**Florida Department of**

**Environmental Protection**

**Inspection Checklist**

**FACILITY INFORMATION:**

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

**On-Site Inspection Start Date:** 12/06/2012

**On-Site Inspection End Date:** 12/06/2012

**WACS No.:** 89544

**Facility Street Address:** 1501 OMNI WAY

**City:** SAINT CLOUD

**County Name:** OSCEOLA

**Zip:** 34773

**INSPECTION PARTICIPANTS:**

(Include ALL Landfill and Department Personnel with Corresponding Titles)

| | |
|---|---|
| Principal Inspector: | Kimberly M. Rush, Engineer |
| Other Participants: | Mike Kaiser, Representative; David Collins, Representative; Keith Lunsford, Representative; Carolin Heaviside, Inspector |

**INSPECTION TYPE:**

Routine Operation Inspection for Landfill - Class I facility

Construction Completion Certification Inspection for Landfill - Class I facility

**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

Inspection Date: 12/06/2012

## SECTION 1.0 - FILE REVIEW

Requirements:

The requirements listed in this section provide an opportunity for the Department's inspector to indicate the conditions found at the time of the inspection. A "Not Ok" response to a requirement indicates either a potential violation of the corresponding rule or an area of concern that requires more attention. Both potential violations and areas of concern are discussed further at the end of this inspection report.

| Item No. | FILE REVIEW (Pre- or Post-Inspection, as appropriate.) Completed | Ok | Not Ok | Unk | N/A |
|---|---|---|---|---|---|
| 1.1 | For landfills and C&D disposal facilities, does the facility have a current plan for the method and sequence of filling wastes? 62-701.500(2)(f) for landfills; 62-701.730(7)(a) for C&D debris sites | ✓ | | | |
| 1.2 | For landfills, are the following records being reported to the Department?(Check any that are Not OK)<br>☐ Waste reports (annually) 62-701.500(4)<br>☐ 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)(c) | ✓ | | | |
| 1.6 | Is water quality sampling and testing performed according to standard procedures and at the required frequencies? 62-701.510(2) for landfills; 62-701.730(4)(b) and (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) and (4); 62-701.730(4)(c) and (10) for C&D debris sites; 62-713.400(3) for stationary soil treatment facilities. | | | ✓ | |
| 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? 62-701.600(6)(b), 62-701.730(9)(d) | | | | ✓ |
| 1.9 | Is financial assurance adequate? 62-701.630 for landfills; 62-701.710(7)(a) and (10)(a) for waste processing facilities; 62-701.730(11)(a) for C&D debris facilities; 62-713.600(6)(a) for stationary soil treatment facilities; 62-711.500(3) for waste tire facilities. NOTE: The Solid Waste Financial Coordinator in Tallahassee can assist with this information. | ✓ | | | |
| 1.10 | Are cost estimates current and adjusted every year? 62-701.630(4) for landfills; 62-701.710(7)(b) and (10)(a) for waste processing facilities; 62-701.730(11)(b) and (c) for C&D debris facilities; 62-713.600(6)(b) and (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 facility 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) | | | | ✓ |

Inspection Date: 12/06/2012

## SECTION 2.0 - LANDFILL OPERATION AND MAINTENANCE

Requirements:

The requirements listed in this section provide an opportunity for the Department's inspector to indicate the conditions found at the time of the inspection. A "Not Ok" response to a requirement indicates either a potential violation of the corresponding rule or an area of concern that requires more attention. Both potential violations and areas of concern are discussed further at the end of this inspection report.

