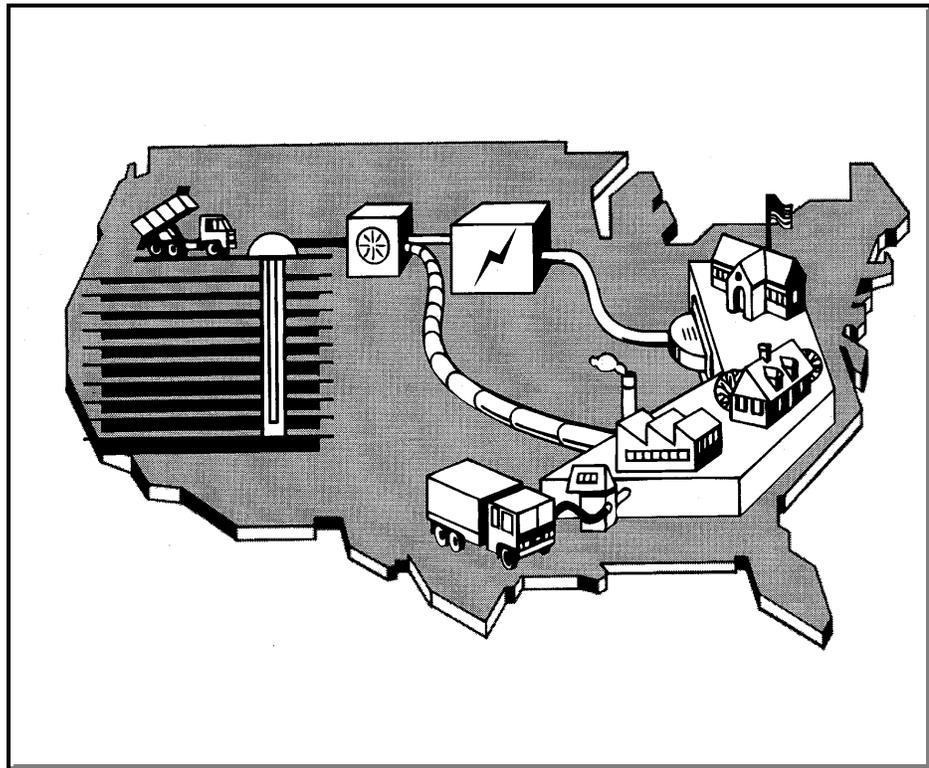




# Landfill Gas-to-Energy Project Opportunities

## Landfill Profiles for the State of Illinois



## 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: Illinois 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	36	209	2,090	67	386,770	173,679	8,122,170	3,647,263
Candidate	38	207	2,067	66	382,524	46,137	8,032,996	968,881
Shutdown	1							
Other	4	24	241	8	44,600	0	936,596	0
Unknown WIP	10							
<b>Total</b>	<b>89</b>	<b>440</b>	<b>4,399</b>	<b>141</b>	<b>813,893</b>	<b>219,816</b>	<b>17,091,761</b>	<b>4,616,144</b>

## Exhibit 2: Potential Illinois 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	1,648,798	1,353,259	909,950	10,422	8,711	0	1,164,706	955,938	642,785	10,598	5,571	5
Candidate	1,629,855	1,337,712	899,495	10,302	8,611	0	1,151,917	945,442	635,728	10,481	5,510	6
Shutdown												
Other	190,216	156,120	104,978	1,202	1,005	0	134,307	110,233	74,122	1,222	642	1
Unknown WIP												
<b>Total</b>	<b>3,468,868</b>	<b>2,847,090</b>	<b>1,914,422</b>	<b>21,926</b>	<b>18,326</b>	<b>0</b>	<b>2,450,930</b>	<b>2,011,612</b>	<b>1,352,635</b>	<b>22,301</b>	<b>11,723</b>	<b>11</b>

### Exhibit 3: Index of Landfills in Illinois

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	122nd Street LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	Belleville Sanitary LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	BFI South Barrington	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Construction
Current	Brickyard Recycling And Disposal LF	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Construction
Current	Browning Ferris Industries #2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Construction
Current	Browning Ferris Industries Modern 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	CDT LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	CID Recycling and Disposal Facility	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	Dixon Municipal GROF #2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Construction
Current	Environmental Reclamation Company	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	Envirotech LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Construction
Current	Greene Valley LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	H & L Disposal	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Construction
Current	Kankakee County RDF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	Kewanee LF	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Operational				
Current	Lake LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	Land & Lakes #2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	Land & Lakes #3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	Land & Lakes/Dolton LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	Land & Lakes/Willow Ranch	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	Lansing LF	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Operational				
Current	Livingston LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	Lyons LF	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Operational				
Current	Mallard Lake LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Construction
Current	Milam 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	Mundhank	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Operational				
Current	Ottawa LF	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Operational				
Current	Pagel LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	Peoria City/County LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	Rockford	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Operational				
Current	Sangamon Valley LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	Settler's Hill 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	Streator Area LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Construction
Current	Taylor Ridge LF	<input type="checkbox"/>	Construction					
Current	Tazewell County LF #2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	Woodland LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Candidate	138th Street Landfill	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Planned
Candidate	Beecher Development Company	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Belvidere LF	<input type="checkbox"/>	Planned					

### Exhibit 3: Index of Landfills in Illinois

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				
Candidate	Browning Ferris Industries	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Chain of Rocks South	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Clinton LF #2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Community LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	Countryside LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	D & D LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	De Kalb County LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	EDC Landfill - Hoopesion	<input type="checkbox"/>	<input type="checkbox"/>	Potential				
Candidate	Environfil LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	Five Oaks RDF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Planned
Candidate	Herrin Municipal	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Hillside	<input type="checkbox"/>	<input type="checkbox"/>	Planned				
Candidate	IL Waste Systems	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	K & H Disposal	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	Laidlaw Waste Systems Incorporated	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Laraway RDF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	Litchfield-Hillsborough LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Planned
Candidate	Litchfield-Hillsborough LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Macon County LF #2 & #3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Planned
Candidate	Multi-County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Planned
Candidate	Pekin Metropolitan	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Peoria Disposal Company #1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Quad Cities LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Planned
Candidate	Quincy Municipal	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	RCS - Jerseyville	<input type="checkbox"/>	<input type="checkbox"/>	Potential				
Candidate	Rochelle Municipal #2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Planned
Candidate	Roxana LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Planned
Candidate	Sexton #2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	Sexton MCL	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	South IL Regional LF	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Upper Rock Island LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Planned
Candidate	Viola LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Planned
Candidate	Washington LF Inc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Waste Hauling LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	Watts LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Shutdown	Blue Island LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Shutdown
Other	Alton Municipal	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	American Grading Company	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Esarey	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown

### Exhibit 3: Index of Landfills in Illinois

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	Paxton LF Corporation #2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	31st Street LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Bi-State LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Bloomington LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Congress LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Dalton	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Dison Landfill	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Envotech LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Maryville LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Olney Sanitary LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Peoria LF	<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:	Stoney Island Reclamation	Annual Acceptance Rate (tons):	200,000
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	
Alternative Landfill Name:	122nd & Stony Island Landfill	Design Capacity (tons):	
City:	Chicago	Acres Currently Landfilled (acres):	61
County:		Average Depth (feet):	
State:	IL	Waste-in-Place (tons):	
Year Open:	1977	1998 Waste-in-Place (tons):	
Year Closed:	2002		

**B. LANDFILL GAS COLLECTION***Estimated Methane Generation (mmscf/d):*

LFG Collection System Status:	Planned
Current LFG Collected (mmscf/d):	1.0
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):	Commonwealth Edison
Natural Gas Provider(s):	
Energy Purchaser(s):	Commonwealth Edison

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

Current Capacity:

Planned Capacity:

21

Utilities in County:

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>	<i>Current</i>
<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>
	<i>CO2 (tons/yr)      SO2 (tons/yr)</i>	<i>CO2 (tons/yr)      SO2 (tons/yr)</i>
<i>Coal:</i>		
<i>Fuel Oil:</i>		
<i>Natural Gas:</i>		

**E. CONTACT INFORMATION**

Landfill Owner

Landfill Operator

Contact Name:

Mailing Address:

Phone Number:

Fax Number:



**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	MCM Land Company	Annual Acceptance Rate (tons):	0
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Chicago	Acres Currently Landfilled (acres):	66
County:	Cook	Average Depth (feet):	
State:	IL	1998 Waste-in-Place (tons):	744,163
Year Open:	1975	1998 Waste-in-Place (tons):	744,163
Year Closed:	1993		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	0.26
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:	Reciprocating Engine
Utilization System Start Year:	1998
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:	1	8
Current Capacity:		
Planned Capacity:	1.6	

Utilities in County: Commonwealth Edison Company; Winnetka Elec System

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		<i>Current</i>	
<i>Methane Reduction (tons/yr):</i>		1,521		0
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>		31,931		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>	6,314	40	4,579	42
<i>Fuel Oil:</i>	5,182	33	3,758	22
<i>Natural Gas:</i>	3,485	0	2,527	0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:		
Mailing Address:	123 North Northwest Highway	1220 East 138th Street
Phone Number:	708-825-5000	708-825-5000
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:		Annual Acceptance Rate (tons):	
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	
Alternative Landfill Name:		Design Capacity (tons):	
City:	South Barrington	Acres Currently Landfilled (acres):	
County:		Average Depth (feet):	
State:	IL	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: Operational

Current LFG Collected (mmscf/d):

Collection and Treatment System Required Under NSPS/EG: No

**C. LANDFILL GAS UTILIZATION**

Current Utilization:

Utilization System Status: Construction

Utilization System Type: Reciprocating Engine

Utilization System Start Year: 1997

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:*

Current Capacity:

Planned Capacity:

Utilities in County:

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>	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>
	<i>CO2 (tons/yr) SO2 (tons/yr)</i>	<i>CO2 (tons/yr) SO2 (tons/yr)</i>
<i>Coal:</i>		
<i>Fuel Oil:</i>		
<i>Natural Gas:</i>		

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:		
Mailing Address:		
Phone Number:		
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Sexton/WMX	Annual Acceptance Rate (tons):	483,887
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	
City:		Acres Currently Landfilled (acres):	
County:	Will	Average Depth (feet):	
State:	IL	Waste-in-Place (tons):	13,636,062
Year Open:	1971	1998 Waste-in-Place (tons):	14,160,528
Year Closed:	1997		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	4.04
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:	Reciprocating Engine		
Utilization System Start Year:	1998		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	CWE		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	13		126
Current Capacity:			
Planned Capacity:			

Utilities in County: Commonwealth Edison Company

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		<i>Current</i>	
<i>Methane Reduction (tons/yr):</i>	23,357		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	490,499		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>	99,449	629	70,337	640
<i>Fuel Oil:</i>	81,623	525	57,729	336
<i>Natural Gas:</i>	54,885	0	38,818	0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:		
Mailing Address:	1815 South Wolf Road	Goodenow Road
Phone Number:	708-449-1250	708-946-2554
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Allied Waste	Annual Acceptance Rate (tons):	
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Belleville	Acres Currently Landfilled (acres):	
County:		Average Depth (feet):	
State:	IL	1998 Waste-in-Place (tons):	1,000,000
Year Open:		1998 Waste-in-Place (tons):	1,000,000
Year Closed:			

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	0.11
LFG Collection System Status:	
Current LFG Collected (mmscf/d):	1.6
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:	1997		
Electric Utility Provider(s):	Unknown		
Natural Gas Provider(s):	Unknown		
Energy Purchaser(s):	BFI - Details unknown		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	0		3
Current Capacity:			33
Planned Capacity:			

Utilities in County:

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>	626		6,167	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	13,136		129,507	
<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>	2,368	15	1,884	17
<i>Fuel Oil:</i>	1,943	13	1,546	9
<i>Natural Gas:</i>	1,307	0	1,040	0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:		
Mailing Address:		
Phone Number:		
Fax Number:		

\* Italicized indicates values estimated by EPA.

