



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

INSPECTION CHECKLIST

Facility Information:

Facility Name: PASCO COUNTY RESOURCE RECOVERY

On-Site Inspection Start Date: 07/29/2008

On-Site Inspection End Date: 07/29/2008

WACS No.: 45799

Facility Street Address: HAYS RD & CR52

City: ARIPEKA

County Name: PASCO

Zip: 34610

Inspection Participants (Include ALL Landfill and Department Personnel with Corresponding Titles):

Principal Inspector: Melissa Madden

Other Participants: Viet Ta, Gary Ackerman, Kevin Pliska

TYPE OF FACILITY:

Landfill:

C&D Facility:

Waste Processing Facility:

Other Facilities:

Class I

WTE Facility

TYPE OF INSPECTION:

Operation, Routine

ATTACHMENTS TO THE INSPECTION CHECK LIST:

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

SECTION 1.0 - FILE REVIEW

SECTION 2.0 - LANDFILL OPERATION AND MAINTENANCE

SECTION 4.0 - WASTE PROCESSING FACILITIES

SECTION 12.0 - WTE FACILITIES



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

INSPECTION CHECKLIST

SECTION 1.0 - FILE REVIEW

Requirements:

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

Item No.	FILE REVIEW (Pre- or Post-Inspection, as appropriate.) Completed	Ok	Not Ok	Unk	N/A
1.1	For landfills, is the method and sequence of filling wastes according to plans? 62-701.500(2)(f)	✓			
1.2	For landfills, are the following records being reported to the Department?(Check any that are Not OK.) <input type="checkbox"/> Waste reports (quarterly) 62-701.500(4) <input type="checkbox"/> Annual estimate of remaining life 62-701.500(13)(c)			✓	
1.3	Is leachate sampled, tested and disposed as required? 62-701.500(8)(a) & 62-701.510(6)(c)	✓			
1.4	Is gas monitoring being performed as required by the permit? 62-701.500(9) & 62-701.530(2)	✓			
1.5	Are the results of the gas sampling reported to the Department quarterly? 62-701.530(2)	✓			
1.6	Is water quality sampling and testing performed according to standard procedures and at the required frequencies? See 62-701.510(2) for landfills; 62-701.730(4)(b) & (10) for C&D debris sites; 62-713.400(3) for stationary soil treatment facilities.	✓			
1.7	Do the results of the water quality testing suggest there may be adverse impacts to water quality from the operation of the solid waste facility? 62-701.510(3) & (4)			✓	
1.8	For closed landfills and C&D disposal facilities with final elevations higher than 20 feet above grade, has a final survey report verifying the final elevations and contours of the facility been submitted to the Department? 62-701.610(3) & 62-701.730(9)(c)				✓
1.9	Is financial assurance adequate? See 62-701.630 for landfills; 62-710(7)(a) & (10)(a) for WPFs; 62-701.730(11)(a) for C&D debris facilities; 62-713.600(6)(a) for stationary soil treatment facilities; 62-711.500(3) for waste tire facilities. NOTE: The Solid Waste Financial Coordinator in Tallahassee can assist with this information.	✓			
1.10	Are cost estimates current and adjusted every year? See 62-701.630(4) for landfills; 62-701.710(7)(b) & (10)(a) for WPFs; 62-701.730(11)(b) for C&D debris facilities; 62-713.600(6)(b) & (c) for stationary soil treatment facilities; 62-711.500(3) for waste tire facilities.	✓			
1.11	For C&D debris disposal and disposal with recycling facilities, is an Annual Report submitted to the Department for the disposal operation by April 1st of each year? 62-701.730(12)				✓
1.12	For C&D recycling facilities with no disposal, is an Annual Report for the recycling operation submitted to the Department by April 1st of each year? 62-701.710(9)(b)				✓
1.13	For compost facilities, has the compost product been sampled and analyzed every 20,000 tons or every 3 months (whichever is sooner)? 62-709.530(1)				✓
1.14	For compost facilities, has the annual report been submitted by June 1st? 62-709.530(3)				✓



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SECTION 2.0 - LANDFILL OPERATION AND MAINTENANCE

Requirements:

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

Item No.	SOLID WASTE PROHIBITIONS (unless "grandfathered" in, see 62-701.300(16)) Completed	Ok	Not Ok	Unk	N/A
2.1	Unauthorized disposal/storage prohibited, except yard trash, within 500' of a potable water well? 62-701.300(2)(b)	✓			
2.2	Unauthorized disposal/storage prohibited, except yard trash, within 1000' of a potable water well serving a community water system? 62-701.300(2)(h)	✓			
2.3	Unauthorized storage/disposal of yard trash prohibited within the minimum setbacks of (Check any that are Not OK) 62-701.300(12) <input type="checkbox"/> 100 feet for potable water wells (except on-site)? <input type="checkbox"/> 50 feet for water bodies? <input type="checkbox"/> 200 feet for community water supply wells?	✓			
2.4	Unauthorized disposal/storage prohibited in an area subject to frequent and periodic flooding unless flood protection measures in place? 62-701.300(2)(d)	✓			
2.5	Unauthorized disposal/storage prohibited in any natural or artificial body of water including ground water? 62-701.300(2)(e)	✓			
2.6	Unauthorized disposal/storage prohibited, except yard trash, within 200' of any natural or artificial body of water, including wetlands without permanent leachate controls, except impoundments or conveyances which are part of an on-site, permitted stormwater management system or on-site water bodies with no off-site discharge? 62-701.300(2)(f)	✓			
2.7	Unauthorized open burning of solid waste prohibited except in accordance with Department requirements? 62-701.300(3)	✓			
2.8	Are the following prohibited wastes or special wastes properly controlled, managed and disposed? (Check any that are Not OK) <input type="checkbox"/> Hazardous waste 62-701.300(4) <input type="checkbox"/> Biomedical waste 62-701.300(6) <input type="checkbox"/> Yard trash 62-701.300(8)(c) <input type="checkbox"/> Whole waste tires 62-701.300(8)(e) <input type="checkbox"/> Used oil, except as exempted 62-701.300(11) <input type="checkbox"/> Lead-acid batteries, mercury-containing switches and lamps in WTEs 62-701.300(5) <input type="checkbox"/> PCB wastes 62-701.300(5) <input type="checkbox"/> Lead-acid batteries 62-701.300(8)(a) <input type="checkbox"/> White goods 62-701.300(8)(d) <input type="checkbox"/> Liquids 62-701.300(10)	✓			
2.9	Are only permitted waste types disposed at facility? 62-701.340(3), 62-701.500(6)(a)&(2)(c)	✓			

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



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



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SECTION 4.0 - WASTE PROCESSING FACILITIES

Requirements:

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Item No.	SOLID WASTE PROHIBITIONS (unless "grandfathered" in, see 62-701.300(16)) Completed	Ok	Not Ok	Unk	N/A
4.1	Unauthorized disposal/storage prohibited, except yard trash, within 500' of a potable water well? 62-701.300(2)(b)				✓
4.2	Unauthorized disposal/storage prohibited, except yard trash, within 1000' of a potable water well serving a community water system? 62-701.300(2)(h)				✓
4.3	Unauthorized storage/disposal of yard trash prohibited within the minimum setbacks of (Check any that are Not OK) 62-701.300(12) <input type="checkbox"/> 100 feet for potable water wells (except on-site)? <input type="checkbox"/> 50 feet for water bodies? <input type="checkbox"/> 200 feet for community water supply wells?				✓
4.4	Unauthorized disposal/storage prohibited in an area subject to frequent and periodic flooding unless flood protection measures in place? 62-701.300(2)(d)				✓
4.5	Unauthorized disposal/storage prohibited in any natural or artificial body of water including ground water? 62-701.300(2)(e)				✓
4.6	Unauthorized disposal/storage prohibited, except yard trash, within 200' of any natural or artificial body of water, including wetlands without permanent leachate controls, except impoundments or conveyances which are part of an on-site, permitted stormwater management system or on-site water bodies with no off-site discharge? 62-701.300(2)(f)				✓
4.7	Unauthorized open burning of solid waste prohibited except in accordance with Department requirements? 62-701.300(3)				✓
4.8	Are the following prohibited wastes or special wastes properly managed? (Check any that are Not OK) <input type="checkbox"/> Hazardous waste 62-701.300(4) <input type="checkbox"/> Biomedical waste 62-701.300(6) <input type="checkbox"/> Yard trash 62-701.300(8)(c) <input type="checkbox"/> Whole waste tires 62-701.300(8)(e) <input type="checkbox"/> Used oil, except as exempted 62-701.300(11) <input type="checkbox"/> Lead-acid batteries, mercury-containing switches and lamps in WTEs 62-701.300(5) <input type="checkbox"/> PCB wastes 62-701.300(5) <input type="checkbox"/> Lead-acid batteries 62-701.300(8)(a) <input type="checkbox"/> White goods 62-701.300(8)(d) <input type="checkbox"/> Liquids 62-701.300(10)				✓