| Item No. | SOLID WASTE PROHIBITIONS (unless "grandfathered" in, see 62-701.300(18)) Completed | Ok | Not Ok | Unk | N/A |
|---|---|---|---|---|---|
| 2.1.1 | Unauthorized storage, processing, or disposal of solid waste except as authorized at a permitted solid waste management facility or other exempt facility. 62-701.300(1)(a) | ✓ | | | |
| 2.1.2 | Unauthorized disposal or storage prohibited, except yard trash, within 500 feet of a potable water well? 62-701.300(2)(b) | ✓ | | | |
| 2.2 | Unauthorized storage or disposal of yard trash prohibited within the minimum setbacks of (Check any that are Not OK) 62-701.300(12)<br>☐ 100 feet from potable water wells (except on-site)?<br>☐ 50 feet from water bodies? | ✓ | | | |
| 2.3 | Unauthorized disposal or storage prohibited in any natural or artificial body of water including ground water and wetlands? (Does not apply to standing water after a storm event.) 62-701.300(2)(d) | ✓ | | | |
| 2.4 | Unauthorized disposal or storage prohibited, except yard trash, within 200 feet of any natural or artificial body of water, including wetlands without permanent leachate controls, except impoundments or conveyances which are part of an on-site, permitted stormwater management system or on-site water bodies with no off-site discharge? 62-701.300(2)(e) | ✓ | | | |
| 2.5 | Unauthorized open burning of solid waste prohibited except in accordance with Department requirements? 62-701.300(3) | ✓ | | | |
| 2.6 | Are the following unauthorized wastes or special wastes properly controlled, managed and disposed? (Check any that are Not OK)<br>☐ Hazardous waste 62-701.300(4)<br>☐ Biomedical waste 62-701.300(6)<br>☐ Yard trash 62-701.300(8)(c)<br>☐ Whole waste tires 62-701.300(8)(e)<br>☐ Regulated asbestos waste 62-701.520(3), 62-701.730(19)<br>☐ Used oil and oily wastes, except as exempted 62-701.300(11)<br>☐ PCB wastes 62-701.300(5)<br>☐ Lead-acid batteries 62-701.300(8)(a)<br>☐ White goods 62-701.300(8)(d)<br>☐ Liquids 62-701.300(10)<br>☐ CCA treated wood 62-701.300(14) | ✓ | | | |
| 2.7 | Are only permitted waste types disposed at facility? 62-701.340(2), 62-701.500(6)(a), 62-701.500(2)(c) | ✓ | | | |

| Item No. | LANDFILL OPERATION AND MAINTENANCE Completed | Ok | Not Ok | Unk | N/A |
|---|---|---|---|---|---|
| 2.8 | Is there a trained operator on-site at Class I and III landfills when receiving wastes? 62-701.500(1) | ✓ | | | |
| 2.9 | Is there at least one trained spotter at each working face when receiving wastes at Class I and III landfills? 62-701.500(1) | ✓ | | | |
| 2.10 | Are the following records or plans current and available on-site? (Check any that are Not OK)<br>☐ Training Plan 62-701.320(15)(a)<br>☐ Operating Plan 62-701.500(2)<br>☐ Waste weight records 62-701.500(4)<br>☐ Precipitation records 62-701.500(8)(g) | ✓ | | | |

