

SCS FIELD SERVICES

April 10, 2013
File No. 07208104.13 Task 1

Mr. Dave Scurlock
Facilities Operation Specialist
City of Bellevue
P.O. Box 90012
Bellevue, Washington 98009-9012

Subject: 2012 Annual Summary Report for Operation and Monitoring of the Landfill Gas (LFG) Migration Control Facilities at the Eastgate Area Properties Landfill, Bellevue, Washington

Dear Mr. Shurlock:

This report provides a summary on operation and monitoring (O&M) activities performed by SCS Field Services (SCS) on the subject system from the months of January through December 2012. SCS performed O&M services at the Eastgate Area Properties landfill gas collection and control system (GCCS).

BACKGROUND

The Eastgate Area Properties Landfill site is a closed municipal solid waste landfill. The City of Bellevue (COB) owns the Eastgate Landfill, which is now used as a park on a parcel of property north of the Advanta office complex off of 160th Avenue SE. The closed landfill accepted household waste between 1951 and 1964 and occupies approximately 10 acres. In 1986 the original GCCS was designed and installed. The current site GCCS consists of 2 Lamson blowers, 1 blower/carbon vent system, 20 vertical landfill gas extraction wells, 14 subsurface gas migration monitoring probes, 13 condensate drain traps and below grade lateral and main header piping systems.

During the months of January and February 2012, SCS and City personnel completed final decommissioning of the enclosed flare, control panel integration and installation of components for the conversion and modification work for direct vent through carbon filtration including a daily automatic operation time controller. Throughout the 2012 year, when operating the LFG collection system through the carbon vent system, operations and monitoring was performed in accordance with the Discharge Confirmation Monitoring Program letter prepared by SCS Engineers, dated October 19, 2011.

Organic materials buried in a landfill decompose anaerobically (in the absence of oxygen) producing a combustible gas, which typically contains approximately 50 to 60 percent methane,



40 to 50 percent carbon dioxide, and trace amounts of various other gases, some of which are odorous. The Eastgate property contains a system to control the combustible gases generated in the landfill.

The gases produced in a landfill will either vent vertically to the atmosphere or migrate horizontally through subsurface soil to locations on adjacent properties. If the soil surrounding a landfill consists of permeable materials, there is a greater likelihood that the LFG will migrate to off-site locations. If the methane gas component of LFG is allowed to accumulate in a confined area (i.e., utility lines, irrigation valve boxes, vaults, basements, wall spaces, etc.) and is exposed to an ignition source, it can be explosive at concentrations between 5 and 15 percent by volume. At higher concentrations, methane is flammable. However, the presence of methane gas in site soil does not mean there is an immediate threat of explosion because flames cannot typically propagate through soil.

GAS TESTING

Testing for methane gas (the combustible component of LFG), oxygen gas, carbon dioxide gas, and pressure were performed using a Landtec GEM-2000 Gas Analyzer or comparable unit. This instrument measures combustible gas concentrations in air directly on either of two scales: the first as percent by volume of the lower explosive limit (LEL) of methane gas in air (5 percent); the second as percent by volume (0 to 100 percent) in the gas sampled. Additional pressure and temperature data were also collected utilizing the GEM-2000 Gas Analyzer. Testing for volatile organic compounds (VOC) at the blower vent station was performed using a MiniRAE 2000 portable VOC monitor.

Perimeter probe testing procedures are as follows:

- Connect sample tubing, observe pressure and record data.
- Turn on sample pump, extract a minimum of one probe volume, observe and record methane, oxygen, and carbon dioxide gas concentrations (when readings have stabilized).
- Disconnect sample equipment and secure sample location.

Extraction well and blower vent station testing procedures are as follows:

- Connect sample tubing; observe pressure, temperature, and record data.
- Turn on sample pump, observe and record methane, oxygen, and carbon dioxide gas concentrations (when readings have stabilized).
- For VOC monitoring, turn on sample pump, connect sample tubing, observe and record VOC concentrations (when readings have stabilized).

- Disconnect sample equipment and secure sample location.

LFG MONITORING PROBES

In accordance with the approved 2012 testing schedule, LFG monitoring probes were tested twice each month. During each month, all perimeter monitoring probes were tested for the presence of LFG. Results of this testing indicated that all monitoring probes exhibited methane gas concentration below 5 percent by volume or no methane gas was detected with the exception of Monitoring Probe Nos. MW-2, MW-3, MW-4 and MW-15. Test results for the entire year and locations are shown on attached data Table 1 and location Figure 1, respectively.

In response to more reliable and increased daily operation of the blower vent station and on-going monthly GCCS and extraction well adjustments methane gas concentrations detected at MW-2, MW-3, MW-4 and MW-15 gradually decreased to below 5 percent by volume or no methane gas detected (at all locations) by July 10, 2012. The initial dates that methane gas concentrations decreased below 5 percent by volume for MW-4 was February 14, MW-15 was May 22, MW-2 was June 22 and MW-3 was July 10, 2012. Methane gas concentrations previously detected at all these probe locations remained below 5 percent by volume throughout the remainder of the 2012 reporting year.

Historically, during winter, spring and fall months, as previously reported by the COB and other consulting firms, SCS believes that the elevated gas concentrations are attributed to shallow water infiltration into the condensate drain traps and the gas collection piping system, restricting the amount of available vacuum to the LFG extraction wells. Also, during previous years after high water table elevations within the landfill subsided, the length of time the system could effectively be operated was limited due to the age of the landfill and oversize/capacity of the existing LFG blowers and flare. Decomposition of the waste had steadily decreased each year and again in 2011 resulting in lower available flow and gas quality to the flare. As a result, the length of time the GCCS and flare system could be operated had become increasingly more limited. From November 2011 through March 2012 the decommissioning of the enclosed LFG flare and conversion modification work for direct vent of LFG through carbon filtration was completed by a combined effort of SCS and City personnel. This conversion and modification work allowed for increased daily operational run time on the system throughout the remainder of the 2012 reporting year.

On June 22, 2012, SCS observed that the protective security monument for MW-10 had been removed/ stolen. On July 26, 2012, SCS installed a new protective security monument at MP-10.

During this reporting period, January through December 2012, no additional repairs or modifications were needed or required on the LFG monitoring probe network.

LFG EXTRACTION WELLS

In accordance with the approved 2012 monitoring schedule, perimeter and interior LFG extraction wells were monitored and vacuum/flow adjustments made twice each month. Test results are shown in attached data Table 2 and locations on Figure 1, respectively. System adjustments were performed when a LFG extraction well exhibited an unacceptable change in methane and/or oxygen gas concentration (which could be due to an overpull or underpull condition).

In addition, each month all perimeter and interior LFG extraction well vacuum and flow adjustments were performed to help decrease and then maintain methane gas concentrations detected at Monitoring Probe Nos. MW-2, MW-3, MW-4 and MW-15 to below 5 percent by volume.

Twice each month, LFG temperatures at all perimeter and interior LFG extraction wells were monitored (see attached data Table 2). The observed temperatures for the 2012 reporting year are considered to be in the low to normal range for anaerobic decomposition. No indication (high temperatures in excess of 130 degrees) or subsurface oxidation was detected or observed during any of the monthly monitoring events.

On September 12, 2012, SCS observed and replaced age deteriorated sample test ports on LFG Extraction Well No. EW-5R.

During this reporting period, January through December 2012, no other repairs or modifications were needed or required on the LFG extraction well network.

LFG COLLECTION SYSTEM

In accordance with the approved 2012 monitoring schedule, visual observation of the LFG collection system was conducted at a minimum of twice each month. During these visits, observations were made to verify no pipe breakages had occurred and condensate drainage systems are working properly. Minor repairs if observed were completed as required.

During monthly LFG extraction well monitoring activities SCS conducts a pressure drop survey (i.e., measurement of pipeline pressure at various points throughout the LFG collection system). The results of this survey (where applicable) indicated that several partial below grade pipeline condensate restrictions within the LFG collection system existed during winter months and were causing decreased or no available vacuum to several extraction wells. SCS understands that historically (during winter/rain months) that groundwater levels at the site increase which inhibits liquid to drain from some of the below grade pipeline condensate drain traps. A result of this occurrence is decreased or no available vacuum to some of the LFG extraction wells.

Following startup of the blower vent station resulting in more reliable and continuous daily operation and rebalancing and adjustment of the LFG extraction well field, SCS has been able to

better evaluate the entire collection system vacuum profile. Review of vacuum profile data (during winter months) continues to indicate and SCS believes that Condensate Drain Trap Nos. CT-1 and CT-5R become inundated with liquid inhibiting condensate to drain freely from the main LFG pipelines. The results of this occurrence has historically been reduced vacuum to LFG Extraction Well Nos. EW-02R, EW-03R, and EW-10 through EW-15 and then subsequent increased LFG migration to perimeter Monitoring Probe Nos. MW-2, MW-3, MW-4 and MW-15. Following the startup and more continuous daily operation of the blower vent station LFG collection system vacuum decreases were observed to be less during the 2012 winter months resulting in maintaining all perimeter monitoring well locations to below 5 percent by volume methane gas concentrations throughout the remainder of the 2012 reporting year.

LFG BLOWER VENT SYSTEM (BVS)

In accordance with the 2012 monitoring schedule, visual observation and testing of the LFG BVS was conducted at a minimum of twice each month. During these visits, operating parameters were monitored and mechanical and electrical components were checked for functionality.

During the months of January, February and until March 19, 2012 (each week) the BVS was manually operated intermittently by COB or SCS personnel. Throughout the 2012 reporting year, SCS, City personnel or the automatic daily operation time controller started the BVS prior to well field and gas probe monitoring activities. BVS test port monitoring results are shown in data Table 3. Based on monthly operational runtime information provided in data Table 4 the BVS operated a total of approximately 3,022 hours during the 2012 reporting year.

Twice per month during 2012, SCS performed carbon vent system VOC breakthrough field monitoring and results are provided in Table 3. The carbon vent system (while in operation) maintained the outlet VOC concentrations below the prescribed operating criteria with the exception that on May 22, August 17, and November 14, 2012, SCS detected a substantial increase in VOC concentrations on the outlet of the BVS primary carbon drum. This observed substantial increase in VOC concentrations indicated that the carbon media and VOC removal efficiency within the primary drum was depleted and in need of replacement. On each of these days, the BVS was shut down and the secondary carbon drum was relocated as the primary drum and a new secondary carbon drum was installed. Following the carbon drum relocation and replacement work the BVS was restarted and the primary and secondary outlet VOC concentrations were retested and results indicated to be within the prescribed operating criteria.

On May 22, 2012, SCS observed and repaired an age/weather deteriorated flex hose between the primary and secondary carbon drums.

On October 17, 2012, SCS observed and repaired air leaks on the carbon vent drums.

On November 14, 2012, SCS observed and repaired an age/weather deteriorated flex hose on the discharge of the secondary carbon drum.

During this reporting period, January through December 2012, no other repairs or modifications were needed or required on the BVS.

SITE SURFACE OBSERVATION

In accordance with the 2012 monitoring schedule, visual observation of the landfill surface along the extent of the LFG extraction system is performed at a minimum of twice per month. Observations for erosion, surface cracks (that might allow LFG to escape or promote air intrusion) and settlement around wells, laterals, and pipelines are conducted.

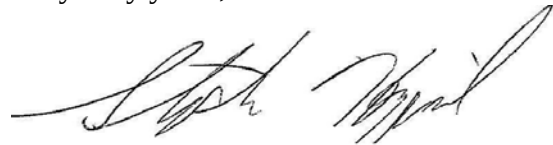
During this 2012 reporting year, SCS observed additional indications of surface settlement/low spot at and around LFG Extraction Well No. EW-20. Options for additional topsoil placement at and around EW-20 are being evaluated and are expected to be implemented during spring/summer 2012.

During this reporting period, no other additional significant/major settlement, erosion or surface cracks that could adversely impact the LFG collection system operation was observed. Other minor surface erosion and cracks were repaired as needed.

CLOSING

The information provided in this 2012 summary report was conducted in accordance with the COB and SCS contract work scope. We hope you find this information of value. Should you have any questions, do not hesitate to contact either of the undersigned.

Very truly yours,



Stephan Harquail
Project Manager

SCS FIELD SERVICES



Anton Z. Svorinich
Northwest Region Manager

SCS FIELD SERVICES

Attachments: LFG Monitoring Probe Data Table 1
 LFG Extraction Well Data Table 2
 LFG Sample Port and BFS Data Table 3
 LFG Blower Vent Station Operational Runtime Data Table 4
 Site Location Figure 1

**Table 1. LFG Monitoring Probe Test Results
January Through December 2012
Eastgate Area Property Landfill**

GEM ID	Date Time	CH4 % by vol	CO2 % by vol	O2 % by vol	Bal Gas % by vol	Comment
MW02D	1/12/2012 15:03	0	5	10.5	84.5	
MW02D	1/26/2012 12:09	0	6.3	8.5	85.2	
MW02D	2/14/2012 17:12	0	7.6	7.7	84.7	
MW02D	2/23/2012 13:29	0.1	6.8	7.4	85.7	
MW02D	3/9/2012 7:39	0	6.6	7.7	85.7	
MW02D	3/29/2012 6:09	0	6.5	7.6	85.9	
MW02D	4/13/2012 7:20	0.1	5.7	8.4	85.8	
MW02D	4/24/2012 7:33	0	6.3	8.2	85.5	
MW02D	5/11/2012 7:13	0	5.5	9.1	85.4	
MW02D	5/22/2012 6:27	1.6	7.3	5.9	85.2	
MW02D	6/8/2012 6:27	0.4	0.3	20.7	78.6	
MW02D	6/22/2012 6:40	1.1	11.1	2.7	85.1	
MW02D	7/10/2012 6:41	0.1	1.2	19.9	78.8	
MW02D	7/26/2012 6:09	0	0.1	20.9	79	
MW02D	8/17/2012 7:01	0.9	0.6	19.6	78.9	
MW02D	8/29/2012 8:48	0	0.3	20.3	79.4	
MW02D	9/12/2012 6:11	0	0.7	19.2	80.1	
MW02D	9/27/2012 7:12	0	0.9	18.5	80.6	
MW02D	10/10/2012 5:49	0	2.8	15.1	82.1	
MW02D	10/24/2012 6:29	0	3.2	13.1	83.7	
MW02D	11/14/2012 6:15	0	4.9	11.4	83.7	
MW02D	11/30/2012 6:19	0	6.1	9.4	84.5	
MW02D	12/13/2012 6:14	1.4	6.4	14.6	77.6	
MW02D	12/26/2012 6:24	0	0.9	20.8	78.3	
MW02M	1/12/2012 15:06	38.1	12	0	49.9	
MW02M	1/26/2012 12:12	50.2	12.8	0	37	
MW02M	2/14/2012 17:14	47.8	15.1	0	37.1	
MW02M	2/23/2012 13:27	55	16	0	29	
MW02M	3/9/2012 7:45	52.4	16.9	0	30.7	
MW02M	3/29/2012 6:13	56.5	12.4	0	31.1	
MW02M	4/13/2012 7:23	52.4	14.5	0	33.1	
MW02M	4/24/2012 7:36	55.1	15.3	0.4	29.2	
MW02M	5/11/2012 7:17	42.4	10.5	0	47.1	
MW02M	5/22/2012 6:31	12.6	1.9	18.7	66.8	
MW02M	6/8/2012 6:28	0.6	0.3	20.7	78.4	
MW02M	6/22/2012 6:38	8.6	1.5	19.1	70.8	
MW02M	7/10/2012 6:38	0	0.1	20.8	79.1	
MW02M	7/26/2012 6:12	2.6	8.2	7	82.2	
MW02M	8/17/2012 7:02	0	0.9	20.4	78.7	
MW02M	8/29/2012 8:51	1.5	1.5	17.8	79.2	
MW02M	9/12/2012 6:14	1.5	9	9.6	79.9	
MW02M	9/27/2012 7:14	1.3	8.7	6.3	83.7	
MW02M	10/10/2012 5:51	0.7	10	9	80.3	
MW02M	10/24/2012 6:31	1	9.3	8.6	81.1	

