



# Florida Department of Environmental Protection

Central District  
3319 Maguire Boulevard, Suite 232  
Orlando, Florida 32803-3767

Charlie Crist  
Governor

Jeff Kottkamp  
Lt. Governor

Michael W. Sole  
Secretary

## **ELECTRONIC MAIL**

[smccash@wasteservicesinc.com](mailto:smccash@wasteservicesinc.com)

Mr. Shawn McCash  
Omni Waste of Osceola County, LLC  
1051 Omni Way  
St. Cloud, Florida 34473

OCD-SW-08-0096

Osceola County - SW  
J.E.D. Solid Waste Management Facility, Class I Landfill  
(Formerly Oak Hammock Disposal Facility)  
Permit # SC-0197726-004 & SO49-0197726-005  
Inspection Report Transmittal

Dear Mr. McCash:

On February 7, 2008, representatives of the Florida Department of Environmental Protection (Department) conducted an inspection to determine whether the J.E.D. Solid Waste Management Class I Landfill Facility, is in compliance with the Department's solid waste rules. A copy of the inspection report is attached. Additional comments are as follows:

1. At the time of inspection, it was noted that the facility currently does not perform landfill gas monitoring and ambient air monitoring of onsite structures at the site. This exemption was granted by the Department via an e-mail correspondence on May 19, 2004. The exemption was in response to a request from the facility consultant Mr. Ken Cargill from GeoSyntec, Inc. because the facility had recently started accepting waste and the groundwater table was within two feet of land surface. Based on the current landfill operations, the Department has re-evaluated the need for gas monitoring at the facility. We have decided that the requirements of Rules 62-701.500(9) and 62-701.530, Florida Administrative Code (F.A.C.) and Specific Condition #50 of the above referenced permit should be met. Please install the necessary gas probes and begin the quarterly monitoring within 60 days of receipt of this letter.
2. The "Application for a Permit to Construct and Operate a Class I Landfill," dated May 2002, states in Section 5.3.1, Landfill Gas Extraction System - Layout, on Page 39, "The installation of vertical gas extraction wells at a spacing of approximately 300 ft will begin when the total quantity of the waste disposed reaches approximately 2.75 million tons in compliance with USEPA AP-42 (1998)." A similar statement was also made in Section 5.3.1, Landfill Gas Extraction System - Layout, on Page 41 of the "Renewal Permit Application to Construct and Operate Phases 2 and 3 of the Oak Hammock Disposal Facility," dated September 2006, submitted to the Department. Both documents were incorporated into your permit by reference (specific condition #1 and Appendix A). The Department estimates the total quantity of waste deposited in the landfill to be approximately 4.4 million tons, based on the review of 2004 through 2007 waste reports for the facility. As of the inspection date, the Department has not received any documentation that vertical gas extraction wells have been installed at the facility. Therefore, the facility is not in compliance with the permit.
3. Please include copies of the leachate quantities in gallons (summarized monthly), and the precipitation records in inches (summarized daily for each month), along with the future quarterly waste quantities reports submitted to the Department.

4. During the inspection, it was noted that the Cell #1 leachate totalizer was off-line and was not functional. Please provide status of the repairs performed and when the totalizer would be back online. Furthermore, in future, you must notify this Office immediately regarding any equipment breakdown that occurs at the site which will impact your ability to meet the conditions of the permit. The notification must include a description of the corrective actions. Please refer to the Specific Condition #8 of your permit.

If you have any questions or need further information, please contact Gloria-Jean DePradine at 407-893-3324 or e-mail [gloria-jean.depradine@dep.state.fl.us](mailto:gloria-jean.depradine@dep.state.fl.us) or Sandeep Janwadkar at (407) 893-3328 or by e-mail at [sandeep.janwadkar@dep.state.fl.us](mailto:sandeep.janwadkar@dep.state.fl.us).

Sincerely,



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F. Thomas Lubozynski, P.E.  
Waste Program Administrator

Date: March 13, 2008

FTL /sj

Attachments:  
Solid Waste Inspection Report  
Inspection Photographs

1501 Omni Way, Holopaw, FL34773  
February 07, 2008  
Sandeep Janwadkar and Gloria-Jean DePradine



Fig. 1 & 2 – Working Face of the Cell 5 Looking North



Fig 3 & 4 – Fenced Leachate Collection Pond with covers to prevent mixing of rain water with leachate.



