



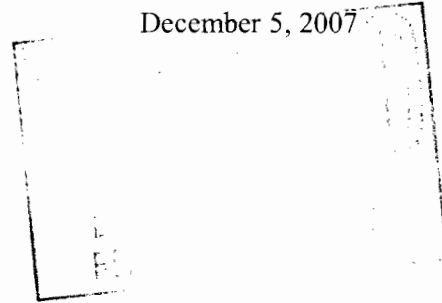
TOWN OF HUNTINGTON

FRANK P. PETRONE, *Supervisor*

ENVIRONMENTAL WASTE MANAGEMENT

December 5, 2007

Mr. John Strang, P.E.
NYS Dept. of Environmental Conservation
Division of Environmental Remediation
Bureau of Hazardous Site Control, 11th Floor
625 Broadway
Albany, New York 12233-7014



Re: Huntington/East Northport Landfill; NYSDEC Site #1-52-040

Dear Mr. Strang,

As required by the Record of Decision for the above referenced site, transmitted herewith please find copies of the "Landfill Gas and Control System Monitoring Report" for the East Northport Landfill for the months of August 2007, September 2007, and October 2007 and a copy of the *East Northport Landfill Quarterly Site Inspection Report* for the fourth quarter of CY2007.

Please do not hesitate to call me if you have any questions or comments regarding these documents.

Sincerely,

Robert Litzke
Environmental Analyst

RL:rl

Enclosed: 1.) Landfill Gas and Control System Monitoring Report, August 2007
2.) Landfill Gas and Control System Monitoring Report, September 2007
3.) Landfill Gas and Control System Monitoring Report, October 2007
4.) *East Northport Landfill Quarterly Site Inspection Report*, 4th Quarter - CY2007

Cc: file (w/o encl.'s)
M. Laux, Director, DEWM, TOH (w/o encl.'s)
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S. H. Rahman, NYSDEC (w/ encl.'s)

**Landfill Gas and Control System Monitoring
Town of Huntington East Northport Landfill
East Northport, New York
August, 2007**

Prepared for:

**Town of Huntington Department of Environmental Waste Management
100 Main Street
Huntington, New York 11743**

Prepared by:

**R & C Formation, Ltd.
705 Bedford Ave., Suite 2B
Bellmore, New York 11710**

TABLE OF CONTENTS

	Page
Introduction	1
Scope of Work	1
Summary of Results	2
General	2
Monitoring Wells	2
LFG Control Wells	2
Condensate Traps	3
Discussion	3
Methane Monitoring Data	3
Physical and Operating Condition	3
Recommendations	4

Figure

Following Page

Figure 1. Landfill Gas Monitoring and Control System	1
--	---

Summary Tables

Following Page

Table 1. Landfill Gas Monitoring Well Data.....	4
Table 2. Landfill Gas Control Well Data	4
Table 3. Summary of Methane Detections	4
Table 4. Landfill Gas Control Well Methane Data	4

Appendix

Appendix 1. Landfill Gas Control Well Vacuum Data	
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**Landfill Gas and Control System Monitoring
Town of Huntington East Northport Landfill
East Northport, New York
August, 2007**

Introduction

Presented herein are the results of August, 2007 landfill gas and control system monitoring activities performed at the Town of Huntington East Northport Landfill, as stipulated by the New York State Department of Environmental Conservation.

The primary landfill gas migration control system consists of thirty active landfill gas control wells connected - via a single header pipe forming a complete loop around the 44 acre East Northport Landfill - to one blower station. Landfill gas monitoring wells (consisting of 3-4 probes screened from approximately 5-70 feet below grade), situated outside of the aforementioned header pipe, provide a means to verify the control system's efficacy. Separate landfill gas control and monitoring systems are located at adjacent Animal Control and Resource Recovery Facilities.

Figure 1 illustrates the landfill area and pertinent components of the landfill gas monitoring and control system. The scope-of-work completed (per our agreement with the Town of Huntington Department of Environmental Waste Management dated December 4, 2006) precedes a summary of results. A discussion of methane monitoring data - with an emphasis on trends and occurrence - and the system's physical and operating condition follows.

Scope-of-Work

The scope-of-work includes performance of the following on a monthly basis:

- 1) Monitoring of all probes in 43 landfill monitoring wells and up to 5 probes around the Town Animal Control Facility for methane gas and gas pressure.
- 2) Monitoring of 30 methane control wells and blower station for temperature, flow rate, vacuum, methane and oxygen (balance of the control system to be checked and adjustment to wells and to blower intake made, if necessary).

- 3) Examination of 5 condensate traps in the control system for proper operation and water accumulation.
- 4) Noting of any problems, damage, missing parts etc. at each monitoring well, methane control well, condensate trap, Animal Control Facility probes and blower station.

Summary of Results

General

Reported monthly monitoring activities were performed August 29-30, 2007. Climatic conditions for the monitoring period are as follows:

August 29 - Temperature: 71 (°F); Barometric Pressure: 30.14 (in. Hg); Relative Humidity: 70.0%; Precipitation: 0.00 inches; Wind Speed & Direction: 2.0 mph, south-southwesterly.

August 30 - Temperature: 73 (°F); Barometric Pressure: 30.01 (in. Hg); Relative Humidity: 68.0%; Precipitation: 0.00 inches; Wind Speed & Direction: 3.0 mph, south-southwesterly.

Monitoring Wells

A summary of measured and recorded landfill gas monitoring well data is presented on Table 1. As shown, methane was not detected throughout the monitoring well network.

LFG Control Wells

Table 2 presents a summary of measured and recorded landfill gas control well data; including values pertaining to the system's blower station where 2 "inlet" measuring points (Blower Station 1 & 2) and 1 "outlet" measuring point (Blower Station 3) are located. As shown on Table 2, control well vacuum values (i.e., negative pressure), a direct indicator of the system's balance, range from 0.0 – -3.2 (in. H₂O). "Extracted" methane values range from 0.0 – 4.0%.

Condensate Traps

Standing water measured within condensate traps CD-1 (3.7 feet), CD-2 (3.3 feet), CD-3 (3.2 feet), CD-4 (6.4 feet) and CD-5 (4.1 feet) was evacuated, as per usual, upon the completion of monitoring activities.

Discussion

Methane Monitoring Data

Table 3 presents a summary of measured and recorded methane concentrations detected at landfill gas monitoring wells throughout the period-of-record from October, 1999 through August, 2007. As shown, methane has been detected sporadically and at low levels at 14 monitoring wells. The most elevated concentration measured throughout the entire landfill gas monitoring well network continues to be 5.0 %; detected at Animal Control Facility monitoring well AS-NE during March, 2001 monitoring activities.

As previously reported, methane has not been detected at primary landfill gas migration control system monitoring wells since a negligible concentration (0.1%) was recorded at monitoring well MW-49 during the June, 2002 monitoring event. The sporadic nature of low-level methane detections indicates that landfill gas control systems in relation to both the Animal Control Facility and East Northport Landfill continue to perform effectively.

Table 4 presents a summary of methane concentrations detected at landfill gas control wells during the period-of-record from October, 1999 through August, 2007. As shown, with the exception of minor anomalies (e.g., control well N-2: October, 2001; February, 2002; April, 2006), reported values are consistent throughout the 95 month period.

Physical and Operating Condition

Based upon current and historic landfill gas monitoring data summarized above, the East Northport Landfill's primary landfill gas control system continues to effectively negate the off-site migration of methane. Although vacuum values remain comparatively low at the northern-most portion of the system, this condition has existed throughout the monitoring period-of-record (see Appendix 3).

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Table 1 and Table 2 note the physical condition of system monitoring wells and control wells, respectively. As shown on Table 1, monitoring well MW-39 is destroyed (apparent impact with heavy machinery) and probe risers in monitoring wells MW-45 and MW-46 are damaged.

Blower station pump # 2 was in operation during August monitoring activities and all control wells continue to be set in the full-open-position. This full-open-position will be maintained for an evaluation period and modified if/as necessary.

Recommendations

- * In the event that methane is detected at any monitoring well associated with the primary landfill gas migration control system, recommence the monitoring of off and on-site structures.
- * Assess occurrence of methane versus landfill area (i.e., identify dominant landfill gas production zones).
- * Continue assessment of potential impact of all control valves at full-open-position on system-wide vacuum/methane levels.

Table 1
Landfill Gas Monitoring Well Data
Town of Huntington East Northport Landfill, East Northport, New York
Measured August 29, 2007

Well No.	Probe Pressure (in. H ₂ O)				Methane 0-100% (Volume)				Condition
	A	B	C	D	A	B	C	D	
MW-A	-0.2	-0.2			0.0	0.0			
MW-B	-0.1	-0.1			0.0	0.0			
MW-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
MW-3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
MW-4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
MW-5	0.0	0.0	0.0		0.0	0.0			
MW-6	0.0	0.0	0.0		0.0	0.0			
MW-7	0.0	0.0	0.0		0.0	0.0			
MW-8	0.0	-0.1	0.0		0.0	0.0			
MW-9	0.0	-0.1	-0.1		0.0	0.0			
MW-10	-0.2	0.0	-0.2	-0.2	0.0	0.0	0.0	0.0	
MW-11	0.0	-0.1	-0.1	0.0	0.0	0.0			
MW-12	-0.1	-0.1	-0.1		0.0	0.0			
MW-13	0.0	-0.1	-0.2		0.0	0.0			
MW-15	-0.1	-0.1	-0.1		0.0	0.0			
MW-16	0.0	-0.2	-0.1		0.0	0.0			
MW-17	-0.1	0.0	-0.1		0.0	0.0			
MW-18	0.0	0.0	-0.2		0.0	0.0			
MW-19	-0.2	-0.2	-0.3	-0.3	0.0	0.0	0.0	0.0	
MW-20	-0.3	-0.3	-0.3		0.0	0.0			
MW-21	-0.1	-0.2	-0.2	-0.1	0.0	0.0	0.0	0.0	
MW-22	-0.1	-0.2	-0.1		0.0	0.0			

Table 1 (continued)

Well No.	Probe Pressure (in. H ₂ O)				Methane 0-100% (Volume)				Condition
	A	B	C	D	A	B	C	D	
MW-23	-0.1	-0.2	-0.1	-0.2	0.0	0.0	0.0	0.0	
MW-24	0.0	-0.1	-0.1		0.0	0.0	0.0		
MW-25	-0.3	-0.3	-0.1		0.0	0.0	0.0		
MW-26	-0.1	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	
MW-27	0.0	-0.1	0.0		0.0	0.0	0.0		
MW-28	0.0	0.0	-0.1		0.0	0.0	0.0		
MW-37	0.0	0.0	0.0		0.0	0.0	0.0		
MW-38	0.0	0.0	-0.1		0.0	0.0	0.0		
MW-39	NA	NA	NA		NA	NA	NA		Destroyed
MW-40	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	
MW-41	0.0	0.0	0.0		0.0	0.0	0.0		
MW-42	-0.1	-0.1	-0.1		0.0	0.0	0.0		
MW-43	0.0	0.0	0.0		0.0	0.0	0.0		
MW-44	0.0	0.0	0.0		0.0	0.0	0.0		
MW-45	NA	0.0	0.0		NA	0.0	0.0		Riser Damage
MW-46	0.0	0.0	0.0	NA	0.0	0.0	0.0	NA	Riser Damage
MW-47	0.0	0.0	0.0		0.0	0.0	0.0		
MW-48	0.0	0.0	0.0		0.0	0.0	0.0		
MW-49	0.0	-0.1	0.0		0.0	0.0	0.0		
MW-51	0.0	0.0	0.0		0.0	0.0	0.0		
AS-NW	0.0				0.0				
AS-NE	0.0				0.0				
AS-SW	0.0				0.0				
AS-SC	0.0				0.0				
AS-SE	0.0				0.0				

A - Shallow Probe B - Middle Probe C - Deep Probe D - Deepest Probe

Shading indicates the well is not equipped with that particular probe.