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GEM ID	Date Time	CH4 % by vol	CO2 % by vol	O2 % by vol	Bal Gas % by vol	Comment
MW02M	11/14/2012 6:17	1	6	11.3	81.7	
MW02M	11/30/2012 6:21	2.4	7.4	7	83.2	
MW02M	12/13/2012 6:12	1.6	0.9	16.4	81.1	
MW02M	12/26/2012 6:26	0.8	3.4	17.5	78.3	
MW02S	1/12/2012 15:08	5.4	15.2	0	79.4	
MW02S	1/26/2012 12:14	5.3	15.4	0	79.3	
MW02S	2/14/2012 17:15	3.6	14	0	82.4	
MW02S	2/23/2012 13:25	4.9	12.8	0	82.3	
MW02S	3/9/2012 7:42	4.7	13	0	82.3	
MW02S	3/29/2012 6:15	4.9	13.1	0	82	
MW02S	4/13/2012 7:24	5.2	11.1	0	83.7	
MW02S	4/24/2012 7:38	4.5	12.6	0	82.9	
MW02S	5/11/2012 7:19	4.3	13.1	0	82.6	
MW02S	5/22/2012 6:33	4.5	13.5	0	82	
MW02S	6/8/2012 6:30	4.6	14.1	0.1	81.2	
MW02S	6/22/2012 6:39	4.9	13.3	1	80.8	
MW02S	7/10/2012 6:41	4	5.1	12.3	78.6	
MW02S	7/26/2012 6:14	3.3	13.6	1.1	82	
MW02S	8/17/2012 7:04	0.2	6.1	14.6	79.1	
MW02S	8/29/2012 8:52	1	11.1	3.6	84.3	
MW02S	9/12/2012 6:16	0.6	11.3	4.8	83.3	
MW02S	9/27/2012 7:15	0.4	8.8	6.3	84.5	
MW02S	10/10/2012 5:52	0.6	11.9	5.2	82.3	
MW02S	10/24/2012 6:32	0.4	9.4	9.1	81.1	
MW02S	11/14/2012 6:18	0.8	10.8	5.1	83.3	
MW02S	11/30/2012 6:22	1.7	13.4	2.3	82.6	
MW02S	12/13/2012 6:13	1.1	2.6	15.1	81.2	
MW02S	12/26/2012 6:27	1.5	12.4	1.1	85	
MW03D	1/12/2012 15:13	4.9	12	8.5	74.6	
MW03D	1/26/2012 12:17	5.6	18.4	2.3	73.7	
MW03D	2/14/2012 17:20	5	20	0.5	74.5	
MW03D	2/23/2012 13:33	8.1	19.7	0.2	72	
MW03D	3/9/2012 7:48	8.5	20.9	0.2	70.4	
MW03D	3/29/2012 6:21	8.9	22.6	0	68.5	
MW03D	4/13/2012 7:40	9	21.5	0.9	68.6	
MW03D	4/24/2012 7:42	8.2	21.5	1.7	68.6	
MW03D	5/11/2012 7:22	7.5	21	2.3	69.2	
MW03D	5/22/2012 6:37	6.8	19.8	3.8	69.6	
MW03D	6/8/2012 6:32	6.7	19	4.3	70	
MW03D	6/22/2012 6:42	6.7	18.9	4.1	70.3	
MW03D	7/10/2012 6:44	4.7	7.5	14.6	73.2	
MW03D	7/26/2012 6:17	4.1	17	4.6	74.3	
MW03D	8/17/2012 5:53	0	2.4	19.5	78.1	
MW03D	8/29/2012 6:08	1.2	14.8	6.6	77.4	

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GEM ID	Date Time	CH4 % by vol	CO2 % by vol	O2 % by vol	Bal Gas % by vol	Comment
MW03D	9/12/2012 6:18	2.5	16.1	5.7	75.7	
MW03D	9/27/2012 7:17	0.9	12.9	8.1	78.1	
MW03D	10/10/2012 5:55	1.2	15	6.6	77.2	
MW03D	10/24/2012 6:34	1.8	15.7	5.5	77	
MW03D	11/14/2012 6:20	2	16.5	4.5	77	
MW03D	11/30/2012 6:24	2.4	17.3	3.4	76.9	
MW03D	12/13/2012 6:15	3.2	16.8	2.6	77.4	
MW03D	12/26/2012 6:03	3.5	18.8	2.3	75.4	
MW03M	1/12/2012 15:14	7.7	26.2	0	66.1	
MW03M	1/26/2012 12:20	4.2	27.1	0	68.7	
MW03M	2/14/2012 17:21	3.5	25	0	71.5	
MW03M	2/23/2012 13:36	2.9	23.5	0	73.6	
MW03M	3/9/2012 7:50	3.6	22.8	0	73.6	
MW03M	3/29/2012 6:23	4.7	23.8	0	71.5	
MW03M	4/13/2012 7:42	4.8	22.8	0	72.4	
MW03M	4/24/2012 7:44	4.2	22.7	0	73.1	
MW03M	5/11/2012 7:24	3	21.7	0	75.3	
MW03M	5/22/2012 6:39	2.8	21.5	0	75.7	
MW03M	6/8/2012 6:34	1.1	7.5	13.7	77.7	
MW03M	6/22/2012 6:44	3.2	18.7	0.9	77.2	
MW03M	7/10/2012 6:46	3.4	19.9	0.3	76.4	
MW03M	7/26/2012 6:19	3.9	21.4	0	74.7	
MW03M	8/17/2012 5:54	0.2	9.8	14.8	75.2	
MW03M	8/29/2012 6:10	1.9	18.4	3.1	76.6	
MW03M	9/12/2012 6:20	2.5	7.9	13.3	76.3	
MW03M	9/27/2012 7:19	1	8	12.8	78.2	
MW03M	10/10/2012 5:57	1.3	10.5	10.7	77.5	
MW03M	10/24/2012 6:36	1.3	10.6	11.5	76.6	
MW03M	11/14/2012 6:22	2	6.6	15.1	76.3	
MW03M	11/30/2012 6:25	1.3	15.5	3.5	79.7	
MW03M	12/13/2012 6:17	3	19.8	4.4	72.8	
MW03M	12/26/2012 6:04	2.9	20.1	3.3	73.7	
MW03S	1/12/2012 15:16	0	0.5	20.6	78.9	
MW03S	1/26/2012 12:22	0.1	21.8	0	78.1	
MW03S	2/14/2012 17:23	0	4.3	20.4	75.3	
MW03S	2/23/2012 13:37	0	3.4	19.5	77.1	
MW03S	3/9/2012 7:52	0	0.8	20.7	78.5	
MW03S	3/29/2012 6:26	0	2.2	19.8	78	
MW03S	4/13/2012 8:14	0	0.7	20.6	78.7	
MW03S	4/24/2012 7:46	0	0.6	21	78.4	
MW03S	5/11/2012 7:27	0	3.7	17.2	79.1	
MW03S	5/22/2012 6:41	0	1	20.2	78.8	
MW03S	6/8/2012 6:37	0	0.2	20.8	79	
MW03S	6/22/2012 6:46	0	0.3	20.8	78.9	

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MW03S	7/10/2012 6:48	0	0.3	20.7	79	
MW03S	7/26/2012 6:21	0	0.8	20.4	78.8	
MW03S	8/17/2012 5:55	0	2.4	18.6	79	
MW03S	8/29/2012 6:13	0	4.6	17.3	78.1	
MW03S	9/12/2012 6:22	0	3.9	18.4	77.7	
MW03S	9/27/2012 7:21	0	3.3	17.8	78.9	
MW03S	10/10/2012 5:59	0	5.1	16.7	78.2	
MW03S	10/24/2012 6:39	0	0.2	20.9	78.9	
MW03S	11/14/2012 6:24	0.2	0.4	20.5	78.9	
MW03S	11/30/2012 6:26	0	7.5	13.5	79	
MW03S	12/13/2012 6:18	0	1.8	20.7	77.5	
MW03S	12/26/2012 6:06	0	0.6	20.8	78.6	
MW04D	1/12/2012 15:20	0	0.4	20.5	79.1	
MW04D	1/26/2012 12:27	0	0.6	20.8	78.6	
MW04D	2/14/2012 17:28	0	0.7	20.9	78.4	
MW04D	2/23/2012 13:42	0	0.5	20.4	79.1	
MW04D	3/9/2012 7:56	0	0.2	20.9	78.9	
MW04D	3/29/2012 6:30	0	0.5	21.6	77.9	
MW04D	4/13/2012 7:51	0.3	6.8	18.7	74.2	
MW04D	4/24/2012 7:52	0	3	18.5	78.5	
MW04D	5/11/2012 7:31	0	2.3	18.7	79	
MW04D	5/22/2012 6:45	0	0.2	20.8	79	
MW04D	6/8/2012 6:43	0	2.8	16	81.2	
MW04D	6/22/2012 6:50	0	0.1	20.9	79	
MW04D	7/10/2012 6:51	0	0.2	20.8	79	
MW04D	7/26/2012 6:25	0	0.2	20.9	78.9	
MW04D	8/17/2012 5:59	0	0.3	17	82.7	
MW04D	8/29/2012 6:17	0	0.2	20.7	79.1	
MW04D	9/12/2012 6:27	0	2.2	16.5	81.3	
MW04D	9/27/2012 7:26	0	3.1	16.3	80.6	
MW04D	10/10/2012 6:03	0.2	7.4	8.8	83.6	
MW04D	10/24/2012 6:42	1.2	12.9	3.6	82.3	
MW04D	11/14/2012 6:27	1.1	0.7	20.3	77.9	
MW04D	11/30/2012 6:29	0.5	17.5	0.1	81.9	
MW04D	12/13/2012 6:21	0.3	0.5	13.2	86	
MW04D	12/26/2012 6:09	0.6	1	10	88.4	
MW04M	1/12/2012 15:21	8.4	21.6	0	70	
MW04M	1/26/2012 12:29	6.5	22.7	0	70.8	
MW04M	2/14/2012 17:29	4.5	18.5	0	77	
MW04M	2/23/2012 13:44	4.9	19.1	0	76	
MW04M	3/9/2012 7:59	3.7	19.1	0	77.2	
MW04M	3/29/2012 6:32	4	19.4	0	76.6	
MW04M	4/13/2012 8:00	0	1.8	20.4	77.8	
MW04M	4/24/2012 7:50	0	0.2	20.9	78.9	

**Table 1. LFG Monitoring Probe Test Results
January Through December 2012
Eastgate Area Property Landfill**

GEM ID	Date Time	CH4 % by vol	CO2 % by vol	O2 % by vol	Bal Gas % by vol	Comment
MW04M	5/11/2012 7:34	2	17.2	0.1	80.7	
MW04M	5/22/2012 6:47	1.8	17.1	0	81.1	
MW04M	6/8/2012 6:41	1.6	16.2	0.9	81.3	
MW04M	6/22/2012 6:51	1.8	16.7	0	81.5	
MW04M	7/10/2012 6:53	1.7	16.5	0.1	81.7	
MW04M	7/26/2012 6:26	1.8	16.8	0	81.4	
MW04M	8/17/2012 6:00	2	16.4	0.3	81.3	
MW04M	8/29/2012 6:18	2.2	17.2	0	80.6	
MW04M	9/12/2012 6:28	2.4	17.1	0	80.5	
MW04M	9/27/2012 7:26	0.2	8.8	6.8	84.2	
MW04M	10/10/2012 6:05	1.1	16.1	2.1	80.7	
MW04M	10/24/2012 6:44	0	0.5	20.8	78.7	
MW04M	11/14/2012 6:28	0.2	9.7	9.6	80.5	
MW04M	11/30/2012 6:31	3.5	17.6	0.7	78.2	
MW04M	12/13/2012 6:22	4.8	16.5	0.4	78.3	
MW04M	12/26/2012 6:10	3.2	17.1	1.2	78.5	
MW04S	1/12/2012 15:23	0.3	16.7	0	83	
MW04S	1/26/2012 12:31	0.3	16.6	0	83.1	
MW04S	2/14/2012 17:32	0	14.7	0	85.3	
MW04S	2/23/2012 13:46	0.1	10.9	0	89	
MW04S	3/9/2012 8:01	0.1	13.8	0	86.1	
MW04S	3/29/2012 6:34	0.1	13.4	0	86.5	
MW04S	4/13/2012 7:59	0	6.4	7.9	85.7	
MW04S	4/24/2012 7:52	0	4.2	13.4	82.4	
MW04S	5/11/2012 7:36	0	12.7	3.2	84.1	
MW04S	5/22/2012 6:49	0	11.8	7.2	81	
MW04S	6/8/2012 6:43	0	12.8	1.1	86.1	
MW04S	6/22/2012 6:53	0	12.9	3.3	83.8	
MW04S	7/10/2012 6:54	0	13.8	1.8	84.4	
MW04S	7/26/2012 6:28	0	15	0.4	84.6	
MW04S	8/17/2012 6:02	0	16	0	84	
MW04S	8/29/2012 6:20	0.1	16.6	0	83.3	
MW04S	9/12/2012 6:29	0.1	17.5	0	82.4	
MW04S	9/27/2012 7:28	0.2	17.4	0.5	81.9	
MW04S	10/10/2012 6:07	0.2	18.4	0	81.4	
MW04S	10/24/2012 6:45	0.3	18	0.2	81.5	
MW04S	11/14/2012 6:30	0.4	16.6	1	82	
MW04S	11/30/2012 6:32	0	0.6	20.7	78.7	
MW04S	12/13/2012 6:23	0.6	15.3	0.1	84	
MW04S	12/26/2012 6:11	0.6	15.5	0.4	83.5	
MW05D	1/12/2012 15:25	0	3.9	3.8	92.3	
MW05D	1/26/2012 10:43	0	5.5	3	91.5	
MW05D	2/14/2012 17:35	0	6	1.6	92.4	
MW05D	2/23/2012 13:57	0	3.2	1.2	95.6	

