



DEPARTMENT OF
ENVIRONMENTAL PROTECTION

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INSPECTION REPORT

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SITE NAME:	AIRS ID:
OKEECHOBEE LANDFILL	0930104
OWNER/COMPANY NAME:	COUNTY:
OKEECHOBEE LANDFILL, INC.	OKEECHOBEE
SITE ADDRESS:	TITLE V:
10800 N.E. 128TH AVENUE	Yes
ACTIVITY CODE:	INSPECTION DATE:
INS2 - COMPLIANCE INSPECTION WALK THROUGH	6/6/2013

SECTION I: FACILITY CONTACT INFORMATION			
Contact Name	Title	Phone	Email Address
Tony Bishop	District Manager	863-357-0111	tbishop2@wm.com
Jim Christiansen	Environmental Protection Manager	321-704-4162	jchristi@wm.com

SECTION II: FACILITY-WIDE CONDITIONS (STATUS)	COMMENTS
OBJECTIONABLE ODORS: IN COMPLIANCE	
PM AND VE: IN COMPLIANCE	
UNREGULATED EU's: IN COMPLIANCE	
INSIGNIFICANT EU's: IN COMPLIANCE	
VOC's & ORGANIC SOLVENTS: IN COMPLIANCE	
OTHER NON-EU REQUIREMENTS: IN COMPLIANCE	
BASED ON THE ABOVE, THE FACILITY-WIDE COMPLIANCE CONDITION IS: IN COMPLIANCE	

SECTION III: REGULATED EMISSION UNIT(S) CONDITIONS				
AIRS ID	EU#	Emission Unit Description	EU Class	ARMS Status
0930104	1	Municipal Solid Waste Landfill	Regulated Emissions Unit	ACTIVE
Grouping		EU Compliance Status		Comments
		IN COMPLIANCE		
SCC:		50100402	SCC Units:	Acre-Years Landfill Existing
Process/Fuel Description:		Waste Disposal; Solid Waste Disposal - Government; Landfill Dump; Fugitive Emissions;		
Segment Description:		uncollected emissions		

AIRS ID	EU#	Emission Unit Description	EU Class	ARMS Status
0930104	8	1500 SCFM OPEN UTILITY FLARE (CD-06)	Regulated Emissions Unit	ACTIVE
Grouping		EU Compliance Status		Comments
		IN COMPLIANCE		
SCC:		50100410	SCC Units:	Million Cubic Feet Waste Gas Burned
Process/Fuel Description:		Waste Disposal; Solid Waste Disposal - Government; Landfill Dump; Waste Gas Destruction: Waste Gas Flares;		
Segment Description:		1500 SCFM Waste gas flare		

AIRS ID	EU#	Emission Unit Description	EU Class	ARMS Status
0930104	9	3000 SCFM OPEN UTILITY FLARE (CD-07)	Regulated Emissions Unit	ACTIVE
Grouping		EU Compliance Status		Comments
		IN COMPLIANCE		
SCC:		50100410	SCC Units:	Million Cubic Feet Waste Gas Burned
Process/Fuel Description:		Waste Disposal; Solid Waste Disposal - Government; Landfill Dump; Waste Gas Destruction: Waste Gas Flares;		
Segment Description:		3000 SCFM Waste Gas Flare (CD-07)		

AIRS ID	EU#	Emission Unit Description	EU Class	ARMS Status
0930104	10	3000 SCFM OPEN UTILITY FLARE (CD-08)	Regulated Emissions Unit	ACTIVE
Grouping		EU Compliance Status	Comments	
		IN COMPLIANCE		
SCC:		50100410	SCC Units:	Million Cubic Feet Waste Gas Burned
Process/Fuel Description:		Waste Disposal; Solid Waste Disposal - Government; Landfill Dump; Waste Gas Destruction: Waste Gas Flares;		

