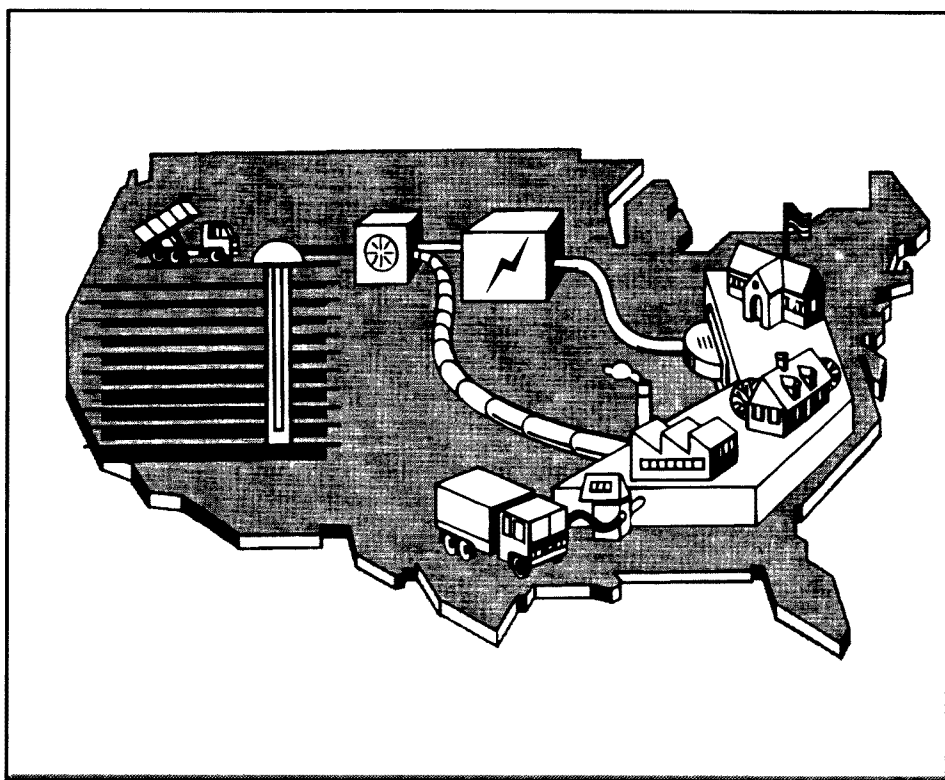




# Landfill Gas-to-Energy Project Opportunities

## Landfill Profiles for the State of Florida



## EPA Landfill Methane Outreach Program



The EPA Landfill Methane Outreach Program, a key component of the United State's *Climate Change Action Plan*, encourages the use of landfill gas (LFG) as an energy resource. EPA assists utilities, municipal and private landfill owners and operators, tribes, and state agencies in reducing methane emissions from landfills through the development of profitable landfill energy recovery projects. Methane captured from landfills can be transformed into a cost-effective fuel source for electricity, heat, boiler and vehicular fuel, or sale to a pipeline. EPA estimates there are approximately 200 landfill methane recovery projects in the U.S. and that up to 750 landfills could install economically viable landfill energy projects.

The Landfill Methane Outreach Program includes five important components: the State Ally, Energy Ally, Industry Ally, Community Partner, and Endorser programs. EPA establishes separate alliances with state agencies, energy providers (including investor-owned, municipal and other public power utilities and cooperatives), key trade and public sector associations, members of the landfill gas development industry (including developers, engineers, equipment vendors, and others) and local communities, municipalities and landfill owner/operators through a Memorandum of Understanding (MOU). By signing the MOU, each Ally/Partner acknowledges a shared commitment to the promotion of landfill gas-to-energy recovery at solid waste landfills, recognizes that the widespread use of landfill gas will reduce emissions of methane and other gases, and commits to undertake activities to enhance development of this resource. In return, EPA agrees to provide landfill gas-to-energy project assistance and public recognition of the Allies' and Partners' participation in the program.

## Introduction

Since 1994 the U.S. EPA's Landfill Methane Outreach Program (LMOP) has participated in an ongoing effort to gather information on Municipal Solid Waste landfills (MSW). A key component of the LMOP is to provide MSW landfill owners and operators, project developers, utilities, and other potential project participants with information on MSW landfills that may offer attractive energy development opportunities. This document presents state specific landfill information, hereinafter referred to as the landfill profiles. These profiles are useful to evaluate the potential for developing landfill gas-to-energy projects (LFGTE). EPA assembled this information from state and local sources as well as various national solid waste publications, landfill owners and operators, and project developers.

The EPA has prepared a separate document to describe the methodology used to develop the state-specific landfill profiles and estimate the benefits of using LFGTE as an energy source. The document, *Landfill Gas-to-Energy Project Opportunities, Background Information on Landfill Profiles*, contains background information on gas collection and use, describes the data fields according to the five sections listed on the landfill profiles, and where applicable, illustrates calculations and default values used to derive estimates. EPA strongly recommends that users read the document prior to using the landfill profiles. Users can obtain the document by calling the LMOP hotline at 1-888-STAR-YES.

### Data Sources

- EPA-ORD Landfill Gas Utilization-Survey (Thorneloe, 1997)
- Directory and Atlas of Solid Waste Disposal Facilities (SWA, 1994)
- Implementation Guide for Landfill Gas Recovery Projects in the Northeast (SCS, 1994)
- Landfill Gas-to-Energy 1994-1995 Activity Report (SWT, 1994)
- Methane Recovery from Landfill Yearbook (GAA, 1994)
- Project developers, landfill owners, and operators
- State and local records
- Survey of Landfill Gas Generation Potential (EPRI, 1992)
- U.S. Landfill Directory (SWANA, 1992)

## Landfill Classification

To facilitate the use of available landfill information, EPA has categorized the landfills into five categories: Current Project,<sup>1</sup> Candidate Project, Shutdown, Other, and Unknown waste-in-place (WIP). These categories are based on the status of the landfill's LFGTE project(s) and WIP. The generation of methane is a function of many factors, the most critical being the amount of waste-in-place and the number of years the waste has been in the landfill. Peak methane generation occurs soon after closure; therefore, the longer the landfill has been closed, the less attractive it becomes for methane recovery. Based on the general timing of peak methane generation, EPA assumes that landfills that ceased accepting waste prior to 1993 have a low probability of generating enough methane to make a gas recovery project economical. Consequently, landfills need to be operating in 1993 to be considered as having a Candidate Project.

### Landfill Categorizes

#### Current Project:

- Landfill with operational LFGTE project or landfill with LFGTE project under construction.

#### Candidate Project:

- Landfill with a potential or planned LFGTE utilization project; or
- Landfill is currently operating or closed after 1993; and has more than 1,000,000 tons of municipal solid waste-in-place.<sup>2</sup>

#### Shutdown:

- Landfill with shutdown LFGTE project.

#### Other:

- Landfill has less than 1,000,000 tons of municipal solid waste-in-place with no current or planned LFGTE project.

#### Unknown WIP:

- Landfill with insufficient data to determine the waste-in-place.