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



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Item No.	WASTE PROCESSING FACILITY OPERATION AND MAINTENANCE Completed	Ok	Not Ok	Unk	N/A
4.14	Is the Operation and Maintenance Manual substantially followed? 62-701.710(4)(a)1.				✓
4.15	Are putrescibles stored no longer than 48 hours or as otherwise allowed in the Operation and Maintenance Plan? 62-701.710(4)(b)				✓
4.16	Are areas where waste is stored or processed cleaned at least weekly to prevent odor and vector problems? 62-701.710(4)(b)				✓
4.17	Are the operating hours posted at the facility? 62-701.710(4)(c)1.				✓
4.18	Is a trained operator on duty whenever the facility is operating? 62-701.710(4)(c)1.				✓
4.19	Is at least one trained spotter on duty at all times that waste is received at the facility to inspect the incoming waste? 62-701.710(4)(c)2.				✓
4.20	Are prohibited materials removed from the waste stream and placed into appropriate containers for disposal at a permitted facility? 62-701.710(4)(c)2.				✓
4.21	Is the facility operated to control objectionable odors? 62-701.710(4)(d)				✓
4.22	Is adequate fire protection equipment available and operational? 62-701.710(4)(e)				✓
4.23	Is access to the facility controlled by fencing or other effective barriers to prevent disposal of unauthorized waste? 62-701.710(4)(f)				✓
4.24	If the facility is a Transfer Station and is claiming the financial assurance exemption, does it manage the waste on a first-in, first-out basis and store waste for no greater than 7 days? 62-701.710(10)(a)				✓
4.25	Is stormwater effectively controlled? 62-701.710(8)				✓
4.26	Are all specific conditions in the permit being followed? 62-701.320(1)				✓

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



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

INSPECTION CHECKLIST

SECTION 12.0 - WTE FACILITIES

Requirements:

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

Item No.	SOLID WASTE PROHIBITIONS (unless "grandfathered" in, see 62-701.300(16)) Completed	Ok	Not Ok	Unk	N/A
12.1	Unauthorized disposal/storage prohibited, except yard trash, within 500' of a potable water well? 62-701.300(2)(b)	✓			
12.2	Unauthorized disposal/storage prohibited, except yard trash, within 1000' of a potable water well serving a community water system? 62-701.300(2)(h)	✓			
12.3	Unauthorized storage/disposal of yard trash prohibited within the minimum setbacks of (Check any that are Not OK) 62-701.300(12) & 62-709.320(3)(a), (b) & (c) <input type="checkbox"/> 100 feet for potable water wells (except on-site)? <input type="checkbox"/> 50 feet for water bodies? <input type="checkbox"/> 200 feet for community water supply wells?	✓			
12.4	Unauthorized disposal/storage prohibited in an area subject to frequent and periodic flooding unless flood protection measures in place? 62-701.300(2)(d)	✓			
12.5	Unauthorized disposal/storage prohibited in any natural or artificial body of water including ground water? 62-701.300(2)(e)	✓			
12.6	Unauthorized disposal/storage prohibited, except yard trash, within 200' of any natural or artificial body of water, including wetlands without permanent leachate controls, except impoundments or conveyances which are part of an on-site, permitted stormwater management system or on-site water bodies with no off-site discharge? 62-701.300(2)(f)	✓			
12.7	Unauthorized open burning of solid waste prohibited except in accordance with Department requirements? 62-701.300(3)	✓			
12.8	Are the following prohibited wastes or special wastes properly managed? (Check any that are Not OK) <input type="checkbox"/> Hazardous waste 62-701.300(4) <input type="checkbox"/> Biomedical waste 62-701.300(6) <input type="checkbox"/> Yard trash 62-701.300(8)(c) <input type="checkbox"/> Whole waste tires 62-701.300(8)(e) <input type="checkbox"/> Used oil, except as exempted 62-701.300(11) <input type="checkbox"/> Lead-acid batteries, mercury-containing switches and lamps in WTEs 62-701.300(5) <input type="checkbox"/> PCB wastes 62-701.300(5) <input type="checkbox"/> Lead-acid batteries 62-701.300(8)(a) <input type="checkbox"/> White goods 62-701.300(8)(d) <input type="checkbox"/> Liquids 62-701.300(10)	✓			

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



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION INSPECTION CHECKLIST

Open Violations:

Significance Level: Minor
 Harm Level: Moderate
 Deviation: Moderate
 Rule: 62-701.320(1)
 Section: WTE FACILITY OPERATION AND MAINTENANCE
 Question Number: 12.9
 Question: WTE facility in compliance with all permit conditions and applicable requirements? 62-701.320(1)

