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September 18, 2008

Dept. of Environmental  
Protection

SEP 22 2008

Southwest District

Ms. Melissa Madden  
Florida Department of Environmental Protection  
13051 N. Telecom Pkwy  
Tampa, Florida 33637

RE: August 26, 2008 Inspection – Southeast County Landfill

Dear Ms. Madden:

On August 26, 2008, the Florida Department of Environmental Protection (DEP) conducted an inspection of the Southeast County Landfill (Permit No. 35435-006-SO).

The inspection report (Attachment A) noted several items that required the Solid Waste Management Department's (SWMD) response. For ease of review, the DEP comments are provided below in bold type, followed by our response.

**DEP Comment - 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)**

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

**Section: LANDFILL OPERATION AND MAINTENANCE**

**Explanation: During the inspection, a leachate discharge was discovered at temporary pumping station, TPS-6, due to a drain valve being left open. Leachate was observed flowing approximately 30 feet in both directions and into stormwater ditch on N side of pump station. Leachate had been overflowing containment for an undetermined amount of time prior to discovery.**

**Corrective Action: Specific Condition 7.b. Operations Plan section L.8. At the end of the inspection, Facility staff began to excavate the surrounding soils and were pumping down the containment.**

**Response:** The SWMD operates the Southeast County Landfill (SCLF) in substantial compliance with the Operation Plan. Remediation of the referenced spill was initiated immediately upon discovery. The incident and associated corrective actions were witnessed by you and were reported

Dept. of Environmental  
Protection

Ms. Melissa Madden  
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via email to the DEP on August 26, 2008 (Attachment B). The SWMD immediately addressed this leachate spill. Within minutes of discovery the following remedial actions were taken:

1. Stopped the discharge by turning the pump off. The pump at Temporary Pump Station 6 (TPS-6) has a small valve, similar to an air release valve (Valve "A") which was left unintentionally open. Valve "A" was closed.
2. Mobilized all available personnel to respond (10 employees were assigned to aid in the spill response, including County and WMI employees).
3. Contained the discharge within the secondary containment. In addition, staff placed absorbent socks to stop the discharge overtopping the containment area and under the containment area valve (Valve "B").
4. Mobilized equipment (2-pumps, 1-tanker truck, 1-scrapper, 1-grader, and 1-backhoe excavator) to remove the discharged leachate and impacted soils.
5. Removed the soils that came in contact with leachate and the affected soils were placed in the landfill.

As a result of these actions, the leachate spill was contained and there were no offsite or environmental impacts. The SCLF acted in a prudent manner by immediately stopping, containing, and cleaning the spill. Visual inspections conducted by you and SCLF staff indicated the leachate did not enter the adjacent Stormwater Pond "A".

The cause of the spill was human error: The pump valve, Valve "A", was unintentionally left in the open position. Valve "A" dripped into and filled the secondary containment. It is our normal operating procedure to maintain all containment area valves in the closed position. As it is apparent in the pictures, that was the case with Valve "B", because the containment area was full.

In addition to providing further instructions to SCLF and WMI employees not to open Valve "A", these additional measures have been implemented in order to minimize the possibility of reoccurrence:

1. On August 27, 2008, the handle for Valve "A" was removed; as such, the valve can no longer be opened manually.
2. On September 5, 2008, the TPS-6 control panel was linked to the site's telemetry system and the pump now runs on automatic mode. Thereby, reducing the risk of human error.

**DEP Comment - 2.39**

**Question: Are ground water wells intact and properly maintained? 62-701.510(2)(b), 62-701.620(9)**

**Rule: 62-701.620(9), 62-701.510(2)(b)**

**Section: LANDFILL OPERATION AND MAINTENANCE**

**Explanation: The new monitoring wells adjacent to Section 9 did not appear to have labels including TH 61A, 69, 70, and 71 or had labels that wore off.**

**Corrective Action: Label wells as required by Specific Condition E.3.**

Ms. Melissa Madden  
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September 18, 2008

**Response:** The new monitoring wells have been appropriately labeled (see Attachment C).

**DEP Comment - 2.30**

**Question:** Is mixing of leachate and stormwater prevented or minimized? 62-701.500(10) & 62-701.400(9)(c)

**Rule:** 62-701.500(10), 62-701.400(9)(c)

**Section:** LANDFILL OPERATION AND MAINTENANCE

**Explanation:** See 2.24

**Corrective Action:** See 2.24

**Response:** From the time that Valve "A" was opened (estimated to be between 7:00 to 7:30 A.M.) to the time that remedial action was completed at 4:30 P.M., there was no rainfall on site. Therefore, the spilled leachate was never mixed with stormwater and, as previously mentioned, visual inspection conducted by you and the SCLF staff indicated that the discharged leachate did not enter the adjacent stormwater Pond "A".