**Table 1. LFG Monitoring Probe Test Results
January Through December 2012
Eastgate Area Property Landfill**

GEM ID	Date Time	CH4 % by vol	CO2 % by vol	O2 % by vol	Bal Gas % by vol	Comment
MW05D	3/9/2012 8:04	0	3.7	1.1	95.2	
MW05D	3/29/2012 6:37	0	3.9	0	96.1	
MW05D	4/13/2012 8:03	0	3.2	0.6	96.2	
MW05D	4/24/2012 7:55	0	3.2	2.8	94	
MW05D	5/11/2012 7:40	0	2.7	2.4	94.9	
MW05D	5/22/2012 6:52	0	1.4	18.9	79.7	
MW05D	6/8/2012 6:46	0	3	6.8	90.2	
MW05D	6/22/2012 6:56	0	3.1	3.8	93.1	
MW05D	7/10/2012 6:57	0	3.3	3.3	93.4	
MW05D	7/26/2012 6:31	0	0.5	20.5	79	
MW05D	8/17/2012 6:05	0	1.8	19.3	78.9	
MW05D	8/29/2012 6:24	0	1.3	19.8	78.9	
MW05D	9/12/2012 6:32	0	1.9	13.2	84.9	
MW05D	9/27/2012 7:30	0	3	7.1	89.9	
MW05D	10/10/2012 6:10	0	3.7	5.4	90.9	
MW05D	10/24/2012 6:48	0	3.9	4.7	91.4	
MW05D	11/14/2012 6:32	0	3.5	3.3	93.2	
MW05D	11/30/2012 6:35	0	2.9	2.9	94.2	
MW05D	12/13/2012 6:26	0	5.3	1.2	93.5	
MW05D	12/26/2012 6:14	0	3.6	1.6	94.8	
MW05S	1/12/2012 15:26	0	13.9	0	86.1	
MW05S	1/26/2012 10:44	0	11	0	89	
MW05S	2/14/2012 17:36	0	12.2	0	87.8	
MW05S	2/23/2012 14:00	0	13.2	0.1	86.7	
MW05S	3/9/2012 8:07	0	12.8	0.2	87	
MW05S	3/29/2012 6:39	0	11.9	0	88.1	
MW05S	4/13/2012 8:05	0	10.6	0	89.4	
MW05S	4/24/2012 7:57	0	12	0.7	87.3	
MW05S	5/11/2012 7:42	0	12.6	1.7	85.7	
MW05S	5/22/2012 6:54	0	12.8	2.6	84.6	
MW05S	6/8/2012 6:48	0	13.5	1.7	84.8	
MW05S	6/22/2012 6:57	0	13.8	1	85.2	
MW05S	7/10/2012 6:59	0	14.4	0.6	85	
MW05S	7/26/2012 6:33	0	15.4	0.5	84.1	
MW05S	8/17/2012 6:06	0	15.8	0.7	83.5	
MW05S	8/29/2012 6:25	0	16.6	0.5	82.9	
MW05S	9/12/2012 6:34	0	17.2	0.1	82.7	
MW05S	9/27/2012 7:32	0	17	0.6	82.4	
MW05S	10/10/2012 6:12	0	18.1	0	81.9	
MW05S	10/24/2012 6:50	0	17.1	0.6	82.3	
MW05S	11/14/2012 6:34	0	15.5	1.6	82.9	
MW05S	11/30/2012 6:36	0	14.7	1.3	84	
MW05S	12/13/2012 6:27	0	12.3	0.7	87	
MW05S	12/26/2012 6:15	0	12.3	0.9	86.8	

**Table 1. LFG Monitoring Probe Test Results
January Through December 2012
Eastgate Area Property Landfill**

GEM ID	Date Time	CH4 % by vol	CO2 % by vol	O2 % by vol	Bal Gas % by vol	Comment
MW06D	1/12/2012 15:29	0	3.3	14.9	81.8	
MW06D	1/26/2012 10:47	0	5.7	12.2	82.1	
MW06D	2/14/2012 17:40	0	7.3	11.8	80.9	
MW06D	2/23/2012 13:51	0	1.8	12.2	86	
MW06D	3/9/2012 8:10	0	2	12.9	85.1	
MW06D	3/29/2012 6:44	0	1.9	16.2	81.9	
MW06D	4/13/2012 8:09	0	1.6	16.3	82.1	
MW06D	4/24/2012 8:02	0	1.2	15.6	83.2	
MW06D	5/11/2012 7:45	0	1	16.8	82.2	
MW06D	5/22/2012 7:00	0	1.5	14.8	83.7	
MW06D	6/8/2012 6:52	0	2.2	13.9	83.9	
MW06D	6/22/2012 7:06	0	2.3	17.2	80.5	
MW06D	7/10/2012 7:02	0	1.4	16.5	82.1	
MW06D	7/26/2012 6:37	0	2	16.1	81.9	
MW06D	8/17/2012 6:09	0	4.2	16.9	78.9	
MW06D	8/29/2012 6:29	0	4	17.2	78.8	
MW06D	9/12/2012 6:38	0	3.6	17.9	78.5	
MW06D	9/27/2012 7:34	0	3.3	15.9	80.8	
MW06D	10/10/2012 6:21	0	3.1	15	81.9	
MW06D	10/24/2012 6:54	0	2.9	15.5	81.6	
MW06D	11/14/2012 6:39	0	2.9	15.7	81.4	
MW06D	11/30/2012 6:40	0	2.7	15.3	82	
MW06D	12/13/2012 6:31	0	5.2	15.1	79.7	
MW06D	12/26/2012 6:18	0	3.8	15.1	81.1	
MW06S	1/12/2012 15:30	0	1.8	20	78.2	
MW06S	1/26/2012 10:49	0	2.4	19.3	78.3	
MW06S	2/14/2012 17:41	0	4.1	19	76.9	
MW06S	2/23/2012 13:53	0	1.4	19.4	79.2	
MW06S	3/9/2012 8:12	0	1.5	19.8	78.7	
MW06S	3/29/2012 6:45	0	1.7	19.9	78.4	
MW06S	4/13/2012 8:10	0	1.7	19.1	79.2	
MW06S	4/24/2012 8:04	0	2.1	18.6	79.3	
MW06S	5/11/2012 7:47	0	2.2	19	78.8	
MW06S	5/22/2012 6:59	0	2.4	18.8	78.8	
MW06S	6/8/2012 6:53	0	2.8	17.7	79.5	
MW06S	6/22/2012 7:07	0	3	17.6	79.4	
MW06S	7/10/2012 7:04	0	3.2	17	79.8	
MW06S	7/26/2012 6:38	0	3.9	16.8	79.3	
MW06S	8/17/2012 6:10	0	3.9	17.7	78.4	
MW06S	8/29/2012 6:31	0	3.9	17.4	78.7	
MW06S	9/12/2012 6:39	0	3	19.1	77.9	
MW06S	9/27/2012 7:36	0	3.5	17.3	79.2	
MW06S	10/10/2012 6:23	0	2.9	18.9	78.2	
MW06S	10/24/2012 6:55	0	2.6	18.8	78.6	

**Table 1. LFG Monitoring Probe Test Results
January Through December 2012
Eastgate Area Property Landfill**

GEM ID	Date Time	CH4 % by vol	CO2 % by vol	O2 % by vol	Bal Gas % by vol	Comment
MW06S	11/14/2012 6:40	0	2.5	19.2	78.3	
MW06S	11/30/2012 6:41	0	2.1	19.1	78.8	
MW06S	12/13/2012 6:32	0	2.2	19.8	78	
MW06S	12/26/2012 6:19	0	1.7	19.7	78.6	
MW08D	1/12/2012 15:34	0	1.2	20.5	78.3	
MW08D	1/26/2012 10:14	0	2.2	19.6	78.2	
MW08D	2/14/2012 14:55	0	2.8	20.5	76.7	
MW08D	2/23/2012 14:05	0	3.3	19.1	77.6	
MW08D	3/9/2012 8:29	0	0.8	20.1	79.1	
MW08D	3/29/2012 6:48	0	0.8	21	78.2	
MW08D	4/13/2012 9:32	0	0.7	19.9	79.4	
MW08D	4/24/2012 8:08	0	0.6	20.3	79.1	
MW08D	5/11/2012 8:16	0	0.6	20.5	78.9	
MW08D	5/22/2012 6:17	0	0.9	19.6	79.5	
MW08D	6/8/2012 6:17	0	0.7	20.4	78.9	
MW08D	6/22/2012 6:25	0	0.7	20.6	78.7	
MW08D	7/10/2012 6:25	0	0.7	20.7	78.6	
MW08D	7/26/2012 7:08	0	1.1	20.1	78.8	
MW08D	8/17/2012 6:55	0	0.4	20.8	78.8	
MW08D	8/29/2012 6:40	0	0.4	20.8	78.8	
MW08D	9/12/2012 7:27	0	1.9	18.8	79.3	
MW08D	9/27/2012 7:44	0	1.8	19.4	78.8	
MW08D	10/10/2012 6:35	0	0.6	20.8	78.6	
MW08D	10/24/2012 7:05	0	0.7	20.6	78.7	
MW08D	11/14/2012 6:48	0	0.8	20.9	78.3	
MW08D	11/30/2012 7:32	0	0.7	20.9	78.4	
MW08D	12/13/2012 7:33	0	1.8	20.5	77.7	
MW08D	12/26/2012 7:44	0	1.5	19.9	78.6	
MW08M	1/12/2012 15:36	0	2	19.9	78.1	
MW08M	1/26/2012 10:15	0	1.2	20.6	78.2	
MW08M	2/14/2012 14:56	0	1.7	19.6	78.7	
MW08M	2/23/2012 14:07	0	2.1	17.4	80.5	
MW08M	3/9/2012 8:31	0	2.5	17.5	80	
MW08M	3/29/2012 6:50	0	3	17.5	79.5	
MW08M	4/13/2012 9:29	0	2.4	16.7	80.9	
MW08M	4/24/2012 8:10	0	2.9	16.8	80.3	
MW08M	5/11/2012 8:19	0	2.9	16.9	80.2	
MW08M	5/22/2012 6:19	0	2.1	18	79.9	
MW08M	6/8/2012 6:20	0	2.2	18.1	79.7	
MW08M	6/22/2012 6:27	0	1.9	18.4	79.7	
MW08M	7/10/2012 6:27	0	1.3	19.3	79.4	
MW08M	7/26/2012 7:10	0	1.4	18.8	79.8	
MW08M	8/17/2012 6:56	0	1.8	20	78.2	
MW08M	8/29/2012 6:43	0	0.1	20.9	79	

**Table 1. LFG Monitoring Probe Test Results
January Through December 2012
Eastgate Area Property Landfill**

GEM ID	Date Time	CH4 % by vol	CO2 % by vol	O2 % by vol	Bal Gas % by vol	Comment
MW08M	9/12/2012 7:28	0	1.3	19.2	79.5	
MW08M	9/27/2012 7:47	0	0.6	20.3	79.1	
MW08M	10/10/2012 6:37	0	0.6	19.8	79.6	
MW08M	10/24/2012 7:07	0	1.1	19.6	79.3	
MW08M	11/14/2012 6:49	0	2.9	17.9	79.2	
MW08M	11/30/2012 7:33	0	3.4	17.3	79.3	
MW08M	12/13/2012 7:34	0	2.5	17.3	80.2	
MW08M	12/26/2012 7:45	0	2.3	17.1	80.6	
MW08S	1/12/2012 15:37	0	2.7	19	78.3	
MW08S	1/26/2012 10:16	0	0.7	20.8	78.5	
MW08S	2/14/2012 14:57	0	2.2	14.9	82.9	
MW08S	2/23/2012 14:09	0	6.5	6.6	86.9	
MW08S	3/9/2012 8:33	0	1.4	13.6	85	
MW08S	3/29/2012 6:52	0	2.9	19	78.1	
MW08S	4/13/2012 9:31	0	1.1	20	78.9	
MW08S	4/24/2012 8:11	0	0.8	20.5	78.7	
MW08S	5/11/2012 8:20	0	1.3	20.2	78.5	
MW08S	5/22/2012 6:20	0	8.1	9.3	82.6	
MW08S	6/8/2012 6:21	0	13.8	3.8	82.4	
MW08S	6/22/2012 6:29	0	14.1	3.1	82.8	
MW08S	7/10/2012 6:30	0	13.3	4.6	82.1	
MW08S	7/26/2012 7:11	0	8.7	11.1	80.2	
MW08S	8/17/2012 6:58	0	10.6	9.8	79.6	
MW08S	8/29/2012 6:44	0	10	11.2	78.8	
MW08S	9/12/2012 7:30	0	9.1	13.1	77.8	
MW08S	9/27/2012 7:49	0	9	12.8	78.2	
MW08S	10/10/2012 6:38	0	9.1	13.1	77.8	
MW08S	10/24/2012 7:08	0	8.6	13.2	78.2	
MW08S	11/14/2012 6:51	0	6.7	14.8	78.5	
MW08S	11/30/2012 7:34	0	7.2	14	78.8	
MW08S	12/13/2012 7:35	0	6.3	13.5	80.2	
MW08S	12/26/2012 7:46	0	4.8	14.3	80.9	
MW09D	1/12/2012 15:51	0	1.3	20.9	77.8	
MW09D	1/26/2012 9:58	0.6	3	20.2	76.2	
MW09D	2/14/2012 15:01	0	3.5	20.4	76.1	
MW09D	2/23/2012 14:13	0	2.7	19.8	77.5	
MW09D	3/9/2012 8:51	0	2.4	19.9	77.7	
MW09D	3/29/2012 6:55	0	2.9	19	78.1	
MW09D	3/30/2012 10:34	0.3	2	20.4	77.3	
MW09D	4/13/2012 9:35	0	0.7	19	80.3	
MW09D	4/24/2012 8:15	0	1	19.7	79.3	
MW09D	5/11/2012 8:24	0	1	19.9	79.1	
MW09D	5/22/2012 6:06	0	1.3	20.2	78.5	
MW09D	6/8/2012 6:08	0	1.2	20.1	78.7	