NA - Not Available

Table 2
Town of Huntington East Northport Landfill, East Northport, New York
Measured August 30, 2007

Well No.	Temp (°F)	Flow Rate (ft ³ /min)	Vacuum (in. H ₂ O)	Methane 0-100 % (Volume)	Oxygen % in Air	Condition
CWI-4	74.9	184.00	-2.6	0.1	19.8	
CWI-5	79.1	94.00	-2.7	0.7	19.1	
CWI-6	84.6	21.60	-2.6	0.8	18.7	
CWI-7	85.7	25.70	-2.5	2.0	18.0	
CWII-1	96.1	26.10	-2.3	5.0	17.2	
CWII-2	92.2	67.00	-2.3	1.5	16.8	
CWII-3	92.1	12.80	-2.3	4.0	16.5	
CWII-4	83.7	21.60	-3.2	3.1	17.3	
CWII-5	86.1	10.80	-2.2	1.7	17.2	
CWII-6	87.3	23.80	-1.6	2.0	19.0	
CWII-7	82.1	11.20	-1.2	0.0	19.6	
CWII-8	96.8	1.37	0.0	0.0	19.8	
CWII-9	84.3	38.30	-0.2	0.4	19.0	
NW-1	60.7	70.50	-2.6	0.0	20.3	
NW-2	61.4	39.70	-2.8	0.0	20.5	
NW-3	61.1	41.50	-2.5	0.0	20.2	
NW-4	60.6	38.50	-2.2	0.0	20.2	
NW-5	59.4	53.50	-1.8	0.0	20.0	
NW-6	60.5	54.50	-1.8	0.0	20.2	
Ext-1	78.2	10.80	-0.1	0.0	20.2	
Ext-2	72.1	43.50	-0.7	0.0	19.2	
Ext-3	76.5	30.20	-2.1	0.0	18.6	
Ext-4	74.2	34.70	-1.9	0.0	18.0	
Ext-5	62.0	46.40	-1.6	0.0	20.2	
N-1	88.8	0.54	-0.3	0.0	20.6	
N-2	86.5	13.50	-0.6	3.0	15.8	
N-3	87.2	5.10	-0.2	0.0	20.3	
N-4	88.2	0.15	-0.1	0.0	20.5	
N-5	80.6	1.23	-0.1	0.0	19.6	
N-6	74.6	16.80	-0.9	0.0	19.2	
Blower Station - 1	72.6	1,890.00	-5.6	0.7	20.6	
Blower Station - 2	72.5	2,110.00	-1.5	0.7	20.3	
Blower Station - 3	84.8	1,560.00	0.4	0.7	20.0	

NA - Not Available
 TABLE2.XLS

**Landfill Gas and Control System Monitoring
Town of Huntington East Northport Landfill
East Northport, New York
September, 2007**

Prepared for:

**Town of Huntington Department of Environmental Waste Management
100 Main Street
Huntington, New York 11743**

Prepared by:

**R & C Formation, Ltd.
705 Bedford Ave., Suite 2B
Bellmore, New York 11710**

TABLE OF CONTENTS

	Page
Introduction	1
Scope of Work	1
Summary of Results	2
General	2
Monitoring Wells	2
LFG Control Wells	2
Condensate Traps	3
Discussion	3
Methane Monitoring Data	3
Physical and Operating Condition	3
Recommendations	4

Figure

Following Page

Figure 1. Landfill Gas Monitoring and Control System	1
--	---

Summary Tables

Following Page

Table 1. Landfill Gas Monitoring Well Data.....	4
Table 2. Landfill Gas Control Well Data	4
Table 3. Summary of Methane Detections	4
Table 4. Landfill Gas Control Well Methane Data	4

Appendix

Appendix 1. Landfill Gas Control Well Vacuum Data	
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**Landfill Gas and Control System Monitoring
Town of Huntington East Northport Landfill
East Northport, New York
September, 2007**

Introduction

This report presents the results of September, 2007 landfill gas and control system monitoring activities performed at the Town of Huntington East Northport Landfill, as stipulated by the New York State Department of Environmental Conservation.

The primary landfill gas migration control system consists of thirty active landfill gas control wells connected - via a single header pipe forming a complete loop around the 44 acre East Northport Landfill - to one blower station. Landfill gas monitoring wells (consisting of 3-4 probes screened from approximately 5-70 feet below grade), situated outside of the aforementioned header pipe, provide a means to verify the control system's efficacy. Separate landfill gas control and monitoring systems are located at adjacent Animal Control and Resource Recovery Facilities.

The landfill area and pertinent components of the landfill gas monitoring and control system are depicted in Figure 1. The scope-of-work completed (per our agreement with the Town of Huntington Department of Environmental Waste Management dated December 4, 2006) precedes a summary of results. A discussion of methane monitoring data - with an emphasis on trends and occurrence - and the system's physical and operating condition follows.

Scope-of-Work

The scope-of-work includes performance of the following on a monthly basis:

- 1) Monitoring of all probes in 43 landfill monitoring wells and up to 5 probes around the Town Animal Control Facility for methane gas and gas pressure.
- 2) Monitoring of 30 methane control wells and blower station for temperature, flow rate, vacuum, methane and oxygen (balance of the control system to be checked and adjustment to wells and to blower intake made, if necessary).

3) Examination of 5 condensate traps in the control system for proper operation and water accumulation.

4) Noting of any problems, damage, missing parts etc. at each monitoring well, methane control well, condensate trap, Animal Control Facility probes and blower station.

Summary of Results

General

Reported monthly monitoring activities were performed September 26-27, 2007. Climatic conditions for the monitoring period are as follows:

September 26 - Temperature: 72 (°F); Barometric Pressure: 30.05 (in. Hg); Relative Humidity: 77.0%; Precipitation: 0.00 inches; Wind Speed & Direction: 9.0 mph, southwesterly.

September 27 - Temperature: 88 (°F); Barometric Pressure: 30.01 (in. Hg); Relative Humidity: 88.0%; Precipitation: 0.00 inches; Wind Speed & Direction: 7.0 mph, south-southwesterly.

Monitoring Wells

Table 1 presents a summary of measured and recorded landfill gas monitoring well data. As shown, methane was not detected throughout the monitoring well network.

LFG Control Wells

A summary of measured and recorded landfill gas control well data; including values pertaining to the system's blower station where 2 "inlet" measuring points (Blower Station 1 & 2) and 1 "outlet" measuring point (Blower Station 3) are located, is presented on Table 2. As shown on Table 2, control well vacuum values (i.e., negative pressure), a direct indicator of the system's balance, range from 0.0 – -2.8 (in. H₂O). "Extracted" methane values range from 0.0 – 5.0%.

Condensate Traps

Standing water measured within condensate traps CD-1 (3.1 feet), CD-2 (2.7 feet), CD-3 (2.9 feet), CD-4 (0.8 feet) and CD-5 (4.4 feet) was evacuated, as per usual, upon the completion of monitoring activities.

Discussion

Methane Monitoring Data

A summary of measured and recorded methane concentrations detected at landfill gas monitoring wells throughout the period-of-record from October, 1999 through September, 2007 is presented on Table 3. As shown on Table 3, methane has been detected sporadically and at low levels at 14 monitoring wells. The most elevated concentration measured throughout the entire landfill gas monitoring well network continues to be 5.0 %; detected at Animal Control Facility monitoring well AS-NE during March, 2001 monitoring activities.

Methane, as reported previously, has not been detected at primary landfill gas migration control system monitoring wells since a negligible concentration (0.1%) was recorded at monitoring well MW-49 during the June, 2002 monitoring event. The sporadic nature of low-level methane detections indicates that landfill gas control systems in relation to both the Animal Control Facility and East Northport Landfill continue to perform effectively.

A summary of methane concentrations detected at landfill gas control wells during the period-of-record from October, 1999 through September, 2007 is presented on Table 4. As shown on Table 4, with the exception of minor anomalies (e.g., control well N-2: October, 2001; February, 2002; April, 2006), reported values are consistent throughout the 96 month period.

Physical and Operating Condition

Based upon current and historic landfill gas monitoring data summarized above, the East Northport Landfill's primary landfill gas control system continues to effectively negate the off-site migration of methane. Vacuum values remain comparatively low at the northern-most portion of the system; however, this condition has existed throughout the monitoring period-of-record (see Appendix 1).

The physical condition of system monitoring wells and control wells is noted on Table 1 and Table 2, respectively. As shown on Table 1, monitoring well MW-39 is destroyed (apparent impact with heavy machinery) and probe risers in monitoring wells MW-45 and MW-46 are damaged.

Blower station pump # 2 was in operation during September monitoring activities and all control wells continue to be set in the full-open-position. This full-open-position will be maintained for an evaluation period and modified if/as necessary.

Recommendations

- * In the event that methane is detected at any monitoring well associated with the primary landfill gas migration control system, recommence the monitoring of off and on-site structures.
- * Assess occurrence of methane versus landfill area (i.e., identify dominant landfill gas production zones).
- * Continue assessment of potential impact of all control valves at full-open-position on system-wide vacuum/methane levels.

Table 1
Landfill Gas Monitoring Well Data
Town of Huntington East Northport Landfill, East Northport, New York
Measured September 27, 2007

Well No.	Probe Pressure (in. H ₂ O)				Methane 0-100% (Volume)				Condition
	A	B	C	D	A	B	C	D	
MW-A	-0.1	-0.1			0.0	0.0			
MW-B	-0.1	-0.2			0.0	0.0			
MW-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
MW-3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
MW-4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
MW-5	-0.1	-0.1	-0.1		0.0	0.0	0.0		
MW-6	0.0	0.0	0.0		0.0	0.0	0.0		
MW-7	0.0	0.0	0.0		0.0	0.0	0.0		
MW-8	0.0	0.0	0.0		0.0	0.0	0.0		
MW-9	-0.1	-0.1	-0.1		0.0	0.0	0.0		
MW-10	-0.1	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	
MW-11	0.0	-0.1	-0.2	0.0	0.0	0.0	0.0	0.0	
MW-12	0.0	0.0	-0.1		0.0	0.0	0.0		
MW-13	0.0	-0.2	-0.2		0.0	0.0	0.0		
MW-15	-0.1	-0.1	-0.1		0.0	0.0	0.0		
MW-16	-0.2	-0.2	-0.1		0.0	0.0	0.0		
MW-17	-0.1	0.0	-0.1		0.0	0.0	0.0		
MW-18	0.0	0.0	-0.2		0.0	0.0	0.0		
MW-19	-0.1	-0.2	-0.1	-0.3	0.0	0.0	0.0	0.0	
MW-20	-0.1	-0.2	-0.2		0.0	0.0	0.0		
MW-21	-0.2	0.0	-0.3	0.0	0.0	0.0	0.0	0.0	
MW-22	-0.1	0.0	0.0		0.0	0.0	0.0		

Table 1 (continued)

Well No.	Probe Pressure (in. H2O)				Methane 0-100% (Volume)				Condition
	A	B	C	D	A	B	C	D	
MW-23	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	
MW-24	0.0	-0.1	0.0		0.0	0.0	0.0		
MW-25	-0.4	-0.4	0.0		0.0	0.0	0.0		
MW-26	-0.1	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	
MW-27	-0.1	-0.1	-0.1		0.0	0.0	0.0		
MW-28	0.0	0.0	-0.1		0.0	0.0	0.0		
MW-37	0.0	0.0	0.0		0.0	0.0	0.0		
MW-38	0.0	0.0	0.0		0.0	0.0	0.0		
MW-39	NA	NA	NA		NA	NA	NA		Destroyed
MW-40	-0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	
MW-41	-0.1	0.0	-0.1		0.0	0.0	0.0		
MW-42	0.0	0.0	0.0		0.0	0.0	0.0		
MW-43	0.0	0.0	0.0		0.0	0.0	0.0		
MW-44	0.0	0.0	0.0		0.0	0.0	0.0		
MW-45	NA	0.0	0.0		NA	0.0	0.0		Riser Damage
MW-46	0.0	0.0	0.0	NA	0.0	0.0	0.0	NA	Riser Damage
MW-47	0.0	0.0	0.0		0.0	0.0	0.0		
MW-48	0.0	0.0	0.0		0.0	0.0	0.0		
MW-49	0.0	0.0	0.0		0.0	0.0	0.0		
MW-51	0.0	0.0	0.0		0.0	0.0	0.0		
AS-NW	0.0				0.0				
AS-NE	0.0				0.0				
AS-SW	0.0				0.0				
AS-SC	0.0				0.0				
AS-SE	0.0				0.0				

D - Deepest Probe

C - Deep Probe

B - Middle Probe

A - Shallow Probe

Shading indicates the well is not equipped with that particular probe.

NA - Not Available

Table 2
Town of Huntington East Northport Landfill, East Northport, New York
Measured September 26, 2007

Well No.	Temp (°F)	Flow Rate (ft ³ /min)	Vacuum (in. H ₂ O)	Methane 0-100 % (Volume)	Oxygen % in Air	Condition
CWI-4	75.1	158.00	-2.5	0.1	19.2	
CWI-5	78.7	62.00	-2.8	0.8	17.8	
CWI-6	84.7	14.90	-2.2	1.0	17.2	
CWI-7	88.6	13.90	-2.5	3.0	16.3	
CWII-1	96.2	24.90	-1.5	5.0	15.4	
CWII-2	92.5	57.50	-2.3	1.8	14.2	
CWII-3	91.4	16.50	-2.4	3.5	13.2	
CWII-4	83.9	24.70	-2.1	3.5	14.6	
CWII-5	87.4	11.00	-2.4	1.8	13.6	
CWII-6	88.2	15.10	-1.5	2.9	13.8	
CWII-7	77.6	17.10	-1.1	0.0	15.9	
CWII-8	90.9	1.77	0.0	0.0	17.8	
CWII-9	85.4	32.20	-0.9	0.6	16.6	
NW-1	59.7	63.50	-2.4	0.0	20.5	
NW-2	63.7	42.30	-1.7	0.0	20.4	
NW-3	60.2	59.00	-2.0	0.0	20.1	
NW-4	61.5	44.50	-2.2	0.0	20.3	
NW-5	63.8	15.00	-1.8	0.0	20.4	
NW-6	59.6	43.90	-1.8	0.0	20.3	
Ext-1	76.7	7.70	0.0	0.0	18.9	
Ext-2	70.0	37.20	-0.8	0.0	16.8	
Ext-3	77.8	74.50	-2.0	0.0	15.4	
Ext-4	85.2	40.10	-1.9	0.0	15.7	
Ext-5	81.7	35.90	-1.5	0.0	18.9	
N-1	84.6	0.25	-0.2	0.0	20.5	
N-2	86.4	1.47	-0.5	3.4	4.5	
N-3	78.4	4.57	-0.1	0.0	20.0	
N-4	78.1	0.25	-0.1	0.0	20.0	
N-5	77.2	1.18	-0.1	0.0	20.0	
N-6	75.7	10.10	-0.8	0.0	17.6	
Blower Station - 1	83.1	1,550.00	0.3	0.7	18.4	
Blower Station - 2	70.2	1,270.00	-0.5	0.7	18.4	
Blower Station - 3	70.5	1,720.00	-4.2	0.7	18.4	

NA - Not Available

**Landfill Gas and Control System Monitoring
Town of Huntington East Northport Landfill
East Northport, New York
October, 2007**

Prepared for:

**Town of Huntington Department of Environmental Waste Management
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Huntington, New York 11743**

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TABLE OF CONTENTS

	Page
Introduction	1
Scope of Work	1
Summary of Results	2
General	2
Monitoring Wells	2
LFG Control Wells	2
Condensate Traps	2
Discussion	3
Methane Monitoring Data	3
Physical and Operating Condition	3
Recommendations	4

Figure

Following Page

Figure 1. Landfill Gas Monitoring and Control System	1
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Summary Tables

Following Page

Table 1. Landfill Gas Monitoring Well Data.....	4
Table 2. Landfill Gas Control Well Data	4
Table 3. Summary of Methane Detections	4
Table 4. Landfill Gas Control Well Methane Data	4

Appendix

Appendix 1. Landfill Gas Control Well Vacuum Data	
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**Landfill Gas and Control System Monitoring
Town of Huntington East Northport Landfill
East Northport, New York
October, 2007**

Introduction

Presented herein are the results of October, 2007 landfill gas and control system monitoring activities performed at the Town of Huntington East Northport Landfill, as stipulated by the New York State Department of Environmental Conservation.