Explanation: The ash conveyor from the Grizzly to the Ash Building has been down for several days. Ash is currently dropping out at the Grizzly area and is being transported by loader bucket to the Ash Building as needed. Ash which had been dropped in the driveway areas during the transport process was being washed down during the inspection. Some of this contact water (leachate) was draining to non-contact stormwater via a culvert under the tipping floor exit ramp. During the inspection several sandbags were placed before the culvert to prevent further discharge of contact water. This problem was exacerbated by damaged curbing at the Grizzly area and improper functioning of the sump. Additionally during the inspection a heavy rain fell and the sandbags were easily over run by additional leachate/stormwater. The sump pump at the entrance to Ash Building also appeared to be malfunctioning and could not be manually operated during the inspection. A significant amount of water had backed up into the driveway area and appeared to overflow outside of curbed areas at the western most edge. The gravity sump at the exit of the Ash Building appeared to be clogged with sediment/ash and had also backed up water into the driveway area. The Ash Building also contained a significant amount of ponded water/leachate which was the result of pressure cleaning and was scheduled to be pumped to the sumps after repairs were completed or soaked up with additional mulch.

Corrective Action: The facility's Ash Management Plan, dated May 1997, states that "Each residue discharger is equipped with an emergency bypass transfer chute to permit uninterrupted removal of residue if any component of the ash conveying system becomes inoperative. The transfer chutes are designed to provide emergency bypass of the main vibrating conveyor by directing the residue directly to a dumpster. The dumpster is transported to the ash building via a forklift." The Facility should follow the approved Ash Management Plan or submit a revised Plan to the Department. Additionally, all contact water should be diverted to the sumps to prevent further mixing of stormwater and leachate. All damaged curbing and improperly functioning sump pumps should be repaired immediately. As discussed during the inspection hay bales are a good idea to filter out sediment in stormwater runoff to prevent turbidity issues but they are not sufficient to filter leachate or contact stormwater discharges. Stormwater drains should be blocked off during times of these types of discharges. (Conditions of Certification PA 87-23 XIV.H.4)

Attachments:

Attachment Date: 08/06/2008 User: MADDEN_M
Description: Grizzly containment sump





FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

INSPECTION CHECKLIST

Attachment Date: 08/06/2008

User: MADDEN_M

Description: Grizzly containment sump (after significant rainfall)



Attachment Date: 08/06/2008

User: MADDEN_M

Description: Grizzly containment sump damaged curbing



Attachment Date: 08/06/2008

User: MADDEN_M

Description: Grizzly Scalper load out temporary ash load out





FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

INSPECTION CHECKLIST

Attachment Date: 08/06/2008

User: MADDEN_M

Description: Contact stormwater runoff to stormwater



Attachment Date: 08/06/2008

User: MADDEN_M

Description: Contact stormwater runoff to stormwater (2)



Attachment Date: 08/06/2008

User: MADDEN_M

Description: Contact stormwater runoff to stormwater (3)





FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

INSPECTION CHECKLIST

Attachment Date: 08/06/2008

User: MADDEN_M

Description: Contact stormwater runoff to stormwater (4)



Attachment Date: 08/06/2008

User: MADDEN_M

Description: Contact stormwater runoff to stormwater (5)



Attachment Date: 08/06/2008

User: MADDEN_M

Description: Ash building entrance sump





FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

INSPECTION CHECKLIST

Attachment Date: 08/06/2008

User: MADDEN_M

Description: Ash building entrance sump (2)



Attachment Date: 08/06/2008

User: MADDEN_M

Description: Ash building entrance



Attachment Date: 08/06/2008

User: MADDEN_M

Description: Ash building floor ponded water





FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

INSPECTION CHECKLIST

Attachment Date: 08/06/2008

User: MADDEN_M

Description: Ash building exit sump



Attachment Date: 08/06/2008

User: MADDEN_M

Description: Contact stormwater central sump



Open Area Of Concern:

Rule: 62-701.500(7)(f)

Section: LANDFILL OPERATION AND MAINTENANCE

Question Number: 2.21

Question: Is the frequency, amount and quality of intermediate cover, as required? 62-701.500(7)(f)

Explanation: Vegetative cover on North slope of SW-2 appears patchy. Some areas were observed which may have been evidence of leachate seeps or gas interference.

Corrective Action: These areas should be watched for erosion especially during the rainy season. All stormwater off of this slope is currently being treated as leachate.