**Table 1. LFG Monitoring Probe Test Results
January Through December 2012
Eastgate Area Property Landfill**

GEM ID	Date Time	CH4 % by vol	CO2 % by vol	O2 % by vol	Bal Gas % by vol	Comment
MW09D	6/22/2012 6:14	0	0.9	20.2	78.9	
MW09D	7/10/2012 6:13	0	1.1	20.2	78.7	
MW09D	7/26/2012 6:57	0	1.2	20	78.8	
MW09D	8/17/2012 6:37	0	0.6	20.4	79	
MW09D	8/29/2012 6:58	0	0.9	20.3	78.8	
MW09D	9/12/2012 7:34	0	0.8	20.8	78.4	
MW09D	9/27/2012 8:04	0.1	1.2	20.7	78	
MW09D	10/10/2012 7:00	0	0.7	20.5	78.8	
MW09D	10/24/2012 7:31	0	1.9	20.2	77.9	
MW09D	11/14/2012 7:12	0	1.1	20.5	78.4	
MW09D	11/30/2012 7:41	0	1.2	20.6	78.2	
MW09D	12/13/2012 7:44	0.1	6	19.5	74.4	
MW09D	12/26/2012 7:49	0	1.6	19.9	78.5	
MW09M	1/12/2012 15:53	0	5.1	0	94.9	
MW09M	1/26/2012 10:00	0.1	3.4	0	96.5	
MW09M	2/14/2012 15:02	0	3	6.4	90.6	
MW09M	2/23/2012 14:14	0	1	14	85	
MW09M	3/9/2012 8:53	0	1.2	15.7	83.1	
MW09M	3/30/2012 10:36	0.1	1.9	17.9	80.1	
MW09M	4/13/2012 9:37	0	0.6	18.5	80.9	
MW09M	4/24/2012 8:17	0	1.2	19.6	79.2	
MW09M	5/11/2012 8:26	0	1.3	19.8	78.9	
MW09M	5/22/2012 6:08	0	1.3	20.1	78.6	
MW09M	6/8/2012 6:09	0	1.1	20.1	78.8	
MW09M	6/22/2012 6:15	0	1.2	19.7	79.1	
MW09M	7/10/2012 6:14	0	1.6	19.6	78.8	
MW09M	7/26/2012 6:59	0	1.2	19.8	79	
MW09M	8/17/2012 6:39	0	1	20.3	78.7	
MW09M	8/29/2012 7:00	0	0.7	20.5	78.8	
MW09M	9/12/2012 7:35	0	0.9	20.8	78.3	
MW09M	9/27/2012 8:07	0	0.6	17.9	81.5	
MW09M	10/10/2012 7:02	0	0.4	19.2	80.4	
MW09M	10/24/2012 7:32	0	2	12.2	85.8	
MW09M	11/14/2012 7:13	0	2.7	9.3	88	
MW09M	11/30/2012 7:42	0	4.7	1.1	94.2	
MW09M	12/13/2012 7:45	0	2.2	5.6	92.2	
MW09M	12/26/2012 7:50	0	1.2	6.8	92	
MW09S	1/12/2012 15:54	0	11.7	2.8	85.5	
MW09S	1/26/2012 10:01	0.2	5	8.8	86	
MW09S	2/14/2012 15:04	0	2.9	15.6	81.5	
MW09S	2/23/2012 14:17	0	1.5	18.7	79.8	
MW09S	3/9/2012 8:54	0	1.1	18.4	80.5	
MW09S	3/30/2012 10:38	0	1.6	20.8	77.6	
MW09S	4/13/2012 9:39	0	1.3	19	79.7	

**Table 1. LFG Monitoring Probe Test Results
January Through December 2012
Eastgate Area Property Landfill**

GEM ID	Date Time	CH4 % by vol	CO2 % by vol	O2 % by vol	Bal Gas % by vol	Comment
MW09S	4/24/2012 8:18	0	1.1	19.9	79	
MW09S	5/11/2012 8:28	0	1.1	20.5	78.4	
MW09S	5/22/2012 6:10	0	0.5	20.8	78.7	
MW09S	6/8/2012 6:10	0	2.6	16.6	80.8	
MW09S	6/22/2012 6:16	0	10.2	8.5	81.3	
MW09S	7/10/2012 6:16	0	13.2	6.7	80.1	
MW09S	7/26/2012 7:01	0	12.1	10.1	77.8	
MW09S	8/17/2012 6:40	0	9.2	12.6	78.2	
MW09S	8/29/2012 7:01	0	8.9	13.3	77.8	
MW09S	9/12/2012 7:37	0	8	14.4	77.6	
MW09S	9/27/2012 8:08	0	7.1	15	77.9	
MW09S	10/10/2012 7:04	0	7.1	15.3	77.6	
MW09S	10/24/2012 7:33	0	6.3	15.3	78.4	
MW09S	11/14/2012 7:15	0	8	9	83	
MW09S	11/30/2012 7:44	0	8.3	8.7	83	
MW09S	12/13/2012 7:46	0	3.7	15.5	80.8	
MW09S	12/26/2012 7:51	0	1.9	18.1	80	
MW10D	1/12/2012 15:56	0	1.3	20.6	78.1	
MW10D	1/26/2012 10:03	0.2	6.2	18.9	74.7	
MW10D	2/14/2012 15:06	0	3	20	77	
MW10D	2/23/2012 14:28	0	1	20.2	78.8	
MW10D	3/9/2012 8:59	0	1.5	20.3	78.2	
MW10D	3/30/2012 10:40	0	1.6	21	77.4	
MW10D	4/13/2012 9:42	0	0.5	19.9	79.6	
MW10D	4/24/2012 8:21	0	0.6	20.7	78.7	
MW10D	5/11/2012 8:30	0	0.6	20.7	78.7	
MW10D	5/22/2012 6:12	0	0.4	20.8	78.8	
MW10D	6/8/2012 6:12	0	0.9	20.9	78.2	
MW10D	6/22/2012 6:18	0	0.8	20.8	78.4	
MW10D	7/10/2012 6:19	0	1.1	20.7	78.2	
MW10D	7/26/2012 7:03	0	0.9	20.4	78.7	
MW10D	8/17/2012 6:34	0	0.6	20.8	78.6	
MW10D	8/29/2012 7:07	0	0.8	20.5	78.7	
MW10D	9/12/2012 7:40	0	0.9	20.8	78.3	
MW10D	9/27/2012 8:10	0	1	20.6	78.3	
MW10D	10/10/2012 7:07	0	1	20.5	78.5	
MW10D	10/24/2012 7:35	0	1.5	20.5	78	
MW10D	11/14/2012 7:17	0	1.4	20.4	78.2	
MW10D	11/30/2012 7:46	0	1.2	20.7	78.1	
MW10D	12/13/2012 7:48	0	3.1	20.6	76.3	
MW10D	12/26/2012 7:54	0	1.6	20.1	78.3	
MW10S	1/12/2012 15:57	0	12.8	6	81.2	
MW10S	1/26/2012 10:05	0	3.8	19.6	76.6	
MW10S	2/14/2012 15:07	0	3.1	20.8	76.1	

**Table 1. LFG Monitoring Probe Test Results
January Through December 2012
Eastgate Area Property Landfill**

GEM ID	Date Time	CH4 % by vol	CO2 % by vol	O2 % by vol	Bal Gas % by vol	Comment
MW10S	2/23/2012 14:29	0	0.6	20.4	79	
MW10S	3/9/2012 9:00	0	1.4	20.3	78.3	
MW10S	3/30/2012 10:42	0	1.9	19.4	78.7	
MW10S	4/13/2012 9:43	0	0.4	19.5	80.1	
MW10S	4/24/2012 8:22	0	0.6	20.4	79	
MW10S	5/11/2012 8:32	0	0.5	20.5	79	
MW10S	5/22/2012 6:13	0	0.4	20.8	78.8	
MW10S	6/8/2012 6:14	0	1	20.7	78.3	
MW10S	6/22/2012 6:20	0	20.6	4.1	75.3	
MW10S	7/10/2012 6:20	0	20.8	3.7	75.5	
MW10S	7/26/2012 7:05	0	18.2	6.2	75.6	
MW10S	8/17/2012 6:31	0	15.5	7.6	76.9	
MW10S	8/29/2012 7:09	0	13.8	9.2	77	
MW10S	9/12/2012 7:42	0	12.3	10.9	76.8	
MW10S	9/27/2012 8:12	0	9.9	12.3	77.7	
MW10S	10/10/2012 7:09	0	10.5	11.9	77.6	
MW10S	10/24/2012 7:36	0	7.3	13.2	79.5	
MW10S	11/14/2012 7:18	0	15.2	0.8	84	
MW10S	11/30/2012 7:47	1	14.4	0.4	84.2	
MW10S	12/13/2012 7:49	0	2.2	20.8	77	
MW10S	12/26/2012 7:54	0	1.3	20.2	78.5	
MW12D	1/12/2012 15:42	0	8.8	14.6	76.6	
MW12D	1/26/2012 10:22	0	8.2	14.6	77.2	
MW12D	2/14/2012 15:13	0	1.6	20.9	77.5	
MW12D	2/23/2012 14:40	0	3.5	16.7	79.8	
MW12D	3/9/2012 8:41	0	7.6	12.3	80.1	
MW12D	3/30/2012 10:46	0	7.5	10.5	82	
MW12D	4/13/2012 9:48	0	8.4	8.3	83.3	
MW12D	4/24/2012 8:27	0	8.9	8.9	82.2	
MW12D	5/11/2012 8:38	0	8.1	13.2	78.7	
MW12D	5/22/2012 5:56	0	7.1	15.7	77.2	
MW12D	6/8/2012 5:56	0	5.9	16.5	77.6	
MW12D	6/22/2012 6:06	0	5.2	16.3	78.5	
MW12D	7/10/2012 6:03	0	5.3	16.1	78.6	
MW12D	7/26/2012 6:49	0	5.4	15.5	79.1	
MW12D	8/17/2012 6:17	0	5.7	15.3	79	
MW12D	8/29/2012 7:24	0	6.3	14.8	78.9	
MW12D	9/12/2012 8:01	0	7	14.9	78.1	
MW12D	9/27/2012 8:26	0	6.7	15.4	77.8	
MW12D	10/10/2012 7:34	0	7	15.3	77.7	
MW12D	10/24/2012 8:03	0	7	15.1	77.9	
MW12D	11/14/2012 7:40	0	6.9	15.2	77.9	
MW12D	11/30/2012 8:07	0.1	7	15	77.9	
MW12D	12/13/2012 8:02	0.2	8.1	14.1	77.6	

**Table 1. LFG Monitoring Probe Test Results
January Through December 2012
Eastgate Area Property Landfill**

GEM ID	Date Time	CH4 % by vol	CO2 % by vol	O2 % by vol	Bal Gas % by vol	Comment
MW12D	12/26/2012 8:10	0.1	6.3	13.1	80.5	
MW12M	1/12/2012 15:44	0	8.9	14.1	77	
MW12M	1/26/2012 10:21	0	6.9	13.3	79.8	
MW12M	2/14/2012 15:16	0	8.2	11.2	80.6	
MW12M	2/23/2012 14:44	0	10	8.9	81.1	
MW12M	3/9/2012 8:44	0	10	8.9	81.1	
MW12M	3/30/2012 10:47	0	10.2	6.3	83.5	
MW12M	4/13/2012 9:50	0	10.8	4.7	84.5	
MW12M	4/24/2012 8:28	0	11.4	6.1	82.5	
MW12M	5/11/2012 8:40	0	11.3	9.5	79.2	
MW12M	5/22/2012 5:58	0	11.1	10	78.9	
MW12M	6/8/2012 5:58	0	10.6	10.9	78.5	
MW12M	6/22/2012 6:08	0	9.1	12.5	78.4	
MW12M	7/10/2012 6:06	0	9.4	12.4	78.2	
MW12M	7/26/2012 6:51	0	8.7	13	78.3	
MW12M	8/17/2012 6:19	0	7.4	14.7	77.9	
MW12M	8/29/2012 7:26	0	7.3	14.9	77.8	
MW12M	9/12/2012 8:02	0	7	15.4	77.6	
MW12M	9/27/2012 8:28	0	6.2	15.6	78.1	
MW12M	10/10/2012 7:36	0	7.3	14.6	78.1	
MW12M	10/24/2012 8:05	0	7	14.6	78.4	
MW12M	11/14/2012 7:42	0	7.6	13.4	79	
MW12M	11/30/2012 8:09	0	8.5	11.8	79.7	
MW12M	12/13/2012 8:04	0.1	7.8	10.7	81.4	
MW12M	12/26/2012 8:11	0.1	9.2	9.3	81.4	
MW12S	1/12/2012 15:47	0	7.1	13.8	79.1	
MW12S	1/26/2012 10:23	0	6.7	15.4	77.9	
MW12S	2/14/2012 15:16	0	8.8	12	79.2	
MW12S	2/23/2012 14:47	0	5.4	14	80.6	
MW12S	3/9/2012 8:46	0	6.1	12.4	81.5	
MW12S	3/30/2012 10:49	0	6.6	9.6	83.8	
MW12S	4/13/2012 9:52	0	6.5	9.9	83.6	
MW12S	4/24/2012 8:30	0	5.1	15.3	79.6	
MW12S	5/11/2012 8:42	0	7.3	12	80.7	
MW12S	5/22/2012 6:00	0	5.6	16.1	78.3	
MW12S	6/8/2012 6:00	0	5.6	15.8	78.6	
MW12S	6/22/2012 6:10	0	2.7	17.6	79.7	
MW12S	7/10/2012 6:08	0	4	17.7	78.3	
MW12S	7/26/2012 6:53	0	4	17.3	78.7	
MW12S	8/17/2012 6:20	0	2.7	19	78.3	
MW12S	8/29/2012 7:28	0	2.3	19	78.7	
MW12S	9/12/2012 8:04	0	2.6	18.7	78.7	
MW12S	9/27/2012 8:29	0	3.5	17.6	78.8	
MW12S	10/10/2012 7:38	0	4.3	17.1	78.6	

**Table 1. LFG Monitoring Probe Test Results
January Through December 2012
Eastgate Area Property Landfill**

GEM ID	Date Time	CH4 % by vol	CO2 % by vol	O2 % by vol	Bal Gas % by vol	Comment
MW12S	10/24/2012 8:06	0	3.6	17.3	79.1	
MW12S	11/14/2012 7:44	0	6.7	12.3	81	
MW12S	11/30/2012 8:10	0	8.5	9.7	81.8	
MW12S	12/13/2012 8:05	0	4	13.8	82.2	
MW12S	12/26/2012 8:13	0	5.9	12.4	81.7	
MW13D	1/12/2012 14:27	0	2.9	15	82.1	
MW13D	1/26/2012 10:55	0	1.5	20.4	78.1	
MW13D	2/14/2012 14:16	0	4.1	19	76.9	
MW13D	2/23/2012 13:44	0	4.7	16.2	79.1	
MW13D	3/9/2012 9:48	0	3.2	15.4	81.4	
MW13D	3/30/2012 9:53	0	2.1	14.6	83.3	
MW13D	4/13/2012 8:28	0	2.4	13.6	84	
MW13D	4/24/2012 9:22	0	1.9	15.8	82.3	
MW13D	5/11/2012 8:55	0	2.1	15.7	82.2	
MW13D	5/22/2012 7:41	0	1.6	16.8	81.6	
MW13D	6/8/2012 7:40	0	1.4	17.5	81.1	
MW13D	6/22/2012 7:22	0	1.9	16.6	81.5	
MW13D	7/10/2012 7:33	0	0.4	20.1	79.5	
MW13D	7/26/2012 8:12	0	0.9	18.9	80.2	
MW13D	8/17/2012 7:16	0	0.4	20.5	79.1	
MW13D	8/29/2012 9:06	0	0.3	20.3	79.4	
MW13D	9/12/2012 9:14	0	0.2	20	79.8	
MW13D	9/27/2012 10:25	0	0.5	19.7	79.8	
MW13D	10/10/2012 8:28	0	0.5	20.5	79	
MW13D	10/24/2012 8:30	0	0.8	20.3	78.9	
MW13D	11/14/2012 8:20	0	1	19.9	79.1	
MW13D	11/30/2012 9:04	0	1.9	18.7	79.4	
MW13D	12/13/2012 8:38	0.1	2.7	17.4	79.8	
MW13D	12/26/2012 9:12	0	1.9	17.1	81	
MW13M	1/12/2012 14:29	0	2.8	16.2	81	
MW13M	1/26/2012 10:56	0	0.8	20.6	78.6	
MW13M	2/14/2012 14:17	0	2.7	16	81.3	
MW13M	2/23/2012 13:45	0	3	15	82	
MW13M	3/9/2012 9:49	0	2.4	20.4	77.2	
MW13M	3/30/2012 9:55	0	0.8	17.1	82.1	
MW13M	4/13/2012 8:30	0	3.5	14.1	82.4	
MW13M	4/24/2012 9:24	0	3.7	14.2	82.1	
MW13M	5/11/2012 8:57	0	3.9	14.5	81.6	
MW13M	5/22/2012 7:42	0	4	14.4	81.6	
MW13M	6/8/2012 7:42	0	4	14.9	81.1	
MW13M	6/22/2012 7:24	0	3.9	15.1	81	
MW13M	7/10/2012 7:35	0	3.9	15.2	80.9	
MW13M	7/26/2012 8:14	0	3.8	15.4	80.8	
MW13M	8/17/2012 7:17	0	3	16.7	80.3	