## State Summary

State-specific landfill profile information is summarized in three exhibits. Exhibit 1 presents a summary of the state-specific potential for LFG utilization energy by landfill category. Exhibit 2 summarizes the emissions avoided by fossil fuel displacement for electricity generation and direct use projects. Exhibit 3 presents an index of the state-specific MSW landfills, referenced by category, landfill name and general characteristics.

<sup>1</sup> Current projects illustrate the wide range of successful project development options.

<sup>2</sup> By modeling the relationship between WIP and methane generation, a cut-off of 1,000,000 tons of WIP was established; landfills having at least 1,000,000 tons of WIP are considered candidate landfills.



## Exhibit 1: Florida MSW Landfill Summary

Category	No. of Landfills	Est. Capacity Potential		Est. CH4 Generation (mmscf/d)	Methane Reduction (tons/yr)		CO2 Equivalent of CH4 Reduction (tons/yr)	
		Electricity (MW)	Gas Capacity (mmBtu/hr)		Potential	Current	Potential	Current
Current	9	64	639	20	118,279	103,684	2,483,863	2,177,354
Candidate	17	77	770	25	142,379	60,900	2,989,965	1,278,892
Other	21	35	348	11	64,261	0	1,349,471	0
Unknown WIP	12							
Total	59	176	1,757	56	324,919	164,583	6,823,299	3,456,245

## Exhibit 2: Potential Florida Emissions Avoided by Fossil Fuel Displacement

Category	Electricity Generation Project						Direct Use Project					
	CO2 (tons/yr)			SO2 (tons/yr)			CO2 (tons/yr)			SO2 (tons/yr)		
	Coal	Oil	Natural Gas	Coal	Oil	Natural Gas	Coal	Oil	Natural Gas	Coal	Oil	Natural Gas
Current	505,137	414,593	278,778	3,193	2,669	0	356,182	292,338	196,572	3,241	1,704	2
Candidate	606,953	498,160	334,969	3,836	3,206	0	428,755	351,903	236,624	3,901	2,051	2
Other	275,458	226,083	152,021	1,741	1,455	0	193,511	158,825	106,796	1,761	926	1
Unknown WIP												
Total	1,387,548	1,138,836	765,769	8,771	7,330	0	978,449	803,066	539,993	8,903	4,680	5

### Exhibit 3: Index of Landfills in Florida

Category	Landfill Name	WIP			Landfill Operating in 1998	LFG Collected	LFG Utilization Project	Status of LFGTE Project
		<2.5 million tons	2.5 to 4 million tons	>4 million tons				
Current	Berman Road LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	Central Disposal SLF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	Girvin Road LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	North Central LF Site 201	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	Orange County SLF AKA Demonstratio	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	Perdido LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	South Dade Solid Waste Disposal Facil	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Construction
Current	Sunbeam Road SLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	Tomoka Farms Road LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Candidate	Base Line LF Class I	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	Bee Ridge LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Brevard County Central LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	Charlotte County SLF Zemel Road	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Citrus Central SLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Croom SLF High Corner Road	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Gulf Coast LF	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Planned
Candidate	Indian River County LF Class I	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	Medley LF Expansion	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	Naples SLF Cell #6 Collier County	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	North LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Planned
Candidate	Osceola Road LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Palm Beach County LF #3 Dyer Road	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Planned
Candidate	Southport Road SLF Phase I & II	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	U.S. 27 South LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	West Palm Beach #7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Planned
Candidate	Wright LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Other	Aucilla Area SW Facility Class I & 2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	DeSoto City SLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Huntington SLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Lena Road County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Madison City/County SLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Majette North SLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Martin County Palm City II SLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Putnam County Central LF Phase II	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Putnam County Central SLF	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Rosemary Hill LF Expansion Class I	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Saint Cloud City LF Class I	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Saint Lucie County SLF Phase I	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Santa Rosa Central LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown

### Exhibit 3: Index of Landfills in Florida

Category	Landfill Name	WIP			Landfill Operating in 1998	LFG Collected	LFG Utilization Project	Status of LFGTE Project
		<2.5 million tons	2.5 to 4 million tons	>4 million tons				
Other	South Dade Dump	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Springhill Regional Landfill	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Stock Island LF Key West	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	SW Alachua SLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Taylor County Central LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Tillman Ridge SLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Trail Ridge LF	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	West Nassau SLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Boca Raton Garbage Dump	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Columbia County Central LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Largo City SLF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	New River Regional LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	North Duval SLF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Northwest Hillsborough SLF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Pinecrest LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Pinellas County SLF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Ridge Road LF New Port Richey	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Sandler Road SLF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	South Dade SW Reduction Facility	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Toytown SLF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown

**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Annual Acceptance Rate (tons):	171,600
Landfill Owner Type:	Year Annual Acceptance Rate Reported:	1991
Alternative Landfill Name:	Design Capacity (tons):	3,800,000
City: Ocala	Acres Currently Landfilled (acres):	57
County: Marion	Average Depth (feet):	160
State: FL	1997 Waste-in-Place (tons):	2,200,000
Year Open: 1977	1998 Waste-in-Place (tons):	2,371,600
Year Closed: 2005		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d): 1.02

LFG Collection System Status:

Current LFG Collected (mmscf/d):

Collection and Treatment System Required Under NSPS/EG: No

**C. LANDFILL GAS UTILIZATION**

## Current Utilization:

Utilization System Status: Potential

Utilization System Type: Unknown

Utilization System Start Year:

Electric Utility Provider(s):

Natural Gas Provider(s):

Energy Purchaser(s):

Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr)

Estimated Potential Capacity:	3	32
Current Capacity:		
Planned Capacity:		

Utilities in County: Clay Electric Cooperative Inc; Florida Power Corporation; Ocala Electric Utility; Sumter Electric Co

**D. ENVIROMENTAL BENEFITS OF UTILIZATION**

	Potential		Current	
Methane Reduction (tons/yr):	5,924		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	124,398		0	
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project		Direct Use Project	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	25,257	160	17,839	162
Fuel Oil:	20,730	133	14,641	85
Natural Gas:	13,939	0	9,845	0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:	Allen Ellison, Solid Waste Director	
Mailing Address:	5601 Southeast 66th Street	5601 SE 66th Street
Phone Number:	904-245-4584	352-245-4584
Fax Number:	904-245-5954	

\* Italicized indicates values estimated by EPA.