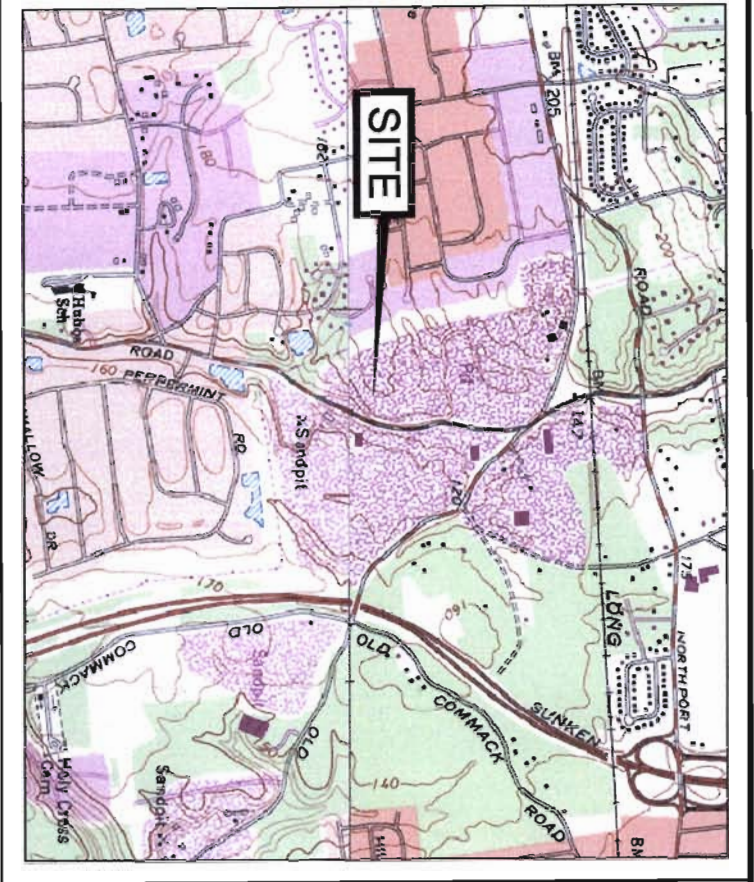
The primary landfill gas migration control system consists of thirty active landfill gas control wells connected - via a single header pipe forming a complete loop around the 44 acre East Northport Landfill - to one blower station. Landfill gas monitoring wells (consisting of 3-4 probes screened from approximately 5-70 feet below grade), situated outside of the aforementioned header pipe, provide a means to verify the control system's efficacy. Separate landfill gas control and monitoring systems are located at adjacent Animal Control and Resource Recovery Facilities.

Figure 1 depicts the landfill area and pertinent components of the landfill gas monitoring and control system. The scope-of-work completed (per our agreement with the Town of Huntington Department of Environmental Waste Management dated December 4, 2006) precedes a summary of results. A discussion of methane monitoring data - with an emphasis on trends and occurrence - and the system's physical and operating condition follows.

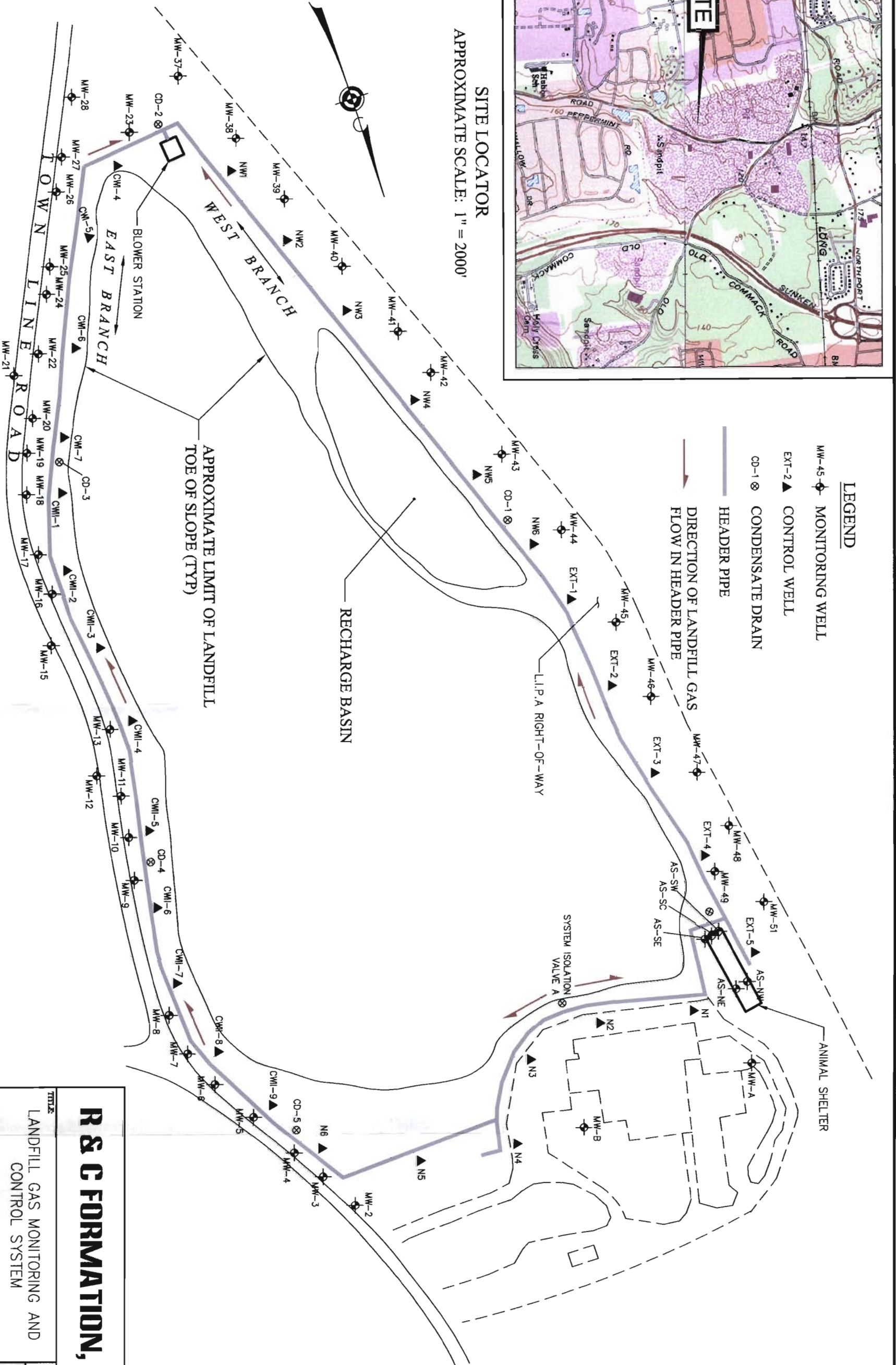
Scope-of-Work

The scope-of-work includes performance of the following on a monthly basis:

- 1) Monitoring of all probes in 43 landfill monitoring wells and up to 5 probes around the Town Animal Control Facility for methane gas and gas pressure.
- 2) Monitoring of 30 methane control wells and blower station for temperature, flow rate, vacuum, methane and oxygen (balance of the control system to be checked and adjustment to wells and to blower intake made, if necessary).



SITE LOCATOR
 APPROXIMATE SCALE: 1" = 2000'



LEGEND

- MW-45 ◉ MONITORING WELL
- EXT-2 ▲ CONTROL WELL
- CD-1 ⊗ CONDENSATE DRAIN
- HEADER PIPE
- DIRECTION OF LANDFILL GAS FLOW IN HEADER PIPE

R & C FORMATION, LTD.

LANDFILL GAS MONITORING AND CONTROL SYSTEM

FIGURE 1	TOWN OF HUNTINGTON EAST NORTHPORT LANDFILL EAST NORTHPORT, NY	DRAWING NO: 01006-1A
TITLE	DATE	SCALE
LANDFILL GAS MONITORING AND CONTROL SYSTEM	9/22/03	AS SHOWN
APPR BY:	B.C.	

3) Examination of 5 condensate traps in the control system for proper operation and water accumulation.

4) Noting of any problems, damage, missing parts etc. at each monitoring well, methane control well, condensate trap, Animal Control Facility probes and blower station.

Summary of Results

General

Reported monthly monitoring activities were performed October 30, 2007. Climatic conditions for the monitoring period are as follows:

Temperature: 52 (°F); Barometric Pressure: 30.39 (in. Hg); Relative Humidity: 63.0%; Precipitation: 0.00 inches; Wind Speed & Direction: 1.0 mph, westerly.

Monitoring Wells

A summary of measured and recorded landfill gas monitoring well data is presented on Table 1. As shown, methane was not detected throughout the monitoring well network.

LFG Control Wells

Table 2 presents a summary of measured and recorded landfill gas control well data; including values pertaining to the system's blower station where 2 "inlet" measuring points (Blower Station 1 & 2) and 1 "outlet" measuring point (Blower Station 3) are located. As shown on Table 2, control well vacuum values (i.e., negative pressure), a direct indicator of the system's balance, range from 0.0 – -2.9 (in. H₂O). "Extracted" methane values range from 0.0 – 6.0%.

Condensate Traps

Standing water measured within condensate traps CD-1 (3.7 feet), CD-2 (3.5 feet), CD-3 (5.2 feet), CD-4 (6.2 feet) and CD-5 (4.9 feet) was evacuated, as per usual, upon the completion of monitoring activities.

Discussion

Methane Monitoring Data

Table 3 summarizes measured and recorded methane concentrations detected at landfill gas monitoring wells throughout the period-of-record from October, 1999 through October, 2007. As shown on Table 3, methane has been detected sporadically and at low levels at 14 monitoring wells. The most elevated concentration measured throughout the entire landfill gas monitoring well network continues to be 5.0 %; detected at Animal Control Facility monitoring well AS-NE during March, 2001 monitoring activities.

As reported previously, methane has not been detected at primary landfill gas migration control system monitoring wells since a negligible concentration (0.1%) was recorded at monitoring well MW-49 during June, 2002 monitoring activities. The sporadic nature of low-level methane detections indicates that landfill gas control systems in relation to both the Animal Control Facility and East Northport Landfill continue to perform effectively.

Table 4 summarizes methane concentrations detected at landfill gas control wells during the period-of-record from October, 1999 through October, 2007. As shown on Table 4, with the exception of minor anomalies (e.g., control well N-2: October, 2001; February, 2002; April, 2006), reported values are consistent throughout the 97 month period.

Physical and Operating Condition

Based upon current and historic landfill gas monitoring data summarized above, the East Northport Landfill's primary landfill gas control system continues to effectively negate the off-site migration of methane. Although vacuum values remain comparatively low at the northern-most portion of the system, this condition has existed throughout the monitoring period-of-record (see Appendix 1).

The physical condition of system monitoring wells and control wells is noted on Table 1 and Table 2, respectively. As shown on Table 1, monitoring well MW-39 is destroyed (apparent impact with heavy machinery) and probe risers in monitoring wells MW-45 and MW-46 are damaged.

Blower station pump # 2 was in operation during October monitoring activities and all control wells continue to be set in the full-open-position. This full-open-position will be maintained for an evaluation period and modified if/as necessary.

Recommendations

* In the event that methane is detected at any monitoring well associated with the primary landfill gas migration control system, recommence the monitoring of off and on-site structures.

* Assess occurrence of methane versus landfill area (i.e., identify dominant landfill gas production zones).

* Continue assessment of potential impact of all control valves at full-open-position on system-wide vacuum/methane levels.