**Table 1. LFG Monitoring Probe Test Results
January Through December 2012
Eastgate Area Property Landfill**

GEM ID	Date Time	CH4 % by vol	CO2 % by vol	O2 % by vol	Bal Gas % by vol	Comment
MW13M	8/29/2012 9:08	0	3.1	16.6	80.3	
MW13M	9/12/2012 9:16	0	2.8	16.8	80.4	
MW13M	9/27/2012 10:26	0	3.3	16.1	80.6	
MW13M	10/10/2012 8:30	0	3.6	16.7	79.7	
MW13M	10/24/2012 8:31	0	3.6	16.7	79.7	
MW13M	11/14/2012 8:21	0	3.9	16.4	79.7	
MW13M	11/30/2012 9:05	0	4.1	16.6	79.3	
MW13M	12/13/2012 8:39	0	3.6	16.9	79.5	
MW13M	12/26/2012 9:13	0	4.2	15.9	79.9	
MW13S	1/12/2012 14:30	0	0.4	20.8	78.8	
MW13S	1/26/2012 10:57	0	4.7	11.3	84	
MW13S	2/14/2012 14:19	0	3.9	11.7	84.4	
MW13S	2/23/2012 13:47	0	5.4	10.9	83.7	
MW13S	3/9/2012 9:50	0	4.2	11.3	84.5	
MW13S	3/30/2012 9:57	0	5.2	11.2	83.6	
MW13S	4/13/2012 8:33	0	5.2	10.7	84.1	
MW13S	4/24/2012 9:26	0	5.5	10.8	83.7	
MW13S	5/11/2012 8:59	0	5.6	10.7	83.7	
MW13S	5/22/2012 7:44	0	5.8	10.3	83.9	
MW13S	6/8/2012 7:44	0	5.8	10.6	83.6	
MW13S	6/22/2012 7:26	0	5.6	10.7	83.7	
MW13S	7/10/2012 7:37	0	5.7	10.4	83.9	
MW13S	7/26/2012 8:16	0	5.8	10.3	83.9	
MW13S	8/17/2012 7:19	0	5.6	10.8	83.6	
MW13S	8/29/2012 9:10	0	6.1	10.2	83.7	
MW13S	9/12/2012 9:18	0	6.2	10.4	83.4	
MW13S	9/27/2012 10:27	0	6	10.6	83.4	
MW13S	10/10/2012 8:31	0	6.6	11	82.4	
MW13S	10/24/2012 8:33	0	6.7	11.2	82.1	
MW13S	11/14/2012 8:23	0	6.8	11.1	82.1	
MW13S	11/30/2012 9:07	0	6.8	11.3	81.9	
MW13S	12/13/2012 8:41	0	5.4	11.6	83	
MW13S	12/26/2012 9:14	0	6.2	11.2	82.6	
MW14D	1/12/2012 14:33	0	0.8	19	80.2	
MW14D	1/26/2012 11:02	0	3	19.1	77.9	
MW14D	2/14/2012 14:21	0	4.8	17	78.2	
MW14D	2/23/2012 13:50	0	3.4	17.9	78.7	
MW14D	3/9/2012 9:52	0	2.5	18	79.5	
MW14D	3/30/2012 10:00	0	1.6	14.2	84.2	
MW14D	4/13/2012 8:35	0	1.5	14.4	84.1	
MW14D	4/24/2012 9:15	0	1.4	16	82.6	
MW14D	5/11/2012 9:02	0	0.6	19.1	80.3	
MW14D	5/22/2012 7:47	0	0.8	18.2	81	
MW14D	6/8/2012 7:46	0	0.8	18.5	80.7	

**Table 1. LFG Monitoring Probe Test Results
January Through December 2012
Eastgate Area Property Landfill**

GEM ID	Date Time	CH4 % by vol	CO2 % by vol	O2 % by vol	Bal Gas % by vol	Comment
MW14D	6/22/2012 7:28	0	0.7	18.7	80.6	
MW14D	7/10/2012 7:40	0	0.6	19.2	80.2	
MW14D	7/26/2012 8:19	0	0.9	18.2	80.9	
MW14D	8/17/2012 7:21	0	0.7	19	80.3	
MW14D	8/29/2012 9:14	0	0.2	19.9	79.9	
MW14D	9/12/2012 9:21	0	0.7	18.9	80.4	
MW14D	9/27/2012 10:29	0	0.9	18.1	81	
MW14D	10/10/2012 8:34	0	1.1	18.3	80.6	
MW14D	10/24/2012 8:35	0	1.2	18.7	80.1	
MW14D	11/14/2012 8:27	0	1.6	17.6	80.8	
MW14D	11/30/2012 9:09	0	2.5	15.5	82	
MW14D	12/13/2012 8:43	0	1.4	19.4	79.2	
MW14D	12/26/2012 9:16	0	1.5	17.5	81	
MW14M	1/12/2012 14:35	0	2.3	13.2	84.5	
MW14M	1/26/2012 11:04	0	1.3	16	82.7	
MW14M	2/14/2012 14:23	0	2.4	12.3	85.3	
MW14M	2/23/2012 13:51	0	2	11.8	86.2	
MW14M	3/9/2012 9:53	0	1.8	11.8	86.4	
MW14M	3/30/2012 10:01	0	1	13.3	85.7	
MW14M	4/13/2012 8:38	0	2.1	12.3	85.6	
MW14M	4/24/2012 9:17	0	2.5	11.6	85.9	
MW14M	5/11/2012 9:04	0	2.7	12	85.3	
MW14M	5/22/2012 7:49	0	2.8	12.1	85.1	
MW14M	6/8/2012 7:48	0	2.7	12.9	84.4	
MW14M	6/22/2012 7:30	0	2.7	12.9	84.4	
MW14M	7/10/2012 7:42	0	2.7	13.2	84.1	
MW14M	7/26/2012 8:21	0	2.7	13.5	83.8	
MW14M	8/17/2012 7:23	0	2.4	14	83.6	
MW14M	8/29/2012 9:16	0	2.8	13.4	83.8	
MW14M	9/12/2012 9:23	0	2.8	13.7	83.5	
MW14M	9/27/2012 10:31	0	2.5	13.8	83.7	
MW14M	10/10/2012 8:35	0	2.8	14.2	83	
MW14M	10/24/2012 8:36	0	2.7	14.1	83.2	
MW14M	11/14/2012 8:28	0	2.8	14.2	83	
MW14M	11/30/2012 9:10	0	3.1	14	82.9	
MW14M	12/13/2012 8:44	0	2.1	14.1	83.8	
MW14M	12/26/2012 9:18	0	2.8	13.2	84	
MW14S	1/12/2012 14:37	0	3.2	13.9	82.9	
MW14S	1/26/2012 11:05	0	2.2	13.6	84.2	
MW14S	2/14/2012 14:25	0	2.6	14	83.4	
MW14S	2/23/2012 13:54	0	2	13.7	84.3	
MW14S	3/9/2012 9:54	0	2.3	16.5	81.2	
MW14S	3/30/2012 10:03	0	1.8	15.8	82.4	
MW14S	4/13/2012 8:41	0	0.5	19.6	79.9	

**Table 1. LFG Monitoring Probe Test Results
January Through December 2012
Eastgate Area Property Landfill**

GEM ID	Date Time	CH4 % by vol	CO2 % by vol	O2 % by vol	Bal Gas % by vol	Comment
MW14S	4/24/2012 9:19	0	1.4	17.2	81.4	
MW14S	5/11/2012 9:06	0	1.6	17.8	80.6	
MW14S	5/22/2012 7:51	0	2.5	14.1	83.4	
MW14S	6/8/2012 7:50	0	3.1	14.2	82.7	
MW14S	6/22/2012 7:31	0	3.1	14.7	82.2	
MW14S	7/10/2012 7:43	0	3.3	14.8	81.9	
MW14S	7/26/2012 8:22	0	3.6	15.2	81.2	
MW14S	8/17/2012 7:24	0	3.5	16.7	79.8	
MW14S	8/29/2012 9:18	0	3.6	17.2	79.2	
MW14S	9/12/2012 9:24	0	3.5	17.5	79	
MW14S	9/27/2012 10:32	0	3	17.7	79.3	
MW14S	10/10/2012 8:37	0	3.1	18.4	78.5	
MW14S	10/24/2012 8:37	0	2.6	18.3	79.1	
MW14S	11/14/2012 8:30	0	3	15	82	
MW14S	11/30/2012 9:11	0	2.8	14.1	83.1	
MW14S	12/13/2012 8:46	0	1.9	14.6	83.5	
MW14S	12/26/2012 9:19	0	1.8	16.6	81.6	
MW15D	1/12/2012 14:39	0	5.3	9.5	85.2	
MW15D	1/26/2012 11:07	0	5.7	3.7	90.6	
MW15D	2/14/2012 14:29	0	7.5	2.6	89.9	
MW15D	2/23/2012 13:56	0	7	0.6	92.4	
MW15D	3/9/2012 9:56	0	9.3	0.3	90.4	
MW15D	3/30/2012 10:05	0.1	8.4	0.5	91	
MW15D	4/13/2012 8:44	0.4	8.7	0	90.9	
MW15D	4/24/2012 9:08	0.4	9.4	0	90.2	
MW15D	5/11/2012 9:09	0	9.4	0.7	89.9	
MW15D	5/22/2012 7:54	0	9	2.4	88.6	
MW15D	6/8/2012 7:52	0	8	3.8	88.2	
MW15D	6/22/2012 7:34	0	7.8	3.9	88.3	
MW15D	7/10/2012 7:46	0	6.8	5.3	87.9	
MW15D	7/26/2012 8:25	0	6.9	4.8	88.3	
MW15D	8/17/2012 7:27	0	6.8	5	88.2	
MW15D	8/29/2012 9:21	0	6.2	5.8	88	
MW15D	9/12/2012 9:26	0	6.7	5.7	87.6	
MW15D	9/27/2012 10:34	0	6.2	6.2	87.6	
MW15D	10/10/2012 8:40	0	6.9	6.1	87	
MW15D	10/24/2012 8:40	0	6.9	6.2	86.9	
MW15D	11/14/2012 8:35	0	7.1	6.1	86.8	
MW15D	11/30/2012 9:14	0	7	6.3	86.7	
MW15D	12/13/2012 8:48	0	4.7	6.9	88.4	
MW15D	12/26/2012 9:21	0	7	6.1	86.9	
MW15M	1/12/2012 14:40	6.9	3.2	0	89.9	
MW15M	1/26/2012 11:08	6.9	4.2	0	88.9	
MW15M	2/14/2012 14:31	5.1	3.9	0	91	

**Table 1. LFG Monitoring Probe Test Results
January Through December 2012
Eastgate Area Property Landfill**

GEM ID	Date Time	CH4 % by vol	CO2 % by vol	O2 % by vol	Bal Gas % by vol	Comment
MW15M	2/23/2012 13:58	7.3	4.3	0	88.4	
MW15M	3/9/2012 10:00	7.7	3.2	0	89.1	
MW15M	3/30/2012 10:07	7.5	3.2	0.2	89.1	
MW15M	4/13/2012 8:46	7.9	3.1	0	89	
MW15M	4/24/2012 9:09	7.8	3	0	89.2	
MW15M	5/11/2012 9:11	8.2	3.1	0	88.7	
MW15M	5/22/2012 7:56	3.9	1.6	12.9	81.6	
MW15M	6/8/2012 7:54	0.8	2.2	3.6	93.4	
MW15M	6/22/2012 7:36	4.6	2.1	8.3	85	
MW15M	7/10/2012 7:49	0	0.3	20.3	79.4	
MW15M	7/26/2012 8:27	3.9	2.4	3.7	90	
MW15M	8/17/2012 7:28	0.3	1.9	12.4	85.4	
MW15M	8/29/2012 9:23	0	0.2	20.4	79.4	
MW15M	9/12/2012 9:28	2.5	2.5	4.8	90.2	
MW15M	9/27/2012 10:35	0.5	2.1	5.8	91.6	
MW15M	10/10/2012 8:42	1.2	2.7	3.1	93	
MW15M	10/24/2012 8:41	1.6	2.8	4.3	91.3	
MW15M	11/14/2012 8:37	1	2.7	2	94.3	
MW15M	11/30/2012 9:15	3.8	3.1	0.3	92.8	
MW15M	12/13/2012 8:51	3.1	4	0.5	92.4	
MW15M	12/26/2012 9:23	3	2.9	1.3	92.8	
MW15S	1/12/2012 14:42	0	5.6	9.6	84.8	
MW15S	1/26/2012 11:09	2.1	6.5	0	91.4	
MW15S	2/14/2012 14:33	0.9	4.1	0	95	
MW15S	2/23/2012 14:00	1.4	4.1	0	94.5	
MW15S	3/9/2012 10:02	0.1	4.8	0	95.1	
MW15S	3/30/2012 10:09	0	4.1	0.2	95.7	
MW15S	4/13/2012 8:48	0	4.2	0	95.8	
MW15S	4/24/2012 9:12	0	5.2	0	94.8	
MW15S	5/11/2012 9:13	0	5.3	0	94.7	
MW15S	5/22/2012 7:59	0	1.5	14.6	83.9	
MW15S	6/8/2012 7:55	0	5.6	9	85.4	
MW15S	6/22/2012 7:37	0	5.7	11.4	82.9	
MW15S	7/10/2012 7:51	0	5.5	13.9	80.6	
MW15S	7/26/2012 8:28	0	5.6	13.7	80.7	
MW15S	8/17/2012 7:30	0	5.6	13.5	80.9	
MW15S	8/29/2012 9:25	0	5.3	13.6	81.1	
MW15S	9/12/2012 9:29	0	4.7	14.3	81	
MW15S	9/27/2012 10:36	0	3.7	14.1	82.2	
MW15S	10/10/2012 8:43	0	3.8	14.1	82.1	
MW15S	10/24/2012 8:42	0	3.6	12.1	84.3	
MW15S	11/14/2012 8:38	0	5.1	5	89.9	
MW15S	11/30/2012 9:16	0	4.7	1.6	93.7	
MW15S	12/13/2012 8:50	0	3.4	0.2	96.4	