**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Dwane	Annual Acceptance Rate (tons):
Landfill Owner Type:		Year Annual Acceptance Rate Reported:
Alternative Landfill Name:		Design Capacity (tons):
City:	Belvidere	Acres Currently Landfilled (acres):
County:		Average Depth (feet):
State:	IL	Waste-in-Place (tons):
Year Open:		<i>1998 Waste-in-Place (tons):</i>
Year Closed:		

**B. LANDFILL GAS COLLECTION**

*Estimated Methane Generation (mmscf/d):*

LFG Collection System Status: Planned

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: Reciprocating Engine

Utilization System Start Year: 1995

Electric Utility Provider(s):

Natural Gas Provider(s):

Energy Purchaser(s):

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

<i>Estimated Potential Capacity:</i>		
Current Capacity:	3.68	
Planned Capacity:		

Utilities in County:

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>	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>
	<i>CO2 (tons/yr)      SO2 (tons/yr)</i>	<i>CO2 (tons/yr)      SO2 (tons/yr)</i>
<i>Coal:</i>		
<i>Fuel Oil:</i>		
<i>Natural Gas:</i>		

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:		
Mailing Address:		
Phone Number:		
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Annual Acceptance Rate (tons):	
Landfill Owner Type:	Year Annual Acceptance Rate Reported:	
Alternative Landfill Name:	Design Capacity (tons):	
City:	Acres Currently Landfilled (acres):	130
County:	Average Depth (feet):	
State: IL	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:	Operational
Current LFG Collected (mmscf/d):	2.0
Collection and Treatment System Required Under NSPS/EG:	No

**C. LANDFILL GAS UTILIZATION**

Current Utilization:

Utilization System Status:	Shutdown
Utilization System Type:	Direct Thermal
Utilization System Start Year:	1983
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:*

Current Capacity:

Planned Capacity:

42

Utilities in County:

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>	<i>Current</i>
<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>
	<i>CO2 (tons/yr) SO2 (tons/yr)</i>	<i>CO2 (tons/yr) SO2 (tons/yr)</i>
<i>Coal:</i>		
<i>Fuel Oil:</i>		
<i>Natural Gas:</i>		

**E. CONTACT INFORMATION**

Landfill Owner

Landfill Operator

Contact Name:

Mailing Address:

Phone Number:

610-437-8729

Fax Number:



**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Allied Waste Systems	Annual Acceptance Rate (tons):	
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:	Danville LF	Design Capacity (tons):	
City:	Danville	Acres Currently Landfilled (acres):	150
County:		Average Depth (feet):	60
State:	IL	1998 Waste-in-Place (tons):	3,300,000
Year Open:	1974	1998 Waste-in-Place (tons):	3,300,000
Year Closed:			

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	1.26
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:	Construction		
Utilization System Type:	Reciprocating Engine		
Utilization System Start Year:	1998		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	Illinois Power		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	4		39
Current Capacity:			
Planned Capacity:			

Utilities in County:

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>	7,297		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	153,229		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>	30,782	195	21,973	200
<i>Fuel Oil:</i>	25,264	163	18,034	105
<i>Natural Gas:</i>	16,988	0	12,127	0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:		
Mailing Address:		
Phone Number:		
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	BFI	Annual Acceptance Rate (tons):	190,494
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:	Davis Junction LF; Ogle County-Davis Junct	Design Capacity (tons):	
City:	Davis Junction	Acres Currently Landfilled (acres):	
County:	Ogle	Average Depth (feet):	
State:	IL	Waste-in-Place (tons):	4,057,864
Year Open:	1975	1998 Waste-in-Place (tons):	4,057,860
Year Closed:	1994		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	1.46
LFG Collection System Status:	Planned
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:	Reciprocating Engine		
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		46
Current Capacity:			
Planned Capacity:			

Utilities in County: Commonwealth Edison Company; Rochelle Muni Utilities

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		<i>Current</i>	
<i>Methane Reduction (tons/yr):</i>	8,417		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	176,765		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>	35,517	225	25,348	231
<i>Fuel Oil:</i>	29,151	188	20,804	121
<i>Natural Gas:</i>	19,602	0	13,989	0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:		
Mailing Address:	8900 Highway 251	8900 Highway 251
Phone Number:	815-874-9000	815-874-9000
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:		Annual Acceptance Rate (tons):	297,824
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:	Waukegan LF	Design Capacity (tons):	
City:	Zion	Acres Currently Landfilled (acres):	
County:	Lake	Average Depth (feet):	
State:	IL	Waste-in-Place (tons):	7,097,714
Year Open:	1980	1998 Waste-in-Place (tons):	7,097,716
Year Closed:	1993		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	2.23
LFG Collection System Status:	Operational
Current LFG Collected (mmscf/d):	1.4
Collection and Treatment System Required Under NSPS/EG:	No

**C. LANDFILL GAS UTILIZATION**

Current Utilization:			
Utilization System Status:	Construction		
Utilization System Type:	Reciprocating Engine		
Utilization System Start Year:	1998		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
<i>Estimated Potential Capacity:</i>	7		70
Current Capacity:			
Planned Capacity:			29

Utilities in County: Commonwealth Edison Company

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>	12,913		5,396	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	271,167		113,320	
<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>	55,249	349	38,885	354
<i>Fuel Oil:</i>	45,346	292	31,915	186
<i>Natural Gas:</i>	30,491	0	21,460	0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:		
Mailing Address:	701 Green Bay Road	701 Green Bay Road
Phone Number:	708-746-5777	708-746-5777
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Annual Acceptance Rate (tons):	379,885
Landfill Owner Type:	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:	Design Capacity (tons):	
City: Belleville	Acres Currently Landfilled (acres):	
County: St Clair	Average Depth (feet):	
State: IL	Waste-in-Place (tons):	9,067,343
Year Open: 1975	1998 Waste-in-Place (tons):	9,891,648
Year Closed: 2000		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	2.95
LFG Collection System Status:	Operational
Current LFG Collected (mmscf/d):	2.2
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):	Illinois Power Company		
Natural Gas Provider(s):			
Energy Purchaser(s):	Illinois Power Company		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	9		92
Current Capacity:	6.0		46
Planned Capacity:			

Utilities in County: Clinton County Elec Coop Inc; Egyptian Electric Coop Assn; Illinois Power Company; Monroe Count

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>	17,044		8,480	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	357,930		178,074	
<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>	72,613	459	51,327	467
<i>Fuel Oil:</i>	59,598	384	42,127	246
<i>Natural Gas:</i>	40,074	0	28,327	0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:		
Mailing Address:	11500 Bowling Green Drive	IL Route 58 and Mine Haul Road
Phone Number:	314-993-0477	618-235-9625
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	CDT Landfill Corporation	Annual Acceptance Rate (tons):	504,119
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	
City:	Joliet	Acres Currently Landfilled (acres):	100
County:	Will	Average Depth (feet):	60
State:	IL	1998 Waste-in-Place (tons):	5,460,803
Year Open:	1985	1998 Waste-in-Place (tons):	5,460,803
Year Closed:	1998		

**B. LANDFILL GAS COLLECTION**

<i>Estimated Methane Generation (mmscf/d):</i>	1.81
LFG Collection System Status:	
Current LFG Collected (mmscf/d):	0.5
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:	1997
Electric Utility Provider(s):	Unknown
Natural Gas Provider(s):	Unknown
Energy Purchaser(s):	Commonwealth Edison

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

<i>Estimated Potential Capacity:</i>	6	57
Current Capacity:	1.6	10
Planned Capacity:		

Utilities in County: Commonwealth Edison Company

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>	10,492		1,927	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	220,332		40,471	
<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>	44,989	284	31,595	288
<i>Fuel Oil:</i>	36,925	238	25,932	151
<i>Natural Gas:</i>	24,829	0	17,437	0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:		
Mailing Address:	2851 Mound Road	2851 Mound Road
Phone Number:	815-741-0736	815-741-0736
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	WMI	Annual Acceptance Rate (tons):	720,280
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:	CID LF	Design Capacity (tons):	
City:	Calumet City	Acres Currently Landfilled (acres):	400
County:	Cook	Average Depth (feet):	100
State:	IL	1994 Waste-in-Place (tons):	21,690,122
Year Open:	1979	1998 Waste-in-Place (tons):	23,380,245
Year Closed:	1996		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	6.40
LFG Collection System Status:	Operational
Current LFG Collected (mmscf/d):	6.0
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:	1989		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
<i>Estimated Potential Capacity:</i>	20		200
Current Capacity:	9.9		125
Planned Capacity:			

Utilities in County: Commonwealth Edison Company; Winnetka Elec System

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>	36,991		23,126	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	776,813		485,654	
<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>	157,855	998	111,394	1,014
<i>Fuel Oil:</i>	129,560	834	91,427	533
<i>Natural Gas:</i>	87,118	0	61,477	1

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:	Kurt Nebel	Kurt Nebel
Mailing Address:	138th Street Calumet Expressway	138th Street Calumet Expressway
Phone Number:	312-646-3099	312-646-3099
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:		Annual Acceptance Rate (tons):	1,359,875
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	
City:		Acres Currently Landfilled (acres):	
County:	Madison	Average Depth (feet):	
State:	IL	Waste-in-Place (tons):	21,230,714
Year Open:	1972	1998 Waste-in-Place (tons):	22,929,175
Year Closed:	2003		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	6.28
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:	20		196
Current Capacity:			
Planned Capacity:			