**DEP Comment - 2.40**

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

**Rule:** 62-701.320(1)

**Section:** LANDFILL OPERATION AND MAINTENANCE

**Explanation:** See 2.13, 2.24, 2.30, 2.31, 2.39

**Corrective Action:** See 2.13, 2.24, 2.30, 2.31, 2.39

**Response:** With the exception of DEP Comment 2.39 related to labeling of newly installed groundwater wells (part of a pending permit), all permit Specific Conditions are routinely followed. Regarding the leachate spill, unfortunately accidents do happen and the SWMD along with WMI conducted immediate and proper action to protect the environment in substantial compliance with the Operation Plan and Permit Conditions. Additionally, procedural changes have been implemented to ensure this type of spill does not re-occur.

**DEP Comment - 2.31**

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

**Rule:** 62-701.500(10)

**Section:** LANDFILL OPERATION AND MAINTENANCE

**Explanation:** Minor areas on top of sections 7/8 appeared low and capable of holding water.

**Corrective Action:** These areas should be watched and repaired as necessary. Specific Condition 28.

**Response:** Acknowledged.

Ms. Melissa Madden  
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**DEP Comment - 2.13**

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

**Rule: 62-701.500(2)**

**Section: LANDFILL OPERATION AND MAINTENANCE**

**Explanation: See 2.24**

**Corrective Action: See 2.24**

**Response:** The SWMD operates the SCLF in substantial compliance with the Operation Plan. When unforeseen conditions present themselves, the SWMD promptly implements contingency actions to ensure compliance.

The SWMD appreciates the opportunity to respond to the DEP's findings. Should the DEP have any questions or require additional information concerning the information provided, please contact me at 671-7707.

Sincerely,



Larry E. Ruiz  
General Manager III  
Solid Waste Management Department

LR/lr  
Attachments  
xc: Susan Pelz, DEP  
Ron Cope, EPC  
Patricia Berry, SWMD  
Ernest Ely, WMI

**Attachment A**  
**DEP Inspection Check List**



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
INSPECTION CHECKLIST

**Facility Information:**

Facility Name: SOUTHEAST COUNTY SLF (PICNIC LF)

On-Site Inspection Start Date: 08/26/2008

On-Site Inspection End Date: 08/26/2008

WACS No.: 41193

Facility Street Address: C.2MI.W OF CR39,N OF CR 672

City: PICNIC County Name: HILLSBOROUGH

Zip: 33547

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

Principal Inspector: Melissa Madden

Other Participants: Ernest Ely, Raymond Graves

**TYPE OF FACILITY:**

Landfill: C&D Facility:

Waste Processing Facility:

Other Facilities:

Class I

Waste Tire 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 9.0 - WASTE TIRE FACILITIES

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
INSPECTION CHECKLIST



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)(g), 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)		✓		