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Sarasota County, Solid Waste Department	Annual Acceptance Rate (tons):	161,290
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Sarasota	Acres Currently Landfilled (acres):	120
County:	Sarasota	Average Depth (feet):	50
State:	FL	1998 Waste-in-Place (tons):	4,978,200
Year Open:	1970	1998 Waste-in-Place (tons):	4,978,200
Year Closed:	1998		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	1.69
LFG Collection System Status:	Operational
Current LFG Collected (mmscf/d):	0.9
Collection and Treatment System Required Under NSPS/EG:	Yes

**C. LANDFILL GAS UTILIZATION**

Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:	1997		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	Sarasota County Sewage Treatment Plant		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	5		
Current Capacity:			
Planned Capacity:	2.7		

Utilities in County: Florida Power & Light Company; Peace River Electric Coop Inc

**D. ENVIROMENTAL BENEFITS OF UTILIZATION**

	Potential		Current	
Methane Reduction (tons/yr):		9,778		3,469
CO2 Equivalent of CH4 Reduction (tons/yr):		205,346		72,849
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project		Direct Use Project	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	41,832	264	29,446	268
Fuel Oil:	34,334	221	24,168	141
Natural Gas:	23,086	0	16,251	0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:	Gary Bennett, Director	Gary Bennett
Mailing Address:	3982 Bee Ridge Road H/B	8350 Bee Ridge Road
Phone Number:	941-316-1166	941-316-1166
Fax Number:	813-364-4377	

\* *Italicized indicates values estimated by EPA.*

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	WMI	Annual Acceptance Rate (tons):	96,000
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	185,362,927
City:	Okeechobee	Acres Currently Landfilled (acres):	27.3
County:	Okeechobee	Average Depth (feet):	220
State:	FL	Waste-in-Place (tons):	4,375,800
Year Open:	1980	1998 Waste-in-Place (tons):	4,890,600
Year Closed:	2050		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d): 1.67

LFG Collection System Status:

Current LFG Collected (mmscf/d):

Collection and Treatment System Required Under NSPS/EG: No

**C. LANDFILL GAS UTILIZATION**

## Current Utilization:

Utilization System Status: Operational

Utilization System Type: Leachate Evaporation

Utilization System Start Year: 1996

Electric Utility Provider(s):

Natural Gas Provider(s):

Energy Purchaser(s):

Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr)

Estimated Potential Capacity:	5	52
Current Capacity:		
Planned Capacity:		

Utilities in County: Florida Power & Light Company; Glades Electric Coop Inc

**D. ENVIROMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		<i>Current</i>	
<i>Methane Reduction (tons/yr):</i>	9,649		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	202,625		0	
<i>Emissions Avoided by Fossil Fuel Displacement:</i>	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>
<i>Coal:</i>	41,042	259	29,056	264
<i>Fuel Oil:</i>	33,686	217	23,848	139
<i>Natural Gas:</i>	22,651	0	16,036	0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:	Landfill Owner	Caroline McReedy
Mailing Address:	10800 Northeast 128 Avenue	10800 Northeast 128 Avenue
Phone Number:	813-357-0111	941-357-0111
Fax Number:		



**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Brevard County, Solid Waste Department	Annual Acceptance Rate (tons):	100,100
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1994
Alternative Landfill Name:	Central Disposal/ Emergency LF	Design Capacity (tons):	
City:	Cocoa	Acres Currently Landfilled (acres):	192
County:	Brevard	Average Depth (feet):	
State:	FL	Waste-in-Place (tons):	1,601,600
Year Open:	1976	1998 Waste-in-Place (tons):	2,302,300
Year Closed:	2003		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	1.01
LFG Collection System Status:	Operational
Current LFG Collected (mmscf/d):	10.0
Collection and Treatment System Required Under NSPS/EG:	Yes

**C. LANDFILL GAS UTILIZATION**

## Current Utilization:

Utilization System Status:	Potential
Utilization System Type:	Unknown
Utilization System Start Year:	
Electric Utility Provider(s):	
Natural Gas Provider(s):	
Energy Purchaser(s):	

Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr)

Estimated Potential Capacity:	3	32
Current Capacity:		
Planned Capacity:	1.5	208

Utilities in County: Florida Power &amp; Light Company; Peace River Electric Coop Inc

**D. ENVIROMENTAL BENEFITS OF UTILIZATION**

	Potential		Current	
Methane Reduction (tons/yr):		5,821		38,544
CO2 Equivalent of CH4 Reduction (tons/yr):		122,247		809,424
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project		Direct Use Project	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	24,468	155	17,530	160
Fuel Oil:	20,082	129	14,388	84
Natural Gas:	13,503	0	9,675	0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:	Richard Rabon, Solid Waste Director	Richard Rabon
Mailing Address:	1620 Adamson Rd.	1620 Adamson Rd.
Phone Number:	407-633-7113	407-633-7113
Fax Number:	407-633-2045	

\* Italicized indicates values estimated by EPA.

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### A. GENERAL LANDFILL INFORMATION

Landfill Owner:	WMI	Annual Acceptance Rate (tons):	1,144,000
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1992
Alternative Landfill Name:		Design Capacity (tons):	36,412,717
City:	Pompano Beach	Acres Currently Landfilled (acres):	242
County:	Broward	Average Depth (feet):	15
State:	FL	1994 Waste-in-Place (tons):	23,288,000
Year Open:	1960	1998 Waste-in-Place (tons):	27,864,000
Year Closed:	2035		

### B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):	6.04
LFG Collection System Status:	Operational
Current LFG Collected (mmscf/d):	8.0
Collection and Treatment System Required Under NSPS/EG:	No

### C. LANDFILL GAS UTILIZATION

Current Utilization:	
Utilization System Status:	Operational
Utilization System Type:	Gas Turbine
Utilization System Start Year:	1988
Electric Utility Provider(s):	
Natural Gas Provider(s):	
Energy Purchaser(s):	Florida Power Corporation

Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
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Estimated Potential Capacity:	19	189
Current Capacity:	18.0	141
Planned Capacity:		

Utilities in County:	Florida Power & Light Company; Lee County Electric Coop Inc
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### D. ENVIROMENTAL BENEFITS OF UTILIZATION

	Potential	Current
Methane Reduction (tons/yr):	34,947	30,835
CO2 Equivalent of CH4 Reduction (tons/yr):	733,885	647,539
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project	Direct Use Project
	CO2 (tons/yr) SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	149,173 943	105,238 958
Fuel Oil:	122,435 788	86,375 503
Natural Gas:	82,327 0	58,079 1

### E. CONTACT INFORMATION

	Landfill Owner	Landfill Operator
Contact Name:	Michael Berg	Ron Entabe
Mailing Address:	3831 N.W. 21st Avenue	3000 NW 48th Street
Phone Number:	954-977-9551	954-917-1640
Fax Number:		

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Charlotte County Mosquito Control	Annual Acceptance Rate (tons):	118,118
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1994
Alternative Landfill Name:		Design Capacity (tons):	
City:	Tropical Gulf Acres	Acres Currently Landfilled (acres):	160
County:	Charlotte	Average Depth (feet):	73
State:	FL	1994 Waste-in-Place (tons):	638,509
Year Open:	1990	1998 Waste-in-Place (tons):	1,110,981
Year Closed:	1998		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	0.70
LFG Collection System Status:	Operational
Current LFG Collected (mmscf/d):	
Collection and Treatment System Required Under NSPS/EG:	No

**C. LANDFILL GAS UTILIZATION**

## Current Utilization:

Utilization System Status:	Unknown
Utilization System Type:	Unknown
Utilization System Start Year:	
Electric Utility Provider(s):	
Natural Gas Provider(s):	
Energy Purchaser(s):	

Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr)

Estimated Potential Capacity:	2	22
Current Capacity:		
Planned Capacity:		

Utilities in County: Florida Power & Light Company; Lee County Electric Coop Inc

**D. ENVIROMENTAL BENEFITS OF UTILIZATION**

	Potential		Current	
Methane Reduction (tons/yr):	4,060		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	85,250		0	
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project		Direct Use Project	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	17,364	110	12,225	111
Fuel Oil:	14,252	92	10,034	59
Natural Gas:	9,583	0	6,747	0

**E. CONTACT INFORMATION**

Landfill Owner		Landfill Operator
Contact Name:	Robert Ward, Director	
Mailing Address:	P.O. Box 1054	P.O. Box 1054
Phone Number:	813-639-1349	813-639-1802
Fax Number:	813-639-4821	

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Citrus County Solid Waste Management	Annual Acceptance Rate (tons):	60,000
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Lecanto	Acres Currently Landfilled (acres):	45
County:	Citrus	Average Depth (feet):	40
State:	FL	1998 Waste-in-Place (tons):	1,300,000
Year Open:	1975	1998 Waste-in-Place (tons):	1,300,000
Year Closed:	2000		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d): 0.75

LFG Collection System Status:

Current LFG Collected (mmscf/d):

Collection and Treatment System Required Under NSPS/EG: No

**C. LANDFILL GAS UTILIZATION**

## Current Utilization:

Utilization System Status: Unknown

Utilization System Type: Unknown

Utilization System Start Year:

Electric Utility Provider(s): Florida Power

Natural Gas Provider(s):

Energy Purchaser(s):

Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr)

Estimated Potential Capacity:	2	24
Current Capacity:		
Planned Capacity:		

Utilities in County: Central Florida Elec Coop Inc; Florida Power Corporation; Sumter Electric Coop Inc; Withlacoochee

**D. ENVIROMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		<i>Current</i>	
<i>Methane Reduction (tons/yr):</i>	4,339		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	91,121		0	
<i>Emissions Avoided by Fossil Fuel Displacement:</i>	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>
<i>Coal:</i>	18,153	115	13,067	119
<i>Fuel Oil:</i>	14,899	96	10,724	63
<i>Natural Gas:</i>	10,019	0	7,211	0

**E. CONTACT INFORMATION**

## Landfill Owner

## Landfill Operator

Contact Name:	Susan Metcalfe, Director	Susan Metcalf, Director
Mailing Address:	P.O. Box 340	County Courthouse
Phone Number:	352-746-5000	352-746-5000
Fax Number:	904-527-1204	



**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Hernando County, Utilities Department	Annual Acceptance Rate (tons):	71,500
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	0
Alternative Landfill Name:		Design Capacity (tons):	
City:	Brooksville	Acres Currently Landfilled (acres):	38.2
County:	Hernando	Average Depth (feet):	40
State:	FL	Waste-in-Place (tons):	1,215,500
Year Open:	1976	1998 Waste-in-Place (tons):	1,644,500
Year Closed:	1998		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	0.84
LFG Collection System Status:	
Current LFG Collected (mmscf/d):	
Collection and Treatment System Required Under NSPS/EG:	No

**C. LANDFILL GAS UTILIZATION**

## Current Utilization:

Utilization System Status:	Unknown
Utilization System Type:	Unknown
Utilization System Start Year:	
Electric Utility Provider(s):	
Natural Gas Provider(s):	
Energy Purchaser(s):	

Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr)

Estimated Potential Capacity:	3	26
Current Capacity:		
Planned Capacity:		

Utilities in County: Florida Power Corporation; Sumter Electric Coop Inc; Withlacoochee River Elec Coop Inc

**D. ENVIROMENTAL BENEFITS OF UTILIZATION**

	Potential		Current	
Methane Reduction (tons/yr):	4,849		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	101,819		0	
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project		Direct Use Project	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	20,521	130	14,601	133
Fuel Oil:	16,843	108	11,984	70
Natural Gas:	11,325	0	8,058	0

**E. CONTACT INFORMATION**

Landfill Owner		Landfill Operator
Contact Name:	Donald Post, Operations Manager	Donald Post
Mailing Address:	202 East Jefferson Street	202 E. Jefferson St.
Phone Number:	904-754-5102	352-754-4037
Fax Number:	904-754-8758	

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	City of Jacksonville	Annual Acceptance Rate (tons):	
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	
Alternative Landfill Name:		Design Capacity (tons):	
City:	Jacksonville	Acres Currently Landfilled (acres):	73
County:	Duval	Average Depth (feet):	105
State:	FL	Waste-in-Place (tons):	4,122,058
Year Open:	1973	1998 Waste-in-Place (tons):	4,122,058
Year Closed:	1993		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	1.47
LFG Collection System Status:	Operational
Current LFG Collected (mmscf/d):	1.9
Collection and Treatment System Required Under NSPS/EG:	No

**C. LANDFILL GAS UTILIZATION**

## Current Utilization:

Utilization System Status:	Operational
Utilization System Type:	Medium Btu
Utilization System Start Year:	1997
Electric Utility Provider(s):	
Natural Gas Provider(s):	
Energy Purchaser(s):	Jacksonville Electric Authority

Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr)

Estimated Potential Capacity:	5	46
Current Capacity:		40
Planned Capacity:		

Utilities in County: Clay Electric Cooperative Inc; Florida Power & Light Company; Jacksonville Beach Elec Dept; Okefe

**D. ENVIROMENTAL BENEFITS OF UTILIZATION**

	Potential		Current	
Methane Reduction (tons/yr):	8,512		7,323	
CO2 Equivalent of CH4 Reduction (tons/yr):	178,758		153,791	
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project		Direct Use Project	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	36,307	230	25,634	233
Fuel Oil:	29,799	192	21,039	123
Natural Gas:	20,037	0	14,147	0

**E. CONTACT INFORMATION**

Landfill Owner		Landfill Operator
Contact Name:	Chris Pierson	Chris Pierson
Mailing Address:	515 Laura St Room 634, 6th Floor	515 Laura St Room 634, 6th Floor
Phone Number:	904-632-8081	904-632-8081
Fax Number:		

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	WMI	Annual Acceptance Rate (tons):	144,000
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Fort Myers	Acres Currently Landfilled (acres):	160
County:	Lee	Average Depth (feet):	50
State:	FL	1994 Waste-in-Place (tons):	2,125,340
Year Open:	1976	1998 Waste-in-Place (tons):	3,612,540
Year Closed:	2002		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	1.34
LFG Collection System Status:	Operational
Current LFG Collected (mmscf/d):	0.4
Collection and Treatment System Required Under NSPS/EG:	Yes

**C. LANDFILL GAS UTILIZATION**

## Current Utilization:

Utilization System Status:	Planned
Utilization System Type:	Direct Thermal
Utilization System Start Year:	
Electric Utility Provider(s):	
Natural Gas Provider(s):	
Energy Purchaser(s):	Lee County WTE Plant

Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr)