Inspection Date: 12/06/2012

| Item No. | LANDFILL OPERATION AND MAINTENANCE Completed | Ok | Not Ok | Unk | N/A |
|---|---|---|---|---|---|
| 2.10 | ☐ Load-checking program records 62-701.500(6)(a)<br>☐ Training records 62-701.320(15)(a)<br>☐ Operation record 62-701.500(3)<br>☐ Quantity of leachate 62-701.500(8)(f) | ✓ | | | |
| 2.11 | Is the operation plan substantially followed? 62-701.500(2) | ✓ | | | |
| 2.12 | Is incoming waste weighed? 62-701.500(4)(a) and (2)(d) | ✓ | | | |
| 2.13 | Is the method and sequence of filling waste according to plans? 62-701.500(2)(f) | ✓ | | | |
| 2.14 | Is access properly controlled to prevent unauthorized waste disposal? 62-701.500(5) | ✓ | | | |
| 2.15 | Is waste compacted as required? 62-701.500(7)(a) | ✓ | | | |
| 2.16 | Are the working face and side slopes above ground graded to a slope no greater than 3 feet horizontal to 1 foot vertical rise? 62-701.500(7)(c) | ✓ | | | |
| 2.17 | Is a narrow working face practiced? 62-701.500(7)(d) | ✓ | | | |
| 2.18 | Is the frequency, amount and quality of initial cover, as required? 62-701.500(7)(e) | ✓ | | | |
| 2.19 | Is the frequency, amount and quality of intermediate cover, as required? 62-701.500(7)(f) | ✓ | | | |
| 2.20 | Is litter controlled and are litter control devices maintained? 62-701.500(7)(i) and (11)(f) | ✓ | | | |
| 2.21 | Is erosion control adequate? 62-701.500(7)(j) | ✓ | | | |
| 2.22 | Is the leachate collection and removal system maintained and operated as required? 62-701.500(2)(j), 62-701.500(8)(b) and (h) | ✓ | | | |
| 2.23 | Is leachate disposed of or treated as required? 62-701.500(8)(b), (c) and (d) | ✓ | | | |
| 2.24 | If leachate recirculation is practiced at the facility, is it done in accordance with Department requirements and the Operation Plan? 62-701.400(5) | ✓ | | | |
| 2.25 | Is gas controlled to not cause objectionable odors beyond the property boundary? 62-701.530(3)(b) | ✓ | | | |
| 2.26 | Is gas controlled to not allow combustible gas concentrations to exceed specified limits? 62-701.530(3)(a) | | ✓ | | |
| 2.27 | Are gas vents intact and functioning properly? 62-701.500(9), 62-701.530(1)(a)3 | | | | ✓ |
| 2.28 | Is mixing of leachate and stormwater prevented or minimized? 62-701.500(10), 62-701.400(9)(c) | ✓ | | | |
| 2.29 | Is stormwater management system maintained and operated as required? 62-701.500(10) | ✓ | | | |
| 2.30 | Is there sufficient operating equipment? 62-701.500(11)(a) | ✓ | | | |
| 2.31 | Is there sufficient reserve equipment (or other arrangements)? 62-701.500(11)(b) | ✓ | | | |
| 2.32 | Are communication facilities adequate? 62-701.500(11)(c) | ✓ | | | |
| 2.33 | Are approved dust control methods adequate? 62-701.500(11)(d) | ✓ | | | |
| 2.34 | Are fire protection and fire fighting capabilities adequate and operational? 62-701.500(11)(e) | ✓ | | | |
| 2.35 | Are there required signs for operational directions and public information? 62-701.500(11)(g) | ✓ | | | |
| 2.36 | Are all-weather access roads and inside perimeter roads properly maintained? 62-701.500(12) | ✓ | | | |
| 2.37 | Are ground water wells intact and properly maintained? 62-701.510(2)(b), 62-701.620(8) | ✓ | | | |
| 2.38 | Are all additional specific conditions (not otherwise addressed above) in the permit, Department order, or certification, if any, being followed? 62-701.320(1), 403.161, F.S. | ✓ | | | |

## SECTION 9.0 - WASTE TIRE FACILITIES

Requirements:

The requirements listed in this section provide an opportunity for the Department's inspector to indicate the conditions found at the time of the inspection. A "Not Ok" response to a requirement indicates either a potential violation of the corresponding rule or an area of concern that requires more attention. Both potential violations and areas of concern are discussed further at the end of this inspection report.

| Item No. | SOLID WASTE PROHIBITIONS (unless "grandfathered" in, see 62-701.300(18)) Completed | Ok | Not Ok | Unk | N/A |
|---|---|---|---|---|---|
| 9.1.1 | Unauthorized storage, processing, or disposal of solid waste except as authorized at a permitted solid waste management facility or other exempt facility? 62-701.300(1)(a) | ✓ | | | |
| 9.1.2 | Unauthorized disposal or storage prohibited, except yard trash, within 500 feet of a potable water well? 62-701.300(2)(b) | ✓ | | | |
| 9.2 | Unauthorized storage or disposal of yard trash prohibited within the minimum setbacks of (Check any that are Not OK) 62-701.300(12)<br>☐ 100 feet from potable water wells (except on-site)?<br>☐ 50 feet from water bodies? | ✓ | | | |
| 9.3 | Unauthorized disposal or storage prohibited in any natural or artificial body of water including ground water and wetlands? (Does not apply to standing water after a storm event.) 62-701.300(2)(d) | ✓ | | | |
| 9.4 | Unauthorized disposal or storage prohibited, except yard trash, within 200 feet of any natural or artificial body of water, including wetlands without permanent leachate controls, except impoundments or conveyances which are part of an on-site, permitted stormwater management system or on-site water bodies with no off-site discharge? 62-701.300(2)(e) | ✓ | | | |
| 9.5 | Unauthorized open burning of solid waste prohibited except in accordance with Department requirements? 62-701.300(3) | ✓ | | | |