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

## INSPECTION CHECKLIST

### SECTION 9.0 - WASTE TIRE 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
9.1	Unauthorized disposal/storage prohibited, except yard trash, within 500' of a potable water well? 62-701.300(2)(b)	✓			
9.2	Unauthorized disposal/storage prohibited, except yard trash, within 1000' of a potable water well serving a community water system? 62-701.300(2)(h)	✓			
9.3	Unauthorized storage/disposal of yard trash prohibited within the minimum setbacks of (Check any that are Not OK) 62-701.300(12) <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?	✓			
9.4	Unauthorized disposal/storage prohibited in an area subject to frequent and periodic flooding unless flood protection measures in place? 62-701.300(2)(d)	✓			
9.5	Unauthorized disposal/storage prohibited in any natural or artificial body of water including ground water? 62-701.300(2)(e)	✓			
9.6	Unauthorized disposal/storage prohibited, except yard trash, within 200' of any natural or artificial body of water, including wetlands without permanent leachate controls, except impoundments or conveyances which are part of an on-site, permitted stormwater management system or on-site water bodies with no off-site discharge? 62-701.300(2)(f)	✓			
9.7	Unauthorized open burning of solid waste prohibited except in accordance with Department requirements? 62-701.300(3)	✓			
9.8	Are the following prohibited wastes or special wastes properly managed? (Check any that are Not OK) <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 TIRE FACILITY - GENERAL REQUIREMENTS FOR STORAGE Completed	Ok	Not Ok	Unk	N/A
9.9	If the facility accepts tires from the public, is a sign posted at the facility entrance stating operating hours, cost of disposal and site rules? 62-711.540(1)(a)	✓			
9.10	Are operations involving the use of open flames conducted no closer than 25 feet of a waste tire pile? 62-711.540(1)(b)	✓			
9.11	If the facility accepts tires from the public, is an attendant always present on site when the site is open for business? 62-711.540(1)(c)	✓			
9.12	Are fire protection services assured through notification to local fire protection authorities? 62-711.540(1)(d)	✓			
9.13	Is an annual fire safety survey conducted? 62-711.540(1)(d)	✓			
9.14	Is a copy of the annual fire safety report made part of the next quarterly report? 62-711.540(1)(d)			✓	
9.15	Does the facility have an Emergency Preparedness Manual (EPM) on-site? 62-711.540(1)(e)	✓			



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

## INSPECTION CHECKLIST

Item No.	WASTE TIRE FACILITY - GENERAL REQUIREMENTS FOR STORAGE Completed	Ok	Not Ok	Unk	N/A
9.16	Does the EPM contain the following information? (Check all that are Not OK.) <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) <input type="checkbox"/> Procedures to be followed in the event of a fire 62-711.540(1)(e)3.	✓			
9.17	Is the operator at the facility maintaining records of the quantity of WT received at the site, stored at the site, and shipped from the site? 62-711.540(1)(g) and 62-711.400(5)	✓			
9.18	If the operator of the site is not the owner of the property, has written authorization been obtained from the property owner to operate the facility? 62-711.540(1)(h)				✓
9.19	Is adequate communications equipment available at the site? 62-711.540(1)(i)	✓			
9.20	Is the owner or operator providing for control of mosquitoes and rodents so as to protect the public health and welfare? 62-711.540(1)(j)			✓	

Item No.	WASTE TIRE FACILITY - STORAGE INDOORS Completed	Ok	Not Ok	Unk	N/A
9.21	Are WT piles more than 50 feet in width? 62-711.540(2)(a)				✓
9.22	Are WT piles along a wall more than 25 feet in width? 62-711.540(2)(a)				✓
9.23	Are widths of main aisles between piles less than 8 feet? 62-711.540(2)(b)				✓
9.24	Is there less than 3 feet of clearance between the top of storage to sprinkler detectors or roof structures? 62-711.540(2)(c)				✓
9.25	Is there less than 3 feet of clearance between waste tire piles and unit heaters, etc.? 62-711.540(2)(c)				✓
9.26	If waste tires are stored up to 15 feet in height, do walls have at least a 4-hour fire rating? 62-711.540(2)(e)				✓
9.27	If waste tires are stored >15 feet in height, do walls have a fire rating of not less than 6 hours and columns one hour FR? If > 20 feet, do columns and its connections with other structural members have two hour FR? 62-711.540(2)(f)				✓
9.28	Is the access controlled through the use of doors, fences, gates, natural barriers or other means? 62-711.540(2)(h)				✓

Item No.	WASTE TIRE FACILITY - STORAGE OUTDOORS Completed	Ok	Not Ok	Unk	N/A
9.29	Is the waste tire site operated >200 feet from a body of water? 62-711.540(3)(a)	✓			
9.30	Does the waste tire pile have a width < 50 feet? 62-711.540(3)(b)	✓			
9.31	Does the waste tire pile have an area < 10,000 sq. ft? 62-711.540(3)(b)	✓			
9.32	Does the waste tire pile have a height < 15 ft.? 62-711.540(3)(b)	✓			
9.33	Is there a 50 ft. wide fire lane around the perimeter of the waste tire pile? 62-711.540(3)(c)	✓			
9.34	Is there unobstructed access to the fire lane? 62-711.540(3)(c)	✓			
9.35	Is the access controlled through the use of doors, fences, gates, natural barriers or other means? 62-711.540(3)(d)	✓			
9.36	Is the site kept free of grass, underbrush, and other potentially flammable vegetation? 62-711.540(3)(f)	✓			
9.37	Is the site bermed or given other adequate protection to prevent liquid runoff from entering water bodies? 62-711.540(3)(e)	✓			
9.38	Are residuals contained on-site and disposed of in a permitted SW management facility? 62-711.540(5)	✓			
9.39	Does the waste tire site qualify for the exceptions to the technical and operational standards as allowed by rule? 62-711.540(6)			✓	