Estimated Potential Capacity:	4	42
Current Capacity:		
Planned Capacity:		8

Utilities in County: Florida Power & Light Company; Lee County Electric Coop Inc

**D. ENVIROMENTAL BENEFITS OF UTILIZATION**

	Potential		Current	
Methane Reduction (tons/yr):	7,759		1,542	
CO2 Equivalent of CH4 Reduction (tons/yr):	162,935		32,378	
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project		Direct Use Project	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	33,150	210	23,365	213
Fuel Oil:	27,208	175	19,177	112
Natural Gas:	18,295	0	12,895	0

**E. CONTACT INFORMATION**

Landfill Owner		Landfill Operator
Contact Name:	Pat Yancey, Site Engineer	Laura Gray, Site Engineer
Mailing Address:	P.O. Box 7314	11990 State Road 82E
Phone Number:	954-984-2000	941-334-4119
Fax Number:		

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Solid Waste Disposal District	Annual Acceptance Rate (tons):	114,400
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	
City:	Vero Beach	Acres Currently Landfilled (acres):	45
County:	Indian River	Average Depth (feet):	
State:	FL	Waste-in-Place (tons):	1,372,800
Year Open:	1985	1998 Waste-in-Place (tons):	1,601,600
Year Closed:	2018		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	0.83
LFG Collection System Status:	
Current LFG Collected (mmscf/d):	
Collection and Treatment System Required Under NSPS/EG:	No

**C. LANDFILL GAS UTILIZATION**

## Current Utilization:

Utilization System Status:	Potential
Utilization System Type:	Unknown
Utilization System Start Year:	
Electric Utility Provider(s):	
Natural Gas Provider(s):	
Energy Purchaser(s):	

Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
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Estimated Potential Capacity:	3		26
Current Capacity:			
Planned Capacity:			

Utilities in County:	Florida Power & Light Company; Peace River Electric Coop Inc; Vero Beach Municipal Utilities
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**D. ENVIROMENTAL BENEFITS OF UTILIZATION**

	Potential		Current	
Methane Reduction (tons/yr):		4,785		0
CO2 Equivalent of CH4 Reduction (tons/yr):		100,487		0
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project		Direct Use Project	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	20,521	130	14,410	131
Fuel Oil:	16,843	108	11,827	69
Natural Gas:	11,325	0	7,953	0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:	Terrance Pinto	Roland McNeil
Mailing Address:	1840 25th Street	1840 25th Street
Phone Number:	407-567-8000	407-770-5112
Fax Number:	407-770-5143	

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	WMI	Annual Acceptance Rate (tons):	429,000
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1992
Alternative Landfill Name:		Design Capacity (tons):	8,698,260
City:	Fort Lauderdale	Acres Currently Landfilled (acres):	118
County:	Dade	Average Depth (feet):	100
State:	FL	Waste-in-Place (tons):	18,018,000
Year Open:	1955	1998 Waste-in-Place (tons):	18,876,000
Year Closed:	2003		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	3.79
LFG Collection System Status:	
Current LFG Collected (mmscf/d):	
Collection and Treatment System Required Under NSPS/EG:	No

**C. LANDFILL GAS UTILIZATION**

Current Utilization:			
Utilization System Status:	Potential		
Utilization System Type:	Medium Btu		
Utilization System Start Year:			
Electric Utility Provider(s):	FPNL		
Natural Gas Provider(s):			
Energy Purchaser(s):	Steel Foundry		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	12		118
Current Capacity:			
Planned Capacity:			

Utilities in County: Florida Power & Light Company; Homestead, City of

**D. ENVIROMENTAL BENEFITS OF UTILIZATION**

	Potential		Current	
Methane Reduction (tons/yr):	21,891		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	459,717		0	
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project		Direct Use Project	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	93,135	589	65,923	600
Fuel Oil:	76,441	492	54,106	315
Natural Gas:	51,400	0	36,382	0

**E. CONTACT INFORMATION**

Landfill Owner		Landfill Operator
Contact Name:	Steve Urich	Steve Urich
Mailing Address:	9350 NW 89th Avenue	3750 Landfill Road
Phone Number:	305-882-9029	305-883-7670
Fax Number:		

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Collier County	Annual Acceptance Rate (tons):	249,600
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1994
Alternative Landfill Name:		Design Capacity (tons):	
City:	Naples	Acres Currently Landfilled (acres):	74
County:	Collier	Average Depth (feet):	94
State:	FL	Waste-in-Place (tons):	4,992,000
Year Open:	1977	1998 Waste-in-Place (tons):	5,491,200
Year Closed:	2001		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	1.82
LFG Collection System Status:	Operational
Current LFG Collected (mmscf/d):	
Collection and Treatment System Required Under NSPS/EG:	No

**C. LANDFILL GAS UTILIZATION**

## Current Utilization:

Utilization System Status:	Potential
Utilization System Type:	Unknown
Utilization System Start Year:	
Electric Utility Provider(s):	
Natural Gas Provider(s):	
Energy Purchaser(s):	

Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr)

Estimated Potential Capacity:	6	57
Current Capacity:		
Planned Capacity:		

Utilities in County: Florida Power & Light Company; Glades Electric Coop Inc; Lee County Electric Coop Inc

**D. ENVIROMENTAL BENEFITS OF UTILIZATION**

	Potential		Current	
Methane Reduction (tons/yr):	10,537		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	221,277		0	
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project		Direct Use Project	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	44,989	284	31,731	289
Fuel Oil:	36,925	238	26,043	152
Natural Gas:	24,829	0	17,512	0

**E. CONTACT INFORMATION**

Landfill Owner		Landfill Operator
Contact Name:	David Russell, Acting Director	
Mailing Address:	3301 Tamiami Trail East Building H	3301 Tamiami Trail East
Phone Number:	813-732-2507	941-732-2508
Fax Number:	813-774-9222	

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Polk County Board of Commissioners	Annual Acceptance Rate (tons):	348,000
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Winter Haven	Acres Currently Landfilled (acres):	79
County:	Polk	Average Depth (feet):	150
State:	FL	1998 Waste-in-Place (tons):	4,146,000
Year Open:	1976	1998 Waste-in-Place (tons):	4,146,000
Year Closed:	2015		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	1.48
LFG Collection System Status:	
Current LFG Collected (mmscf/d):	1.7
Collection and Treatment System Required Under NSPS/EG:	Yes

**C. LANDFILL GAS UTILIZATION**

## Current Utilization:

Utilization System Status:	Operational
Utilization System Type:	Direct Thermal
Utilization System Start Year:	1996
Electric Utility Provider(s):	
Natural Gas Provider(s):	
Energy Purchaser(s):	Wheelabrator Ridge Energy

Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr)

Estimated Potential Capacity:	5	46
Current Capacity:		35
Planned Capacity:		

Utilities in County: Bartow City Electric Dept; Florida Power Corporation; Fort Meade City Govt; Lakeland Dept of Elec