Table 1
Landfill Gas Monitoring Well Data
Town of Huntington East Northport Landfill, East Northport, New York
Measured October 30, 2007

Well No.	Probe Pressure (in. H ₂ O)				Methane 0-100% (Volume)				Condition
	A	B	C	D	A	B	C	D	
MW-A	-0.2	-0.2			0.0	0.0			
MW-B	-0.2	-0.2			0.0	0.0			
MW-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
MW-3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
MW-4	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	
MW-5	0.0	0.0	0.0		0.0	0.0			
MW-6	0.0	0.0	0.0		0.0	0.0			
MW-7	-0.1	-0.1	-0.1		0.0	0.0			
MW-8	0.0	0.0	-0.1		0.0	0.0			
MW-9	0.0	-0.2	-0.2		0.0	0.0			
MW-10	-0.2	0.0	-0.2	0.0	0.0	0.0		0.0	
MW-11	0.0	-0.1	-0.2	0.0	0.0	0.0		0.0	
MW-12	-0.1	-0.1	0.0		0.0	0.0			
MW-13	0.0	-0.3	-0.3		0.0	0.0			
MW-15	0.0	0.0	0.0		0.0	0.0			
MW-16	-0.2	-0.2	-0.1		0.0	0.0			
MW-17	-0.2	0.0	-0.2		0.0	0.0			
MW-18	0.0	0.0	-0.3		0.0	0.0			
MW-19	-0.2	-0.2	-0.3	-0.5	0.0	0.0		0.0	
MW-20	0.0	-0.4	-0.2		0.0	0.0			
MW-21	-0.1	0.0	-0.2	0.0	0.0	0.0		0.0	
MW-22	-0.1	-0.1	-0.2		0.0	0.0			

Table 1 (continued)

Well No.	Probe Pressure (in. H2O)				Methane 0-100% (Volume)				Condition
	A	B	C	D	A	B	C	D	
MW-23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
MW-24	0.0	0.0	-0.1		0.0	0.0	0.0		
MW-25	-0.4	-0.4	0.0		0.0	0.0	0.0		
MW-26	-0.2	-0.2	-0.2	-0.2	0.0	0.0	0.0	0.0	
MW-27	0.0	-0.1	0.0		0.0	0.0	0.0		
MW-28	0.0	0.0	0.0		0.0	0.0	0.0		
MW-37	0.0	0.0	0.0		0.0	0.0	0.0		
MW-38	0.0	0.0	-0.1		0.0	0.0	0.0		
MW-39	NA	NA	NA		NA	NA	NA		Destroyed
MW-40	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	
MW-41	0.0	-0.1	-0.1		0.0	0.0	0.0		
MW-42	0.0	0.0	0.0		0.0	0.0	0.0		
MW-43	0.0	0.0	0.0		0.0	0.0	0.0		
MW-44	-0.1	-0.1	0.0		0.0	0.0	0.0		
MW-45	NA	0.0	0.0		NA	0.0	0.0		Riser Damage
MW-46	0.0	0.0	0.0	NA	0.0	0.0	0.0	NA	Riser Damage
MW-47	0.0	0.0	0.0		0.0	0.0	0.0		
MW-48	0.0	0.0	0.0		0.0	0.0	0.0		
MW-49	0.0	0.0	0.0		0.0	0.0	0.0		
MW-51	0.0	0.0	0.0		0.0	0.0	0.0		
AS-NW	0.0				0.0				
AS-NE	0.0				0.0				
AS-SW	0.0				0.0				
AS-SC	0.0				0.0				
AS-SE	0.0				0.0				

A - Shallow Probe B - Middle Probe C - Deep Probe D - Deepest Probe

Shading indicates the well is not equipped with that particular probe.

NA - Not Available

Table 2
Town of Huntington East Northport Landfill, East Northport, New York
Measured October 30, 2007

Well No.	Temp (°F)	Flow Rate (ft ³ /min)	Vacuum (in. H ₂ O)	Methane 0-100 % (Volume)	Oxygen % in Air	Condition
CWI-4	72.3	172.00	-2.5	0.0	19.9	
CWI-5	76.2	54.00	-2.7	0.8	18.1	
CWI-6	81.2	17.50	-2.4	0.8	17.5	
CWI-7	84.8	36.90	-2.4	2.6	16.7	
CWII-1	19.1	17.50	-2.4	1.3	15.5	
CWII-2	91.7	27.90	-2.4	6.0	18.3	
CWII-3	90.7	17.10	-2.3	1.8	14.9	
CWII-4	83.5	30.80	-2.2	2.6	15.9	
CWII-5	83.9	13.90	-2.2	0.9	15.4	
CWII-6	85.0	25.50	-1.5	1.7	15.3	
CWII-7	78.4	9.60	-1.2	0.0	17.1	
CWII-8	64.2	4.52	-0.1	0.0	19.8	
CWII-9	80.6	19.60	-0.9	0.4	17.7	
NW-1	59.4	51.50	-2.5	0.0	20.7	
NW-2	59.9	37.10	-2.9	0.0	20.7	
NW-3	58.1	67.00	-2.4	0.0	20.4	
NW-4	58.7	65.50	-2.3	0.0	20.0	
NW-5	59.7	110.60	-1.9	0.0	20.6	
NW-6	59.2	46.80	-1.9	0.0	20.4	
Ext-1	69.1	7.80	0.0	0.0	19.8	
Ext-2	63.7	33.60	-0.7	0.0	18.2	
Ext-3	68.0	47.70	-1.9	0.0	17.5	
Ext-4	72.3	10.70	-2.2	0.0	17.9	
Ext-5	61.8	21.90	-1.7	0.0	19.1	
N-1	67.8	0.00	-0.2	0.0	20.9	
N-2	83.1	2.21	-0.7	4.7	3.1	
N-3	65.4	1.23	-0.2	0.0	20.5	
N-4	63.4	0.00	-0.1	0.0	20.4	
N-5	63.4	0.25	-0.2	0.0	20.7	
N-6	71.2	13.80	-0.9	2.0	18.6	
Blower Station - 1	66.2	1,750.00	-4.4	0.6	19.1	
Blower Station - 2	65.7	755.00	-0.6	0.6	19.1	
Blower Station - 3	75.3	1,510.00	0.3	0.6	19.1	

NA - Not Available

Table 3
Summary of Methane Detections
Landfill Gas Monitoring Wells
Town of Huntington East Northport Landfill, East Northport, New York
for period of record between October, 1999 and October, 2007

Well	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00	1/01
MW-7C	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	0.1	NA	0.0	0.0	0.0	0.0	0.0
MW-8C	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	0.1	NA	0.0	0.0	0.0	0.0	0.0
MW-9A	0.0	0.0	0.2	0.0	NA	0.0	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	0.0
MW-9B	0.1	0.4	0.2	0.8	NA	0.0	0.0	0.0	0.0	0.1	NA	0.0	0.0	0.0	0.0	0.0
MW-9C	0.0	0.3	0.2	0.9	NA	0.0	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	0.0
MW-11A	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.1	0.0	0.0	NA	0.0	0.0	0.0	0.0	0.0
MW-12A	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	0.1	NA	0.0	0.0	0.0	0.0	0.0
MW-12C	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	0.1	NA	0.0	0.0	0.0	0.0	0.0
MW-18A	0.4	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	0.0
MW-19A	0.0	0.0	0.3	0.4	NA	0.0	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	0.0
MW-24C	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.3	0.0	NA	0.0	0.0	0.0	0.0	0.0
MW-38B	1.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	0.0
MW-39A	0.0	0.2	0.0	0.0	NA	0.0	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	0.0
MW-49A	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	0.0	NA	0.1	0.0	0.0	0.0	0.0
MW-49B	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	0.0
MW-49C	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	0.0	NA	0.1	0.0	0.0	0.0	0.0
AS-SW	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	0.0	NA	0.0	1.0	0.0	0.0	0.0
AS-SC	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	0.0	NA	0.2	0.0	0.0	0.0	0.0
AS-NE	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	0.0

NA - Not Available

Measured in % Volume

Table 3 (continued)

Well	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02
MW-7C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-8C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-9A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-9B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-9C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-11A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-12A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-12C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-18A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-19A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-24C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-38B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-39A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-49A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-49B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-49C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AS-SW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AS-SC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AS-NE	0.0	5.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0

NA - Not Available
 Measured in % Volume

Table 3 (continued)

Well	6/02	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03	
MW-7C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-8C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-9A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-9B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-9C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-11A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-12A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-12C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-18A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-19A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-24C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-38B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0
MW-39A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0
MW-49A	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0
MW-49B	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0
MW-49C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0
AS-SW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0
AS-SC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0
AS-NE	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	NA	0.0	0.0	0.0	0.0

NA - Not Available
Measured in % Volume

Table 3 (continued)

Well	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04	1/05
MW-7C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-8C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-9A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-9B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-9C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-11A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-12A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-12C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-18A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-19A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-24C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-38B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-39A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-49A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-49B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-49C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AS-SW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA
AS-SC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA
AS-NE	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA

NA - Not Available
 Measured in % Volume

Table 3 (continued)

Well	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06
MW-7C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-8C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-9A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-9B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-9C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-11A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-12A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-12C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-18A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-19A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-24C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-38B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-39A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-49A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-49B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-49C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AS-SW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AS-SC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AS-NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

NA - Not Available
Measured in % Volume

Table 3 (continued)

Well	6/06	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07
MW-7C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-8C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-9A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-9B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-9C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-11A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-12A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-12C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-18A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-19A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-24C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-38B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-39A	0.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-49A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-49B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-49C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AS-SW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AS-SC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AS-NE	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

NA - Not Available
 Measured in % Volume

Table 4
Landfill Gas Control Well Methane Data
Town of Huntington East Northport Landfill, East Northport, New York
for period of record between October, 1999 and October, 2007

Well	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00	1/01
CWI-4	0.2	0.3	0.3	0.0	NA	0.0	0.0	0.6	0.6	2.3	NA	0.2	0.2	0.2	6.0	0.2
CWI-5	1.6	3.2	1.5	0.0	NA	0.7	0.7	0.7	0.8	0.4	NA	1.4	3.4	1.6	1.1	1.6
CWI-6	0.8	3.6	0.7	0.0	NA	0.7	0.3	0.9	0.8	1.8	NA	1.3	0.6	1.0	0.8	1.4
CWI-7	1.9	1.9	1.9	0.0	NA	NA	0.8	1.2	1.3	2.7	NA	3.0	2.0	2.8	0.0	2.2
CWII-1	5.0	10.0	5.0	5.1	NA	4.3	3.0	1.3	1.2	5.6	NA	5.5	6.0	10.0	4.8	8.0
CWII-2	3.0	5.4	3.1	7.0	NA	0.8	2.3	1.0	1.0	4.3	NA	5.2	3.2	4.0	3.0	4.4
CWII-3	6.8	12.5	7.2	11.2	NA	10.7	7.3	5.5	4.9	7.2	NA	6.0	5.5	12.5	10.0	4.8
CWII-4	5.3	8.5	7.4	6.9	NA	5.0	5.0	0.0	0.0	8.4	NA	5.5	4.9	6.0	0.2	6.0
CWII-5	0.0	1.0	0.0	0.0	NA	0.0	0.0	0.5	0.0	1.0	NA	0.0	0.0	0.0	0.2	0.0
CWII-6	3.5	6.0	0.8	0.0	NA	0.0	1.5	0.1	0.0	5.4	NA	6.0	4.0	5.0	0.9	0.0
CWII-7	0.9	1.3	0.0	0.0	NA	0.0	0.0	0.5	0.3	0.0	NA	0.2	0.1	0.2	0.1	0.0
CWII-8	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.3	0.4	0.0	NA	0.0	0.0	0.0	0.2	0.0
CWII-9	0.8	2.2	0.0	0.0	NA	0.0	0.0	0.2	0.1	0.9	NA	1.6	1.0	1.6	0.3	0.0
NW-1	0.0	0.0	0.0	NA	NA	0.0	0.0	0.0	0.0	0.2	NA	0.0	0.0	0.0	0.0	0.0
NW-2	0.0	0.0	0.1	0.0	NA	0.0	0.0	0.0	0.0	0.4	NA	0.1	0.0	0.0	0.0	0.0
NW-3	0.0	0.0	0.0	0.0	NA	0.2	0.0	0.0	0.0	0.5	NA	0.1	0.0	0.0	0.1	0.0
NW-4	0.4	0.3	0.1	0.0	NA	0.0	0.0	0.0	0.0	0.9	NA	0.0	0.0	0.0	0.0	0.0
NW-5	0.0	0.0	0.1	0.0	NA	0.0	0.0	0.0	0.0	0.5	NA	0.0	0.0	0.0	0.0	0.0
NW-6	0.0	0.1	0.2	0.0	NA	0.0	0.0	0.0	0.0	0.4	NA	0.0	0.0	0.0	0.0	0.0
Ext-1	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.8	0.9	0.4	NA	0.0	0.0	0.0	0.0	0.0
Ext-2	0.0	0.6	0.0	0.0	NA	0.0	1.2	1.1	0.9	0.7	NA	0.6	0.2	0.5	0.3	0.6
Ext-3	0.0	3.1	0.0	0.0	NA	1.0	1.8	0.0	0.0	0.5	NA	2.3	0.1	2.0	0.0	2.2
Ext-4	0.0	1.4	0.0	0.0	NA	0.5	0.0	1.1	0.9	0.1	NA	1.4	0.3	0.8	0.4	1.9
Ext-5	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	0.2	NA	0.0	0.0	0.0	0.0	0.0
N-1	0.0	NA	0.0	0.0	NA	0.0	0.0	0.0	0.0	0.0	NA	0.1	0.0	0.0	0.0	0.0
N-2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0	5.0	0.2	5.0	0.0
N-3	0.0	0.0	0.0	0.0	NA	0.0	0.0	NA	0.0	0.0	NA	0.0	0.0	0.0	0.0	NA
N-4	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.1	0.1	0.0	NA	0.0	0.0	0.0	0.0	0.0
N-5	0.2	0.3	0.0	0.0	NA	0.0	0.0	0.0	0.0	0.0	NA	0.1	0.0	0.0	0.0	0.0
N-6	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	0.0	NA	0.3	0.2	0.1	0.0	0.0
BS-1	1.0	1.6	1.3	0.8	NA	0.9	0.9	0.5	0.4	2.6	NA	1.8	0.6	0.6	0.1	1.4