Segment Description:	3000 SCFM Waste Gas Flare
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AIRS ID	EU#	Emission Unit Description	EU Class	ARMS Status
0930104	17	Tradewinds Model TP-3000 Generator	Regulated Emissions Unit	ACTIVE
Grouping		EU Compliance Status	Comments	
		IN COMPLIANCE		

AIRS ID	EU#	Emission Unit Description	EU Class	ARMS Status
0930104	18	Generac Model Guardian 004723-1 Generator	Regulated Emissions Unit	ACTIVE
Grouping		EU Compliance Status	Comments	
		IN COMPLIANCE		

AIRS ID	EU#	Emission Unit Description	EU Class	ARMS Status
0930104	19	Baldor Model DLC50-JD Generator	Regulated Emissions Unit	ACTIVE
Grouping		EU Compliance Status	Comments	
		IN COMPLIANCE		

AIRS ID	EU#	Emission Unit Description	EU Class	ARMS Status
0930104	20	Thompson Diesel Water Pump	Regulated Emissions Unit	ACTIVE
Grouping		EU Compliance Status	Comments	
		IN COMPLIANCE		

AIRS ID	EU#	Emission Unit Description	EU Class	ARMS Status
0930104	21	Caterpillar Diesel Emergency Generator	Regulated Emissions Unit	ACTIVE
Grouping		EU Compliance Status	Comments	
		IN COMPLIANCE		

SECTION IV: OTHER COMMENTS/RECOMMENDATIONS/PERMIT EXPIRATION DATES FOR FACILITY 0930104

LH ANDST: Arrived at the facility at 10:00 a.m. This was a joint inspection with the SED Solid Waste Program and Okeechobee Field Office. FDEP participants included Lee Hoefert, Scott Trainor, Amede Dimonnay, and Greg Kennedy. Waste Management Participants included Jim Christiansen and Tony Bishop. The first part of the inspection was a review of site files. The FDEP office files were reviewed prior to the site visit. The landfill maintains all their files in an electronic format. All files were pulled up on a computer. Jim Christiansen agreed to email requested documents to Lee Hoefert after the conclusion of the inspection. Several SSM reports were reviewed, a copy of a 10/25/2013 flare shutdown event is attached to the report. The 4th quarter 2012 surface emissions report showed that sampling took place at 515 points on 10/9. One point (pt. 432) had an exceedance reading of 739 ppm methane. The point was at acceptable levels on the subsequent 10/16 and 11/2 rechecks. The 4th quarter report is attached. The monthly well monitoring reports were reviewed. The 2nd half 2012 summary report for well 079 is attached. In July 2011, the facility reported the evidence of a fire in the landfill. Sampling results showed elevated temperatures in area of well 128-130, 149-155. Sampling for CO was also performed, showing elevated levels of CO, also an indicator of an in landfill fire. The landfill has been addressing the issue by closing off wells in the affected area to prevent air entrained air from flowing into the affected areas. The 2nd half 2012 summary report for well 152 is attached. The file review was followed up with an inspection the newly installed Gas Desulfurization Plant. The landfill was experiencing high levels of H2S in the landfill gas. The elevated levels of H2S were causing the landfill SO2 emissions to exceed the 250 emission limit that triggers PSD review. The field inspection of the remainder of the landfill was cut short due to a medical emergency of a family member of one of the inspectors. The inspection was concluded at 150 am. A Full Compliance Evaluation Checklist was completed and is attached to this inspection report.

INSPECTOR(S):

Name	Office	Phone	Email Address	Inspector of Record
Lee Hoefert	SED	561-681-6626	lee.hoefert@dep.state.fl.us	Y
Scott Trainor	SED	561-681-6629	scott.trainor@dep.state.fl.us	
Amede Dimonnay	SED	561-681-6667	amede.dimonnay@dep.state.fl.us	

OVERALL COMPLIANCE STATUS FOR FACILITY 0930104 - IN COMPLIANCE

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