| Item No. | WASTE TIRE FACILITY - GENERAL REQUIREMENTS FOR STORAGE Completed | Ok | Not Ok | Unk | N/A |
|---|---|---|---|---|---|
| 9.6 | If the facility accepts tires from the public, is a sign posted at the facility entrance stating operating hours, cost of disposal and site rules? 62-711.540(1)(a) | ✓ | | | |
| 9.7 | Are operations involving the use of open flames conducted no closer than 25 feet of a waste tire pile? 62-711.540(1)(b) | ✓ | | | |
| 9.8 | If the facility accepts tires from the public, is an attendant always present on site when the site is open for business? 62-711.540(1)(c) | ✓ | | | |
| 9.9 | Are fire protection services assured through notification to local fire protection authorities? 62-711.540(1)(d) | ✓ | | | |
| 9.10 | Is an annual fire safety survey conducted? 62-711.540(1)(d) | ✓ | | | |
| 9.11 | Is a copy of the annual fire safety report made part of the next quarterly report? 62-711.540(1)(d) | ✓ | | | |
| 9.12 | Does the facility have an Emergency Preparedness Manual (EPM) on-site? 62-711.540(1)(e) | ✓ | | | |
| 9.13 | Does the EPM contain the following information? (Check all that are Not OK)<br>☐ Contact names and numbers 62-711.540(1)(e)1<br>☐ List of emergency response equipment and locations on-site 62-711.540(1)(e)2<br>☐ Procedures to be followed in the event of a fire 62-711.540(1)(e)3 | ✓ | | | |
| 9.14 | Is the operator at the facility maintaining records of the quantity of waste tires received at the site, stored at the site, and shipped from the site? 62-711.540(1)(g) and 62-711.400(5) | ✓ | | | |
| 9.15 | If the operator of the site is not the owner of the property, has written authorization been obtained from the property owner to operate the facility? 62-711.540(1)(h) | | | | ✓ |
| 9.16 | Is adequate communications equipment available at the site? 62-711.540(1)(i) | ✓ | | | |
| 9.17 | Is the owner or operator providing for control of mosquitoes and rodents so as to protect the public health and welfare? 62-711.540(1)(j) | ✓ | | | |

| Item No. | WASTE TIRE FACILITY - STORAGE INDOORS Completed | Ok | Not Ok | Unk | N/A |
|---|---|---|---|---|---|

Inspection Date: 12/06/2012

| Item No. | WASTE TIRE FACILITY - STORAGE INDOORS Completed | Ok | Not Ok | Unk | N/A |
|---|---|---|---|---|---|
| 9.18 | Are waste tire piles more than 50 feet in width? 62-711.540(2)(a) | | | | ✓ |
| 9.19 | Are waste tire piles along a wall more than 25 feet in width? 62-711.540(2)(a) | | | | ✓ |
| 9.20 | Are widths of main aisles between piles less than 8 feet? 62-711.540(2)(b) | | | | ✓ |
| 9.21 | Is there less than 3 feet of clearance between the top of storage to sprinkler detectors or roof structures? 62-711.540(2)(c) | | | | ✓ |
| 9.22 | Is there less than 3 feet of clearance between waste tire piles and unit heaters, etc.? 62-711.540(2)(d) | | | | ✓ |
| 9.23 | If waste tires are stored up to15 feet in height, do walls have at least a 4- hour fire rating? 62-711.540(2)(e) | | | | ✓ |
| 9.24 | If waste tires are stored more than 15 feet in height, do walls have a fire rating of not less than 6 hours and columns one hour FR? If more than 20 feet, do columns and its connections with other structural members have two hour FR? 62-711.540(2)(f) | | | | ✓ |
| 9.25 | Is the access controlled through the use of doors, fences, gates, natural barriers or other means? 62-711.540(2)(h) | | | | ✓ |

| Item No. | WASTE TIRE FACILITY - STORAGE OUTDOORS Completed | Ok | Not Ok | Unk | N/A |
|---|---|---|---|---|---|
| 9.26 | Is the waste tire site operated within 200 feet from a body of water? 62-711.540(3)(a) | ✓ | | | |
| 9.27 | Does the waste tire pile have a width less than 50 feet? 62-711.540(3)(b) | ✓ | | | |
| 9.28 | Does the waste tire pile have an area less than 10,000 sq. ft? 62-711.540(3)(b) | ✓ | | | |
| 9.29 | Does the waste tire pile have a height less than 15 feet? 62-711.540(3)(b) | ✓ | | | |
| 9.30 | Is there a 50 feet wide fire lane around the perimeter of the waste tire pile? 62-711.540(3)(c) | ✓ | | | |
| 9.31 | Is there unobstructed access to the fire lane? 62-711.540(3)(c) | ✓ | | | |
| 9.32 | Is the access controlled through the use of doors, fences, gates, natural barriers or other means? 62-711.540(3)(d) | ✓ | | | |
| 9.33 | Is the site kept free of grass, underbrush, and other potentially flammable vegetation? 62-711.540(3)(f) | ✓ | | | |
| 9.34 | Is the site bermed or given other adequate protection to prevent liquid runoff from entering water bodies? 62-711.540(3)(e) | ✓ | | | |
| 9.35 | Are residuals contained on-site and disposed of in a permitted solid waste management facility or properly recycled? 62-711.540(5) | ✓ | | | |
| 9.36 | Does the waste tire site qualify for the exceptions to the technical and operational standards as allowed by rule? 62-711.540(6) | | | | ✓ |