NA - Not Available
 Measured in % Volume

Table 4 (continued)

Well	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02
CWI-4	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.3	0.2	0.4	0.0	0.1	1.0
CWI-5	1.2	1.0	1.2	1.0	1.2	1.2	1.2	1.0	1.4	1.2	1.2	1.0	1.0	1.0	1.2	0.0
CWI-6	0.9	0.5	1.0	1.4	1.2	1.6	2.0	1.1	1.0	1.0	0.8	2.0	1.5	1.0	1.1	2.0
CWI-7	1.8	1.4	1.6	2.4	3.0	3.4	2.8	2.6	3.0	1.6	0.0	2.0	2.0	1.8	0.0	1.6
CWII-1	8.0	4.4	6.0	8.0	8.0	8.0	8.0	8.0	12.0	5.0	4.8	8.0	5.0	6.0	4.0	5.0
CWII-2	3.8	3.0	3.8	4.0	3.8	4.4	6.0	4.0	4.2	2.5	2.8	2.5	2.8	2.5	2.5	2.8
CWII-3	4.6	12.0	6.0	4.6	4.8	10.0	4.8	4.6	12.0	10.0	NA	NA	10.0	9.8	8.0	7.0
CWII-4	5.0	10.0	7.0	10.0	8.0	8.0	10.0	8.0	10.0	5.0	3.0	8.0	8.0	6.8	5.0	5.0
CWII-5	0.0	0.0	0.0	0.3	0.0	0.3	0.3	0.0	0.2	0.0	0.2	0.1	0.0	0.0	0.0	0.1
CWII-6	0.0	0.2	0.0	3.8	4.8	6.0	4.8	5.0	7.0	3.6	0.8	3.0	3.0	3.4	3.4	5.0
CWII-7	0.0	0.3	0.0	0.0	0.1	0.0	0.2	0.1	0.2	0.2	0.0	0.2	0.0	0.2	0.2	0.2
CWII-8	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CWII-9	0.2	0.0	0.2	1.3	1.0	1.2	1.3	1.3	1.6	1.1	0.6	1.0	1.0	1.0	0.9	0.6
NW-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW-3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW-4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
NW-5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW-6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ext-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ext-2	0.2	0.4	0.1	0.4	0.0	0.2	0.0	0.1	0.0	0.0	0.2	0.3	0.4	0.1	0.0	0.3
Ext-3	0.0	1.8	0.1	1.2	0.0	0.0	0.0	0.4	0.2	0.2	0.0	1.8	1.8	1.4	0.2	2.5
Ext-4	0.2	1.8	0.4	1.4	0.0	0.2	0.0	0.6	0.4	0.2	0.5	1.4	1.5	1.1	0.4	3.1
Ext-5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9
N-1	0.0	0.0	0.0	0.0	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N-2	0.0	0.0	0.0	0.0	0.5	0.0	6.0	0.0	18.0	2.5	2.8	2.4	10.0	3.4	2.8	1.7
N-3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N-4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
N-5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N-6	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.2	1.0	0.3	0.0	0.0
BS-1	1.0	0.8	0.8	1.0	1.2	1.4	0.5	1.2	1.3	0.6	1.0	1.0	1.0	1.1	1.0	1.0

NA - Not Available
Measured in % Volume

Table 4 (continued)

Well	6/02	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03
CWI-4	0.0	0.2	0.8	0.2	0.3	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.0	0.1	0.1	0.1
CWI-5	0.7	0.2	1.0	0.9	0.9	0.8	0.9	0.8	0.9	0.6	0.7	0.8	0.1	0.8	0.6	0.7
CWI-6	0.9	1.0	1.1	1.1	1.1	0.3	0.9	0.2	0.8	0.6	0.7	1.0	0.0	1.0	0.8	0.6
CWI-7	1.3	1.5	1.6	1.5	1.3	0.9	0.8	0.6	0.7	0.4	0.6	0.9	0.1	1.8	1.0	1.2
CWII-1	5.0	5.0	5.0	7.0	3.0	8.0	8.0	8.0	6.0	6.0	7.0	8.0	0.1	7.0	7.0	7.2
CWII-2	0.1	1.8	1.6	1.3	1.0	2.0	2.6	1.6	2.2	2.3	3.2	3.3	0.1	2.4	2.3	2.6
CWII-3	0.3	6.0	5.0	7.0	3.5	6.0	11.0	5.5	7.0	7.0	8.0	12.0	0.0	6.0	3.8	3.6
CWII-4	0.2	5.0	5.0	5.0	6.0	7.0	7.0	6.2	NA	6.0	6.0	7.0	0.0	5.0	6.0	6.0
CWII-5	0.4	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.6	0.0	0.3	0.2	0.3
CWII-6	3.9	4.7	4.6	4.8	3.8	2.1	1.0	1.3	0.1	1.1	0.4	2.8	0.0	2.7	2.3	2.4
CWII-7	0.2	0.2	0.3	0.2	0.2	0.1	0.0	0.1	NA	0.1	0.1	0.1	0.0	0.1	0.1	0.2
CWII-8	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.0	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CWII-9	1.2	1.2	1.0	1.0	1.0	1.0	0.1	0.6	0.0	0.7	0.5	1.1	0.1	0.7	0.8	0.9
NW-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW-3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW-4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW-5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW-6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ext-1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0
Ext-2	0.0	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.2	0.2	NA	0.1	0.2	0.1
Ext-3	0.1	0.4	0.4	0.7	0.2	1.8	0.2	1.6	1.4	1.4	0.8	0.6	NA	0.7	0.6	0.7
Ext-4	0.3	2.0	1.8	0.7	0.3	1.9	0.5	1.7	1.0	0.6	1.2	1.0	NA	1.0	1.0	1.0
Ext-5	2.1	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0
N-1	0.0	0.3	0.2	0.2	0.1	0.1	0.1	0.1	NA	0.0	0.0	0.0	NA	0.0	0.0	0.0
N-2	2.5	0.0	3.8	3.4	3.5	3.7	3.5	3.5	NA	0.0	0.0	0.0	NA	3.5	2.5	2.0
N-3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	NA	0.0	0.0	0.0
N-4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	NA	0.0	0.0	0.0
N-5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	NA	0.0	0.0	0.0
N-6	0.1	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	NA	0.1	0.1	0.1
BS-1	1.0	1.2	1.1	1.1	1.2	1.1	1.4	1.0	1.0	0.8	0.9	1.1	0.0	0.9	0.9	0.8

NA - Not Available
Measured in % Volume

Table 4 (continued)

Well	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04	1/05
CWI-4	0.1	0.1	0.1	0.1	0.2	0.4	0.3	0.1	0.2	0.2	0.8	0.2	0.1	0.1	0.1	0.0
CWI-5	0.5	0.6	0.5	0.8	1.9	1.0	1.2	0.4	0.5	0.4	1.2	0.5	0.8	1.0	0.6	0.6
CWI-6	0.7	0.5	0.5	0.6	0.9	0.8	1.0	0.4	0.4	0.4	1.0	1.2	0.8	0.7	0.7	0.6
CWI-7	1.0	1.1	1.2	1.0	1.7	2.3	1.3	0.8	0.7	0.6	0.8	1.5	1.6	2.6	1.5	1.7
CWII-1	7.5	7.0	7.2	6.0	7.0	12.0	10.0	9.0	9.0	8.1	8.0	3.7	6.0	6.0	6.0	4.0
CWII-2	2.0	2.5	2.3	2.3	1.2	1.6	1.8	0.6	0.8	0.7	0.8	1.7	1.6	1.5	1.6	1.3
CWII-3	4.0	4.0	4.0	1.2	1.7	7.0	8.0	7.0	7.5	3.1	4.2	2.5	1.8	1.8	0.1	1.0
CWII-4	5.5	5.2	5.1	NA	3.1	NA	5.2	1.7	0.8	0.6	1.0	3.5	3.2	3.9	0.0	2.0
CWII-5	0.1	0.2	0.2	0.0	0.1	0.6	0.2	0.5	0.5	0.6	0.8	0.7	0.2	0.1	0.0	0.0
CWII-6	2.5	2.4	2.3	0.1	0.8	1.6	2.0	2.0	1.8	2.2	2.8	0.1	0.1	0.1	0.1	0.0
CWII-7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.4	0.1	0.0	0.1	0.0	0.0
CWII-8	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.2	0.2	0.1	0.0	0.0	0.0	0.0
CWII-9	0.5	0.5	0.4	0.1	0.4	0.6	1.0	0.1	0.1	0.6	0.4	0.1	0.3	0.1	0.1	0.2
NW-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW-2	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW-3	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW-4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW-5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW-6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ext-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.9	1.0	0.0	0.0	0.9	0.0	0.0
Ext-2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	NA
Ext-3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.7	0.1	0.8
Ext-4	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.3	0.1	0.4
Ext-5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N-1	0.0	0.0	0.1	NA	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA
N-2	2.4	1.7	3.0	NA	3.8	2.9	3.6	0.1	0.0	0.0	0.0	0.0	3.9	3.5	1.4	NA
N-3	0.0	0.0	0.1	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA
N-4	0.0	0.0	0.1	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA
N-5	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA
N-6	0.0	0.0	0.1	0.0	0.1	NA	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	NA
BS-1	0.6	0.7	0.8	0.8	0.7	1.0	0.6	0.3	0.4	0.7	0.8	0.6	0.6	0.7	0.6	0.5

NA - Not Available
Measured in % Volume

Table 4 (continued)

Well	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06
CWI-4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.3	0.4	0.2	0.1
CWI-5	0.6	0.6	0.4	0.4	0.3	0.4	0.3	0.3	0.4	0.4	0.4	0.0	1.8	2.0	1.5	0.8
CWI-6	0.8	0.7	0.7	0.5	0.3	0.4	0.2	0.4	0.1	0.5	0.6	0.1	0.3	0.1	0.4	1.0
CWI-7	2.2	1.5	1.5	1.1	1.0	1.4	0.5	0.8	1.4	0.1	1.7	0.2	5.0	6.0	5.0	0.1
CWII-1	6.0	7.0	3.7	2.4	1.8	3.0	2.4	1.9	3.5	1.8	3.7	0.4	5.0	6.0	2.7	1.6
CWII-2	1.5	1.4	1.5	0.7	0.9	1.1	0.7	0.9	1.2	0.0	0.8	0.2	4.5	4.2	3.4	2.7
CWII-3	3.2	2.7	2.9	2.0	1.0	2.7	1.4	1.6	0.4	1.7	1.4	0.2	2.3	2.1	0.9	1.8
CWII-4	2.3	2.8	0.7	1.7	1.6	2.2	1.5	1.3	2.0	2.3	1.8	0.2	4.0	3.8	1.0	4.0
CWII-5	0.8	0.8	0.7	0.8	0.3	1.0	0.8	1.0	0.4	1.2	0.4	0.0	1.0	4.2	0.5	0.7
CWII-6	0.0	0.5	0.0	0.9	0.8	1.0	0.5	1.1	0.1	0.7	0.9	0.2	3.5	0.7	0.8	2.0
CWII-7	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.1	3.4	0.0	0.0
CWII-8	0.0	0.0	0.3	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CWII-9	0.0	0.3	0.0	0.3	0.3	0.3	0.2	0.2	0.1	0.4	0.3	0.0	1.1	0.0	0.7	0.6
NW-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.8	0.0
NW-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW-3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW-4	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW-5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW-6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ext-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ext-2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ext-3	0.5	0.7	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.4	0.3	0.2	0.0	0.0	0.0	0.2
Ext-4	0.3	0.4	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.2	0.0	0.0	0.0	0.4
Ext-5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
N-1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N-2	3.6	3.3	3.0	3.2	2.2	1.9	0.0	NA	2.9	2.6	2.6	2.6	1.3	0.6	11.0	NA
N-3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N-4	0.0	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N-5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
N-6	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	NA	0.0	0.0	0.1	NA
BS-1	0.8	0.5	0.5	0.4	0.4	0.4	0.4	0.8	0.4	0.4	0.4	0.1	0.0	0.6	0.9	0.7

NA - Not Available
Measured in % Volume

Table 4 (continued)