**Table 1. LFG Monitoring Probe Test Results
January Through December 2012
Eastgate Area Property Landfill**

GEM ID	Date Time	CH4 % by vol	CO2 % by vol	O2 % by vol	Bal Gas % by vol	Comment
MW15S	12/26/2012 9:24	0	4.6	0.3	95.1	
MW16D	1/12/2012 14:44	0	0.3	20.9	78.8	
MW16D	1/26/2012 11:12	0	2.9	17.2	79.9	
MW16D	2/14/2012 14:36	0	3.3	14	82.7	
MW16D	2/23/2012 14:06	0.3	4.7	12	83	
MW16D	3/9/2012 9:49	0	4	11	85	
MW16D	3/30/2012 10:12	0	3.8	11.7	84.5	
MW16D	4/13/2012 8:52	0	3.6	12.1	84.3	
MW16D	4/24/2012 8:52	0	3.5	12.3	84.2	
MW16D	5/11/2012 9:16	0	3.7	12.3	84	
MW16D	5/22/2012 8:01	0	3.9	11.2	84.9	
MW16D	6/8/2012 7:58	0	3.9	11.2	84.9	
MW16D	6/22/2012 7:40	0	4.2	10.3	85.5	
MW16D	7/10/2012 7:56	0	4	10.5	85.5	
MW16D	7/26/2012 8:31	0	3.7	10.8	85.5	
MW16D	8/17/2012 7:32	0	3.6	11.3	85.1	
MW16D	8/29/2012 9:32	0	0.3	20.4	79.3	
MW16D	9/12/2012 9:36	0	3	12.8	84.2	
MW16D	9/27/2012 10:43	0	3.6	11	85.4	
MW16D	10/10/2012 8:45	0	3.8	11.4	84.8	
MW16D	10/24/2012 8:45	0	3.6	12.1	84.3	
MW16D	11/14/2012 8:43	0	3.6	11.9	84.5	
MW16D	11/30/2012 9:19	0	3.2	13.4	83.4	
MW16D	12/13/2012 8:56	0	2.1	13.6	84.3	
MW16D	12/26/2012 9:27	0	3.5	12.1	84.4	
MW16M	1/12/2012 14:45	0	3.1	14.8	82.1	
MW16M	1/26/2012 11:13	0	3.1	13	83.9	
MW16M	2/14/2012 14:40	0	3.5	13	83.5	
MW16M	2/23/2012 14:08	0.1	4.3	12.1	83.5	
MW16M	3/9/2012 9:51	0	4.2	12	83.8	
MW16M	3/30/2012 10:14	0	3.1	12.7	84.2	
MW16M	4/13/2012 8:54	0	3.4	12.1	84.5	
MW16M	4/24/2012 8:54	0	3.9	11.4	84.7	
MW16M	5/11/2012 9:18	0	4.1	10.5	85.4	
MW16M	5/22/2012 8:03	0	4.6	8.9	86.5	
MW16M	6/8/2012 8:00	0	4.5	8.6	86.9	
MW16M	6/22/2012 7:41	0	4.5	8.5	87	
MW16M	7/10/2012 7:58	0	4.3	9.4	86.3	
MW16M	7/26/2012 8:32	0	4.1	10.7	85.2	
MW16M	8/17/2012 7:34	0	4.4	10.8	84.8	
MW16M	8/29/2012 9:34	0	0.3	20.5	79.2	
MW16M	9/12/2012 9:38	0	3.9	13.1	83	
MW16M	9/27/2012 10:44	0	4	13.2	82.8	
MW16M	10/10/2012 8:47	0	4.4	13.7	81.9	

**Table 1. LFG Monitoring Probe Test Results
January Through December 2012
Eastgate Area Property Landfill**

GEM ID	Date Time	CH4 % by vol	CO2 % by vol	O2 % by vol	Bal Gas % by vol	Comment
MW16M	10/24/2012 8:46	0	4.2	13.7	82.1	
MW16M	11/14/2012 8:45	0	4.1	13.7	82.2	
MW16M	11/30/2012 9:20	0	3.9	13.9	82.2	
MW16M	12/13/2012 8:57	0	2.6	13.2	84.2	
MW16M	12/26/2012 9:29	0	4.3	12.2	83.5	
MW16S	1/12/2012 14:47	0	2.4	18.8	78.8	
MW16S	1/26/2012 11:16	0	3.6	17	79.4	
MW16S	2/14/2012 14:44	0	3.1	18.8	78.1	
MW16S	2/23/2012 14:09	0.1	3.8	16.8	79.3	
MW16S	3/9/2012 9:53	0	2.6	16.9	80.5	
MW16S	3/30/2012 10:16	0	4.4	13.4	82.2	
MW16S	4/13/2012 8:56	0	4.6	12.4	83	
MW16S	4/24/2012 8:55	0	2.6	17.5	79.9	
MW16S	5/11/2012 9:20	0	3	18.3	78.7	
MW16S	5/22/2012 8:05	0	2.1	18.4	79.5	
MW16S	6/8/2012 8:02	0	1.5	19.4	79.1	
MW16S	6/22/2012 7:43	0	2.3	18.5	79.2	
MW16S	7/10/2012 8:00	0	0.9	19.8	79.3	
MW16S	7/26/2012 8:34	0	1.7	19	79.3	
MW16S	8/17/2012 7:36	0	1	19.5	79.5	
MW16S	8/29/2012 9:36	0	0.9	19.6	79.5	
MW16S	9/12/2012 9:40	0	0.9	19.8	79.3	
MW16S	9/27/2012 10:46	0	1.3	19.1	79.6	
MW16S	10/10/2012 8:49	0	0.8	20.4	78.8	
MW16S	10/24/2012 8:47	0	0.6	20.5	78.9	
MW16S	11/14/2012 8:46	0	2.6	17.9	79.5	
MW16S	11/30/2012 9:22	0	2.9	17	80.1	
MW16S	12/13/2012 8:58	0	2.1	18.5	79.4	
MW16S	12/26/2012 9:30	0	3	17.1	79.9	
MW17D	1/12/2012 14:50	0	4.7	13.4	81.9	
MW17D	1/26/2012 11:18	0	3.7	12.5	83.8	
MW17D	2/14/2012 14:46	0	2.5	13.5	84	
MW17D	2/23/2012 14:12	0	3.8	12.8	83.4	
MW17D	3/9/2012 9:40	0	4.5	12.3	83.2	
MW17D	3/30/2012 10:19	0	4.8	13.2	82	
MW17D	4/13/2012 9:17	0	5.2	11.9	82.9	
MW17D	4/24/2012 8:45	0	5.1	11.9	83	
MW17D	5/11/2012 9:23	0	5.1	11.6	83.3	
MW17D	5/22/2012 8:08	0	5.2	11.3	83.5	
MW17D	6/8/2012 8:04	0	4.9	11.5	83.6	
MW17D	6/22/2012 7:45	0	4.9	11.2	83.9	
MW17D	7/10/2012 8:02	0	4.7	11.2	84.1	
MW17D	7/26/2012 8:37	0	4.8	11.1	84.1	
MW17D	8/17/2012 7:38	0	5.2	16	78.8	

**Table 1. LFG Monitoring Probe Test Results
January Through December 2012
Eastgate Area Property Landfill**

GEM ID	Date Time	CH4 % by vol	CO2 % by vol	O2 % by vol	Bal Gas % by vol	Comment
MW17D	8/29/2012 9:39	0	4.6	11.3	84.1	
MW17D	9/12/2012 9:42	0	4.8	11.6	83.6	
MW17D	9/27/2012 10:50	0	4.8	11.6	83.6	
MW17D	10/10/2012 8:16	0	5	11.7	83.3	
MW17D	10/24/2012 8:49	0	4.5	12.2	83.3	
MW17D	11/14/2012 8:49	0	4.9	12	83.1	
MW17D	11/30/2012 9:24	0	4.8	12.6	82.6	
MW17D	12/13/2012 9:00	0	3	13.4	83.6	
MW17D	12/26/2012 9:32	0	4.6	13	82.4	
MW17M	1/12/2012 14:51	0	3.5	17.8	78.7	
MW17M	1/26/2012 11:19	0	4.3	16.8	78.9	
MW17M	2/14/2012 14:48	0	2.6	20.8	76.6	
MW17M	2/23/2012 14:13	0	4.1	19	76.9	
MW17M	3/9/2012 9:43	0	3.4	16.3	80.3	
MW17M	3/30/2012 10:21	0	4.1	14.6	81.3	
MW17M	4/13/2012 9:18	0	5.5	11.8	82.7	
MW17M	4/24/2012 8:47	0	6.5	11.8	81.7	
MW17M	5/11/2012 9:25	0	5.9	13.9	80.2	
MW17M	5/22/2012 8:10	0	6.4	12.8	80.8	
MW17M	6/8/2012 8:05	0	6.7	13.4	79.9	
MW17M	6/22/2012 7:47	0	6	14.6	79.4	
MW17M	7/10/2012 8:04	0	5.7	14.9	79.4	
MW17M	7/26/2012 8:38	0	5.3	15.6	79.1	
MW17M	8/17/2012 7:40	0	4.7	11.3	84	
MW17M	8/29/2012 9:40	0	0.5	20.4	79.1	
MW17M	9/12/2012 9:43	0	3.4	18.1	78.5	
MW17M	9/27/2012 10:48	0	3.1	18	78.9	
MW17M	10/10/2012 8:17	0	3.3	18.2	78.5	
MW17M	10/24/2012 8:51	0	3	18.5	78.5	
MW17M	11/14/2012 8:50	0	3.3	17.6	79.1	
MW17M	11/30/2012 9:25	0	3.7	17.5	78.8	
MW17M	12/13/2012 9:01	0	3.2	17.5	79.3	
MW17M	12/26/2012 9:33	0	3.6	16.7	79.7	
MW17S	1/12/2012 14:53	0	2	19.3	78.7	
MW17S	1/26/2012 11:20	0	3.6	17.9	78.5	
MW17S	2/14/2012 14:49	0	1.7	17.1	81.2	
MW17S	2/23/2012 14:14	0	2.7	15.9	81.4	
MW17S	3/9/2012 9:45	0	5.3	14.8	79.9	
MW17S	3/30/2012 10:22	0	6.6	11.8	81.6	
MW17S	4/13/2012 9:20	0	7.1	10.8	82.1	
MW17S	4/24/2012 8:49	0	0.4	20.7	78.9	
MW17S	5/11/2012 9:27	0	5.8	14.7	79.5	
MW17S	5/22/2012 8:12	0	6.2	14.4	79.4	
MW17S	6/8/2012 8:07	0	5.9	15.3	78.8	

**Table 1. LFG Monitoring Probe Test Results
January Through December 2012
Eastgate Area Property Landfill**

GEM ID	Date Time	CH4 % by vol	CO2 % by vol	O2 % by vol	Bal Gas % by vol	Comment
MW17S	6/22/2012 7:49	0	5.4	15.6	79	
MW17S	7/10/2012 8:05	0	5.3	15.8	78.9	
MW17S	7/26/2012 8:40	0	5	16.3	78.7	
MW17S	8/17/2012 7:41	0	4.2	17.1	78.7	
MW17S	8/29/2012 9:41	0	2.3	18.4	79.3	
MW17S	9/12/2012 9:45	0	2.8	18.7	78.5	
MW17S	9/27/2012 10:51	0	2.8	18.2	79	
MW17S	10/10/2012 8:19	0	2.9	18.6	78.5	
MW17S	10/24/2012 8:52	0	2.9	18.4	78.7	
MW17S	11/14/2012 8:52	0	3.7	17	79.3	
MW17S	11/30/2012 9:26	0	4	16.6	79.4	
MW17S	12/13/2012 9:02	0	3.5	17.3	79.2	
MW17S	12/26/2012 9:34	0	4.1	16.2	79.7	
Field Technician and Weather Conditions						
Technician	Date	Ambient Temp (deg F)	Baro Press (in -Hg)	General Weather	Wind Speed	
SDG	01/12/12	36	29.93	Partly Cloudy	Calm	
SDG	01/26/12	41	29.96	Cloudy	Calm	
SDG	02/14/12	40	29.41	Raining	Calm	
SDG	02/23/12	36	29.85	Cloudy	Calm	
BB	03/09/12	50	29.84	Cloudy	Calm	
SDG	03/09/12	50	29.7	Cloudy	Calm	
BB	03/29/12	46	29.27	Raining	Calm	
BB	03/30/12	49	29.24	Raining	Calm	
BB	04/13/12	52	29.45	Clear	Calm	
BB	04/24/12	61	29.45	Cloudy	Calm	
BB	05/11/12	51	29.91	Clear	Calm	
BB	05/22/12	56	29.5	Raining	Breezy Wind	
BB	06/08/12	54	29.54	Cloudy	Calm	
BB	06/22/12	60	29.37	Cloudy	Calm	
BB	07/10/12	52	29.75	Cloudy	Calm	
BB	07/26/12	66	29.54	Clear	Calm	
BB	08/17/12	69	29.5	Clear	Calm	
BB	08/29/12	64	29.66	Cloudy	Calm	
BB	09/12/12	56	29.89	Clear	Calm	
BB	09/27/12	57	29.64	Clear	Calm	
BB	10/10/12	53	29.74	Cloudy	Calm	
BB	10/24/12	49	29.6	Partly Cloudy	Calm	
BB	11/14/12	51	29.95	Raining	Calm	
BB	11/30/12	51	29.12	Raining	Calm	
BB	12/13/12	44	29.76	Cloudy	Calm	
BB	12/26/12	39	29.46	Raining	Calm	