| Item No. | WASTE TIRE FACILITY - COLLECTION CENTER Completed | Ok | Not Ok | Unk | N/A |
|---|---|---|---|---|---|
| 9.37 | Are no more than 1,500 tires at the collection center at any one time? 62-711.550(1)(a) | | | | ✓ |
| 9.38 | Are all waste tires, which are not used tires, removed from site yearly for recycling, processing, or disposal? 62-711.550(1)(b) | | | | ✓ |

**Pre-existing Areas Of Concern:**

Rule: 62-701.530(3)(a)

Question Number: 2.26

Explanation: CH4 concentrations as reported quarterly exceed the LEL at various monitoring points.

Corrective Action: Continue pursuing investigative and corrective actions as discussed with Department.

**COMMENTS:**

12/11/2012

Item No. 1.7: The water quality report is reviewed as a separate function and is not deemed part of this inspection report.

Leachate Pond Construction:
The new leachate containment pond was under construction at the time of this inspection. The pond is divided into three cells. The second layer of geocomposite was being installed. The construction is anticipated to be completed near the end of January 2013.

2012 Phase I Partial Closure Construction Completion:
The 2012 Phase I Partial Closure project was complete at the time of this inspection. The closed area was sodded and had no signs of erosion. Minor ponding was noted along the drainage path of the top most bench. A gas smell was noted on the east side near the interface with the open area. Gas wells were being inspected for routine maintenance at the time of this inspection.

Working Face:
The working face was in good order at the time of this inspection.

Perimeter:
Litter was being picked up near the working face. No litter was noted around the perimeter. No erosion or leachate seeps were noted. The perimeter dry retention ditch was being cleaned out. The flare was functioning properly at the time of this inspection.

Waste Tires:
The waste tire processing area was in good order at the time of this inspection.

ASR:
The ASR was not in operation at the time of this inspection. The area was in good order.

**ATTACHMENTS:**

Leachate Pond Anchor Trench




Leachate Pond Cell



Inspection Date: 12/06/2012

East Side Partial Closure




Top Partial Closure




West Side Partial Closure




Working Face



Inspection Date: 12/06/2012

**Signed:**

| | |
|---|---|
| Kimberly M. Rush | Engineer |
| **PRINCIPAL INSPECTOR NAME** | **PRINCIPAL INSPECTOR TITLE** |
|  | FDEP |
| **PRINCIPAL INSPECTOR SIGNATURE** | **ORGANIZATION** |

12/10/2012

**DATE**

| | |
|---|---|
| Carolin Heaviside | Inspector |
| **INSPECTOR NAME** | **INSPECTOR TITLE** |
| NO SIGNATURE | FDEP |
| **INSPECTOR SIGNATURE** | **ORGANIZATION** |

| | |
|---|---|
| Mike Kaiser | Representative |
| **REPRESENTATIVE NAME** | **REPRESENTATIVE TITLE** |
| NO SIGNATURE | JED |
| **REPRESENTATIVE SIGNATURE** | **ORGANIZATION** |

| | |
|---|---|
| David Collins | Representative |
| **REPRESENTATIVE NAME** | **REPRESENTATIVE TITLE** |
| NO SIGNATURE | JED |
| **REPRESENTATIVE SIGNATURE** | **ORGANIZATION** |

| | |
|---|---|
| Keith Lunsford | Representative |
| **REPRESENTATIVE NAME** | **REPRESENTATIVE TITLE** |
| NO SIGNATURE | JED |
| **REPRESENTATIVE SIGNATURE** | **ORGANIZATION** |

**Supervisor:** **Gloria DePradine**

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.