Attachments:



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

INSPECTION CHECKLIST

Attachment Date: 08/06/2008

User: MADDEN_M

Description: North slope SW-2



Rule: 62-701.320(1)

Section: LANDFILL OPERATION AND MAINTENANCE

Question Number: 2.40

Question: Are all specific conditions in the permit being followed? 62-701.320(1)

Explanation: See Items 2.21, 2.24, 2.31

Corrective Action: See Items 2.21, 2.24, 2.31

Rule: 62-701.500(2)

Section: LANDFILL OPERATION AND MAINTENANCE

Question Number: 2.13

Question: Is the operation plan substantially followed? 62-701.500(2)

Explanation: See Items 2.21, 2.24, 2.31

Corrective Action: See Items 2.21, 2.24, 2.31

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

Section: LANDFILL OPERATION AND MAINTENANCE

Question Number: 2.24

Question: Is the leachate collection and removal system maintained and operated as required? 62-701.500(2)(j), 62-701.500(8)(b) & (h)

Explanation: A temporary pump has been installed at the Ash lift station due to malfunctioning pumps. The temporary gas-powered pump is run approximately 10 hours per day and is pumping an average of 115 gal/min. The electric pump that is still connected to the system is run during closed hours and only pumps an average of 30-40 gal/min. The electric pumps are scheduled for replacement in the coming weeks. This information is being forwarded to the Southwest District's Air Program for additional review.

Corrective Action: Please provide details about the pump replacements when complete.



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

INSPECTION CHECKLIST

Attachments:

Attachment Date: 08/06/2008

User: MADDEN_M

Description: Ash cells lift station



Attachment Date: 08/06/2008

User: MADDEN_M

Description: Temporary pump connection to the LCS



Attachment Date: 08/06/2008

User: MADDEN_M

Description: Leachate sump level @ ash cells lift station





FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

INSPECTION CHECKLIST

Rule: 62-701.500(10)

Section: LANDFILL OPERATION AND MAINTENANCE

Question Number: 2.31

Question: Is stormwater management system maintained and operated as required? 62-701.500(10)

Explanation: SW-1 appears to be holding water along much of the top of the fill. SW-2 has a ditch of ponded water just inside the anchor trench along the south slope. In the event of a significant rainfall this ditch does not appear to be sufficient to prevent overflow outside the liner system. Operator indicated that this water is allowed to percolate into drainage layer and is currently treated as leachate. The access road onto SW-2 was rough and contained many areas of ponded water/leachate and should be better maintained for traffic flow. Additionally some areas of ponding were observed on top of SW-2 and need re-grading.

Corrective Action: Please re-grade as necessary to prevent ponding over waste filled areas.

Attachments:

Attachment Date: 08/06/2008

User: MADDEN_M

Description: Access road along south slope of SW-2



Attachment Date: 08/06/2008

User: MADDEN_M

Description: Active area ponded water





FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

INSPECTION CHECKLIST

Attachment Date: 08/06/2008

User: MADDEN_M

Description: Eastern slope of SW-2 leachate percolation from central stormwater ditch between SW-1 and 2.



Inspection Comments:

Comment Date: 08/06/2008

User: MADDEN_M

Description: Section 4.0 intentionally marked all N/A because facility does not have a Waste Processing Facility.



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

INSPECTION CHECKLIST

Inspection Attachments:

Attachment Date: 08/06/2008

User: MADDEN_M

Description: Tipping Floor



Attachment Date: 08/06/2008

User: MADDEN_M

Description: Ash cells active area



Attachment Date: 08/06/2008

User: MADDEN_M

Description: Ash cells





FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

INSPECTION CHECKLIST

Attachment Date: 08/06/2008
Description: SW-1 N slope

User: MADDEN_M



Attachment Date: 08/06/2008
Description: SW-1 NW corner

User: MADDEN_M



Attachment Date: 08/06/2008
Description: Ash cells E slope stormwater flume

User: MADDEN_M



Signed:



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
INSPECTION CHECKLIST

FDEP
ORGANIZATION

Inspector
PRINCIPAL INSPECTOR TITLE

Melissa Madden
PRINCIPAL INSPECTOR NAME

PRINCIPAL INSPECTOR SIGNATURE

8/7/2008
DATE

Covanta
ORGANIZATION

EHSO
REPRESENTATIVE TITLE

Viet Ta
REPRESENTATIVE NAME

No signature required
REPRESENTATIVE SIGNATURE

Pasco County Solid Waste
ORGANIZATION

Landfill Operations
REPRESENTATIVE TITLE

Gary Ackerman
REPRESENTATIVE NAME

No signature required
REPRESENTATIVE SIGNATURE

Covanta
ORGANIZATION

Kevin Pliska
REPRESENTATIVE NAME

No signature required
REPRESENTATIVE SIGNATURE

NOTE: By signing this document, the Site Representative only acknowledges receipt of this Inspection Report and is not admitting to the accuracy of any of the items identified by the Department as "Not Ok" or areas of concern.