Utilities in County: Clinton County Elec Coop Inc; Highland Elec Light Dept; Illinois Power Company; MJM Electric Co

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		<i>Current</i>	
<i>Methane Reduction (tons/yr):</i>	36,324		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	762,806		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>	154,698	978	109,385	995
<i>Fuel Oil:</i>	126,969	817	89,778	523
<i>Natural Gas:</i>	85,376	0	60,368	1

**E. CONTACT INFORMATION**

Landfill Owner		Landfill Operator
Contact Name:		
Mailing Address:	2 Westbrook Corporation Square	Interstate 270 Route 3
Phone Number:	708-409-0700	618-271-6788
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Peoria Disposal Company	Annual Acceptance Rate (tons):	210,507
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:	Peoria Disposal	Design Capacity (tons):	6,700,000
City:	Clinton	Acres Currently Landfilled (acres):	
County:	De Witt	Average Depth (feet):	
State:	IL	1997 Waste-in-Place (tons):	1,100,000
Year Open:	1989	1998 Waste-in-Place (tons):	1,277,544
Year Closed:	2034		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	0.74
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: Clinton County Elec Coop Inc; Corn Belt Electric Coop Inc; Farmer City Light & Power; Illinois Pow

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		<i>Current</i>	
<i>Methane Reduction (tons/yr):</i>		4,306		0
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>		90,424		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	12,967	118
<i>Fuel Oil:</i>	14,899	96	10,642	62
<i>Natural Gas:</i>	10,019	0	7,156	0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:	Ron Edwards	Ron Edwards
Mailing Address:	4700 North Sterling Ave PO Box 9071	4700 North Sterling Ave PO Box 9071
Phone Number:	309-676-4893	309-676-4893
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Annual Acceptance Rate (tons):	218,403
Landfill Owner Type:	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:	Design Capacity (tons):	
City: Morris	Acres Currently Landfilled (acres):	
County: Grundy	Average Depth (feet):	
State: IL	Waste-in-Place (tons):	4,938,343
Year Open: 1974	1998 Waste-in-Place (tons):	4,938,339
Year Closed: 1994		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	1.68
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:	Not Interested		
Utilization System Start Year:	Not Interested		
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		53
Current Capacity:			
Planned Capacity:			

Utilities in County: Commonwealth Edison Company

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>	9,719		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	204,107		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>	41,832	264	29,269	266
<i>Fuel Oil:</i>	34,334	221	24,022	140
<i>Natural Gas:</i>	23,086	0	16,153	0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:		
Mailing Address:	13701 South Kostner	Ashley Road
Phone Number:	708-597-6266	708-389-6312
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:		Annual Acceptance Rate (tons):	629,943
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:	ARF Landfill/Formerly Olney LF	Design Capacity (tons):	
City:	Grayslake	Acres Currently Landfilled (acres):	
County:	Lake	Average Depth (feet):	
State:	IL	Waste-in-Place (tons):	11,725,718
Year Open:	1976	1998 Waste-in-Place (tons):	12,284,089
Year Closed:	1997		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	3.56
LFG Collection System Status:	
Current LFG Collected (mmscf/d):	4.77
Collection and Treatment System Required Under NSPS/EG:	No

**C. LANDFILL GAS UTILIZATION**

Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Reciprocating Engine		
Utilization System Start Year:	1998		
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:	11		111
Current Capacity:			
Planned Capacity:			99

Utilities in County: Commonwealth Edison Company

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		<i>Current</i>	
<i>Methane Reduction (tons/yr):</i>	20,582		18,386	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	432,226		386,096	
<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>	87,610	554	61,981	564
<i>Fuel Oil:</i>	71,906	463	50,871	297
<i>Natural Gas:</i>	48,351	0	34,206	0

**E. CONTACT INFORMATION**

Landfill Owner		Landfill Operator
Contact Name:	Branson	
Mailing Address:		31725 North Route 83 P.O. Box 342
Phone Number:	512-347-1441	708-223-2722
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:		Annual Acceptance Rate (tons):	73,998
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	
City:		Acres Currently Landfilled (acres):	
County:	Bond	Average Depth (feet):	
State:	IL	Waste-in-Place (tons):	1,581,904
Year Open:	1974	1998 Waste-in-Place (tons):	1,513,131
Year Closed:	1995		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	0.81
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		25
Current Capacity:			
Planned Capacity:			

Utilities in County: Illinois Power Company; MJM Electric Coop Inc; Southeastern Power Admin; Southwestern Electric

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		<i>Current</i>	
<i>Methane Reduction (tons/yr):</i>	4,654		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	97,738		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>	19,732	125	14,016	128
<i>Fuel Oil:</i>	16,195	104	11,503	67
<i>Natural Gas:</i>	10,890	0	7,735	0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:		
Mailing Address:	900 Williard P.O. Box 405	900 Williard P.O. Box 405
Phone Number:	618-664-2819	618-664-2819
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:		Annual Acceptance Rate (tons):	154,059
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	
City:		Acres Currently Landfilled (acres):	
County:	De Kalb	Average Depth (feet):	
State:	IL	Waste-in-Place (tons):	4,176,117
Year Open:	1974	1998 Waste-in-Place (tons):	4,539,258
Year Closed:	2013		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	1.58
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		49
Current Capacity:			
Planned Capacity:			

Utilities in County: Commonwealth Edison Company

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>		9,129		0
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>		191,713		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>	38,675	245	27,492	250
<i>Fuel Oil:</i>	31,742	204	22,564	132
<i>Natural Gas:</i>	21,344	0	15,172	0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:		
Mailing Address:	2 Westbrook Corporate Center	18370 Somonauk Road
Phone Number:	708-409-0700	630-232-7664
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Allied Waste Industries, Inc.	Annual Acceptance Rate (tons):	42,900
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Dixon	Acres Currently Landfilled (acres):	
County:	Lee	Average Depth (feet):	30
State:	IL	1998 Waste-in-Place (tons):	1,901,100
Year Open:	1985	1998 Waste-in-Place (tons):	1,901,100
Year Closed:	2029		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	0.90
LFG Collection System Status:	
Current LFG Collected (mmscf/d):	2.16
Collection and Treatment System Required Under NSPS/EG:	No

**C. LANDFILL GAS UTILIZATION**

Current Utilization:			
Utilization System Status:	Construction		
Utilization System Type:	Reciprocating Engine		
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:	3		28
Current Capacity:			
Planned Capacity:			45

Utilities in County: Commonwealth Edison Company

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>	5,228		8,326	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	109,788		174,836	
<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>	22,100	140	15,743	143
<i>Fuel Oil:</i>	18,139	117	12,921	75
<i>Natural Gas:</i>	12,197	0	8,689	0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:	Jeff Jarvis	Jeff Jarvis
Mailing Address:	1279 North Bataan Road	1279 North Bataan Road City Hall
Phone Number:	815-288-4607	815-288-4607
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Allied Waste Industries	Annual Acceptance Rate (tons):	
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Hoopesion	Acres Currently Landfilled (acres):	
County:		Average Depth (feet):	
State:	IL	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: 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:*

Current Capacity:

Planned Capacity:

Utilities in County:

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>	<i>Current</i>
<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>
	<i>CO2 (tons/yr) SO2 (tons/yr)</i>	<i>CO2 (tons/yr) SO2 (tons/yr)</i>
<i>Coal:</i>		
<i>Fuel Oil:</i>		
<i>Natural Gas:</i>		

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:		
Mailing Address:		
Phone Number:		
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	USA Waste Services, Inc.	Annual Acceptance Rate (tons):	93,241
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:	Leroy Brown & Sons Inc.	Design Capacity (tons):	
City:	Macomb	Acres Currently Landfilled (acres):	55
County:	McDonough	Average Depth (feet):	
State:	IL	Waste-in-Place (tons):	1,655,269
Year Open:	1974	1998 Waste-in-Place (tons):	1,799,200
Year Closed:	1999		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	0.88
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		27
Current Capacity:			
Planned Capacity:			

Utilities in County: Bushnell Mun Elec Lt & Power Utility; Central Illinois Pub Serv Co; McDonough Power Cooperative

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		<i>Current</i>	
<i>Methane Reduction (tons/yr):</i>	5,077		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	106,623		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>	21,311	135	15,290	139
<i>Fuel Oil:</i>	17,491	113	12,549	73
<i>Natural Gas:</i>	11,761	0	8,438	0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:	Randy Wells	Randy Wells
Mailing Address:	13988 East 1400th Street P.O. Box 375	13988 East 1400th Street P.O. Box 375
Phone Number:	309-833-4779	309-833-4779
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Allied Waste (old LWS)	Annual Acceptance Rate (tons):	166,226
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	
City:	Charleston	Acres Currently Landfilled (acres):	
County:	Coles	Average Depth (feet):	
State:	IL	Waste-in-Place (tons):	2,698,636
Year Open:	1979	1998 Waste-in-Place (tons):	2,998,480
Year Closed:	2010		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	1.18
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:	Reciprocating Engine
Utilization System Start Year:	1998
Electric Utility Provider(s):	
Natural Gas Provider(s):	
Energy Purchaser(s):	ZAPCO/CommEd

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

Estimated Potential Capacity:	4	37
Current Capacity:		
Planned Capacity:		

Utilities in County: Central Illinois Pub Serv Co; Coles-Moultrie Electric Coop; Edgar Electric Coop Assn

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>	6,851		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	143,867		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>	29,203	185	20,630	188
<i>Fuel Oil:</i>	23,969	154	16,932	99
<i>Natural Gas:</i>	16,117	0	11,386	0

**E. CONTACT INFORMATION**

Landfill Owner		Landfill Operator
Contact Name:		
Mailing Address:	699 Airport Freeway Suite 400	Route 104 West
Phone Number:		217-345-7414
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:		Annual Acceptance Rate (tons):	356,392
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1992
Alternative Landfill Name:		Design Capacity (tons):	
City:	Morris	Acres Currently Landfilled (acres):	
County:	Grundy	Average Depth (feet):	
State:	IL	Waste-in-Place (tons):	4,434,759
Year Open:	1986	1998 Waste-in-Place (tons):	4,031,595
Year Closed:	1995		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	1.45
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:	Construction		
Utilization System Type:	Reciprocating Engine		
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:	5		45
Current Capacity:			
Planned Capacity:			