**D. ENVIROMENTAL BENEFITS OF UTILIZATION**

	Potential		Current	
Methane Reduction (tons/yr):	8,548		6,553	
CO2 Equivalent of CH4 Reduction (tons/yr):	179,502		137,603	
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project		Direct Use Project	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	36,307	230	25,740	234
Fuel Oil:	29,799	192	21,126	123
Natural Gas:	20,037	0	14,206	0

**E. CONTACT INFORMATION**

Landfill Owner		Landfill Operator	
Contact Name:	, Solid Waste Director	Contact Name:	, Solid Waste Director
Mailing Address:	Soild Waste Division 10 Environmental Loop	Mailing Address:	Solid Waste Division 10 Environmental Loop
Phone Number:	941-284-4319	Phone Number:	941-284-4319
Fax Number:	813-569-7374	Fax Number:	

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	City of Jacksonville	Annual Acceptance Rate (tons):	250,000
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	
Alternative Landfill Name:		Design Capacity (tons):	
City:	Jacksonville	Acres Currently Landfilled (acres):	126
County:	Duval	Average Depth (feet):	90
State:	FL	1994 Waste-in-Place (tons):	4,900,000
Year Open:	1976	1998 Waste-in-Place (tons):	4,900,000
Year Closed:	1992		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	1.67
LFG Collection System Status:	Operational
Current LFG Collected (mmscf/d):	4.5
Collection and Treatment System Required Under NSPS/EG:	Yes

**C. LANDFILL GAS UTILIZATION**

## Current Utilization:

Utilization System Status:	Planned
Utilization System Type:	Boiler
Utilization System Start Year:	1998
Electric Utility Provider(s):	Jacksonville Electric Authority
Natural Gas Provider(s):	
Energy Purchaser(s):	

Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr)

Estimated Potential Capacity:	5	52
Current Capacity:		
Planned Capacity:	7.5	94

Utilities in County: Clay Electric Cooperative Inc; Florida Power & Light Company; Jacksonville Beach Elec Dept; Okefe

**D. ENVIROMENTAL BENEFITS OF UTILIZATION**

	Potential		Current	
Methane Reduction (tons/yr):	9,663		17,345	
CO2 Equivalent of CH4 Reduction (tons/yr):	202,917		364,241	
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project		Direct Use Project	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	41,042	259	29,098	265
Fuel Oil:	33,686	217	23,882	139
Natural Gas:	22,651	0	16,059	0

**E. CONTACT INFORMATION**

Landfill Owner		Landfill Operator
Contact Name:	Chris Pierson, Chris Pierson	Chris Pierson, Chris Pierson
Mailing Address:	515 Laura St Room 634, 6th Floor	515 Laura St Room 634, 6th Floor
Phone Number:	904-632-8081	904-632-8081
Fax Number:		904-632-4471

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Orange County Utilities Division	Annual Acceptance Rate (tons):	768,000
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Orlando	Acres Currently Landfilled (acres):	180
County:	Orange	Average Depth (feet):	50
State:	FL	1998 Waste-in-Place (tons):	7,700,000
Year Open:	1971	1998 Waste-in-Place (tons):	7,700,000
Year Closed:	1997		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	2.39
LFG Collection System Status:	
Current LFG Collected (mmscf/d):	7.9
Collection and Treatment System Required Under NSPS/EG:	No

**C. LANDFILL GAS UTILIZATION**

## Current Utilization:

Utilization System Status:	Operational
Utilization System Type:	Gas Turbine
Utilization System Start Year:	1997
Electric Utility Provider(s):	
Natural Gas Provider(s):	
Energy Purchaser(s):	Orlando Utilities Commission

Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr)

Estimated Potential Capacity:	8	75
Current Capacity:	8.0	62
Planned Capacity:		

Utilities in County: Florida Power Corporation; Orlando Utilities Commission

**D. ENVIROMENTAL BENEFITS OF UTILIZATION**

	Potential		Current	
Methane Reduction (tons/yr):	13,803		30,450	
CO2 Equivalent of CH4 Reduction (tons/yr):	289,869		639,446	
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project		Direct Use Project	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	59,196	374	41,567	378
Fuel Oil:	48,585	313	34,116	199
Natural Gas:	32,669	0	22,940	0

**E. CONTACT INFORMATION**

Landfill Owner		Landfill Operator
Contact Name:	Alan Ispass, Chief of Purchasing	Dan Morrical
Mailing Address:	109 East Church Street Suite 410	5901 Young Pine Road P.O. Box 720067
Phone Number:	407-836-7231	407-836-6600
Fax Number:	407-836-6709	

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Seminole County	Annual Acceptance Rate (tons):	402,405
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	26,994,601
City:	Sanford	Acres Currently Landfilled (acres):	
County:	Seminole	Average Depth (feet):	
State:	FL	Waste-in-Place (tons):	4,292,860
Year Open:	1978	1998 Waste-in-Place (tons):	4,744,740
Year Closed:	2040		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d): 1.63

LFG Collection System Status:

Current LFG Collected (mmscf/d):

Collection and Treatment System Required Under NSPS/EG: Yes

**C. LANDFILL GAS UTILIZATION**

## Current Utilization:

Utilization System Status: Unknown

Utilization System Type: Unknown

Utilization System Start Year:

Electric Utility Provider(s):

Natural Gas Provider(s):

Energy Purchaser(s):

Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr)

Estimated Potential Capacity:	5	51
Current Capacity:		
Planned Capacity:		

Utilities in County: Florida Power & Light Company; Florida Power Corporation

**D. ENVIROMENTAL BENEFITS OF UTILIZATION**

	Potential		Current	
Methane Reduction (tons/yr):	9,433		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	198,095		0	
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project		Direct Use Project	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	40,253	254	28,407	259
Fuel Oil:	33,038	213	23,315	136
Natural Gas:	22,215	0	15,677	0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:	Fred Blakely	Fred Blakely
Mailing Address:	Central Transfer Station 1634 SR 419	Central Transfer Station 1634 SR 419
Phone Number:	407-322-7605	407-322-7605
Fax Number:		



**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Palm Beach County	Annual Acceptance Rate (tons):	577,720
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1990
Alternative Landfill Name:		Design Capacity (tons):	
City:	Palm Beach	Acres Currently Landfilled (acres):	253
County:	Palm Beach	Average Depth (feet):	75
State:	FL	Waste-in-Place (tons):	15,598,440
Year Open:	1968	1998 Waste-in-Place (tons):	15,598,440
Year Closed:	1994		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	4.41
LFG Collection System Status:	
Current LFG Collected (mmscf/d):	
Collection and Treatment System Required Under NSPS/EG:	Yes

**C. LANDFILL GAS UTILIZATION**

Current Utilization:			
Utilization System Status:	Planned		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	Florida Power and Light		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	14		
Current Capacity:			
Planned Capacity:			

Utilities in County: Florida Power & Light Company; Lake Worth Utilities, City of

**D. ENVIROMENTAL BENEFITS OF UTILIZATION**

	Potential		Current	
Methane Reduction (tons/yr):		25,484		0
CO2 Equivalent of CH4 Reduction (tons/yr):		535,154		0
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project		Direct Use Project	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	108,920	689	76,740	698
Fuel Oil:	89,397	575	62,985	367
Natural Gas:	60,112	0	42,352	0