Fig. 5 – Stormwater Retention Pond to the east of Cell 3.



Fig. 6 – Leachate manhole replacement work in progress.



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION SOLID WASTE MANAGEMENT FACILITY INSPECTION CHECKLIST

Facility Name: J.E.D Solid Waste Management Facility, Class I Landfill (Formerly Oak Hammock Disposal Facility)

WACS No.: 89544 COMET Project Number: 265352

Inspection Date: 02/07/2008 Permit No.: SC-0197726-004 & SO49-0197726-005 Expiration Date: 01/11/2012

Facility Address: 1501 Omni Way

City: Holopaw County: Osceola Zip: 34773

Permittee or Operating Authority: Omni Waste of Osceola County, LLC

Telephone Number (Permittee or Operating Authority): (407) 891-3720

Inspection Participants (Include ALL Facility and Department Employees With Corresponding Titles):

Principal Inspector: Sandeep Janwadkar and Gloria-Jean DePradine (FDEP Representatives)

Other Participants: Matthew I. Orr and David Collins (Site Reps.)

**TYPE OF FACILITY (check all that apply):**

Landfill:

☒ Class I

☐ Class II

☐ Class III

C&D Facility:

☐ Disposal

☐ Disposal w/Recycling

☐ Land Clearing

Waste Processing Facility:

☐ Transfer Station

☐ C&D Recycling

☐ Class III MRF

☐ MSW MRF

☐ Pulverizer/Shredder

☐ Compactor/Baling

☐ Other \_\_\_\_\_

Other Facilities:

☐ Composting Facility

☐ WTE Facility

☐ Waste Tire Facility

☐ Yard Trash Processing Facility

☐ Stationary Soil Treatment Facility

☐ Incinerator/Trench Burner

☐ Unauthorized Disposal

☐ Other \_\_\_\_\_

**TYPE OF INSPECTION (check all that apply):**

☒ Operation

☐ Closure

☐ Long-Term Care

☐ Complaint Investigation

☒ Routine Inspection

☐ Follow-up Inspection

☐ Other \_\_\_\_\_

**ATTACHMENTS TO THE INSPECTION CHECKLIST (check all that apply):**

This Cover Page includes the following attachments.

Section No.	Section Title
<input checked="" type="checkbox"/> 1.0	File Review
<input checked="" type="checkbox"/> 2.0	Landfill Operation and Maintenance
<input type="checkbox"/> 3.0	Landfill Long-Term Care
<input type="checkbox"/> 4.0	Waste Processing Facilities
<input type="checkbox"/> 5.0	C&D Debris Disposal Facilities
<input type="checkbox"/> 6.0	Recycling Operations at C&D Debris Disposal Facilities
<input type="checkbox"/> 7.0	Land Clearing Debris Disposal Facilities
<input type="checkbox"/> 8.0	Compost Facilities
<input type="checkbox"/> 9.0	Waste Tire Facilities
<input type="checkbox"/> 10.0	Yard Trash Processing Facilities
<input type="checkbox"/> 11.0	Stationary Soil Treatment Facilities
<input type="checkbox"/> 12.0	WTE Facilities
<input type="checkbox"/> 13.0	Compliant Investigations
<input checked="" type="checkbox"/> 14.0	Narrative and Signatures

## FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION INSPECTION CHECKLIST

## SECTION 1.0 – FILE REVIEW

### REQUIREMENTS:

THE REQUIREMENTS LISTED IN THIS INSPECTION CHECKLIST ARE BASED UPON RULES OF THE FLORIDA ADMINISTRATIVE CODE. A "NOT OK" RESPONSE TO A REQUIREMENT (UNLESS OTHERWISE NOTED) REFLECTS A POSSIBLE VIOLATION OF THE CORRESPONDING DEPARTMENT RULE(S) AT THE TIME OF THE INSPECTION. EACH POSSIBLE VIOLATION IS DISCUSSED IN THE NARRATIVE SECTION OF THIS REPORT. SOME REQUIREMENTS MAY BE IDENTIFIED AS "OK" BUT ARE DISCUSSED FURTHER IN THE "AREAS OF CONCERN" PORTION OF THE NARRATIVE SECTION.

