



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

## INSPECTION CHECKLIST

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### Facility Information:

Facility Name: J.E.D LANDFILL (F/K/A OAK HAMMOCK DISPOSAL)

On-Site Inspection Start Date: 07/25/2008

On-Site Inspection End Date: 07/25/2008

WACS No.: 89544

Facility Street Address: 1501 OMNI WAY

City: ST. CLOUD

County Name: OSCEOLA

Zip: 34773

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

Principal Inspector: Sandeep Janwadkar

Other Participants: Matthew Orr

### TYPE OF FACILITY:

Landfill:

C&D Facility:

Waste Processing Facility:

Other Facilities:

Class I

### 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



# 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)				✓



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

## INSPECTION CHECKLIST

### 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- <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)	✓			



# 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)(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)	✓			

**Open Area Of Concern:**



## FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

### INSPECTION CHECKLIST

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

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: Repairs were being performed to the Cells 3 and 4 electrical panel for leachate monitoring. According to the site representative lightening/thunderstorms in the area was the probable cause for the panel malfunction.

Corrective Action: In accordance with Specific Condition 8 of your solid waste permit the Department must be notified immediately of any equipment breakdown or malfunction and the proposed corrective action. Please ensure all future equipment breakdowns are reported promptly to the Department.

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Rule: 62-701.500(7)(j)

Section: LANDFILL OPERATION AND MAINTENANCE

Question Number: 2.23

Question: Is erosion control adequate? 62-701.500(7)(j)

Explanation: Several areas of washouts were observed during the inspection along the slopes of the active fill area and also the newly constructed Cell 6. This issue was also discussed with the site representative. The site received approximately 17.2" of rainfall in the month of July 08.

Corrective Action: In accordance with Rule 62-701.500 (7)j washout/eroded areas should be corrected within three days of occurrence. If the erosion cannot be corrected within seven days of occurrence the landfill operator will notify the Department and propose a correction schedule.

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Rule: 62-701.530(3)(a)

Section: LANDFILL OPERATION AND MAINTENANCE

Question Number: 2.28

Question: Is gas controlled to not allow combustible gas concentrations to exceed specified limits? 62-701.530(3)(a)

Explanation: The lower explosive limit (LEL) for methane was exceeded in the gas monitoring probes GP-7 10 11 14 18 and 19 during the 2008 2nd qtr gas sampling event.

Corrective Action: Additional sampling and analysis was performed to determine the source of the methane (naturally occurring versus landfill generated). The findings of this sampling event will be submitted to the Department in the next few days.

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#### Inspection Comments:

Comment Date: 07/28/2008

User: JANWADKAR\_S

Description: 1) During inspection it was noted that there are no traffic signs/barriers in place at the working face to maintain smooth flow of truck traffic at the working face. The spotter was assisting with the traffic flow. In order to ensure safety at the working face traffic signs/markers must be maintained at the working face. This issue was discussed with the site representative.

2) The site monitoring wells were not inspected during the inspection on 07/25/08.

3) The site perimeter roads on the north and east boundaries of the site were not inspected during inspection as the road was blocked with ongoing site maintenance activities.



## FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION INSPECTION CHECKLIST





# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

## INSPECTION CHECKLIST

### Inspection Attachments:

**Attachment Date:** 07/28/2008  
**Description:** Working Face

User: JANWADKAR\_S



**Attachment Date:** 07/28/2008  
**Description:** Newly constructed Cell Six - washout areas due to heavy rainfall in the area

User: JANWADKAR\_S



**Attachment Date:** 07/28/2008  
**Description:** Cell Six Leachate riser pipes

User: JANWADKAR\_S





# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

## INSPECTION CHECKLIST

Attachment Date: 07/28/2008

User: JANWADKAR\_S

Description: Rework of slopes in progress to create stormwater terraces.



Attachment Date: 07/28/2008

User: JANWADKAR\_S

Description: Gas monitoring probe GP -22 at the site



Signed:

WSI

**ORGANIZATION**

Site Manager

**INSPECTOR TITLE**

Matthew Orr

**INSPECTOR NAME**

No signature required

**INSPECTOR SIGNATURE**





**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**INSPECTION CHECKLIST**

FDEP

**ORGANIZATION**

Inspector

**PRINCIPAL INSPECTOR TITLE**

Sandeep Janwadkar

**PRINCIPAL INSPECTOR NAME**

**PRINCIPAL INSPECTOR SIGNATURE**

7/28/2008

**DATE**

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.