Well	6/06	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07
CWI-4	0.3	0.1	0.0	0.0	0.2	0.1	0.1	0.1	0.1	0.0	0.1	0.2	0.2	0.2	0.1	0.1
CWI-5	1.5	0.2	0.0	0.0	1.0	0.8	0.7	0.7	2.1	0.0	0.7	0.8	0.9	0.8	0.7	0.8
CWI-6	0.9	0.2	0.0	0.0	0.0	1.0	0.6	0.6	0.0	0.0	0.8	0.7	1.1	1.3	0.8	1.0
CWI-7	0.7	0.6	0.0	0.0	0.2	2.2	1.5	1.1	NA	0.1	2.0	2.3	2.4	2.3	2.0	3.0
CWII-1	2.4	2.6	7.0	0.0	0.3	4.0	4.0	3.8	5.0	5.0	3.8	4.6	9.0	8.0	5.0	5.0
CWII-2	1.9	1.0	2.2	0.0	3.0	1.6	1.6	1.6	1.2	1.7	1.7	1.9	2.3	2.0	1.5	1.8
CWII-3	1.5	1.5	1.7	0.0	0.2	0.0	0.7	1.1	1.1	1.3	NA	NA	3.8	2.7	4.0	3.5
CWII-4	1.3	0.8	4.7	0.0	0.3	5.0	2.8	2.8	1.7	3.6	2.7	2.6	3.5	3.3	3.1	3.5
CWII-5	0.6	0.4	1.5	0.0	0.0	0.8	0.4	0.6	0.8	0.2	0.4	0.9	1.7	1.3	1.7	1.8
CWII-6	0.6	1.1	0.5	0.0	0.1	0.9	1.4	1.7	1.7	0.3	1.2	1.7	2.5	2.0	2.0	2.9
CWII-7	0.0	0.0	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CWII-8	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CWII-9	0.2	0.5	0.4	0.0	0.0	0.4	0.4	0.7	0.6	0.4	0.3	0.5	0.5	0.5	0.4	0.6
NW-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW-2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW-3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW-4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW-5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NW-6	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ext-1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Ext-2	0.1	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0
Ext-3	0.0	0.8	0.2	0.0	3.0	1.2	0.3	1.3	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Ext-4	0.2	0.4	0.1	0.0	2.0	0.4	0.2	1.0	0.1	0.0	0.1	0.3	0.0	0.1	0.0	0.0
Ext-5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N-1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N-2	0.0	4.8	0.0	0.8	4.4	3.0	0.5	0.2	0.0	3.1	4.0	2.8	3.4	3.3	3.0	3.4
N-3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N-4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N-5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N-6	0.7	0.1	0.1	0.0	0.0	NA	NA	NA	NA	NA	0.0	0.0	0.0	0.0	0.0	0.0
BS-1	0.4	0.4	0.0	0.1	0.9	0.7	0.5	0.5	0.6	0.1	0.5	0.5	0.7	0.4	0.7	0.7

NA - Not Available
Measured in % Volume

APPENDIX 1

Landfill Gas Control Well Vacuum Data
East Northport Landfill, East Northport, New York
 for period of record between October, 1999 and October, 2007

Well	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00	1/01	2/01	3/01	4/01
CWI-4	-3.7	-2.9	-4.3	-4.0	NA	-4.4	-5.0	-5.4	-6.4	-5.2	NA	-3.8	-3.8	-3.9	-4.7	-4.5	-4.0	-4.4	-4.3
CWI-5	-3.7	-2.7	-4.4	-4.0	NA	-4.8	-5.6	-3.7	-4.7	-3.1	NA	-3.8	-3.6	-3.8	-5.0	-4.9	-4.2	-4.7	-4.5
CWI-6	-3.8	-3.0	-5.0	-4.6	NA	-5.1	-5.7	-3.6	-3.6	-3.6	NA	-4.0	-4.1	-4.2	-5.1	-5.3	-4.4	-4.8	-4.6
CWI-7	-3.7	-3.6	-3.7	-4.2	NA	NA	5.5	-3.7	-3.5	-3.3	NA	-3.9	-3.2	-3.1	-3.8	-5.3	-4.3	-3.8	-3.7
CWII-1	-3.1	-2.4	-4.0	-3.8	NA	-4.3	-4.5	-2.8	-2.6	-3.3	NA	-3.4	-3.3	-3.4	-4.3	-4.5	-3.7	-4.1	-3.9
CWII-2	-3.4	-3.1	-4.4	-4.4	NA	-4.8	-5.2	-3.0	-3.1	-4.6	NA	-3.5	-3.6	-3.7	-4.6	-4.9	-3.9	-4.4	-4.1
CWII-3	-3.4	-3.4	-4.6	-4.6	NA	-5.1	-4.8	-3.1	-4.4	-3.3	NA	-3.6	-3.7	-3.7	-4.8	-5.1	-4.0	-4.4	-4.2
CWII-4	-3.3	-3.0	-4.4	-4.3	NA	-4.9	-4.6	-3.0	-3.6	-3.1	NA	-3.5	-3.6	-3.6	-4.6	-5.1	-3.9	-4.3	-4.1
CWII-5	-3.4	-3.1	-4.4	-3.6	NA	-3.8	-4.8	-1.8	-3.7	-3.8	NA	-3.6	-3.6	-3.7	-4.8	-0.4	-4.0	-4.4	-4.2
CWII-6	-2.4	-2.2	0.0	0.3	NA	0.0	-3.3	-2.9	-3.6	-3.6	NA	-2.7	-2.6	-2.6	-0.1	0.0	-3.0	-3.2	-3.1
CWII-7	-2.0	-1.9	0.0	0.2	NA	0.0	-2.8	-1.8	-2.9	-0.9	NA	-2.2	-2.1	-2.1	-0.4	0.0	-2.3	-1.7	-2.4
CWII-8	0.0	0.0	0.1	0.3	NA	0.3	0.0	-1.6	-2.0	0.0	NA	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1
CWII-9	-1.4	-2.4	0.0	-0.8	NA	0.0	-2.7	-1.2	-1.8	-0.4	NA	-1.3	-1.4	-1.3	0.0	0.0	-1.5	-2.6	-1.7
NW-1	-3.0	-3.1	-3.3	NA	NA	-4.0	-3.6	-3.7	-3.7	-3.0	NA	-3.3	-3.3	-3.4	-5.3	-3.9	-3.5	-3.7	-3.9
NW-2	-2.2	-2.3	-2.7	-2.6	NA	-3.1	-3.1	-3.6	-3.6	-2.9	NA	-2.7	-2.6	-2.7	-5.3	-3.1	-3.0	-3.4	-3.4
NW-3	-2.7	-2.9	-3.2	-3.6	NA	-4.1	-4.2	-3.1	-3.1	-3.0	NA	-3.6	-3.4	-3.5	-4.9	-4.0	-3.7	-4.1	-4.1
NW-4	-2.9	-3.2	-3.6	-4.0	NA	-4.3	-4.4	-5.1	-3.4	-2.8	NA	-4.0	-3.7	-3.8	-4.2	-4.4	-4.1	-4.4	-4.4
NW-5	-2.2	-2.8	-2.7	-3.8	NA	-3.2	-3.6	-2.9	-3.0	-2.9	NA	-3.4	-3.1	-3.0	-3.6	-3.5	-3.0	-3.4	-3.4
NW-6	-2.2	-2.7	-3.0	-3.3	NA	-3.6	0.0	-3.0	-3.0	3.0	NA	-3.2	-3.1	-3.1	-3.6	-3.6	-3.6	-3.9	-3.6
Ext-1	-2.6	-2.1	0.0	-2.5	NA	-4.0	-4.0	-2.2	-1.6	-1.1	NA	-3.6	-3.5	-3.6	-3.9	-3.7	-3.9	-4.0	-0.1
Ext-2	-3.0	-3.0	0.0	-3.2	NA	-3.9	-3.9	-3.8	-1.4	-1.3	NA	-3.4	-3.5	-3.5	-3.9	-3.5	-3.7	-1.3	-1.4
Ext-3	-2.9	-2.8	0.0	-2.6	NA	-3.9	-3.6	-3.0	-2.1	-2.4	NA	-3.4	-3.4	-3.4	-3.8	-3.5	-3.5	-3.8	-3.7
Ext-4	-2.5	-2.6	0.0	-2.6	NA	-3.6	-4.4	-3.3	-3.0	-2.6	NA	-3.2	-3.1	-3.1	-3.7	-3.4	-3.4	-3.6	-3.7
Ext-5	-1.9	-2.1	0.0	-1.0	NA	-3.7	-3.6	-2.9	-2.8	-2.7	NA	-2.9	-2.7	-2.7	-2.8	-2.9	-2.8	-3.3	-3.0
N-1	0.0	NA	0.0	0.0	NA	-0.2	-0.6	NA	-3.7	-0.1	NA	-0.9	-0.7	-0.2	-0.7	-0.3	-0.5	-0.3	0.0
N-2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0	-0.1	0.0	-0.4	0.1	-0.2	-0.1	-0.2
N-3	0.4	0.0	-0.3	0.0	NA	0.0	0.0	NA	0.0	-0.6	NA	-0.2	0.0	0.0	-0.2	NA	0.0	-0.1	-0.1
N-4	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	-0.7	NA	-0.1	0.0	0.0	-0.2	0.0	-0.1	-0.1	-0.1
N-5	0.9	-0.1	0.2	0.4	NA	-0.4	-0.2	-1.2	0.0	-1.8	NA	-0.2	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
N-6	0.0	0.0	0.2	0.0	NA	-1.0	-1.6	0.0	-3.2	-1.6	NA	-1.4	-1.4	-1.3	0.0	0.0	-1.4	-1.7	-1.5
BS-1	-6.6	-6.6	-7.3	-7.4	NA	-7.4	-9.2	-6.7	-7.4	-7.2	NA	-6.7	-6.8	-6.8	-7.4	-7.6	-7.0	-7.6	-7.5

Measured in inches of H2O

NA - Not Available

Landfill Gas Control Well Vacuum Data
East Northport Landfill, East Northport, New York
 for period of record between October, 1999 and October, 2007