Item No.	WASTE TIRE FACILITY - COLLECTION CENTER Completed	Ok	Not Ok	Unk	N/A
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FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
INSPECTION CHECKLIST

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



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

## INSPECTION CHECKLIST

### Open Violations:

Significance Level: SNC

Harm Level: Major

Deviation: Moderate

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: During the inspection, a leachate discharge was discovered at temporary pumping station, TPS-6, due to a drain valve being left open. Leachate was observed flowing approximately 30 feet in both directions and into stormwater ditch on N side of pump station. Leachate had been overflowing containment for an undetermined amount of time prior to discovery.

Corrective Action: Specific Condition 7.b. Operations Plan section L.8. At the end of the inspection, Facility staff began to excavate the surrounding soils and were pumping down the containment.

Attachments:

Attachment Date: 09/04/2008

User: MADDEN\_M

Description: TPS-6 pump/containment, overflowing leachate



Attachment Date: 09/04/2008

User: MADDEN\_M

Description: TPS-6 containment, overflowing leachate





# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

## INSPECTION CHECKLIST

Attachment Date: 09/04/2008

User: MADDEN\_M

Description: TPS-6 containment valve leaking while closed



Attachment Date: 09/04/2008

User: MADDEN\_M

Description: TPS-6 leachate discharge along access road/stormwater, looking N



Attachment Date: 09/04/2008

User: MADDEN\_M

Description: TPS-6 leachate discharge along access road/stormwater, looking S





# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

## INSPECTION CHECKLIST

Attachment Date: 09/04/2008

User: MADDEN\_M

Description: TPS-6 containment, overflowing leachate



Attachment Date: 09/04/2008

User: MADDEN\_M

Description: TPS-6 leachate discharge clean-up, soil removal



Attachment Date: 09/04/2008

User: MADDEN\_M

Description: TPS-6 leachate discharge, pumping down containment into water truck



Open Area Of Concern:



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

## INSPECTION CHECKLIST

Rule: 62-701.620(9), 62-701.510(2)(b)

Section: LANDFILL OPERATION AND MAINTENANCE

Question Number: 2.39

Question: Are ground water wells intact and properly maintained? 62-701.510(2)(b), 62-701.620(9)

Explanation: The new monitoring wells adjacent to Section 9 did not appear to have labels including TH 61A, 69, 70, and 71 or had labels that wore off.

Corrective Action: Label wells as required by Specific Condition E.3.

Attachments:

Attachment Date: 09/04/2008

User: MADDEN\_M

Description: TH-61A, faded label



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

Section: LANDFILL OPERATION AND MAINTENANCE

Question Number: 2.30

Question: Is mixing of leachate and stormwater prevented or minimized? 62-701.500(10) & 62-701.400(9)(c)

Explanation: See 2.24

Corrective Action: See 2.24

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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 2.13, 2.24, 2.30, 2.31, 2.39

Corrective Action: See 2.13, 2.24, 2.30, 2.31, 2.39



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
INSPECTION CHECKLIST

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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: Minor areas on top of sections 7/8 appeared low and capable of holding water.

Corrective Action: These areas should be watched and repaired as necessary. Specific Condition 28.

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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 2.24

Corrective Action: See 2.24

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# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

## INSPECTION CHECKLIST

### Inspection Attachments:

Attachment Date: 09/04/2008

User: MADDEN\_M

Description: Working Face, Phase IV, cells E/F



Attachment Date: 09/04/2008

User: MADDEN\_M

Description: White Goods collection



Attachment Date: 09/04/2008

User: MADDEN\_M

Description: Leachate lift station for Phase I-IV (emergency pump)





# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

## INSPECTION CHECKLIST

Attachment Date: 09/04/2008

User: MADDEN\_M

Description: Installing temporary final cover on N slope of Phase I-IV



Attachment Date: 09/04/2008

User: MADDEN\_M

Description: Leachate effluent pond - full (flowing into adjacent pond)