**E. CONTACT INFORMATION**

Landfill Owner		Landfill Operator
Contact Name:	Don Lockhart, Director	Mark Brunner
Mailing Address:	7501 North Jog Road	5114 Okeechobee Boulevard
Phone Number:	407-471-2700	561-471-2700
Fax Number:	407-683-4067	

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Perdido LF		Landfill Category:	Current
<b>A. GENERAL LANDFILL INFORMATION</b>			
Landfill Owner:	County Gov't BOCC	Annual Acceptance Rate (tons):	200,200
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1990
Alternative Landfill Name:		Design Capacity (tons):	
City:	Cantonment	Acres Currently Landfilled (acres):	110
County:	Escambia	Average Depth (feet):	60
State:	FL	1994 Waste-in-Place (tons):	4,050,400
Year Open:	1981	1998 Waste-in-Place (tons):	4,851,200
Year Closed:	2030		
<b>B. LANDFILL GAS COLLECTION</b>			
Estimated Methane Generation (mmscf/d):	1.66		
LFG Collection System Status:	Operational		
Current LFG Collected (mmscf/d):	2.0		
Collection and Treatment System Required Under NSPS/EG:	Yes		
<b>C. LANDFILL GAS UTILIZATION</b>			
Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	Boiler		
Utilization System Start Year:	1997		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	Champion International Paper, Cantonment F		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	5		52
Current Capacity:	2.3		42
Planned Capacity:			
Utilities in County:	Escambia River Elec Coop Inc; Gulf Power Co; Southeastern Power Admin		
<b>D. ENVIROMENTAL BENEFITS OF UTILIZATION</b>			
	Potential		Current
Methane Reduction (tons/yr):	9,591		7,709
CO2 Equivalent of CH4 Reduction (tons/yr):	201,401		161,885
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project		Direct Use Project
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	41,042	259	28,881 263
Fuel Oil:	33,686	217	23,704 138
Natural Gas:	22,651	0	15,939 0
<b>E. CONTACT INFORMATION</b>			
	Landfill Owner	Landfill Operator	
Contact Name:	David Gregory, Acting Director		
Mailing Address:	13009 Beulah Road	Route 4 Box 110, Beulah Road	
Phone Number:	850-968-6628	850-968-6628	
Fax Number:	904-968-5690		

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Metro-Dade Solid Waste Management	Annual Acceptance Rate (tons):	414,700
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	16,196,761
City:	Miami	Acres Currently Landfilled (acres):	115
County:	Dade	Average Depth (feet):	140
State:	FL	1998 Waste-in-Place (tons):	7,464,600
Year Open:	1978	1998 Waste-in-Place (tons):	7,464,600
Year Closed:	2012		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	2.33
LFG Collection System Status:	
Current LFG Collected (mmscf/d):	
Collection and Treatment System Required Under NSPS/EG:	Yes

**C. LANDFILL GAS UTILIZATION**

## Current Utilization:

Utilization System Status:	Construction
Utilization System Type:	Medium Btu
Utilization System Start Year:	1999
Electric Utility Provider(s):	
Natural Gas Provider(s):	
Energy Purchaser(s):	

Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr)

Estimated Potential Capacity:	7	73
Current Capacity:		
Planned Capacity:	6.6	51

Utilities in County: Florida Power &amp; Light Company; Homestead, City of

**D. ENVIROMENTAL BENEFITS OF UTILIZATION**

	Potential		Current	
Methane Reduction (tons/yr):	13,455		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	282,559		0	
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project		Direct Use Project	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	57,617	364	40,519	369
Fuel Oil:	47,290	304	33,256	194
Natural Gas:	31,798	0	22,362	0

**E. CONTACT INFORMATION**

Landfill Owner		Landfill Operator
Contact Name:	Andrew Wilfork, Director	Vicente Castro
Mailing Address:	8675 Northwest 53rd Street Suite 201	8675 Northwest 53rd Street Suite 201
Phone Number:	305-594-1520	305-594-1520
Fax Number:	305-594-1591	

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Osceola County Solid Waste	Annual Acceptance Rate (tons):	85,800
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1994
Alternative Landfill Name:		Design Capacity (tons):	
City:	Kissimmee	Acres Currently Landfilled (acres):	35
County:	Osceola	Average Depth (feet):	
State:	FL	Waste-in-Place (tons):	1,029,600
Year Open:	1985	1998 Waste-in-Place (tons):	1,201,200
Year Closed:	1998		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d): 0.73

LFG Collection System Status:

Current LFG Collected (mmscf/d):

Collection and Treatment System Required Under NSPS/EG: No

**C. LANDFILL GAS UTILIZATION**

## Current Utilization:

Utilization System Status: Unknown

Utilization System Type: Unknown

Utilization System Start Year:

Electric Utility Provider(s):

Natural Gas Provider(s):

Energy Purchaser(s):

Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr)

Estimated Potential Capacity:	2	23
Current Capacity:		
Planned Capacity:		

Utilities in County: Florida Power Corporation; Kissimmee Util Authority; Peace River Electric Coop Inc; St Cloud Elec

**D. ENVIROMENTAL BENEFITS OF UTILIZATION**

	Potential		Current	
Methane Reduction (tons/yr):	4,193		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	88,053		0	
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project		Direct Use Project	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	18,153	115	12,627	115
Fuel Oil:	14,899	96	10,363	60
Natural Gas:	10,019	0	6,968	0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:	Board of County Commissioners	Leonard Marion
Mailing Address:	17 South Vernon Avenue	4400 Hunt Road
Phone Number:	407-892-2397	407-847-4481
Fax Number:	407-847-9172	



**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	WMI	Annual Acceptance Rate (tons):	328,900
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	0
Alternative Landfill Name:		Design Capacity (tons):	
City:	Jacksonville	Acres Currently Landfilled (acres):	75
County:	Duval	Average Depth (feet):	10
State:	FL	1994 Waste-in-Place (tons):	2,250,000
Year Open:	1972	1998 Waste-in-Place (tons):	2,250,000
Year Closed:	1989		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	0.99
LFG Collection System Status:	Operational
Current LFG Collected (mmscf/d):	0.4
Collection and Treatment System Required Under NSPS/EG:	No

**C. LANDFILL GAS UTILIZATION**

## Current Utilization:

Utilization System Status:	Operational
Utilization System Type:	Reciprocating Engine
Utilization System Start Year:	1987
Electric Utility Provider(s):	
Natural Gas Provider(s):	
Energy Purchaser(s):	

Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr)

Estimated Potential Capacity:	3	31
Current Capacity:	0.8	8
Planned Capacity:		

Utilities in County: Clay Electric Cooperative Inc; Florida Power &amp; Light Company; Jacksonville Beach Elec Dept; Okefe