Utilities in County: Commonwealth Edison Company

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>	8,379		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	175,949		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>	35,517	225	25,231	230
<i>Fuel Oil:</i>	29,151	188	20,708	121
<i>Natural Gas:</i>	19,602	0	13,925	0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:		
Mailing Address:	3260 South Damen Avenue	1800 Ashley Road
Phone Number:	312-842-6889	815-942-1800
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:		Annual Acceptance Rate (tons):	535,954
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:	Christian County LF	Design Capacity (tons):	
City:	Taylorville	Acres Currently Landfilled (acres):	
County:	Christian	Average Depth (feet):	
State:	IL	Waste-in-Place (tons):	10,018,182
Year Open:	1978	1998 Waste-in-Place (tons):	11,072,733
Year Closed:	2014		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	3.25
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:	Direct Thermal		
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:	10		102
Current Capacity:			
Planned Capacity:			

Utilities in County: Central Illinois Pub Serv Co; Illinois Power Company; Rural Electric Conven Coop Co; Shelby Electr

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		<i>Current</i>	
<i>Methane Reduction (tons/yr):</i>	18,791		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	394,609		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>	80,506	509	56,586	515
<i>Fuel Oil:</i>	66,076	425	46,443	271
<i>Natural Gas:</i>	44,430	0	31,229	0

**E. CONTACT INFORMATION**

Landfill Owner		Landfill Operator
Contact Name:	Dan Erni	
Mailing Address:	890 East 1500 North Road	Route 104 West Rural Route 2 Box 79E
Phone Number:	708-409-0700	217-824-3942
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Annual Acceptance Rate (tons):	3,304,788
Landfill Owner Type:	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:	Design Capacity (tons):	
City: Naperville	Acres Currently Landfilled (acres):	210
County: Du Page	Average Depth (feet):	190
State: IL	1994 Waste-in-Place (tons):	18,707,345
Year Open: 1974	1998 Waste-in-Place (tons):	27,122,036
Year Closed: 1998		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	7.36
LFG Collection System Status:	Operational
Current LFG Collected (mmscf/d):	6.0
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:	1996		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
<i>Estimated Potential Capacity:</i>	23		230
Current Capacity:	6.6		125
Planned Capacity:			

Utilities in County: Commonwealth Edison Company

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>	42,525		23,126	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	893,015		485,654	
<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>	181,534	1,147	128,057	1,165
<i>Fuel Oil:</i>	148,995	959	105,103	613
<i>Natural Gas:</i>	100,186	0	70,673	1

**E. CONTACT INFORMATION**

Landfill Owner		Landfill Operator
Contact Name:		
Mailing Address:	P.O. Box 2339	9 South 610 Greene Road
Phone Number:	708-790-4900	708-983-8770
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Allied Waste Industries	Annual Acceptance Rate (tons):	277,788
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:	Brickyard Disposal & Recycling	Design Capacity (tons):	
City:	Danville	Acres Currently Landfilled (acres):	
County:	Vermilion	Average Depth (feet):	
State:	IL	Waste-in-Place (tons):	5,627,262
Year Open:	1981	1998 Waste-in-Place (tons):	6,330,672
Year Closed:	2010		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	2.04
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:	Construction		
Utilization System Type:	Reciprocating Engine		
Utilization System Start Year:	1999		
Electric Utility Provider(s):	Commonwealth Edison		
Natural Gas Provider(s):	Unknown		
Energy Purchaser(s):	Illinois Power		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	6		64
Current Capacity:			
Planned Capacity:			

Utilities in County: Central Illinois Light Company; Central Illinois Pub Serv Co; Eastern Illini Electric Coop; Edgar Elec

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>	11,778		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	247,346		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>	50,514	319	35,469	323
<i>Fuel Oil:</i>	41,459	267	29,111	170
<i>Natural Gas:</i>	27,878	0	19,575	0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:		
Mailing Address:	Trust #3087 One Towne Center	P.O. Box 515
Phone Number:	217-442-0362	217-431-3242
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:		Annual Acceptance Rate (tons):	130,464
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	
City:		Acres Currently Landfilled (acres):	
County:	Williamson	Average Depth (feet):	
State:	IL	Waste-in-Place (tons):	1,980,816
Year Open:	1975	1998 Waste-in-Place (tons):	1,980,814
Year Closed:	1994		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	0.92
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		29
Current Capacity:			
Planned Capacity:			

Utilities in County: Central Illinois Pub Serv Co; Clay Electric Cooperative Inc; Clinton County Elec Coop Inc; Egyptian

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		<i>Current</i>	
<i>Methane Reduction (tons/yr):</i>	5,346		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	112,262		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>	22,889	145	16,098	147
<i>Fuel Oil:</i>	18,786	121	13,213	77
<i>Natural Gas:</i>	12,632	0	8,884	0

**E. CONTACT INFORMATION**

Landfill Owner		Landfill Operator
Contact Name:		
Mailing Address:	300 North Park Avenue	Rural Route 1 Landfill Road
Phone Number:	618-942-6166	618-942-2474
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	BFI	Annual Acceptance Rate (tons):	
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Hillside	Acres Currently Landfilled (acres):	
County:		Average Depth (feet):	
State:	IL	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:	Reciprocating Engine
Utilization System Start Year:	1999
Electric Utility Provider(s):	Unknown
Natural Gas Provider(s):	Unknown
Energy Purchaser(s):	Commonwealth Edison Company

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

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

Utilities in County:

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>	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>
	<i>CO2 (tons/yr)      SO2 (tons/yr)</i>	<i>CO2 (tons/yr)      SO2 (tons/yr)</i>
<i>Coal:</i>		
<i>Fuel Oil:</i>		
<i>Natural Gas:</i>		

**E. CONTACT INFORMATION**

Landfill Owner	Landfill Operator
Contact Name:	
Mailing Address:	
Phone Number:	
Fax Number:	

\* *Italicized indicates values estimated by EPA.*

**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Allied Waste Industries	Annual Acceptance Rate (tons):	731,671
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	
City:	Milford	Acres Currently Landfilled (acres):	
County:	Iroquois	Average Depth (feet):	
State:	IL	Waste-in-Place (tons):	13,736,372
Year Open:	1975	1998 Waste-in-Place (tons):	14,985,127
Year Closed:	2013		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	4.25
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:	13		133
Current Capacity:			
Planned Capacity:			

Utilities in County: Central Illinois Pub Serv Co; Eastern Illini Electric Coop

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		<i>Current</i>	
<i>Methane Reduction (tons/yr):</i>	24,577		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	516,107		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>	104,974	664	74,009	673
<i>Fuel Oil:</i>	86,158	555	60,743	354
<i>Natural Gas:</i>	57,934	0	40,845	0

**E. CONTACT INFORMATION**

Landfill Owner		Landfill Operator
Contact Name:		
Mailing Address:	P.O. Box 29	
Phone Number:	815-889-4700	217-431-3242
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Allied Waste Industries	Annual Acceptance Rate (tons):	679,972
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	
City:	Donovan	Acres Currently Landfilled (acres):	
County:	Iroquois	Average Depth (feet):	
State:	IL	Waste-in-Place (tons):	8,887,255
Year Open:	1974	1998 Waste-in-Place (tons):	8,887,254
Year Closed:	1993		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	2.69
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:	8		84
Current Capacity:			
Planned Capacity:			

Utilities in County: Central Illinois Pub Serv Co; Eastern Illini Electric Coop

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>		15,559		0
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>		326,739		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>	66,299	419	46,854	426
<i>Fuel Oil:</i>	54,415	350	38,456	224
<i>Natural Gas:</i>	36,590	0	25,858	0

**E. CONTACT INFORMATION**

Landfill Owner		Landfill Operator
Contact Name:		
Mailing Address:	P.O. Box 29	State Road 52
Phone Number:	815-889-4700	
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	WMI	Annual Acceptance Rate (tons):	198,788
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:	Kankakee LF	Design Capacity (tons):	
City:	Chebanse	Acres Currently Landfilled (acres):	60
County:	Kankakee	Average Depth (feet):	80
State:	IL	1994 Waste-in-Place (tons):	1,224,787
Year Open:	1974	1998 Waste-in-Place (tons):	1,958,362
Year Closed:	2010		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	0.92
LFG Collection System Status:	Operational
Current LFG Collected (mmscf/d):	0.7
Collection and Treatment System Required Under NSPS/EG:	Yes

**C. LANDFILL GAS UTILIZATION**

Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	Reciprocating Engine		
Utilization System Start Year:	1992		
Electric Utility Provider(s):	Comm. Edison		
Natural Gas Provider(s):			
Energy Purchaser(s):	Comm. Edison Co.		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
<i>Estimated Potential Capacity:</i>	3		29
Current Capacity:	1.6		13
Planned Capacity:			

Utilities in County: Commonwealth Edison Company

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>	5,313		2,698	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	111,565		56,660	
<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>	22,889	145	15,998	146
<i>Fuel Oil:</i>	18,786	121	13,131	77
<i>Natural Gas:</i>	12,632	0	8,829	0

**E. CONTACT INFORMATION**

Landfill Owner		Landfill Operator
Contact Name:	Mark Henke, Division Manager	
Mailing Address:	P.O. Box 7070	180 East 6000 South Road
Phone Number:	708-409-0700	815-937-5539
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	City of Kewanee	Annual Acceptance Rate (tons):	
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Kewanee	Acres Currently Landfilled (acres):	
County:		Average Depth (feet):	
State:	IL	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: Operational  
 Utilization System Type: Reciprocating Engine  
 Utilization System Start Year: 1998  
 Electric Utility Provider(s):  
 Natural Gas Provider(s):  
 Energy Purchaser(s): Illinois Power

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

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

Utilities in County:

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>	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>
	<i>CO2 (tons/yr) SO2 (tons/yr)</i>	<i>CO2 (tons/yr) SO2 (tons/yr)</i>
<i>Coal:</i>		
<i>Fuel Oil:</i>		
<i>Natural Gas:</i>		

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:		
Mailing Address:		
Phone Number:		309-852-2371
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Laidlaw Waste Systems	Annual Acceptance Rate (tons):	31,234
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	
City:		Acres Currently Landfilled (acres):	
County:	St Clair	Average Depth (feet):	
State:	IL	Waste-in-Place (tons):	1,699,012
Year Open:	1977	1998 Waste-in-Place (tons):	1,868,915
Year Closed:	2044		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	0.90
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	28
Current Capacity:		
Planned Capacity:		

Utilities in County: Clinton County Elec Coop Inc; Egyptian Electric Coop Assn; Illinois Power Company; Monroe Count