FILE REVIEW (Pre- or Post-Inspection, as appropriate.)		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)	X			
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)	X			
1.3	Is leachate sampled, tested and disposed as required? 62-701.500(8)(a) & 62-701.510(6)(c)	X			
1.4	Is gas monitoring being performed as required by the permit? 62-701.500(9) & 62-701.530(2)		X		
1.5	Are the results of the gas sampling reported to the Department quarterly? 62-701.530(2)		X		
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.	X			
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)	X			
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)				X
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.	X			
1.10	Are cost estimates current and adjusted every year? See 62-701.630(4) for landfills; 62-710(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.	X			
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 1 <sup>st</sup> of each year? 62-701.730(12)				X
1.12	For C&D recycling facilities with no disposal, is an Annual Report for the recycling operation submitted to the Department by April 1 <sup>st</sup> of each year? 62-701.710(9)(b)				X
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)				X
1.14	For compost facilities, has the annual report been submitted by June 1 <sup>st</sup> ? 62-709.530(3)				X

# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION INSPECTION CHECKLIST

## SECTION 2.0 – LANDFILL OPERATION AND MAINTENANCE

### REQUIREMENTS:

THE REQUIREMENTS LISTED IN THIS INSPECTION CHECKLIST ARE BASED UPON RULES OF THE FLORIDA ADMINISTRATIVE CODE. A "NOT OK" RESPONSE TO A REQUIREMENT (UNLESS OTHERWISE NOTED) REFLECTS A POSSIBLE VIOLATION OF THE CORRESPONDING DEPARTMENT RULE(S) AT THE TIME OF THE INSPECTION. EACH POSSIBLE VIOLATION IS DISCUSSED IN THE NARRATIVE SECTION OF THIS REPORT. SOME REQUIREMENTS MAY BE IDENTIFIED AS "OK" BUT ARE DISCUSSED FURTHER IN THE "AREAS OF CONCERN" PORTION OF THE NARRATIVE SECTION.

<b>SOLID WASTE PROHIBITIONS (unless "grandfathered" in, see 62-701.300(16))</b>		<b>OK</b>	<b>Not OK</b>	<b>Unk</b>	<b>N/A</b>
2.1	Unauthorized disposal/storage prohibited, except yard trash, within 500' of a potable water well? 62-701.300(2)(b)	X			
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)	X			
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?	X			
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)	X			
2.5	Unauthorized disposal/storage prohibited in any natural or artificial body of water including ground water? 62-701.300(2)(e)	X			
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)	X			
2.7	Unauthorized open burning of solid waste prohibited except in accordance with Department requirements? 62-701.300(3)	X			
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"/> PCB wastes 62-701.300(5) <input type="checkbox"/> Biomedical waste 62-701.300(6) <input type="checkbox"/> Lead-acid batteries 62-701.300(8)(a) <input type="checkbox"/> Yard trash 62-701.300(8)(c) <input type="checkbox"/> White goods 62-701.300(8)(d) <input type="checkbox"/> Whole waste tires 62-701.300(8)(e) <input type="checkbox"/> Liquids 62-701.300(10) <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(9)	X			
2.9	Are only permitted waste types disposed at facility? 62-701.340(3), 62-701.500(6)(a)&(2)(c)	X			

<b>LANDFILL OPERATION AND MAINTENANCE</b>		<b>OK</b>	<b>Not OK</b>	<b>Unk</b>	<b>N/A</b>
2.10	Is there a trained operator on-site at Class I and III landfills when receiving wastes? 62-701.500(1)	X			
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)	X			
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"/> Training records 62-701.320(15)(a) <input checked="" type="checkbox"/> Operating Plan 62-701.500(2) <input type="checkbox"/> Operation record 62-701.500(3) <input type="checkbox"/> Waste weight records 62-701.500(4) <input type="checkbox"/> Quantity of leachate 62-701.500(8)(f) <input checked="" type="checkbox"/> Precipitation records 62-701.500(8)(g) <input type="checkbox"/> Load-checking program records 62-701.500(6)(a)		X		
2.13	Is the operation plan substantially followed? 62-701.500(2)	X			
2.14	Is incoming waste weighed? 62-701.500(4)(a)&(2)(d)	X			
2.15	Is the method and sequence of filling wastes according to plans? 62-701.500(2)(f)	X			
2.16	Is access properly controlled to prevent unauthorized waste disposal? 62-701.500(5)	X			
2.17	Is waste compacted as required? 62-701.500(7)(a)	X			
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)	X			

