



**Florida Department of
Environmental Protection
Inspection Checklist**

FACILITY INFORMATION:

Facility Name: ENTERPRISE LF & RECYC (FKA SID LARKIN & SON, INC.)

On-Site Inspection Start Date: 12/17/2009

On-Site Inspection End Date: 12/17/2009

WACS No.: 87895

Facility Street Address: 41111 ENTERPRISE ROAD

City: DADE CITY

County Name: PASCO

Zip: 33525

INSPECTION PARTICIPANTS:

(Include ALL Landfill and Department Personnel with Corresponding Titles)

Principal Inspector: Melissa Madden, Inspector

Other Participants: Stephanie Watson; Jeff Rogers

INSPECTION TYPE:

Routine Operation Inspection for Landfill - Class III facility

Routine Operation Inspection for Other Facilities - Yard Trash Processing 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 10.0 - YARD TRASH PROCESSING FACILITIES

Inspection Date: 12/17/2009

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, 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)				✓

Inspection Date: 12/17/2009

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(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) <input type="checkbox"/> Training records 62-701.320(15)(a)	✓			

Inspection Date: 12/17/2009

Item No.	LANDFILL OPERATION AND MAINTENANCE Completed	Ok	Not Ok	Unk	N/A
2.12	<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)	✓			

Inspection Date: 12/17/2009

SECTION 10.0 - YARD TRASH PROCESSING 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.

- | | | |
|---|---|---|
| <p>TYPE OF FACILITY (check all that apply)</p> <p><input type="checkbox"/> Yard Trash Transfer Station</p> <p><input checked="" type="checkbox"/> Yard Trash Recycling</p> <p><input checked="" type="checkbox"/> Accepts vegetative debris</p> <p><input type="checkbox"/> Accepts clean wood</p> | <p>Method of Composting</p> <p><input type="checkbox"/> Windrow (turning equipment)</p> <p><input type="checkbox"/> Passive aerated windrows</p> <p><input type="checkbox"/> Aerated static piles</p> <p><input type="checkbox"/> In-vessel composting</p> | <p>Produces</p> <p><input checked="" type="checkbox"/> Mulch</p> <p><input type="checkbox"/> Firewood</p> <p><input type="checkbox"/> Fuel</p> <p><input type="checkbox"/> Other</p> |
|---|---|---|

Item No.	SOLID WASTE PROHIBITIONS (unless "grandfathered" in, see 62-701.300(16)) Completed	Ok	Not Ok	Unk	N/A
10.1	Unauthorized disposal/storage prohibited, except yard trash, within 500' of a potable water well? 62-701.300(2)(b)	✓			
10.2	Unauthorized disposal/storage prohibited, except yard trash, within 1000' of a potable water well serving a community water system? 62-701.300(2)(h)	✓			
10.3	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?	✓			
10.4	Unauthorized disposal/storage in a dewatered pit without liner or leachate controls? 62-701.300(2)(c)	✓			
10.5	Unauthorized disposal/storage prohibited in an area subject to frequent and periodic flooding unless flood protection measures in place? 62-701.300(2)(d) & 62-709.320(3)	✓			
10.6	Unauthorized disposal/storage prohibited in any natural or artificial body of water including ground water? 62-701.300(2)(e) & 62-709.320(3)	✓			
10.7	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) & 62-709.320(3)	✓			
10.8	Unauthorized open burning of solid waste prohibited except in accordance with Department requirements? 62-701.300(3) & 62-709.320(3)	✓			
10.9	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- <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) <input type="checkbox"/> NOTE: Rule 62-709.320(4)(e) requires the following materials be	✓			

Item No.	YARD TRASH PROCESSING FACILITY OPERATION AND MAINTENANCE Completed	Ok	Not Ok	Unk	N/A
10.10	Is there an effective barrier to prevent unauthorized entry and dumping into the facility site? 62-709.320(4)(a)1.	✓			
10.11	Are dust control methods adequate? 62-709.320(4)(a)2.	✓			

Inspection Date: 12/17/2009

Item No.	YARD TRASH PROCESSING FACILITY OPERATION AND MAINTENANCE Completed	Ok	Not Ok	Unk	N/A
10.12	Are there fire protection and control methods to deal with accidental burning of solid waste? 62-709.320(4)(a)3.	✓			
10.13	Is all weather access road, at least 20 feet wide, all around the perimeter of the site? 62-709.320(4)(a)3.a.	✓			
10.14	Are interior lanes at least 15 feet wide? 62-709.320(4)(a)3.b.	✓			
10.15	Is no part of the area that is occupied by processed or unprocessed material more than 50 feet from access by motorized fire fighting equipment? 62-709.320(4)(a)3.c.	✓			
10.16	Is facility operated in a manner to control disease vectors, and to control objectionable odors? 62-709.320(4)(b)	✓			
10.17	Is yard trash received at the facility processed or removed within 6 months, or within the period required to receive 3,000 tons or 12,000 cubic yards, whichever is greatest? [Segregated logs must be processed or removed within 12 months.] 62-709.320(4)(c)	✓			
10.18	Is processed material removed from the facility within 18 months, if not authorized under another Department solid waste management facility permit? 62-709.320(4)(d)	✓			
10.19	Are only yard trash and bags used to collect yard trash accepted at the facility? 62-709.320(4)(e)	✓			
10.20	Are unauthorized wastes containerized and putrescible materials removed within 48 hours? 62-709.320(4)(e)	✓			