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		<i>Current</i>	
<i>Methane Reduction (tons/yr):</i>	5,180		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	108,788		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>	22,100	140	15,600	142
<i>Fuel Oil:</i>	18,139	117	12,804	75
<i>Natural Gas:</i>	12,197	0	8,609	0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:		
Mailing Address:	P.O. Box 97	2381 Park Road
Phone Number:		
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:		Annual Acceptance Rate (tons):	2,447,151
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1992
Alternative Landfill Name:		Design Capacity (tons):	
City:	Northbrook	Acres Currently Landfilled (acres):	187
County:	Cook	Average Depth (feet):	140
State:	IL	1994 Waste-in-Place (tons):	10,000,000
Year Open:	1979	1998 Waste-in-Place (tons):	10,000,000
Year Closed:	1992		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	2.98
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):	

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

Estimated Potential Capacity:	9	93
Current Capacity:	12.8	167
Planned Capacity:		

Utilities in County: Commonwealth Edison Company; Winnetka Elec System

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>	17,205		30,835	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	361,295		647,539	
<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>	73,403	464	51,809	471
<i>Fuel Oil:</i>	60,246	388	42,523	248
<i>Natural Gas:</i>	40,510	0	28,593	0

**E. CONTACT INFORMATION**

Landfill Owner

Landfill Operator

Contact Name:

Mailing Address: 1985 Waukegan Road

Phone Number:

Fax Number:



**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Land & Lakes	Annual Acceptance Rate (tons):	617,613
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	
City:	Park Ridge	Acres Currently Landfilled (acres):	
County:	Cook	Average Depth (feet):	
State:	IL	Waste-in-Place (tons):	11,183,620
Year Open:	1971	1998 Waste-in-Place (tons):	11,183,619
Year Closed:	1993		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	3.28
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:	Reciprocating Engine		
Utilization System Start Year:	1998		
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:	10		103
Current Capacity:	1.0		
Planned Capacity:			

Utilities in County: Commonwealth Edison Company; Winnetka Elec System

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		<i>Current</i>	
<i>Methane Reduction (tons/yr):</i>	18,955		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	398,053		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>	80,506	509	57,080	519
<i>Fuel Oil:</i>	66,076	425	46,849	273
<i>Natural Gas:</i>	44,430	0	31,502	0

**E. CONTACT INFORMATION**

Landfill Owner		Landfill Operator
Contact Name:	Jim Cowhey	
Mailing Address:	123 North Northwest Highway PO Box 778	
Phone Number:	708-825-5000	773-264-8508
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Stoney Island Reclamation Co.	Annual Acceptance Rate (tons):	529,844
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	
City:	Chicago	Acres Currently Landfilled (acres):	
County:	Cook	Average Depth (feet):	
State:	IL	Waste-in-Place (tons):	7,367,247
Year Open:	1978	1998 Waste-in-Place (tons):	8,142,750
Year Closed:	2002		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	2.50
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:	Reciprocating Engine		
Utilization System Start Year:	1998		
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:	8		78
Current Capacity:	2.0		
Planned Capacity:			

Utilities in County: Commonwealth Edison Company; Winnetka Elec System

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		<i>Current</i>	
<i>Methane Reduction (tons/yr):</i>	14,458		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	303,620		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>	61,564	389	43,539	396
<i>Fuel Oil:</i>	50,529	325	35,734	208
<i>Natural Gas:</i>	33,976	0	24,028	0

**E. CONTACT INFORMATION**

Landfill Owner		Landfill Operator
Contact Name:	Jim Cowhey	
Mailing Address:	123 North Northwest Highway P.O. Box 778	2000 East 122nd Street
Phone Number:	708-825-5000	847-825-5000
Fax Number:		



**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Land and Lakes Company	Annual Acceptance Rate (tons):	11,482
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1992
Alternative Landfill Name:	Dolton LF	Design Capacity (tons):	
City:	Dolton	Acres Currently Landfilled (acres):	46
County:	Cook	Average Depth (feet):	
State:	IL	Waste-in-Place (tons):	744,163
Year Open:	1977	1998 Waste-in-Place (tons):	861,663
Year Closed:			

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	0.30
LFG Collection System Status:	Planned
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:	Reciprocating Engine
Utilization System Start Year:	1998
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:	1	10
Current Capacity:	1.6	
Planned Capacity:		

Utilities in County: Commonwealth Edison Company; Winnetka Elec System

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>	1,761		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	36,973		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>	7,893	50	5,302	48
<i>Fuel Oil:</i>	6,478	42	4,352	25
<i>Natural Gas:</i>	4,356	0	2,926	0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:		
Mailing Address:	123 North Northwest Highway	1220 East 138th Street
Phone Number:	708-825-5000	708-825-5000
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Annual Acceptance Rate (tons):	61,905
Landfill Owner Type:	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:	Design Capacity (tons):	
City:	Acres Currently Landfilled (acres):	
County: Will	Average Depth (feet):	
State: IL	Waste-in-Place (tons):	2,287,592
Year Open: 1972	1998 Waste-in-Place (tons):	2,287,587
Year Closed: 1994		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	1.00
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:	Reciprocating Engine		
Utilization System Start Year:	1997		
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:			
Planned Capacity:			

Utilities in County: Commonwealth Edison Company

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>	5,800		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	121,790		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>	24,468	155	17,464	159
<i>Fuel Oil:</i>	20,082	129	14,334	84
<i>Natural Gas:</i>	13,503	0	9,638	0

**E. CONTACT INFORMATION**

Landfill Owner		Landfill Operator
Contact Name:		
Mailing Address:	123 North Northwest Highway	
Phone Number:	708-825-5000	
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Prarie Preservation	Annual Acceptance Rate (tons):	
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Lansing	Acres Currently Landfilled (acres):	
County:		Average Depth (feet):	
State:	IL	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:	Operational
Utilization System Type:	Reciprocating Engine
Utilization System Start Year:	1997
Electric Utility Provider(s):	
Natural Gas Provider(s):	
Energy Purchaser(s):	CWE

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

<i>Estimated Potential Capacity:</i>		
Current Capacity:	1.5	
Planned Capacity:		

Utilities in County:

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>	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>
	<i>CO2 (tons/yr) SO2 (tons/yr)</i>	<i>CO2 (tons/yr) SO2 (tons/yr)</i>
<i>Coal:</i>		
<i>Fuel Oil:</i>		
<i>Natural Gas:</i>		

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:		
Mailing Address:		
Phone Number:		
Fax Number:		



**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	WMI	Annual Acceptance Rate (tons):	61,905
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:	ESL, Inc.	Design Capacity (tons):	
City:	Elwood	Acres Currently Landfilled (acres):	
County:	Will	Average Depth (feet):	
State:	IL	Waste-in-Place (tons):	1,889,750
Year Open:	1976	1998 Waste-in-Place (tons):	1,889,746
Year Closed:	1994		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	0.90
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:	Potential		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):	Comm. Edison		
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	3		28
Current Capacity:			
Planned Capacity:			

Utilities in County: Commonwealth Edison Company

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		<i>Current</i>	
<i>Methane Reduction (tons/yr):</i>	5,211		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	109,435		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>	22,100	140	15,693	143
<i>Fuel Oil:</i>	18,139	117	12,880	75
<i>Natural Gas:</i>	12,197	0	8,661	0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:	Bill Schubert, Division Manager	Glenn Bowie
Mailing Address:	P.O. Box 7070	21101 West Laraway Road
Phone Number:	708-409-0700	815-727-6748
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	EnvoTech Incorporated	Annual Acceptance Rate (tons):	211,633
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:	Envotech Illinois	Design Capacity (tons):	
City:	Litchfield	Acres Currently Landfilled (acres):	
County:	Montgomery	Average Depth (feet):	
State:	IL	Waste-in-Place (tons):	3,990,907
Year Open:	1976	1998 Waste-in-Place (tons):	4,370,989
Year Closed:	2020		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	1.54
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:	5		48
Current Capacity:			
Planned Capacity:			

Utilities in County: Central Illinois Pub Serv Co; Illinois Power Company; MJM Electric Coop Inc; Rural Electric Conven

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		<i>Current</i>	
<i>Methane Reduction (tons/yr):</i>	8,880		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	186,488		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>	37,885	240	26,742	243
<i>Fuel Oil:</i>	31,095	200	21,949	128
<i>Natural Gas:</i>	20,908	0	14,759	0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:	Dave Beard	Dave Beard
Mailing Address:	PO Box 97 2782 Landfill Trail	PO Box 97 2782 Landfill Trail
Phone Number:	217-324-2811	217-324-2811
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Liberty Waste Services Ltd.	Annual Acceptance Rate (tons):	390,000
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Litchfield	Acres Currently Landfilled (acres):	61
County:		Average Depth (feet):	100
State:	IL	1998 Waste-in-Place (tons):	
Year Open:	1975	1998 Waste-in-Place (tons):	5,903,607
Year Closed:	2014		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	1.93
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):	Illinois Power Company		
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	6		60
Current Capacity:			
Planned Capacity:			

Utilities in County:

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		<i>Current</i>	
<i>Methane Reduction (tons/yr):</i>	11,147		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	234,083		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>	47,357	299	33,567	305
<i>Fuel Oil:</i>	38,868	250	27,550	161
<i>Natural Gas:</i>	26,136	0	18,525	0

**E. CONTACT INFORMATION**

Landfill Owner		Landfill Operator
Contact Name:		Dave Beard
Mailing Address:	625 Liberty Avenue Suite 3100	2782 Landfill Trail
Phone Number:		217-324-2811
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	American Disposal	Annual Acceptance Rate (tons):	427,141
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	
City:	Pontiac	Acres Currently Landfilled (acres):	
County:	Livingston	Average Depth (feet):	
State:	IL	Waste-in-Place (tons):	4,147,839
Year Open:	1978	1998 Waste-in-Place (tons):	4,584,453
Year Closed:	2000		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	1.59
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:	Reciprocating Engine		
Utilization System Start Year:	1998		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	CWE		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	5		50
Current Capacity:			
Planned Capacity:			

Utilities in County: Central Illinois Pub Serv Co; Commonwealth Edison Company; Corn Belt Electric Coop Inc; Eastern

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>	9,196		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	193,118		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>	39,464	249	27,693	252
<i>Fuel Oil:</i>	32,390	209	22,729	133
<i>Natural Gas:</i>	21,780	0	15,283	0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:		
Mailing Address:	620 West Germantown Pike Suite 250	Rural Route 3 P.O. Box 646
Phone Number:	815-844-3054	815-844-3054
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	American Grading	Annual Acceptance Rate (tons):	
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	McCook	Acres Currently Landfilled (acres):	
County:		Average Depth (feet):	
State:	IL	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:	Operational
Utilization System Type:	Reciprocating Engine
Utilization System Start Year:	1998
Electric Utility Provider(s):	
Natural Gas Provider(s):	
Energy Purchaser(s):	CWE