**Table 2. LFG Extraction Well Monitoring Results
January Through December 2012
Eastgate Area Properties Landfill**

Name	Date Time	CH4 % by vol	CO2 % by vol	O2% by vol	Bal Gas % by vol	Static Pressure In. H2O	System Pressure In. H2O	Temp	Comment
EW02R	1/13/2012 7:53	1.9	16.1	4.2	77.8	-4.8	-6.49	31	Fully Open.
EW02R	1/26/2012 9:04	27.6	25.5	0	46.9	-1.6	-1.65	48	Fully Open.
EW02R	2/14/2012 16:03	44.6	28.4	0	27	-0.5	-0.63	45	Fully Open.
EW02R	2/23/2012 15:10	50.8	26.3	0	22.9	0	-0.06	46	Fully Open.
EW02R	3/9/2012 8:24	42.3	25	0	32.7	-0.3	-0.35	52	Fully Open.
EW02R	3/30/2012 11:10	4.8	3	17.9	74.3	-1	-1	41	
EW02R	4/13/2012 10:39	5.9	15.5	3.6	75	-5.5	-5.97	50	
EW02R	4/24/2012 11:12	2.1	14.2	5.3	78.4	-5.7	-6.42	50	
EW02R	5/11/2012 10:54	1.6	9.9	9.4	79.1	-3.1	-2.89	50	
EW02R	5/22/2012 10:03	1	13.7	5.7	79.6	-7.7	-9.15	58	
EW02R	6/8/2012 9:28	1.5	15.1	3.4	80	-2.6	-2.73	58	
EW02R	6/22/2012 10:20	1.1	14.9	3.7	80.3	-6.5	-7.45	66	
EW02R	7/10/2012 10:15	1.4	14.5	4.5	79.6	-8.8	-11.44	62	
EW02R	7/26/2012 10:14	1	13.9	4.3	80.8	-7.1	-10.46	68	
EW02R	8/17/2012 8:54	1.1	14.1	4.7	80.1	-7.6	-9.91	68	
EW02R	8/29/2012 7:56	1.2	14.5	5.1	79.2	-7.7	-9.92	66	
EW02R	9/12/2012 8:29	1.3	14.8	5.1	78.8	-7.7	-9.97	68	
EW02R	9/27/2012 8:52	1.6	14.9	4.5	79	-4.6	-5.59	56	
EW02R	10/10/2012 9:03	1.7	14.9	5.2	78.2	-4.5	-5.54	59	
EW02R	10/24/2012 10:38	2.5	14.6	5.9	77	-1.9	-2.04	55	
EW02R	11/14/2012 9:03	7.2	18.3	1.8	72.7	-0.8	-0.88	56	
EW02R	11/30/2012 9:39	1.3	10.2	8.6	79.9	-0.4	-0.42	52	
EW02R	12/13/2012 9:13	12.8	19.2	0.7	67.3	-0.1	-0.18	44	
EW02R	12/26/2012 9:43	10.7	19.3	1.1	68.9	-0.5	-0.56	42	
EW03R	1/13/2012 7:49	7	19	1.9	72.1	-13.8	-15.78	31	Fully Open.
EW03R	1/26/2012 8:59	7.1	20.3	0.1	72.5	-8.6	-9.1	41	Fully Open.
EW03R	2/14/2012 15:59	8.2	19	0	72.8	-8.2	-8.69	47	Fully Open.
EW03R	2/23/2012 15:16	7.2	19.1	0.1	73.6	-8.7	-9.05	55	Fully Open.
EW03R	3/9/2012 8:20	12	18.7	0	69.3	-14.5	-15.65	49	Fully Open.
EW03R	3/30/2012 11:15	12.2	18.8	0.3	68.7	-5.2	-5.57	48	No Change
EW03R	4/13/2012 10:45	1.7	4.6	15.7	78	-17.5	-19.73	50	No Change
EW03R	4/24/2012 11:16	1	16.8	2.4	79.8	-15.8	-17.36	50	No Change
EW03R	5/11/2012 11:02	0.6	14.8	4.7	79.9	-15.9	-17.24	53	No Change
EW03R	5/22/2012 10:13	0	0.3	20.2	79.5	-18.1	-18.99	57	No Change
EW03R	6/8/2012 9:37	0.6	17.7	2.3	79.4	-11.5	-12.28	53	No Change
EW03R	6/22/2012 10:30	0.7	16.9	3.6	78.8	-1.8	-2.38	64	No Change
EW03R	7/10/2012 10:24	0.9	17.6	2.7	78.8	-13	-13.74	61	No Change
EW03R	7/26/2012 10:17	1.2	17.5	2.4	78.9	-11.9	-12.73	63	No Change
EW03R	8/17/2012 8:57	1.6	17.1	3	78.3	-10.8	-11.53	71	No Change
EW03R	8/29/2012 7:59	1.7	17	3.4	77.9	-11	-11.73	69	No Change
EW03R	9/12/2012 8:32	2	16.8	3.9	77.3	-11.1	-11.88	66	No Change
EW03R	9/27/2012 8:55	2.7	17.2	3.2	76.9	-6.2	-6.56	57	No Change
EW03R	10/10/2012 9:06	3	16.8	4	76.2	-6.2	-6.58	60	No Change
EW03R	10/24/2012 10:43	2	16.6	3.6	77.8	-6.8	-7.19	53	No Change
EW03R	11/14/2012 9:06	1.8	16.8	3	78.4	-6.9	-7.4	51	No Change
EW03R	11/30/2012 9:42	6.5	19.6	0.8	73.1	-7	-7.05	51	No Change



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January Through December 2012
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Name	Date Time	CH4 % by vol	CO2 % by vol	O2% by vol	Bal Gas % by vol	Static Pressure In. H2O	System Pressure In. H2O	Temp	Comment
EW03R	12/13/2012 9:16	8	19.4	0.3	72.3	-5.8	-6.34	46	No Change
EW03R	12/26/2012 9:46	11.3	20.6	0.2	67.9	-3.5	-3.7	41	No Change
EW04R	1/13/2012 7:45	0.9	21.7	4.2	73.2	0	-28.07	31	Increased Flow; Fully Open.
EW04R	1/26/2012 8:55	2.9	13.7	7.5	75.9	-4	-30.24	42	Fully Open.
EW04R	2/14/2012 15:54	0.6	11.2	10	78.2	-4.3	-30.49	56	Fully Open.
EW04R	2/23/2012 15:22	1.5	8.6	11.1	78.8	-29.3	-30.3	65	Fully Open.
EW04R	3/9/2012 8:15	1.4	13.7	5.4	79.5	-4.4	-30.08	49	Fully Open.
EW04R	3/30/2012 11:22	1.9	10.4	11	76.7	-4	-28.6	60	No Change
EW04R	4/13/2012 10:50	0.8	9.6	11.1	78.5	-3.4	-22.7	60	No Change
EW04R	4/24/2012 11:26	0.3	10	11.2	78.5	-3.1	-17.81	52	No Change
EW04R	5/11/2012 11:06	0.3	10.2	10.6	78.9	-3.4	-24.15	56	No Change
EW04R	5/22/2012 10:17	0.1	4.4	16.4	79.1	-4.2	-27.63	55	No Change
EW04R	6/8/2012 9:41	0.3	12.7	8.5	78.5	-2.4	-13.3	56	No Change
EW04R	6/22/2012 10:34	0.2	12.4	9.4	78	-2.2	-11.71	68	No Change
EW04R	7/10/2012 10:29	0.2	13.1	8.2	78.5	-2.4	-14.95	64	Closed valve > 1 turn
EW04R	7/26/2012 10:21	0.3	13.8	7.4	78.5	-0.5	-12.74	69	No Change
EW04R	8/17/2012 9:00	0.3	15.2	6.3	78.2	-0.7	-11.48	71	No Change
EW04R	8/29/2012 8:04	0.4	16.5	5.2	77.9	-0.9	-11.69	68	No Change
EW04R	9/12/2012 8:34	0.4	16.7	5.3	77.6	-1.1	-11.81	68	No Change
EW04R	9/27/2012 8:58	0.7	18	3.6	77.7	-0.5	-6.54	58	No Change
EW04R	10/10/2012 9:09	0.8	18.9	3	77.3	-0.7	-6.56	60	No Change
EW04R	10/24/2012 10:46	0.8	17.8	4.1	77.3	-0.7	-7.16	51	No Change
EW04R	11/14/2012 9:10	0.9	17.4	4.8	76.9	-1	-9.57	53	No Change
EW04R	11/30/2012 9:45	1.9	17.1	4.6	76.4	-1	-11.7	50	No Change
EW04R	12/13/2012 9:19	1.8	16	5.7	76.5	-1.1	-11.61	45	No Change
EW04R	12/26/2012 9:50	2.4	16	5.5	76.1	-1.1	-12.43	44	No Change
EW05R	1/13/2012 7:39	8.3	15	0.6	76.1	0	-30.88	32	Fully Closed.
EW05R	1/26/2012 8:49	4.6	14.8	0	80.6	0	-30.54	45	Fully Closed.
EW05R	2/14/2012 15:50	0	14.5	0	85.5	0.1	-28.9	51	Fully Closed.
EW05R	2/23/2012 15:27	0.2	7.9	7.3	84.6	-0.2	-30.53	47	Fully Closed.
EW05R	3/9/2012 8:10	0.4	18.2	0	81.4	-0.1	-30.67	50	Fully Closed.
EW05R	3/30/2012 11:27	0.1	2.2	19.1	78.6	-0.3	-28.49	48	No Change
EW05R	4/13/2012 10:54	0	0.8	19.6	79.6	-0.8	-22.68	50	No Change
EW05R	4/24/2012 11:31	0	16.3	3.7	80	-0.5	-18.19	50	No Change
EW05R	5/11/2012 11:09	0	15.9	4.7	79.4	-0.6	-23.56	54	No Change
EW05R	5/22/2012 10:22	0	16.7	5.3	78	-1.1	-28.06	55	No Change
EW05R	6/8/2012 9:45	0.1	20.6	0.6	78.7	-0.4	-13.46	54	No Change
EW05R	6/22/2012 10:37	0.1	21.8	1.4	76.7	-0.3	-11.75	69	No Change
EW05R	7/10/2012 10:32	0.1	22.4	0.5	77	-0.4	-15.05	63	No Change
EW05R	7/26/2012 10:42	0.1	20.8	0.5	78.6	0.3	-12.78	69	No Change
EW05R	8/17/2012 9:04	0.2	21.7	0	78.1	0.1	-11.57	70	No Change
EW05R	8/29/2012 8:07	0.4	21.8	0	77.8	0	-11.81	70	No Change
EW05R	9/12/2012 8:37	0.4	21.8	0	77.8	-0.1	-11.91	67	No Change
EW05R	9/27/2012 9:01	0.8	21.7	0	77.5	0	-6.61	56	No Change
EW05R	10/10/2012 9:14	0.9	20.8	0	78.3	-0.2	-6.64	61	No Change
EW05R	10/24/2012 10:48	1	19.4	0	79.6	0	-7.24	54	No Change



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Name	Date Time	CH4 % by vol	CO2 % by vol	O2% by vol	Bal Gas % by vol	Static Pressure In. H2O	System Pressure In. H2O	Temp	Comment
EW05R	11/14/2012 9:13	0.8	17.9	0	81.3	-0.9	-9.65	54	No Change
EW05R	11/30/2012 9:47	0.8	16.6	0.9	81.7	-2.6	-11.92	51	No Change
EW05R	12/13/2012 9:25	0.3	5.6	17	77.1	0	-12.01	44	No Change
EW05R	12/26/2012 9:53	0.8	3.3	10.2	85.7	-1.6	-12.54	42	
EW06	1/13/2012 7:30	0.1	3.7	13.3	82.9	0	-31.96	35	Fully Closed.
EW06	1/26/2012 8:34	0	4.4	12.7	82.9	0	-17.42	43	Fully Closed.
EW06	2/14/2012 15:32	0	4.4	10	85.6	0	-30.07	49	Fully Closed.
EW06	2/23/2012 15:19	0	6.1	3.4	90.5	0	-26.73	55	Fully Closed.
EW06	3/9/2012 7:58	0	4.6	13.9	81.5	0	-29.7	47	Fully Closed.
EW06	3/30/2012 11:33	0	3.1	10.3	86.6	-0.8	-29.16	44	No Change
EW06	4/13/2012 11:00	0	1.5	15.8	82.7	-0.5	-22.32	45	No Change
EW06	4/24/2012 11:40	0	0.8	18.7	80.5	-0.6	-18.15	54	No Change
EW06	5/11/2012 11:17	0	1.7	16.6	81.7	-0.2	-23.67	52	No Change
EW06	5/22/2012 10:33	0	3	14.2	82.8	-0.9	-28.65	55	No Change
EW06	6/8/2012 9:53	0	4.3	12.9	82.8	-0.5	-13.33	57	No Change
EW06	6/22/2012 10:43	0	1.2	19.2	79.6	-0.2	-2.96	62	No Change
EW06	7/10/2012 10:40	0	0.4	19.9	79.7	-0.2	-15.01	69	Valve 100% Closed
EW06	7/26/2012 10:39	0	0.5	19.7	79.8	0.5	-12.83	72	No Change
EW06	8/17/2012 9:11	0	0.3	19.7	80	0.2	-11.55	72	No Change
EW06	8/29/2012 8:14	0	0.3	20.5	79.2	0	-11.83	67	No Change
EW06	9/12/2012 8:44	0	0.3	20.5	79.2	-10.4	-11.94	63	No Change
EW06	9/27/2012 9:07	0	0.5	20.4	79.1	0	-6.61	54	No Change
EW06	10/10/2012 6:42	0	0.5	20.9	78.6	-6.7	-6.69	56	No Change
EW06	10/24/2012 7:12	0	3.3	17.5	79.2	-5.1	-6.68	58	Valve 100% Closed
EW06	11/14/2012 6:55	0	4.2	11.6	84.2	-0.1	-9.23	56	No Change
EW06	11/30/2012 7:22	0	5.3	4.4	90.3	0.4	-11.78	49	No Change
EW06	12/13/2012 7:24	0	4.8	2.7	92.5	0.1	-12.23	48	Valve 100% Closed
EW06	12/26/2012 7:16	0	1.1	18.2	80.7	-0.6	-12.25	43	No Change
EW07	1/13/2012 7:26	0.1	6.3	8	85.6	0	-32.12	37	Fully Closed.
EW07	1/26/2012 8:28	0	4.6	8.8	86.6	0	-30.7	47	Fully Closed.
EW07	2/14/2012 15:27	0	3.4	7.7	88.9	0	-30.13	51	Fully Closed.
EW07	2/23/2012 15:14	0.1	5.6	6.5	87.8	0.1	-30.53	56	Fully Closed.
EW07	3/9/2012 7:53	0	3.9	6.5	89.6	0	-31.09	47	Fully Closed.
EW07	3/30/2012 11:37	0	5.1	6.1	88.8	-0.3	-29.28	44	No Change
EW07	4/13/2012 11:07	0	4.8	6.1	89.1	-0.4	-22.96	55	No Change
EW07	4/24/2012 11:44	0	0.2	20.2	79.6	-0.5	-18.51	50	No Change
EW07	5/11/2012 9:56	0	3.4	11.2	85.4	-0.5	-24.89	52	No Change
EW07	5/22/2012 9:13	0	2.6	12.8	84.6	-0.8	-27.85	57	No Change
EW07	6/8/2012 8:33	0	2.8	14.2	83	-0.7	-13.5	59	Valve 100% Closed
EW07	6/22/2012 8:14	0	1	19.1	79.9	-0.4	-11.92	69	No Change
EW07	7/10/2012 9:06	0	0.2	20.1	79.7	-0.5	-11.7	72	Valve 100% Closed
EW07	7/26/2012 9:18	0	0.3	20	79.7	0.2	-14.23	70	No Change
EW07	8/17/2012 6:51	0	0.5	20.1	79.4	-9.9	-11.8	78	No Change
EW07	8/29/2012 6:50	0	0.2	20.7	79.1	-9.6	-11.9	70	Valve 100% Closed
EW07	9/12/2012 7:04	0	2.4	18.1	79.5	-11.9	-11.98	63	No Change
EW07	9/27/2012 7:54	0	4.8	13.7	81.5	-6.9	-6.99	58	Closed valve 1/2 to 1 turn