Attachment Date: 09/04/2008

User: MADDEN\_M

Description: WT chipper





# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

## INSPECTION CHECKLIST

Attachment Date: 09/04/2008

User: MADDEN\_M

Description: Section 9



Attachment Date: 09/04/2008

User: MADDEN\_M

Description: Leachate storage tank (treatment plant)



Attachment Date: 09/04/2008

User: MADDEN\_M

Description: Top of Section 7/8



Signed:



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
INSPECTION CHECKLIST

Inspector \_\_\_\_\_

PRINCIPAL INSPECTOR TITLE

Melissa Madden

PRINCIPAL INSPECTOR NAME

*Melissa Madden*

PRINCIPAL INSPECTOR SIGNATURE

9/4/2008

DATE

WM

ORGANIZATION

Ernest Ely

REPRESENTATIVE NAME

No signature required

REPRESENTATIVE SIGNATURE

Hillsborough County

ORGANIZATION

Raymond Graves

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.

**Attachment B**  
**Leachate Spill Notification**

**Larry Ruiz - Leachate Spill Report**

**From:** Larry Ruiz  
**To:** Cope, Ronald; Pelz, Susan  
**Date:** 8/26/2008 5:17 PM  
**Subject:** Leachate Spill Report  
**CC:** BERRY, PATRICIA; Ernest Ely; Graves, Raymond  
**Attachments:** BERRY, PATRICIA; Ernest Ely; Graves, Raymond

The purpose of this email is to provide notice of a leachate spill at the Southeast County Landfill on August 26, 2008.

**Location:** Temporary Pump Station 6 (diesel pump with concrete containment area).

**Cause:** Human error; The County employee that started the pump inadvertently opened the drain valve for the priming tank, allowing leachate to spill into the containment area.

**Quantity:** A conservative estimate of the total spill is 2,200 gallons. The leachate was primarily retained within the containment area and amount to approximately 1,600 gallons. The remaining 600 gallons spilled over the containment area and on the western perimeter shell road and a small portion of the ditch.

**Remedial action:** The containment area was drained and cleaned. For the soil areas affected (including the ditch), approximately 6-inches of soil was removed and taken to the landfill. Clean shell base was reinstalled over the access road area. The employee who did not close the drain valve, was directed not to open the priming tank drain valve when starting the pump.

Please let know if you have any questions. Thanks.

---

Larry E. Ruiz  
General Manager  
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Hillsborough County, Florida "The best County in the Nation"  
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**Photograph Number 1**



**Date:** August 26, 2008

**Site:** Southeast County Landfill, Hillsborough County, FL

**Description:** Area where 6-inch shell base was removed; looking north.

**Photograph Number 2**



**Date:** August 26, 2008

**Site:** Southeast County Landfill, Hillsborough County, FL

**Description:** Removing shell base adjacent to containment area; looking east.

**Photograph Number 3**



**Date:** August 26, 2008

**Site:** Southeast County Landfill, Hillsborough County, FL

**Description:** Removing affected soil within stormwater ditch; looking north.

**Photograph Number 4**



**Date:** August 26, 2008

**Site:** Southeast County Landfill, Hillsborough County, FL

**Description:** Removing affected soil next to the containment area valve; looking southwest.

**Photograph Number 5**



**Date:** August 26, 2008

**Site:** Southeast County Landfill, Hillsborough County, FL

**Description:** Removing leachate from the containment area into the tanker truck; looking north.

**Photograph Number 6**



**Date:** August 26, 2008

**Site:** Southeast County Landfill, Hillsborough County, FL

**Description:** Empty containment area; looking west.

**Photograph Number 7**



**Date:** August 26, 2008

**Site:** Southeast County Landfill, Hillsborough County, FL

**Description:** Reinstalled clean shell base on access road; looking north.

**Attachment C**  
**Groundwater Monitoring Wells**

**Photograph Number 1**



**Date:** September 15, 2008  
**Description:** TH-61A.

**Site:** Southeast County Landfill, Hillsborough County, FL

**Photograph Number 2**



**Date:** September 15, 2008  
**Description:** TH-69.

**Site:** Southeast County Landfill, Hillsborough County, FL

**Photograph Number 3**



**Date:** September 15, 2008  
**Description:** TH-70.

**Site:** Southeast County Landfill, Hillsborough County, FL

**Photograph Number 4**



**Date:** September 15, 2008  
**Description:** TH-71.

**Site:** Southeast County Landfill, Hillsborough County, FL