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

<i>Estimated Potential Capacity:</i>	
Current Capacity:	4.5
Planned Capacity:	

Utilities in County:

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>	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>
	<i>CO2 (tons/yr) SO2 (tons/yr)</i>	<i>CO2 (tons/yr) SO2 (tons/yr)</i>
<i>Coal:</i>		
<i>Fuel Oil:</i>		
<i>Natural Gas:</i>		

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:		
Mailing Address:		
Phone Number:		
Fax Number:		

**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Macon County LF	Annual Acceptance Rate (tons):	498,126
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	
City:	Decatur	Acres Currently Landfilled (acres):	
County:	Macon	Average Depth (feet):	
State:	IL	Waste-in-Place (tons):	8,141,092
Year Open:	1976	1998 Waste-in-Place (tons):	8,528,762
Year Closed:	1997		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	2.60
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:	Reciprocating Engine		
Utilization System Start Year:	1998		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	Illinois Power Company		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	8		81
Current Capacity:			
Planned Capacity:	3		

Utilities in County: Central Illinois Pub Serv Co; Corn Belt Electric Coop Inc; Illinois Power Company; Menard Electric

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		<i>Current</i>	
<i>Methane Reduction (tons/yr):</i>	15,029		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	315,607		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>	63,931	404	45,258	412
<i>Fuel Oil:</i>	52,472	338	37,145	217
<i>Natural Gas:</i>	35,283	0	24,977	0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:	Glen Lynch, President	Glen, Lynch
Mailing Address:	Rural Route 8 Box 115	Rural Route 8 Box 115
Phone Number:	217-963-2976	217-963-2976
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Du Page District Preserve (?)	Annual Acceptance Rate (tons):	2,224,516
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	
City:	Hanover Park	Acres Currently Landfilled (acres):	217
County:	Du Page	Average Depth (feet):	35
State:	IL	1994 Waste-in-Place (tons):	21,260,457
Year Open:	1982	1998 Waste-in-Place (tons):	30,448,037
Year Closed:	1999		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	8.21
LFG Collection System Status:	Operational
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:	Construction
Utilization System Type:	Gas Turbine
Utilization System Start Year:	1997
Electric Utility Provider(s):	Unknown
Natural Gas Provider(s):	Unknown
Energy Purchaser(s):	Commonwealth Edison Company

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

Estimated Potential Capacity:	26	256
Current Capacity:		
Planned Capacity:	20.5	104

Utilities in County: Commonwealth Edison Company

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>	47,443		19,272	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	996,301		404,712	
<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>	202,055	1,277	142,868	1,300
<i>Fuel Oil:</i>	165,837	1,068	117,260	683
<i>Natural Gas:</i>	111,511	0	78,847	1

**E. CONTACT INFORMATION**

## Landfill Owner

## Landfill Operator

Contact Name:		John Dixon
Mailing Address:	185 Spring Road P.O. Box 2339	26 West 580 Sachick Road
Phone Number:	708-894-9000	312-894-9000
Fax Number:		



**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	WMI	Annual Acceptance Rate (tons):	55,493
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	
City:	East St. Louis	Acres Currently Landfilled (acres):	176
County:	St Clair	Average Depth (feet):	50
State:	IL	1998 Waste-in-Place (tons):	10,000,000
Year Open:	1974	1998 Waste-in-Place (tons):	10,000,000
Year Closed:	2008		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	2.98
LFG Collection System Status:	Operational
Current LFG Collected (mmscf/d):	1.0
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:	1991
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:	9	93
Current Capacity:	2.4	21
Planned Capacity:		

Utilities in County: Clinton County Elec Coop Inc; Egyptian Electric Coop Assn; Illinois Power Company; Monroe Count

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>	17,205		3,854	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	361,295		80,942	
<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>	73,403	464	51,809	471
<i>Fuel Oil:</i>	60,246	388	42,523	248
<i>Natural Gas:</i>	40,510	0	28,593	0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:		
Mailing Address:	601 Madison Road	601 Madison Road
Phone Number:	618-271-6788	618-271-6788
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:		Annual Acceptance Rate (tons):	76,888
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1991
Alternative Landfill Name:		Design Capacity (tons):	
City:		Acres Currently Landfilled (acres):	
County:	Douglas	Average Depth (feet):	
State:	IL	Waste-in-Place (tons):	1,307,103
Year Open:	1975	1998 Waste-in-Place (tons):	1,307,096
Year Closed:	1991		

**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:	Planned		
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		24
Current Capacity:			
Planned Capacity:			

Utilities in County: Central Illinois Pub Serv Co; Coles-Moultrie Electric Coop; Eastern Illini Electric Coop; Edgar Electr

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		<i>Current</i>	
<i>Methane Reduction (tons/yr):</i>		4,350		0
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>		91,342		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>	18,943	120	13,098	119
<i>Fuel Oil:</i>	15,547	100	10,750	63
<i>Natural Gas:</i>	10,454	0	7,229	0

**E. CONTACT INFORMATION**

Landfill Owner		Landfill Operator
Contact Name:		
Mailing Address:	P.O. Box 1	
Phone Number:	217-832-2111	
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Forbes, Inc.	Annual Acceptance Rate (tons):	
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:		Acres Currently Landfilled (acres):	
County:		Average Depth (feet):	
State:	IL	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:	Operational
Utilization System Type:	Reciprocating Engine
Utilization System Start Year:	1997
Electric Utility Provider(s):	
Natural Gas Provider(s):	
Energy Purchaser(s):	Commonwealth Edison

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

<i>Estimated Potential Capacity:</i>		
Current Capacity:	1.6	
Planned Capacity:		

Utilities in County:

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>	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>
	<i>CO2 (tons/yr) SO2 (tons/yr)</i>	<i>CO2 (tons/yr) SO2 (tons/yr)</i>
<i>Coal:</i>		
<i>Fuel Oil:</i>		
<i>Natural Gas:</i>		

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:		
Mailing Address:		
Phone Number:		
Fax Number:		

**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	States Land Improvement	Annual Acceptance Rate (tons):	
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Ottawa	Acres Currently Landfilled (acres):	
County:		Average Depth (feet):	
State:	IL	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: Operational

Utilization System Type: Reciprocating Engine

Utilization System Start Year:

Electric Utility Provider(s):

Natural Gas Provider(s):

Energy Purchaser(s): CWE

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

*Estimated Potential Capacity:*

Current Capacity:

Planned Capacity:

Utilities in County:

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>	<i>Current</i>
<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>
	<i>CO2 (tons/yr) SO2 (tons/yr)</i>	<i>CO2 (tons/yr) SO2 (tons/yr)</i>
<i>Coal:</i>		
<i>Fuel Oil:</i>		
<i>Natural Gas:</i>		

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:		
Mailing Address:		
Phone Number:		
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:		Annual Acceptance Rate (tons):	125,575
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:	PageL Pit	Design Capacity (tons):	
City:	New Milford	Acres Currently Landfilled (acres):	
County:	Winnebago	Average Depth (feet):	
State:	IL	Waste-in-Place (tons):	4,552,694
Year Open:	1972	1998 Waste-in-Place (tons):	4,916,908
Year Closed:	2015		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	1.68
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:	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: Commonwealth Edison Company; Interstate Power Co; Rock County Electric Coop Assn; South Belo

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>	9,688		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	203,442		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	29,173	265
<i>Fuel Oil:</i>	33,686	217	23,944	140
<i>Natural Gas:</i>	22,651	0	16,100	0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:		
Mailing Address:	4920 Forest Hills Road	8403 Lindenwood Road
Phone Number:	815-654-4779	815-874-4806
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Annual Acceptance Rate (tons):	89,831
Landfill Owner Type:	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:	Design Capacity (tons):	
City:	Acres Currently Landfilled (acres):	
County: Tazewell	Average Depth (feet):	
State: IL	Waste-in-Place (tons):	3,329,169
Year Open: 1970	1998 Waste-in-Place (tons):	3,575,778
Year Closed: 2005		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	1.33
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:	4		42
Current Capacity:			
Planned Capacity:			

Utilities in County: Central Illinois Light Company; Corn Belt Electric Coop Inc; Egyptian Electric Coop Assn; Illinois Po

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		<i>Current</i>	
<i>Methane Reduction (tons/yr):</i>	7,705		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	161,795		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>	33,150	210	23,201	211
<i>Fuel Oil:</i>	27,208	175	19,042	111
<i>Natural Gas:</i>	18,295	0	12,804	0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:	Ron Borrema	Ron Borrema
Mailing Address:	Rural Route #2 Towerline Road	Rural Route #2 Towerline Road
Phone Number:	303-348-3679	217-787-2334
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:		Annual Acceptance Rate (tons):	431,129
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	
City:	Brinfield	Acres Currently Landfilled (acres):	
County:	Peoria	Average Depth (feet):	
State:	IL	Waste-in-Place (tons):	8,432,687
Year Open:	1975	1998 Waste-in-Place (tons):	9,199,296
Year Closed:	1998		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	2.77
LFG Collection System Status:	
Current LFG Collected (mmscf/d):	3.6
Collection and Treatment System Required Under NSPS/EG:	No

**C. LANDFILL GAS UTILIZATION**

Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):	CILCO		
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	9		87
Current Capacity:			75
Planned Capacity:			

Utilities in County: Central Illinois Light Company; Central Illinois Pub Serv Co; Spoon River Electric Coop Inc

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>	16,021		13,876	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	336,431		291,392	
<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>	68,667	434	48,244	439
<i>Fuel Oil:</i>	56,359	363	39,596	231
<i>Natural Gas:</i>	37,896	0	26,625	0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:		
Mailing Address:	419 Fulton Street Room 307	Rural Route 2 Box 99AA
Phone Number:	309-672-8537	309-565-4281
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Peoria Disposal Company	Annual Acceptance Rate (tons):	76,347
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	
City:	Peoria	Acres Currently Landfilled (acres):	
County:	Peoria	Average Depth (feet):	
State:	IL	Waste-in-Place (tons):	1,634,403
Year Open:	1974	1998 Waste-in-Place (tons):	1,776,533
Year Closed:	2010		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	0.87
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	27
Current Capacity:		
Planned Capacity:		

Utilities in County: Central Illinois Light Company; Central Illinois Pub Serv Co; Spoon River Electric Coop Inc