Well	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02
CWI-4	-3.9	-3.8	-3.7	-4.7	-1.7	-5.2	-5.1	-4.9	-4.4	-4.3	-4.3	-5.9	-6.5	-5.8	-5.5	-5.6	-5.9	-3.7	-6.3
CWI-5	-4.1	-3.8	-3.9	-4.9	-1.7	-5.5	-5.1	-5.0	-4.5	-4.3	-4.5	-6.0	-6.0	-5.9	-5.5	-5.9	-5.8	-3.8	-6.8
CWI-6	-4.5	-4.1	-4.5	-5.1	-1.9	-5.6	-5.4	-5.1	-4.9	-1.6	-4.8	-6.5	-6.4	-6.3	-6.1	-6.2	-6.3	-4.1	-7.1
CWI-7	-3.4	-3.2	-3.3	-3.9	-1.8	-4.2	-4.1	-4.2	-3.6	-3.4	-3.5	-4.8	-4.8	-4.8	-4.4	-4.9	-4.7	-2.8	-5.6
CWII-1	-3.8	-2.9	-3.8	-4.3	-1.6	-4.8	-4.4	-4.5	-4.1	-3.9	-3.9	-5.1	-5.0	-5.1	-4.5	-4.8	-4.9	-2.6	-5.8
CWII-2	-3.9	-3.7	-4.2	-4.6	-1.7	-4.9	-4.7	-4.6	-4.2	-4.0	-4.1	-5.5	-5.6	-5.7	-4.7	-4.8	-5.0	-3.0	-6.2
CWII-3	-3.9	-3.7	-3.9	-4.7	-1.9	-5.2	-5.0	NA	NA	-4.2	-4.2	-5.7	-6.0	-5.7	-5.0	-5.6	-5.6	-2.6	-6.5
CWII-4	-4.6	-3.6	-3.7	-4.6	-1.9	-5.1	-4.6	-4.6	-4.2	-4.1	-4.0	-5.6	-5.5	-5.4	-5.0	-5.4	-5.3	-2.0	-6.2
CWII-5	-3.9	-3.7	-4.1	-4.6	-1.9	-5.0	-4.7	-4.6	-4.3	-4.0	-4.2	-5.6	-5.6	-5.6	-5.1	-5.4	-5.5	-2.0	-6.2
CWII-6	-3.1	-2.9	-1.3	-3.6	-1.2	-2.2	-3.4	-2.9	-3.2	-3.0	-3.0	-4.2	-4.0	-4.0	-3.9	-3.8	-4.0	-4.2	-4.6
CWII-7	-2.2	-1.7	-0.9	-2.6	-0.9	-1.5	-2.7	-0.3	-2.4	-2.4	-2.3	-3.3	-3.1	-3.1	-2.5	-2.4	-3.2	-3.5	-3.6
CWII-8	-1.6	-0.1	0.0	-0.2	0.0	0.0	-0.1	-0.2	0.0	0.0	0.0	-0.1	-0.2	-0.1	-0.1	-0.1	-0.1	0.0	0.0
CWII-9	-1.4	-1.4	-0.6	-1.6	-0.6	-1.0	-1.7	-1.4	-1.6	-1.5	-1.5	-2.0	-1.8	-1.9	-1.7	-1.4	-2.0	-2.1	-2.0
NW-1	-3.7	-3.3	-3.3	-4.0	-0.7	-4.6	-4.5	-4.3	-4.0	-3.9	-3.8	-4.1	-3.8	-5.1	-3.5	-5.1	-5.1	-4.0	-5.5
NW-2	-3.0	-2.6	-2.4	-2.9	-1.1	-3.9	-3.3	-3.8	-3.1	-3.0	-2.9	-3.9	-3.6	-5.5	-4.9	-3.7	-3.7	-3.5	-4.0
NW-3	-3.9	-3.2	-3.6	-4.0	-1.5	-4.2	-4.2	-4.3	-3.9	-3.9	-3.8	-3.9	-3.7	-4.7	-4.7	-4.7	-4.9	-4.6	-5.6
NW-4	-4.1	-3.7	-3.6	-4.4	-1.2	-4.9	-5.0	-4.6	-4.3	-4.1	-4.0	-5.4	-4.9	-5.8	-5.5	-5.5	-5.6	-4.1	-6.5
NW-5	-3.3	-2.9	-2.9	-3.6	-1.5	-3.7	-4.0	-4.1	-3.5	-3.3	-3.2	-4.5	-3.9	-3.9	-4.1	-4.0	-4.4	-4.0	-4.8
NW-6	-3.4	-3.0	-3.0	-3.6	-1.2	-4.3	-4.0	-3.9	-3.5	-3.3	-3.3	-4.1	-3.9	-4.6	-4.2	-4.2	-4.4	-4.2	-5.0
Ext-1	-0.2	0.0	-0.1	-0.1	-0.1	-0.2	-0.2	-1.3	-0.2	-0.2	-0.1	-0.2	-0.2	-1.8	-0.1	-0.1	-0.2	-0.3	-0.1
Ext-2	-1.4	-1.2	-1.2	-1.4	-0.5	-1.4	-1.6	-2.1	-1.4	-1.4	-1.3	-1.8	-1.8	-0.2	-1.6	-1.6	-1.5	-1.6	-1.7
Ext-3	-3.6	-3.3	-3.2	-3.6	-1.4	-4.1	-4.1	-4.0	-3.7	-3.6	-3.6	-5.0	-4.9	-5.0	-4.6	-4.8	-4.4	-4.9	-5.3
Ext-4	-3.6	-2.9	-3.0	-3.5	-1.1	-3.9	-4.1	-4.1	-3.6	-3.6	-3.4	-4.8	-3.9	-4.9	-4.0	-4.0	-4.2	-4.7	-4.9
Ext-5	-2.9	-2.5	-2.5	-2.9	-1.1	-3.6	-3.6	-3.7	-3.2	-3.2	-3.1	-4.2	-3.7	-3.8	-3.2	-3.4	-3.8	-3.9	-4.2
N-1	-0.2	-1.1	-1.6	-2.1	-0.3	-0.3	-0.2	-0.3	-0.3	-0.4	-0.4	-0.3	-0.3	-0.3	-2.1	-2.3	-2.1	-1.3	-1.0
N-2	-0.3	-0.2	0.0	-0.4	-0.1	-0.5	-0.5	-0.5	-0.8	-0.6	-0.7	-0.5	-0.2	-0.4	-0.6	-0.9	-0.9	-0.6	-0.5
N-3	-0.2	-0.1	-0.1	-0.2	-0.1	-0.1	-0.2	-0.3	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	0.0	-0.2	-0.2	-0.2	-0.2
N-4	-0.2	-0.2	-0.1	-0.2	-0.2	-0.1	-0.2	-0.1	-0.1	-0.1	-0.2	-0.2	0.0	0.0	-0.1	-0.2	-0.2	-0.2	-0.2
N-5	-0.2	-0.1	-0.1	-0.2	-0.1	-0.1	-0.2	-0.2	-0.3	-3.4	-3.4	-0.4	-0.5	-0.2	-0.1	-0.3	-0.2	-0.8	-0.6
N-6	-1.4	-1.3	-0.3	-1.6	-0.7	-1.1	-1.7	-1.3	-1.5	-1.5	-1.5	-1.8	-2.0	-1.9	-1.8	-1.2	-1.0	-2.1	-2.2
BS-1	-7.1	-6.8	-6.9	-8.6	-2.7	-9.9	-9.8	-9.1	-8.5	-8.3	-8.1	-12.1	-12.0	-11.8	-11.5	-11.5	-11.8	-8.2	-12.0

Measured in inches of H2O

NA - Not Available

Landfill Gas Control Well Vacuum Data
East Northport Landfill, East Northport, New York
 for period of record between October, 1999 and October, 2007

Well	12/02	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04
CWI-4	-7.2	-6.3	-7.4	-6.8	-6.5	-6.4	NA	-4.1	-4.1	-4.0	-4.2	-4.1	-4.2	-4.3	-2.7	-3.2	-3.1	-2.3	-2.4
CWI-5	-8.0	-6.6	-8.3	-7.2	-7.0	-7.2	NA	-4.6	-4.5	-4.4	-4.6	-2.8	-3.0	-3.4	-3.0	-3.5	-3.6	-2.4	-2.5
CWI-6	-8.7	-6.8	-8.9	-7.4	-7.1	-7.2	NA	-4.5	-4.4	-4.2	-4.4	-3.7	-3.2	-3.7	-2.9	-3.5	-3.4	-2.5	-2.5
CWI-7	-7.4	-5.5	-7.8	-6.3	-6.2	-6.9	NA	-4.2	-4.2	-4.0	-4.3	-2.6	-2.9	-2.7	-2.9	-3.5	-2.8	-2.3	-2.4
CWII-1	-7.6	-5.7	-8.0	-6.4	-6.4	-6.1	NA	-4.2	-3.6	-3.8	-3.5	-3.0	-2.8	-3.1	-2.6	-3.9	-4.0	-3.7	-3.8
CWII-2	-8.5	-6.2	-8.5	-6.5	-6.5	-6.2	NA	-4.0	-3.5	-3.6	-3.5	-3.2	-3.3	-3.1	-2.7	-3.4	-3.4	-1.9	-2.0
CWII-3	-8.7	-6.3	-9.2	-6.9	-6.7	-6.5	NA	-4.1	-3.9	-3.8	-3.7	-3.6	-3.7	-3.3	-2.7	-3.6	-3.5	-2.1	-2.2
CWII-4	-8.3	-6.6	NA	-6.7	-6.5	-6.1	NA	-3.9	-3.7	-3.6	-3.6	-3.5	-3.0	NA	-2.6	NA	-3.3	-2.1	-2.5
CWII-5	-0.1	-6.8	0.0	-7.3	-6.6	-6.3	NA	-3.9	-3.9	-3.8	-3.7	-2.4	-2.5	-2.6	-2.7	-3.6	-2.6	-2.0	-1.9
CWII-6	-0.1	-4.3	0.0	-4.8	-4.7	-4.5	NA	-3.1	-3.5	-3.5	-3.6	-3.2	-3.1	-0.1	-1.2	-0.2	-0.3	-0.4	-0.8
CWII-7	0.0	-3.8	NA	-3.9	-3.8	-3.5	NA	-2.2	-2.8	-2.7	-2.5	-3.1	-3.1	-0.2	-1.1	-0.1	-0.2	-0.4	-0.7
CWII-8	0.0	0.0	NA	-0.2	-0.1	0.0	NA	-0.1	-0.1	0.0	-0.2	-0.1	-0.2	0.0	-0.1	0.0	0.0	0.1	-0.2
CWII-9	0.0	-2.2	0.0	-2.3	-2.3	-2.2	NA	-1.5	-1.5	-1.4	-1.5	-1.5	-1.3	-0.1	-0.8	-0.2	-0.1	0.0	-0.2
NW-1	-6.1	-5.7	NA	-6.2	-5.9	-6.4	NA	-4.0	-4.0	-3.8	-4.0	-4.0	-4.0	-0.1	-0.1	-3.1	-3.4	-1.8	-2.2
NW-2	-4.8	-4.1	-5.2	-5.0	-4.7	-4.2	NA	-4.7	-4.2	-4.5	-4.7	-2.7	-3.1	NA	-3.1	-3.5	-3.1	-2.4	-2.8
NW-3	-7.0	-6.4	-6.9	-6.2	-6.0	-6.9	NA	-4.1	-4.0	-4.0	-4.1	-4.0	-3.9	-2.5	-2.8	-3.1	-3.1	-2.2	-2.1
NW-4	-6.3	-4.7	-8.0	-7.0	-6.7	-6.6	NA	-3.9	-3.8	-3.6	-3.8	-3.9	-3.9	-2.6	-2.8	-2.9	-2.6	-1.9	-1.8
NW-5	-5.5	-4.7	NA	-5.7	-5.1	-4.9	NA	-3.1	-3.0	-3.0	-3.1	-3.5	-3.5	-2.3	-2.1	-2.7	-3.0	-1.7	-1.6
NW-6	-5.6	-5.6	-6.5	-5.7	-5.3	-5.3	NA	-3.2	-3.1	-3.0	-3.1	-1.9	-2.1	-2.4	-2.1	-2.5	-2.2	-2.1	-1.9
Ext-1	-0.3	-0.1	-0.2	-0.6	-0.1	-0.1	NA	-0.1	-0.1	-0.1	-0.1	-0.2	-0.1	-0.6	-0.2	-0.6	-0.4	-0.3	-0.9
Ext-2	-2.0	-1.6	-1.8	-1.6	-2.0	-1.5	NA	-2.0	-2.0	-2.0	-2.0	-0.8	-0.8	-1.0	-1.0	-1.2	-1.0	-1.0	-0.7
Ext-3	-5.7	-5.4	-5.2	-4.8	-5.8	-6.0	NA	-5.1	-5.0	-4.8	-3.2	-2.0	-2.2	-2.2	-2.3	-2.5	-2.8	-3.0	-1.7
Ext-4	-5.7	-5.0	-6.2	-5.9	-5.8	-5.5	NA	-5.3	-5.2	-5.0	-3.0	-1.8	-2.0	-1.9	-2.0	-2.1	-2.2	-2.3	-1.5
Ext-5	-4.3	-4.9	-4.2	-3.9	-4.8	-5.0	NA	-4.5	-4.3	-4.2	-4.2	-1.5	-1.9	-1.6	-1.8	-1.9	-1.9	-2.0	-2.2
N-1	-1.5	0.0	NA	-0.1	-0.1	0.0	NA	-1.2	-1.1	-1.0	-1.0	-1.0	-0.9	NA	-0.7	-0.6	-1.0	-0.7	-0.9
N-2	-1.7	-0.1	NA	-0.1	-0.1	0.0	NA	-0.8	-0.9	-0.9	-0.8	-0.6	-0.8	NA	-0.6	-0.8	-0.7	-0.5	-0.8
N-3	-0.8	-0.2	NA	-0.2	-0.1	-0.1	NA	-0.2	-0.2	-0.1	-0.2	-0.2	-0.2	NA	-0.2	-0.2	-0.3	-0.1	-0.1
N-4	-0.3	-0.2	NA	-0.2	-0.1	-0.1	NA	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	NA	-0.2	-0.2	-0.3	-0.1	-0.1
N-5	-0.3	-0.6	NA	-0.2	-0.1	-0.1	NA	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	NA	-0.2	-0.2	-0.2	-0.1	-0.2
N-6	0.0	-2.1	0.0	-2.4	-2.3	-2.1	NA	-1.5	-1.3	-1.3	-1.2	-1.0	-0.9	-0.9	-0.8	NA	-0.9	0.0	-0.8
BS-1	-13.3	-12.6	-13.4	-12.8	-12.5	-12.2	-10.5	-7.6	-7.4	-7.0	-7.8	-11.0	-14.4	-4.3	-4.4	-4.8	-4.4	-3.9	-3.9

Measured in inches of H2O

NA - Not Available

**Landfill Gas Control Well Vacuum Data
East Northport Landfill, East Northport, New York**
for period of record between October, 1999 and October, 2007