**D. ENVIROMENTAL BENEFITS OF UTILIZATION**

	Potential		Current	
Methane Reduction (tons/yr):	5,744		1,542	
CO2 Equivalent of CH4 Reduction (tons/yr):	120,622		32,378	
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project		Direct Use Project	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	24,468	155	17,297	157
Fuel Oil:	20,082	129	14,197	83
Natural Gas:	13,503	0	9,546	0

**E. CONTACT INFORMATION**

## Landfill Owner

## Landfill Operator

Contact Name:	John Wong, Env'l Health and Safety Mgr
Mailing Address:	
Phone Number:	813-621-3053
Fax Number:	

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:		Annual Acceptance Rate (tons):	284,570
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	
City:	Daytona Beach	Acres Currently Landfilled (acres):	80
County:	Volusia	Average Depth (feet):	100
State:	FL	1994 Waste-in-Place (tons):	7,569,140
Year Open:	1981	1998 Waste-in-Place (tons):	7,853,710
Year Closed:	1995		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	2.43
LFG Collection System Status:	Planned
Current LFG Collected (mmscf/d):	5.0
Collection and Treatment System Required Under NSPS/EG:	No

**C. LANDFILL GAS UTILIZATION**

## Current Utilization:

Utilization System Status:	Operational
Utilization System Type:	Reciprocating Engine
Utilization System Start Year:	1998
Electric Utility Provider(s):	
Natural Gas Provider(s):	
Energy Purchaser(s):	Florida Power & Light

Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr)

Estimated Potential Capacity:	8	76
Current Capacity:	3.5	104
Planned Capacity:		

Utilities in County: Clay Electric Cooperative Inc; Florida Power & Light Company; Florida Power Corporation; New Sm

**D. ENVIROMENTAL BENEFITS OF UTILIZATION**

	Potential	Current
Methane Reduction (tons/yr):	14,031	19,272
CO2 Equivalent of CH4 Reduction (tons/yr):	294,643	404,712
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project	Direct Use Project
	CO2 (tons/yr) SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	59,985 379	42,251 384
Fuel Oil:	49,233 317	34,678 202
Natural Gas:	33,105 0	23,318 0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:	Jim Griffin, Director	
Mailing Address:	1994 Tomoka Farm Road	123 West Indiana Avenue
Phone Number:	904-947-2952	904-736-2700
Fax Number:	904-736-5957	

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Leon County	Annual Acceptance Rate (tons):	127,270
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	2,605,279
City:	Tallahassee	Acres Currently Landfilled (acres):	20
County:	Leon	Average Depth (feet):	40
State:	FL	1998 Waste-in-Place (tons):	1,200,000
Year Open:	1977	1998 Waste-in-Place (tons):	1,200,000
Year Closed:	2002		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	0.72
LFG Collection System Status:	
Current LFG Collected (mmscf/d):	
Collection and Treatment System Required Under NSPS/EG:	No

**C. LANDFILL GAS UTILIZATION**

## Current Utilization:

Utilization System Status:	Potential
Utilization System Type:	Unknown
Utilization System Start Year:	
Electric Utility Provider(s):	
Natural Gas Provider(s):	
Energy Purchaser(s):	

Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr)

Estimated Potential Capacity:	2	23
Current Capacity:		
Planned Capacity:		

Utilities in County: Florida Power Corporation; Southeastern Power Admin; Tallahassee Elec Dept; Talquin Electric Co

**D. ENVIROMENTAL BENEFITS OF UTILIZATION**

	Potential		Current	
Methane Reduction (tons/yr):		4,191		0
CO2 Equivalent of CH4 Reduction (tons/yr):		88,015		0
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project		Direct Use Project	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	18,153	115	12,621	115
Fuel Oil:	14,899	96	10,359	60
Natural Gas:	10,019	0	6,966	0

**E. CONTACT INFORMATION**

Landfill Owner		Landfill Operator
Contact Name:	Jud Curtis, Director	Jud Curtis
Mailing Address:	Leon County Courthouse Room 201	County Courthouse
Phone Number:	904-488-8003	904-488-8003
Fax Number:	904-488-1260	

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Palm Beach County	Annual Acceptance Rate (tons):	
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	West Palm Beach	Acres Currently Landfilled (acres):	
County:		Average Depth (feet):	
State:	FL	1998 Waste-in-Place (tons):	
Year Open:		1998 Waste-in-Place (tons):	
Year Closed:			

**B. LANDFILL GAS COLLECTION**

*Estimated Methane Generation (mmscf/d):*

LFG Collection System Status:

Current LFG Collected (mmscf/d):

Collection and Treatment System Required Under NSPS/EG: No

**C. LANDFILL GAS UTILIZATION**

Current Utilization:

Utilization System Status: Planned

Utilization System Type: Unknown

Utilization System Start Year:

Electric Utility Provider(s):

Natural Gas Provider(s):

Energy Purchaser(s): Florida Power and Light Co.

Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr)

<i>Estimated Potential Capacity:</i>		
Current Capacity:		
Planned Capacity:		

Utilities in County:

**D. ENVIROMENTAL BENEFITS OF UTILIZATION**

	Potential	Current
<i>Methane Reduction (tons/yr):</i>		
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>		
<i>Emissions Avoided by Fossil Fuel Displacement:</i>	<i>Electricity Generation Project</i>	<i>Direct Use Project</i>
	CO2 (tons/yr) SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:		
Fuel Oil:		
Natural Gas:		

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:		Mark Brunner
Mailing Address:		
Phone Number:		561-471-2700
Fax Number:		

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:		Annual Acceptance Rate (tons):	225,609
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	0
Alternative Landfill Name:		Design Capacity (tons):	
City:	Crestview	Acres Currently Landfilled (acres):	160
County:	Okaloosa	Average Depth (feet):	8
State:	FL	Waste-in-Place (tons):	6,542,657
Year Open:	1961	1998 Waste-in-Place (tons):	6,542,661
Year Closed:	1989		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	1.67
LFG Collection System Status:	
Current LFG Collected (mmscf/d):	
Collection and Treatment System Required Under NSPS/EG:	No

**C. LANDFILL GAS UTILIZATION**

## Current Utilization:

Utilization System Status:	Potential
Utilization System Type:	Unknown
Utilization System Start Year:	
Electric Utility Provider(s):	
Natural Gas Provider(s):	
Energy Purchaser(s):	

Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr)

Estimated Potential Capacity:	5	52
Current Capacity:		
Planned Capacity:		

Utilities in County: Choctawhatchee Elec Coop Inc; Gulf Power Co; Southeastern Power Admin

**D. ENVIROMENTAL BENEFITS OF UTILIZATION**

	Potential		Current	
Methane Reduction (tons/yr):	9,673		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	203,135		0	
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project		Direct Use Project	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	41,042	259	29,129	265
Fuel Oil:	33,686	217	23,908	139
Natural Gas:	22,651	0	16,076	0

**E. CONTACT INFORMATION**

## Landfill Owner

## Landfill Operator

Contact Name:	David Heinrich	David Heinrich
Mailing Address:	1759 South Fredon Boulevard	1759 South Ferdon Boulevard
Phone Number:	904-689-5772	904-689-5772
Fax Number:	904-689-5786	904-689-5786

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