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		<i>Current</i>	
<i>Methane Reduction (tons/yr):</i>	5,044		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	105,920		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>	21,311	135	15,189	138
<i>Fuel Oil:</i>	17,491	113	12,466	73
<i>Natural Gas:</i>	11,761	0	8,382	0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:	Ron Edwards	Lori Cusack
Mailing Address:	4349 Southport Road	4700 North Sterling Avenue
Phone Number:	309-676-4893	309-688-0760
Fax Number:		



**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:		Annual Acceptance Rate (tons):	398,226
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:	Milan LF	Design Capacity (tons):	
City:	Milan	Acres Currently Landfilled (acres):	
County:	Rock Island	Average Depth (feet):	
State:	IL	Waste-in-Place (tons):	6,079,104
Year Open:	1981	1998 Waste-in-Place (tons):	6,838,992
Year Closed:	1998		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	2.17
LFG Collection System Status:	Planned
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:	Reciprocating Engine		
Utilization System Start Year:	1998		
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		68
Current Capacity:			
Planned Capacity:	4		

Utilities in County: Iowa-Illinois Gas & Electric Co

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		<i>Current</i>	
<i>Methane Reduction (tons/yr):</i>	12,530		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	263,132		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>	53,671	339	37,733	343
<i>Fuel Oil:</i>	44,051	284	30,969	181
<i>Natural Gas:</i>	29,620	0	20,824	0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:		
Mailing Address:	13606 Knoxville Road	13606 Knoxville Road
Phone Number:	309-787-2303	309-787-2303
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Adams County	Annual Acceptance Rate (tons):	75,746
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	
City:	Quincy	Acres Currently Landfilled (acres):	70
County:	Adams	Average Depth (feet):	30
State:	IL	Waste-in-Place (tons):	2,187,359
Year Open:	1977	1998 Waste-in-Place (tons):	2,296,728
Year Closed:	1997		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	1.01
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		31
Current Capacity:			
Planned Capacity:			

Utilities in County: Adams Electrical Cooperative; Central Illinois Pub Serv Co; Illinois Rural Electric Co; Western Illino

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>	5,813		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	122,073		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>	24,468	155	17,505	159
<i>Fuel Oil:</i>	20,082	129	14,367	84
<i>Natural Gas:</i>	13,503	0	9,661	0

**E. CONTACT INFORMATION**

Landfill Owner		Landfill Operator
Contact Name:		Don Kulek
Mailing Address:		Rural Route #1 Sanitation Department
Phone Number:	217-228-4530	217-228-4555
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Allied Waste Industries	Annual Acceptance Rate (tons):	
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Jerseyville	Acres Currently Landfilled (acres):	
County:	Jersey	Average Depth (feet):	
State:	IL	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: 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:*

Current Capacity:

Planned Capacity:

Utilities in County:

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>	<i>Current</i>
<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>
	<i>CO2 (tons/yr) SO2 (tons/yr)</i>	<i>CO2 (tons/yr) SO2 (tons/yr)</i>
<i>Coal:</i>		
<i>Fuel Oil:</i>		
<i>Natural Gas:</i>		

**E. CONTACT INFORMATION**

Landfill Owner

Landfill Operator

Contact Name:	Mike Whitlock
Mailing Address:	4600 Cahokia Rd. PO Box 97
Phone Number:	618-656-6912
Fax Number:	

**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	City of Rochelle	Annual Acceptance Rate (tons):	120,489
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	
City:	Rochelle	Acres Currently Landfilled (acres):	47
County:	Ogle	Average Depth (feet):	50
State:	IL	Waste-in-Place (tons):	2,389,208
Year Open:	1974	1998 Waste-in-Place (tons):	2,596,968
Year Closed:	2003		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	1.08
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):	Rochelle Municipal Utilities		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	3		34
Current Capacity:			
Planned Capacity:			

Utilities in County: Commonwealth Edison Company; Rochelle Muni Utilities

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		<i>Current</i>	
<i>Methane Reduction (tons/yr):</i>	6,257		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	131,397		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>	26,835	170	18,842	171
<i>Fuel Oil:</i>	22,025	142	15,465	90
<i>Natural Gas:</i>	14,810	0	10,399	0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:	Tom Hilbert, Landfill Engineering Manager	
Mailing Address:	6th Street & 5th Avenue	6th Street & 5th Avenue
Phone Number:	815-562-7947	815-874-4806
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:		Annual Acceptance Rate (tons):	
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Chicago	Acres Currently Landfilled (acres):	
County:		Average Depth (feet):	
State:	IL	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: Operational

Utilization System Type: Reciprocating Engine

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:*

Current Capacity:

Planned Capacity:

1.9

Utilities in County:

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>	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>
	<i>CO2 (tons/yr) SO2 (tons/yr)</i>	<i>CO2 (tons/yr) SO2 (tons/yr)</i>
<i>Coal:</i>		
<i>Fuel Oil:</i>		
<i>Natural Gas:</i>		

**E. CONTACT INFORMATION**

Landfill Owner

Landfill Operator

Contact Name:

Mailing Address:

Phone Number:

Fax Number:

**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Allied Waste (old LWS)	Annual Acceptance Rate (tons):	
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:	Cahokia Road Landfill	Design Capacity (tons):	
City:	Roxana	Acres Currently Landfilled (acres):	104
County:	Madison	Average Depth (feet):	85
State:	IL	1998 Waste-in-Place (tons):	1,335,650
Year Open:	1963	1998 Waste-in-Place (tons):	1,335,650
Year Closed:	2024		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	0.71
LFG Collection System Status:	
Current LFG Collected (mmscf/d):	1.2
Collection and Treatment System Required Under NSPS/EG:	No

**C. LANDFILL GAS UTILIZATION**

Current Utilization:			
Utilization System Status:	Planned		
Utilization System Type:	Reciprocating Engine		
Utilization System Start Year:	1998		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	ZAPCO/CommED		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	2		22
Current Capacity:			
Planned Capacity:			25

Utilities in County: Clinton County Elec Coop Inc; Highland Elec Light Dept; Illinois Power Company; MJM Electric Co

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>	4,110		4,625	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	86,302		97,131	
<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>	17,364	110	12,376	113
<i>Fuel Oil:</i>	14,252	92	10,157	59
<i>Natural Gas:</i>	9,583	0	6,830	0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:	Mike Whitlock	Mike Whitlock
Mailing Address:	4600 Cahokia Rd. PO Box 97	4600 Cahokia Rd. PO Box 97
Phone Number:	618-656-6912	618-656-6912
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:		Annual Acceptance Rate (tons):	274,463
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	
City:	Springfield	Acres Currently Landfilled (acres):	
County:	Sangamon	Average Depth (feet):	
State:	IL	Waste-in-Place (tons):	4,855,174
Year Open:	1980	1998 Waste-in-Place (tons):	5,426,368
Year Closed:	2021		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	1.81
LFG Collection System Status:	
Current LFG Collected (mmscf/d):	1.6
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:	1997		
Electric Utility Provider(s):	CILCO		
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	6		56
Current Capacity:	3		33
Planned Capacity:			

Utilities in County: Central Illinois Light Company; Central Illinois Pub Serv Co; Chatham Electric Utility; Commonwea

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>	10,441		6,167	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	219,263		129,507	
<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>	44,200	279	31,442	286
<i>Fuel Oil:</i>	36,277	234	25,806	150
<i>Natural Gas:</i>	24,393	0	17,352	0

**E. CONTACT INFORMATION**

Landfill Owner		Landfill Operator
Contact Name:		
Mailing Address:	8400 77th Street West	Rural Route #9 Sandhill Road
Phone Number:	309-798-5015	217-525-4030
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Kane County Illinois	Annual Acceptance Rate (tons):	1,126,145
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	
City:	Batavia	Acres Currently Landfilled (acres):	396
County:	Kane	Average Depth (feet):	75
State:	IL	1994 Waste-in-Place (tons):	11,296,137
Year Open:	1982	1998 Waste-in-Place (tons):	15,868,410
Year Closed:	2007		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	4.48
LFG Collection System Status:	Operational
Current LFG Collected (mmscf/d):	2.5
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):	City of Geneva, IL
Natural Gas Provider(s):	
Energy Purchaser(s):	

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

Estimated Potential Capacity:	14	140
Current Capacity:	6.6	87
Planned Capacity:		

Utilities in County: Batavia Muni Electric System; Commonwealth Edison Company; Geneva Electric Dept; Interstate Po

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>	25,883		9,636	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	543,537		202,356	
<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>	110,499	698	77,942	709
<i>Fuel Oil:</i>	90,692	584	63,972	373
<i>Natural Gas:</i>	60,983	0	43,015	0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:	Tim Harbaugh	Steve Jakes
Mailing Address:	719 Batavia Avenue	1031 East Fabyan Parkway
Phone Number:	630-208-5173	708-232-7664
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	John Sexton Corporation of Illinois	Annual Acceptance Rate (tons):	1,199,052
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:	Congress Development Company LF	Design Capacity (tons):	
City:	Hillside	Acres Currently Landfilled (acres):	55
County:	Cook	Average Depth (feet):	
State:	IL	Waste-in-Place (tons):	31,134,509
Year Open:	1975	1998 Waste-in-Place (tons):	32,549,715
Year Closed:	1997		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	8.74
LFG Collection System Status:	Planned
Current LFG Collected (mmscf/d):	6.0
Collection and Treatment System Required Under NSPS/EG:	No

**C. LANDFILL GAS UTILIZATION**

Current Utilization:			
Utilization System Status:	Potential		
Utilization System Type:	Reciprocating Engine		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	Commonwealth Edison Company		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	27		273
Current Capacity:			
Planned Capacity:			125

Utilities in County: Commonwealth Edison Company; Winnetka Elec System

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>	50,551		23,126	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	1,061,569		485,654	
<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>	215,472	1,362	152,227	1,385
<i>Fuel Oil:</i>	176,850	1,138	124,941	728
<i>Natural Gas:</i>	118,916	0	84,012	1

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:		
Mailing Address:	1815 South Wolf Road	4100 Frontage Road
Phone Number:	708-449-1250	708-544-5195
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:		Annual Acceptance Rate (tons):	174,557
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	
City:	Bloomington	Acres Currently Landfilled (acres):	
County:	McLean	Average Depth (feet):	
State:	IL	Waste-in-Place (tons):	4,527,297
Year Open:	1975	1998 Waste-in-Place (tons):	4,938,871
Year Closed:	2003		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	1.68
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:	5		53
Current Capacity:			
Planned Capacity:			

Utilities in County: Central Illinois Light Company; Central Illinois Pub Serv Co; Corn Belt Electric Coop Inc; Eastern Ill

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		<i>Current</i>	
<i>Methane Reduction (tons/yr):</i>	9,720		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	204,124		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>	41,832	264	29,271	266
<i>Fuel Oil:</i>	34,334	221	24,024	140
<i>Natural Gas:</i>	23,086	0	16,154	0