Item No.	YARD TRASH REGISTRATION Completed	Ok	Not Ok	Unk	N/A
10.21	Is the registration for the facility current and on file with the Department? 62-709.320(5)(b)			✓	
10.22	Are renewal applications for annual registration of the facility submitted to the Department by April 1st, if applicable? 62-709.320(5)(c)			✓	
10.23	Are monthly records of incoming and outgoing material kept on-site or at another location as indicated in the registration form for at least three years? 62-709.320(6)			✓	
10.24	Are Annual Reports, based upon the preceding calendar year, summarizing monthly records, submitted to the Department as required? 62-709.320(6)			✓	

COMMENTS:

01/25/2010

During the inspection, Department staff observed excavation activities in the Class III expansion areas (Cells 6&7). It appeared that a large area of limerock had been encountered west of Cell 4. Please clarify if this large area of encountered limestone has been reported to the Department. The Department last received a "Limerock Observation Log" on April 17, 2009. It does not appear that the April 16, 2009 (received April 17, 2009, above) log included the items requested in Specific Condition A.9.a of Permit 177982-007-SO, including the location, elevation, and extent of limestone shown on a site map or a plan of action which ensures that groundwater will not be adversely impacted. Please provide additional information about the proposed time frames for excavation of the limerock "pinnacle" described in the April 16, 2009 report. Please include an estimated time frame in which the facility plans to conduct the activities described in Remediation Item 2 of the April 16, 2009 "Limerock Observation Log," which includes over-excavation and backfilling activities.

02/04/2010

Item 2.9 - During the inspection, Department staff observed minor unacceptable waste in the spotted, pushed loads including a portable drill battery, a small circuit board, and a discrete area of food containers (yogurt cup, egg container), Specific Condition C.10.c. The majority of the working face consisted of a load of moist insulation which appeared to be harboring flies (vectors). Operator indicated flies are normally present at the facility and are possibly the result of neighboring chicken farms. Please provide additional information about vector control at the facility and provide corrective actions for abating the nuisance conditions, Specific Condition C.5.a.

02/04/2010

Item 2.27, 2.28 - The facility detected gas exceedances (above 100%LEL) at GP-12 prior to submitting the Q3 2009 sampling results. The facility installed additional gas probes closer to the

Inspection Date: 12/17/2009

property boundary on September 16, 2009 including GP-12R and GP-13R. The facility is not conducting monthly monitoring are the newly installed probes to ensure compliance with the permit and to prevent off-site migration of gas. Based on the previously submitted monitoring reports, it does not appear that the facility is reporting monitoring for landfill gas in on-site structures. Please clarify if the facility monitors any on-site structures which are susceptible to gas accumulation.

01/24/2010

Item 2.27 - Prior to arriving at the facility, off-site odor was observed immediately south of the active area along Enterprise Road. The facility appeared to have adequate cover and no major erosion was observed.

01/24/2010

Facility is currently filling near the western edge of the Cell 3/4 boundary and are filling toward the N. They are currently receiving an average of 400-500 cubic yards per day. The facility covers a majority of the active area on Fridays, closing the working face out each Saturday. Several small palms were observed growing in the intermediate cover along the W slope and should be removed.

01/24/2010

Item 2.39 - Did not check all wells.

ATTACHMENTS:

Working Face



Scrap metal for recycling



W slope, looking S



W slope, looking N



Inspection Date: 12/17/2009

Encountered limestone, excavation



Unacceptable-circuitboard,battery



Unacceptable-food containers



WF - insulation



Top, Cell 3 & traffic area



Cell 4/3, looking N



Inspection Date: 12/17/2009

concrete area



YT area - processed mat



Inspection Date: 12/17/2009

Signed:

Melissa Madden

PRINCIPAL INSPECTOR NAME

Inspector

PRINCIPAL INSPECTOR TITLE



PRINCIPAL INSPECTOR SIGNATURE

2/4/2010

DATE

Stephanie Watson

INSPECTOR NAME

NO SIGNATURE

INSPECTOR SIGNATURE

Jeff Rogers

REPRESENTATIVE NAME

NO SIGNATURE

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.