<b>LANDFILL OPERATION AND MAINTENANCE (continued)</b>		<b>OK</b>	<b>Not OK</b>	<b>Unk</b>	<b>N/A</b>
2.19	Is a narrow working face practiced? 62-701.500(7)(d)	X			
2.20	Is the frequency, amount and quality of initial cover, as required? 62-701.500(7)(e)	X			
2.21	Is the frequency, amount and quality of intermediate cover, as required? 62-701.500(7)(f)	X			
2.22	Is litter controlled and are litter control devices maintained? 62-701.500(7)(i) and (11)(f)	X			
2.23	Is erosion control adequate? 62-701.500(7)(j)	X			
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)	X			
2.25	Is leachate disposed of or treated as required? 62-701.500(8)(b), (c) and (d)	X			
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)				X
2.27	Is gas controlled to not cause objectionable odors beyond the property boundary? 62-701.530(3)(b)			X	
2.28	Is gas controlled to not allow combustible gas concentrations to exceed specified limits? 62-701.530(3)(a)			X	
2.29	Are gas vents intact and functioning properly? 62-701.500(9) & 62-701.530(1)(a)3.				X
2.30	Is mixing of leachate and stormwater prevented or minimized? 62-701.500(10) & 62-701.400(9)(c)	X			
2.31	Is stormwater management system maintained and operated as required? 62-701.500(10)	X			
2.32	Is there sufficient operating equipment? 62-701.500(11)(a)	X			
2.33	Is there sufficient reserve equipment (or other arrangements)? 62-701.500(11)(b)	X			
2.34	Are communication facilities adequate? 62-701.500(11)(c)	X			
2.35	Are approved dust control methods adequate? 62-701.500(11)(d)	X			
2.36	Are fire protection and fire fighting capabilities adequate and operational? 62-701.500(11)(e)	X			
2.37	Are there required signs for operational directions and public information? 62-701.500(11)(g)	X			
2.38	Are all-weather access roads and inside perimeter roads properly maintained? 62-701.500(12)	X			
2.39	Are ground water wells intact and properly maintained? 62-701.510(2)(b), 62-701.620(9)	X			
2.40	Are all specific conditions in the permit being followed? 62-701.320(1)	X			

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
INSPECTION CHECKLIST**

**SECTION 14.0 – NARRATIVE AND SIGNATURES**

**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.

14.1 Explanation for all "NOT OK" responses (continue on separate sheet if necessary).

**Additional Comments:**

1.4 and 1.5, 2.27, 2.28: Currently Gas Sampling and Monitoring is not performed at the site per May 19, 2004 e-mail correspondence from the Department to Ken Cargill, GeoSyntec Inc. Facility Consultant. However, based on the current conditions at the landfill site (i.e., active landfilling of the waste at the site) the Department requires Permit Specific Condition #50 must be followed. Installing gas monitoring probes and initiating the quarterly gas monitoring must be accomplished within 60 days. The gas monitoring data must be submitted to the Department quarterly. This requirement was communicated to the Matt Orr during the site visit on 02/07/2008.


Please ensure the most current copy of the operations plan is maintained at the site.

Include copies of the monthly precipitation records, and the leachate quantity reports as part of the Quarterly Waste Reports that are submitted to the Department.

Construction of the candlestick flares on the north/northeast portion of the cell 1 and cell 2 was in progress.

14.2 Explanation for all "Areas of Concern" (continue on separate sheet if necessary).

2.39 Groundwater Monitoring wells were not inspected as part of the inspection on 02/07/2008.

  
Signed: \_\_\_\_\_ / Feb. 7, 2008  
DEP Representative Date

Received: \_\_\_\_\_ / \_\_\_\_\_  
Site Representative 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.