**E. CONTACT INFORMATION**

Landfill Owner		Landfill Operator
Contact Name:		
Mailing Address:	1815 South Wolf Road	Rural Route #3 Box 142
Phone Number:	708-449-1250	708-449-1250
Fax Number:		

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:		Annual Acceptance Rate (tons):	201,095
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	
City:	Desoto	Acres Currently Landfilled (acres):	
County:	Jackson	Average Depth (feet):	
State:	IL	1997 Waste-in-Place (tons):	3,700,000
Year Open:	1976	1998 Waste-in-Place (tons):	3,700,000
Year Closed:	1994		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	1.36
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:	4		43
Current Capacity:			
Planned Capacity:			

Utilities in County: Central Illinois Pub Serv Co; Egyptian Electric Coop Assn; Southeastern Power Admin; Southern Illin

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		<i>Current</i>	
<i>Methane Reduction (tons/yr):</i>	7,888		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	165,652		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>	33,939	215	23,754	216
<i>Fuel Oil:</i>	27,856	179	19,496	114
<i>Natural Gas:</i>	18,730	0	13,110	0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:		
Mailing Address:	Route 1 Box 750	Route 1 Box 750
Phone Number:	618-867-2357	618-867-2356
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Allied Waste Industries	Annual Acceptance Rate (tons):	53,315
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	
City:	Streator	Acres Currently Landfilled (acres):	90
County:	Livingston	Average Depth (feet):	
State:	IL	Waste-in-Place (tons):	791,472
Year Open:	1982	1998 Waste-in-Place (tons):	1,121,252
Year Closed:	2002		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	0.70
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:	Construction
Utilization System Type:	Reciprocating Engine
Utilization System Start Year:	1998
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: Central Illinois Pub Serv Co; Commonwealth Edison Company; Corn Belt Electric Coop Inc; Eastern

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		<i>Current</i>	
<i>Methane Reduction (tons/yr):</i>	4,075		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	85,569		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>	17,364	110	12,271	112
<i>Fuel Oil:</i>	14,252	92	10,071	59
<i>Natural Gas:</i>	9,583	0	6,772	0

**E. CONTACT INFORMATION**

Landfill Owner		Landfill Operator
Contact Name:		
Mailing Address:	Rual Route #5	Coalville Road Rural Route #7
Phone Number:	815-672-3979	815-672-8484
Fax Number:		



**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	ESG Watts	Annual Acceptance Rate (tons):	
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:	Watts LF	Design Capacity (tons):	
City:	Taylor Ridge	Acres Currently Landfilled (acres):	
County:		Average Depth (feet):	
State:	IL	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:	Construction
Utilization System Type:	Reciprocating Engine
Utilization System Start Year:	1997
Electric Utility Provider(s):	
Natural Gas Provider(s):	
Energy Purchaser(s):	Mid America Energy

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

*Estimated Potential Capacity:*

Current Capacity:

Planned Capacity:

Utilities in County:

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>	<i>Current</i>
<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>
	<i>CO2 (tons/yr) SO2 (tons/yr)</i>	<i>CO2 (tons/yr) SO2 (tons/yr)</i>
<i>Coal:</i>		
<i>Fuel Oil:</i>		
<i>Natural Gas:</i>		

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:		
Mailing Address:		
Phone Number:		
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:		Annual Acceptance Rate (tons):	576,872
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:	Tazewell County LF	Design Capacity (tons):	
City:	East Peoria	Acres Currently Landfilled (acres):	80
County:	Tazewell	Average Depth (feet):	100
State:	IL	1994 Waste-in-Place (tons):	3,768,093
Year Open:	1982	1998 Waste-in-Place (tons):	5,420,278
Year Closed:	2007		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	1.80
LFG Collection System Status:	Operational
Current LFG Collected (mmscf/d):	0.8
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:	1989
Electric Utility Provider(s):	CILCO
Natural Gas Provider(s):	
Energy Purchaser(s):	

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

<i>Estimated Potential Capacity:</i>	6	56
Current Capacity:	1.6	17
Planned Capacity:		

Utilities in County: Central Illinois Light Company; Corn Belt Electric Coop Inc; Egyptian Electric Coop Assn; Illinois Po

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>	10,432		3,084	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	219,074		64,754	
<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>	44,200	279	31,415	286
<i>Fuel Oil:</i>	36,277	234	25,784	150
<i>Natural Gas:</i>	24,393	0	17,337	0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:	Steve Harenberg	Steve Harenberg
Mailing Address:	2 Westbrook Corporate Center	3550 East Washington Street
Phone Number:	708-409-0700	309-694-0295
Fax Number:		

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Allied Waste Industries, Inc	Annual Acceptance Rate (tons):	200,704
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	
City:	East Moline	Acres Currently Landfilled (acres):	
County:	Rock Island	Average Depth (feet):	
State:	IL	1998 Waste-in-Place (tons):	2,052,000
Year Open:	1981	1998 Waste-in-Place (tons):	2,052,000
Year Closed:	2029		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	0.94
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:	Reciprocating Engine
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:	3	30
Current Capacity:		
Planned Capacity:		

Utilities in County: Iowa-Illinois Gas & Electric Co

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		<i>Current</i>	
<i>Methane Reduction (tons/yr):</i>	5,451		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	114,473		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>	22,889	145	16,415	149
<i>Fuel Oil:</i>	18,786	121	13,473	79
<i>Natural Gas:</i>	12,632	0	9,059	0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:	David Geier	David Geier
Mailing Address:	17201 20th Ave. North PO Box 159	17201 20th Avenue North PO Box 159
Phone Number:	309-496-2396	309-496-2396
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	ESG Watts, Inc.	Annual Acceptance Rate (tons):	28,080
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Viola	Acres Currently Landfilled (acres):	28
County:		Average Depth (feet):	25
State:	IL	1998 Waste-in-Place (tons):	
Year Open:	1973	1998 Waste-in-Place (tons):	677,463
Year Closed:	1992		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	0.24
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:	Reciprocating Engine		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	Mid America Energy		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	1		8
Current Capacity:			
Planned Capacity:			

Utilities in County:

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>		1,384		0
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>		29,068		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>	5,525	35	4,168	38
<i>Fuel Oil:</i>	4,535	29	3,421	20
<i>Natural Gas:</i>	3,049	0	2,301	0

**E. CONTACT INFORMATION**

Landfill Owner		Landfill Operator
Contact Name:	Nicole Wuestenberg	
Mailing Address:	8400 77th Street W.	
Phone Number:	309-798-5015	
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Peoria Disposal Company	Annual Acceptance Rate (tons):	60,392
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:	Grimm Landfill	Design Capacity (tons):	
City:	Washington	Acres Currently Landfilled (acres):	
County:	Tazewell	Average Depth (feet):	
State:	IL	Waste-in-Place (tons):	1,529,502
Year Open:	1974	1998 Waste-in-Place (tons):	1,596,000
Year Closed:	1997		

**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:	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: Central Illinois Light Company; Corn Belt Electric Coop Inc; Egyptian Electric Coop Assn; Illinois Po

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		<i>Current</i>	
<i>Methane Reduction (tons/yr):</i>	4,777		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	100,313		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>	20,521	130	14,385	131
<i>Fuel Oil:</i>	16,843	108	11,806	69
<i>Natural Gas:</i>	11,325	0	7,939	0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:		
Mailing Address:	PO Box 9071	PO Box 9071
Phone Number:	309-688-0760	309-688-0760
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:		Annual Acceptance Rate (tons):	14,404
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	
City:		Acres Currently Landfilled (acres):	40
County:	Macon	Average Depth (feet):	
State:	IL	Waste-in-Place (tons):	2,083,875
Year Open:	1973	1998 Waste-in-Place (tons):	1,885,408
Year Closed:	1991		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	0.90
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	28
Current Capacity:		
Planned Capacity:		

Utilities in County: Central Illinois Pub Serv Co; Corn Belt Electric Coop Inc; Illinois Power Company; Menard Electric

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>	5,205		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	109,301		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>	22,100	140	15,673	143
<i>Fuel Oil:</i>	18,139	117	12,864	75
<i>Natural Gas:</i>	12,197	0	8,650	0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:	Jerry Canfield, Owner	
Mailing Address:	129 South Wycles Road	
Phone Number:	217-422-2715	
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Watts Trucking Company	Annual Acceptance Rate (tons):	330,686
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:	Taylor Ridge LF	Design Capacity (tons):	
City:	Andalusia	Acres Currently Landfilled (acres):	
County:	Rock Island	Average Depth (feet):	
State:	IL	Waste-in-Place (tons):	10,341,262
Year Open:	1972	1998 Waste-in-Place (tons):	11,168,558
Year Closed:	1999		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	3.27
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:	10	102
Current Capacity:		
Planned Capacity:		

Utilities in County: Iowa-Illinois Gas & Electric Co

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		<i>Current</i>	
<i>Methane Reduction (tons/yr):</i>	18,933		0	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	397,585		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>	80,506	509	57,013	519
<i>Fuel Oil:</i>	66,076	425	46,794	273
<i>Natural Gas:</i>	44,430	0	31,465	0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:	Elmer Elliot	Elmer Elliot
Mailing Address:	P.O. Box 5410	8400 77th St W
Phone Number:	309-798-5015	309-798-2266
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:		Annual Acceptance Rate (tons):	989,752
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	
City:	South Elgin	Acres Currently Landfilled (acres):	103
County:	Kane	Average Depth (feet):	65
State:	IL	1994 Waste-in-Place (tons):	3,890,448
Year Open:	1976	1998 Waste-in-Place (tons):	7,004,679
Year Closed:	1998		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	2.21
LFG Collection System Status:	Operational
Current LFG Collected (mmscf/d):	2.0
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:	1992		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
<i>Estimated Potential Capacity:</i>	7		69
Current Capacity:	1.6		42
Planned Capacity:			

Utilities in County: Batavia Muni Electric System; Commonwealth Edison Company; Geneva Electric Dept; Interstate Po

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>	12,775		7,709	
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>	268,277		161,885	
<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>	54,460	344	38,471	350
<i>Fuel Oil:</i>	44,698	288	31,575	184
<i>Natural Gas:</i>	30,056	0	21,231	0

**E. CONTACT INFORMATION**

Landfill Owner		Landfill Operator
Contact Name:		
Mailing Address:	3003 Butterfield Road	7 North 500 Route 25 P.O. Box 364
Phone Number:	708-572-8800	708-741-0219
Fax Number:		

\* *Italicized indicates values estimated by EPA.*

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