Well	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05	1/06
CWI-4	-2.4	-2.8	-2.5	-2.5	-3.0	-2.4	-3.8	-3.8	-3.5	-3.5	-3.0	-2.7	-3.1	-2.9	-2.7	-4.1	-3.4	-3.0	-2.9
CWI-5	-2.5	-2.0	-3.0	-2.6	-3.2	-2.6	-4.0	-4.2	-3.5	-3.5	-3.1	-2.9	-3.2	-3.0	-2.9	-4.6	-3.8	-2.9	-3.3
CWI-6	-2.8	-2.5	-3.1	-2.5	-3.4	-2.5	-3.9	-4.4	-3.7	-3.7	-3.0	-2.9	-3.3	-3.2	-3.0	-4.7	-3.8	-3.0	-3.5
CWI-7	-2.7	-2.6	-3.0	-2.4	-3.3	-7.4	-3.8	-4.2	-3.6	-3.3	-2.8	-2.8	-3.0	-3.0	-2.3	-4.6	-3.8	-2.9	-3.0
CWII-1	-4.0	-4.2	-3.0	-2.3	-3.1	-2.3	-3.9	-4.1	-3.5	-3.3	-2.6	-2.7	-2.9	-2.8	-2.6	-4.5	-3.8	-2.9	-3.1
CWII-2	-2.2	-2.4	-3.0	-2.3	-3.1	-2.2	-3.5	-4.0	-3.4	-3.4	-2.7	-2.7	-3.0	-2.8	-2.7	-4.3	-3.7	-2.8	-3.0
CWII-3	-2.4	-2.0	-3.1	-2.3	-3.3	-3.0	-3.7	-4.3	-3.4	-3.4	-2.6	-2.7	-3.0	-2.8	-2.6	-4.5	-3.5	-2.8	-3.0
CWII-4	-2.6	-2.7	-3.0	-2.2	-3.3	-0.1	-3.3	-4.1	-3.3	-3.3	-2.4	-2.5	-3.0	-2.5	-2.6	-4.4	-3.8	-2.8	-2.8
CWII-5	-2.3	-2.5	-3.0	-2.2	-0.1	-0.1	-3.3	-4.3	-3.3	-3.1	-2.7	-2.6	-1.9	-1.9	-2.7	-4.0	-3.9	-2.7	-2.8
CWII-6	-1.7	-2.0	0.0	-1.4	0.0	0.0	-1.3	0.0	-1.5	-1.6	-1.7	-1.7	-1.6	-2.7	-1.6	0.0	-0.2	-1.1	-1.4
CWII-7	-1.0	-1.0	0.0	-1.0	0.0	0.0	-1.2	0.0	-1.2	-1.3	-1.5	-1.2	0.0	-1.4	-1.1	0.0	-0.3	-1.0	-1.2
CWII-8	-0.5	-0.6	0.0	-0.1	0.0	-0.1	0.0	0.0	0.0	-0.1	-0.1	-0.1	-1.0	0.0	0.0	0.0	0.0	0.0	0.0
CWII-9	-0.9	-1.0	0.0	-0.7	0.0	-0.9	-0.8	0.0	-0.9	-1.0	-1.1	-0.8	-2.5	-1.0	-0.9	-0.1	-0.2	-0.7	-0.9
NW-1	-2.2	-2.4	-2.3	-2.4	-2.6	-2.5	-3.6	-3.6	-3.3	-3.2	-2.9	-2.7	-3.1	-3.1	-3.0	-4.3	-3.4	-2.6	-2.8
NW-2	-2.8	-2.6	-2.9	-2.6	-2.9	-2.6	-3.6	-4.2	-3.7	-3.6	-3.0	-3.0	-3.0	-3.2	-2.7	-4.5	-3.6	-2.7	-3.3
NW-3	-2.1	-2.0	-2.1	-2.3	-2.5	-2.3	-3.6	-3.5	-3.3	-3.2	-2.8	-2.6	-2.5	-3.0	-2.4	-3.9	-3.2	-2.3	-2.8
NW-4	-1.9	-1.9	-2.2	-2.1	-2.4	-2.3	-3.1	-3.1	-0.1	-2.9	-2.7	-2.5	-2.1	-2.7	-2.5	-3.7	-3.0	-2.2	-2.9
NW-5	-1.6	-1.8	-2.2	-1.8	-2.1	-1.8	-2.0	-2.6	-2.1	-2.4	-2.2	-2.0	-2.2	-2.2	-2.1	-2.5	-2.4	-1.9	-2.3
NW-6	-2.0	-1.8	-1.8	-1.8	-2.0	-1.8	-2.8	-2.5	-2.2	-2.6	-2.0	-2.0	-1.8	-2.0	-2.2	-2.8	-2.3	-1.5	-2.2
Ext-1	-0.9	-0.8	-0.1	-0.1	0.0	-1.7	-2.0	0.0	-2.0	0.0	-0.1	-1.8	-0.6	-0.1	-2.3	-0.1	-0.1	0.0	0.0
Ext-2	-0.9	-1.0	-0.8	-0.7	-0.8	-1.6	NA	-0.9	-2.2	-1.0	-1.2	-1.7	-1.7	-0.8	-0.8	-1.2	-0.9	-0.6	-0.6
Ext-3	-1.6	-1.8	-1.9	-1.7	-2.1	-1.6	-2.6	-2.7	-2.3	-2.6	-2.4	-2.1	-1.5	-2.1	-2.1	-2.8	-2.3	-1.9	-2.1
Ext-4	-1.7	-1.8	-1.7	-1.6	-2.0	-1.5	-2.4	-2.5	-2.4	-2.3	-2.3	-2.0	-1.3	-1.8	-1.9	-2.6	-2.2	-1.7	-2.0
Ext-5	-1.3	-1.5	-1.4	-1.4	-1.6	-1.3	-2.3	-2.1	-2.1	-2.0	-1.7	-1.7	-1.2	-1.7	-1.7	-2.3	-2.0	-1.6	-0.8
N-1	-0.8	-1.0	-1.0	-0.4	-0.1	-0.3	NA	-0.7	-0.5	-0.3	-0.6	-0.6	-0.5	-1.1	-1.1	-0.4	-0.3	-0.3	-0.3
N-2	-0.8	-0.8	-0.6	-0.5	-0.6	-0.7	NA	-0.2	-0.4	-0.3	-0.4	-0.6	-0.3	-0.9	NA	-0.7	-0.5	-0.4	-0.4
N-3	-0.2	-0.1	-0.2	-0.1	0.0	-0.1	NA	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.2	-0.1	-0.1	-0.1
N-4	-0.2	-0.2	-0.3	-0.1	-0.1	-0.2	NA	0.0	NA	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.2	-0.1	0.0	0.0
N-5	-0.3	-0.4	-0.2	-0.1	0.0	-0.2	NA	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.0	-0.2	-0.1	-0.1	-0.1
N-6	-0.9	-1.0	0.0	-0.8	0.0	-0.1	NA	0.0	-0.9	-0.9	-1.0	-0.8	-1.0	-0.7	-0.8	-0.1	-0.2	-0.9	NA
BS-1	-3.9	-3.8	-4.3	-4.0	-4.6	-6.0	-6.4	-6.6	-6.0	-5.9	-5.2	-4.7	-4.8	-5.2	-4.3	-6.4	-5.8	-4.4	-4.9

Measured in inches of H2O
NA - Not Available

Landfill Gas Control Well Vacuum Data
East Northport Landfill, East Northport, New York
for period of record between October, 1999 and October, 2007

Well	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07
CWI-4	-2.6	-2.6	-3.0	-2.6	-0.1	-3.3	-5.2	-1.2	-2.8	-3.9	-4.2	-3.0	-3.6	-3.0	-3.0	-2.8	-2.8	-2.6	-2.6
CWI-5	-3.1	-3.2	-2.6	-2.8	0.0	-2.8	-1.9	-3.4	-2.3	-4.4	-4.5	-3.4	-3.6	-3.2	-3.2	-2.9	-2.9	-2.7	-2.7
CWI-6	-3.1	-3.0	-3.0	-2.9	-0.3	-4.0	-6.4	-2.9	-2.9	-4.7	-4.3	-3.5	-3.7	-3.2	-3.2	-3.0	-2.9	-2.7	-2.6
CWI-7	-3.0	-2.8	-2.8	-2.8	-0.4	-2.8	-2.4	-3.1	-2.8	-4.5	-4.1	-3.3	NA	-3.0	-2.9	-2.8	-2.7	-2.5	-2.5
CWII-1	-3.0	-3.0	-2.9	-2.7	0.0	-3.2	-6.3	-2.9	-2.6	-4.3	-4.3	-3.4	-3.4	-2.7	-3.0	-2.7	-2.6	-2.5	-2.3
CWII-2	-2.9	-2.7	-2.8	-2.7	-0.5	-3.5	-5.9	-5.4	-2.6	-4.2	-3.9	-3.3	-3.4	-2.6	-2.8	-2.6	-2.5	-2.4	-2.3
CWII-3	-2.9	-2.9	-2.7	-2.5	0.0	-2.6	-6.8	-0.6	-2.7	-4.3	-4.1	-3.1	-3.4	-2.7	NA	NA	-2.6	-2.4	-2.3
CWII-4	-2.8	-2.4	-2.6	-2.7	-0.9	-3.2	-6.8	-2.7	-2.6	-5.0	-4.0	-3.1	-3.7	-2.7	-2.6	-2.5	-2.5	-2.3	-3.2
CWII-5	-2.5	-2.6	-2.7	-2.1	0.0	-2.3	-7.0	-2.6	-2.6	-0.3	-4.2	-3.2	-3.6	-2.6	-2.7	-2.5	-2.4	-2.3	-2.2
CWII-6	-1.4	-1.5	-1.6	-1.9	-0.1	-1.0	-0.2	-1.7	-1.4	-1.7	-2.3	-2.0	-0.2	-1.7	-1.6	-1.7	-1.7	-1.6	-1.6
CWII-7	-1.0	-1.1	-0.7	-1.4	-0.2	-0.8	-0.2	-1.3	-1.1	-1.5	-1.7	-1.7	-1.3	-1.4	-1.4	-1.2	-1.3	-1.1	-1.2
CWII-8	0.0	-0.2	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	-0.1	-0.1	-0.1	0.0	0.0
CWII-9	-0.6	-0.7	-1.0	-0.8	-0.9	-0.6	-0.2	-0.9	-0.8	-0.9	-1.2	-1.4	-1.0	-1.0	-1.1	-0.9	-0.9	-0.8	-0.2
NW-1	-2.8	-2.8	-2.6	-2.2	-2.4	-3.2	-4.0	-3.7	-2.5	-3.2	-3.9	-2.9	-3.4	-3.0	-2.9	-2.8	-2.6	-2.1	-2.6
NW-2	-2.9	-2.7	-2.6	-2.9	-2.7	-3.4	-4.5	-3.4	-3.2	4.2	-4.5	-3.3	-3.7	-3.2	-3.2	-3.1	-3.9	-2.8	-2.8
NW-3	-2.9	-2.8	-2.7	-2.7	-2.8	-3.2	-4.0	-3.2	-2.8	-4.0	-4.0	-2.3	-3.4	-2.9	-3.0	-2.7	-2.6	-2.6	-2.5
NW-4	-3.0	-3.0	-3.0	-2.7	-2.6	-2.4	-3.6	-2.8	-2.6	-4.0	-3.6	-2.8	-3.3	-2.6	-2.9	-2.6	-2.4	-2.4	-2.2
NW-5	-2.9	-2.6	-2.6	-1.2	-2.5	-2.2	-2.6	-2.3	-2.1	-3.6	-2.9	-2.3	-3.0	-2.2	-2.6	-2.2	-1.9	-2.1	-1.8
NW-6	-3.0	-2.9	-3.0	-1.6	-2.1	-2.8	-2.8	-2.5	-2.8	-3.1	-3.0	-2.3	-2.6	-2.3	-1.6	-2.3	-2.1	-2.0	-1.8
Ext-1	0.0	0.0	-0.2	-0.2	-0.3	0.0	-0.7	-0.1	-0.1	-3.6	-3.4	-2.7	-0.1	0.0	0.0	0.0	-1.7	-0.1	-0.1
Ext-2	-0.8	-0.9	-0.8	-0.8	-0.6	-0.1	-3.0	-0.9	-0.7	-3.4	NA	-2.1	-1.1	-0.8	-0.9	-0.9	-2.1	-0.9	-0.7
Ext-3	-2.8	-2.7	-2.6	-2.2	-1.9	-0.5	-3.3	-2.3	-2.1	-3.3	-3.2	-2.3	-2.9	-2.2	-2.5	-2.3	-2.3	-2.1	-2.1
Ext-4	-1.9	-1.8	-1.6	-2.1	-2.0	-0.6	-2.0	-2.0	-2.1	-3.2	-3.5	-2.0	-2.7	-2.2	-2.3	-2.1	-0.9	-2.0	-1.9
Ext-5	-1.6	-1.4	-1.6	-1.7	-1.5	-0.2	-0.1	-1.6	-1.6	-2.4	-2.6	-2.0	-2.3	-2.0	-2.1	-1.9	-0.1	-1.7	-1.6
N-1	-0.2	-0.4	-0.4	-0.6	0.0	-1.0	-2.8	-1.5	-0.2	-0.2	-0.2	0.0	0.1	0.0	-0.2	-0.1	0.0	-0.1	-0.3
N-2	-0.4	-0.8	-0.7	NA	0.0	-0.1	-0.9	-0.3	-0.6	-0.5	-0.4	-0.3	-0.4	-0.4	-0.6	-0.3	-0.3	-0.5	-0.6
N-3	-0.1	0.0	-0.2	-0.1	-0.1	0.0	-0.3	-0.1	-0.1	-0.1	-0.2	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.2
N-4	0.0	0.0	-0.1	-0.1	-0.1	0.0	-0.2	-0.1	-0.2	-0.1	-0.1	0.0	-0.2	-0.8	-0.1	-0.1	0.0	-0.1	-0.1
N-5	-0.1	0.0	-1.0	-0.1	-0.1	-0.1	-0.2	-0.2	-0.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
N-6	-0.8	-0.1	-0.2	NA	0.0	-1.1	-0.2	-0.9	-1.0	NA	NA	NA	NA	NA	-1.1	-0.8	-0.9	-0.9	-0.9
BS-1	-4.2	-5.1	-4.6	-4.6	-3.1	-8.5	-10.1	-6.1	-5.1	-7.3	-7.2	4.0	-5.6	-5.0	-5.1	-4.8	-7.3	-4.3	-5.6

Measured in inches of H₂O

NA - Not Available