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EW07	10/10/2012 6:47	0	5.3	14.3	80.4	-6.5	-6.82	58	No Change
EW07	10/24/2012 7:15	0.1	9.9	9.1	80.9	-5.9	-6.82	56	Closed valve 1/2 turn or less
EW07	11/14/2012 6:58	0	9.8	9.6	80.6	-7.8	-9.62	53	Valve 100% Closed
EW07	11/30/2012 7:26	0	9.2	9	81.8	2.3	-11.95	51	No Change
EW07	12/13/2012 7:27	0	7.2	10.3	82.5	0.6	-12.49	46	Valve 100% Closed
EW07	12/26/2012 7:20	0	7.9	9.5	82.6	2.6	-12.51	43	No Change
EW08	1/13/2012 7:23	0.3	2.8	12.5	84.4	0	-32.04	48	Fully Closed.
EW08	1/26/2012 8:22	0	4.8	10.4	84.8	0	-31.07	51	Fully Closed.
EW08	2/14/2012 15:22	0	4.6	10.1	85.3	0	-32.35	50	Fully Closed.
EW08	2/23/2012 15:10	0.3	7.5	9.3	82.9	0	-31.99	55	Fully Closed.
EW08	3/9/2012 7:50	0	4.1	10	85.9	0	-31.56	46	Fully Closed.
EW08	3/30/2012 11:42	0	1.7	11.3	87	2.3	-29.9	44	No Change
EW08	4/13/2012 11:11	0	1.8	10.5	87.7	0.2	-23.7	50	No Change
EW08	4/24/2012 9:36	0	1.6	13	85.4	-6.6	-19.07	56	No Change
EW08	5/11/2012 9:52	0	1.6	13.2	85.2	-0.3	-24.32	56	No Change
EW08	5/22/2012 9:09	0	1.5	13.1	85.4	-2	-28.69	60	No Change
EW08	6/8/2012 8:29	0	1.9	13.6	84.5	-0.5	-13.89	56	Valve 100% Closed
EW08	6/22/2012 8:17	0	1.5	16.9	81.6	-0.1	-11.95	71	No Change
EW08	7/10/2012 9:09	0	0.3	19.5	80.2	-0.3	-12.06	70	Valve 100% Closed
EW08	7/26/2012 9:22	0	0.7	18.9	80.4	0.3	-14.26	72	No Change
EW08	8/17/2012 6:48	0	0.7	20.1	79.2	-10.5	-11.88	71	No Change
EW08	8/29/2012 6:48	0	0.8	19.8	79.4	-9.7	-12	68	Valve 100% Closed
EW08	9/12/2012 7:23	0	1.4	19.3	79.3	-10.8	-12.14	64	No Change
EW08	9/27/2012 7:58	0	1	19.9	79.1	-6.2	-7.05	56	Valve 100% Closed
EW08	10/10/2012 6:51	0	1	19.7	79.3	-5.3	-6.9	57	No Change
EW08	10/24/2012 7:18	0	1.8	19	79.2	-4.5	-6.91	57	Valve 100% Closed
EW08	11/14/2012 7:02	0	1.2	19.8	79	-0.3	-9.79	53	Valve 100% Closed
EW08	11/30/2012 7:29	0	2.1	15.8	82.1	1.7	-12.19	50	No Change
EW08	12/13/2012 7:30	0	2.1	14.7	83.2	0.7	-12.19	43	Valve 100% Closed
EW08	12/26/2012 7:23	0	2.3	13.8	83.9	4.2	-12.62	41	No Change
EW09	1/13/2012 8:45	43	19.8	0	37.2	0	-26.79	35	Increased Flow; Throttled.
EW09	1/26/2012 8:42	19.1	19.5	0	61.4	-2.6	-31.22	43	Reduced Flow; Throttled.
EW09	2/14/2012 17:02	12.4	18	0	69.6	-1.9	-30.9	44	Throttled.
EW09	2/23/2012 15:06	10.8	18.7	0	70.5	-2	-30.96	51	Reduced Flow; Closed.
EW09	3/9/2012 9:20	23	19.5	0	57.5	0	-31.39	50	Fully Closed.
EW09	3/30/2012 11:47	34.1	15.8	0.2	49.9	-0.1	-29.66	44	No Change
EW09	4/13/2012 11:16	38.9	15	0.1	46	0	-22.8	50	No Change
EW09	4/24/2012 9:40	24.5	15.3	0	60.2	-0.2	-18.83	50	No Change
EW09	5/11/2012 10:00	21.6	15.6	0	62.8	-0.2	-24.79	53	No Change
EW09	5/22/2012 9:17	13.1	15.3	0	71.6	-0.4	-28.69	56	No Change
EW09	6/8/2012 8:38	11.7	15.7	0	72.6	-0.3	-13.68	61	Valve 100% Closed
EW09	6/22/2012 8:23	4.7	14.7	2	78.6	0	-11.9	64	No Change
EW09	7/10/2012 9:14	6.6	11.2	6.7	75.5	-0.3	-11.92	71	Valve 100% Closed
EW09	7/26/2012 9:26	8.1	15.6	1.6	74.7	0.4	-13.82	70	Opened valve 1/2 turn or less
EW09	8/17/2012 6:28	7.5	19.3	0	73.2	-0.1	-11.76	61	No Change
EW09	8/29/2012 6:54	7.3	19.6	0	73.1	-0.3	-11.96	67	No Change



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EW09	9/12/2012 7:45	6.8	20.3	0	72.9	-0.4	-12.09	64	No Change
EW09	9/27/2012 8:01	8.3	20.6	0	71.1	-1.2	-6.69	61	No Change
EW09	10/10/2012 7:12	7	20.7	0.4	71.9	-1.6	-6.89	61	No Change
EW09	10/24/2012 7:26	6.2	20.6	0.7	72.5	-1.5	-6.93	60	Opened valve 1/2 turn or less
EW09	11/14/2012 7:09	6.9	20.1	1.2	71.8	-2.5	-9.65	57	No Change
EW09	11/30/2012 7:53	8.3	19.7	1.2	70.8	-4.1	-11.89	53	No Change
EW09	12/13/2012 7:42	7.8	18	1.6	72.6	-4.2	-12.19	49	No Change
EW09	12/26/2012 7:27	9	18.8	1.3	70.9	-5.1	-12.59	47	No Change
EW10	1/13/2012 8:42	79.1	12.6	0	8.3	0	-9.71	35	Increased Flow; Throttled.
EW10	1/26/2012 9:48	57.2	13.6	0	29.2	-0.2	-0.18	46	Fully Open.
EW10	2/14/2012 16:57	69.5	18.1	0	12.4	1.1	1.97	49	Throttled.
EW10	2/23/2012 14:23	66.9	5.8	0	27.3	0.1	0.12	59	Fully Open.
EW10	3/9/2012 9:15	73.6	19.7	0	6.7	-1.5	-1.69	53	Throttled.
EW10	3/30/2012 11:52	58.5	4.6	5.2	31.7	-7.4	-7.16	44	No Change
EW10	4/13/2012 11:21	43.7	7.8	6.5	42	-13.6	-13.26	55	No Change; Surging in Header
EW10	4/24/2012 9:44	20.1	15.9	0.2	63.8	-19	-18.97	52	No Change
EW10	5/11/2012 10:09	13.1	16.7	0	70.2	-9.2	-10.13	52	No Change
EW10	5/22/2012 9:20	9.8	17.7	0	72.5	-28.5	-28.58	55	No Change
EW10	6/8/2012 8:43	11.7	18.3	0	70	-13.8	-13.79	57	Surging in Header
EW10	6/22/2012 8:27	8.8	19.1	0	72.1	-11.8	-11.93	59	No Change
EW10	7/10/2012 9:18	8.2	19.3	0	72.5	-11.8	-12.06	64	Closed valve 1/2 turn or less
EW10	7/26/2012 9:31	9.6	19.6	0	70.8	-10.7	-13.62	78	Opened valve 1/2 turn or less
EW10	8/17/2012 6:25	10.8	20.4	0.1	68.7	-9.3	-11.65	65	Closed valve 1/2 turn or less
EW10	8/29/2012 7:13	11.4	21	0	67.6	-8.6	-11.84	66	No Change
EW10	9/12/2012 7:48	10.7	21.5	0	67.8	-8.4	-11.95	68	No Change
EW10	9/27/2012 8:15	12.5	21.5	0	66	-4.7	-6.63	59	No Change
EW10	10/10/2012 7:20	13	21.9	0	65.1	-4.8	-6.84	59	No Change
EW10	10/24/2012 7:53	12.5	22.2	0	65.3	-4.2	-7.12	52	Closed valve 1/2 turn or less
EW10	11/14/2012 7:26	14.4	21.1	0	64.5	-8.3	-9.63	59	No Change
EW10	11/30/2012 7:58	27.2	7.5	9.1	56.2	-7.7	-7.87	51	No Change
EW10	12/13/2012 7:54	55.9	6.2	3.7	34.2	-7.6	-8.01	44	Opened valve 1/2 turn or less
EW10	12/26/2012 8:01	48	4.7	6.4	40.9	-6.8	-7.4	44	No Change
EW11	1/13/2012 8:39	69.8	29.9	0.1	0.2	0	-4.07	39	Increased Flow; Throttled.
EW11	1/26/2012 9:45	68.6	22.5	1.8	7.1	-0.8	-1.43	44	Throttled.
EW11	2/14/2012 16:46	66	25.5	1.3	7.2	0	0	47	Throttled.
EW11	2/23/2012 14:27	73.6	26.1	0	0.3	0.1	0.12	56	Throttled.
EW11	3/9/2012 9:10	72.7	27.2	0	0.1	0	-0.93	53	Throttled.
EW11	3/30/2012 11:56	65.7	16.7	3.4	14.2	-0.2	-0.32	48	No Change
EW11	4/13/2012 10:13	31.8	11.5	10.7	46	-3.1	-3.31	50	No Change; Surging in Header
EW11	4/24/2012 9:53	32.3	27.8	1.1	38.8	-7.9	-14.23	54	No Change
EW11	5/11/2012 10:20	13.4	8.9	13.3	64.4	-3.3	-4.3	62	No Change
EW11	5/22/2012 9:33	20.3	25.8	0	53.9	-12.1	-28.2	56	No Change
EW11	6/8/2012 8:47	23.8	24.3	0	51.9	-7.3	-13.56	58	
EW11	6/22/2012 9:13	17.5	22.4	0.6	59.5	-5.8	-11.62	69	No Change
EW11	7/10/2012 9:25	18.7	21.6	0.7	59	-6	-11.58	69	Closed valve 1/2 turn or less
EW11	7/26/2012 9:36	31.6	18.7	4.3	45.4	-0.4	-12.78	72	Opened valve 1/2 turn or less



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Name	Date Time	CH4 % by vol	CO2 % by vol	O2% by vol	Bal Gas % by vol	Static Pressure In. H2O	System Pressure In. H2O	Temp	Comment
EW11	8/17/2012 8:11	26	23.8	0.4	49.8	-2.8	-11.34	72	No Change
EW11	8/29/2012 7:16	26.8	24.5	0.1	48.6	-2.7	-11.39	69	No Change
EW11	9/12/2012 7:51	26.4	25.3	0.2	48.1	-2.7	-11.54	66	No Change
EW11	9/27/2012 8:19	29.4	26.5	0	44.1	-1.6	-6.41	63	No Change
EW11	10/10/2012 7:26	33.4	27.6	0	39	-3.1	-6.38	62	Opened valve 1/2 turn or less
EW11	10/24/2012 7:56	31	28.2	0	40.8	-3.9	-6.91	48	No Change
EW11	11/14/2012 7:31	42	22.1	3.4	32.5	-0.5	-0.6	52	No Change; Header Vacuum loss
EW11	11/30/2012 8:01	57.3	24.9	2.2	15.6	-0.1	-0.07	50	No Change
EW11	12/13/2012 7:57	74.4	17.4	2.4	5.8	0.2	0.17	48	Opened valve > 1 turn; Valve 100% Open
EW11	12/26/2012 8:05	49.3	11.4	8.1	31.2	-0.4	-0.46	40	No Change
EW12	1/13/2012 8:34	28.7	23	0	48.3	0	-12.37	36	Fully Closed.
EW12	1/26/2012 9:40	46.6	12.5	0	40.9	0	-1.03	42	Increased Flow; Throttled.
EW12	2/14/2012 16:41	43.8	31.2	0	25	0	0	46	Throttled.
EW12	2/23/2012 14:29	58	26.2	0	15.8	0	0	61	Throttled.
EW12	3/9/2012 9:03	55.4	27.5	0	17.1	-1.1	-0.98	49	Throttled.
EW12	3/30/2012 12:01	62.4	24.3	0.2	13.1	-0.9	-0.5	44	No Change
EW12	4/13/2012 10:05	42.1	24.5	0	33.4	-4.4	-5.68	50	No Change
EW12	4/24/2012 9:49	9.4	21.4	1.5	67.7	-11	-16.58	50	No Change
EW12	5/11/2012 10:17	7.5	19.3	0.5	72.7	-3.4	-4.8	56	No Change
EW12	5/22/2012 9:29	6	17.8	3.1	73.1	-14.2	-26.91	60	No Change
EW12	6/8/2012 8:53	8.4	18.9	1.1	71.6	-8.5	-13.44	60	No Change
EW12	6/22/2012 9:27	6.2	18.5	1.4	73.9	-6.9	-11.66	63	No Change
EW12	7/10/2012 9:29	7	18.9	0.9	73.2	-7.1	-12.35	67	Closed valve 1/2 turn or less
EW12	7/26/2012 9:41	19	19.8	0.2	61	-0.3	-12.35	70	Opened valve 1/2 turn or less
EW12	8/17/2012 8:13	13.5	21	0	65.5	-2.2	-11.15	70	No Change
EW12	8/29/2012 7:19	14.1	21.8	0	64.1	-2.2	-11.19	70	No Change
EW12	9/12/2012 7:54	12.9	22.3	0	64.8	-2.2	-11.34	63	No Change
EW12	9/27/2012 8:21	14.9	22.7	0	62.4	-1.3	-6.3	60	
EW12	10/10/2012 7:29	17.5	22.9	0	59.6	-1.5	-6.26	61	No Change
EW12	10/24/2012 7:58	11.7	22.3	0	66	-1.6	-6.87	53	Opened valve 1/2 turn or less
EW12	11/14/2012 7:34	24.3	23.6	0	52.1	-1.2	-4.74	54	No Change; Header Vacuum loss
EW12	11/30/2012 8:04	41.1	26.7	0.1	32.1	-0.6	-2.39	50	No Change
EW12	12/13/2012 8:00	48.4	21.4	2	28.2	-0.5	-2.26	47	Opened valve 1/2 to 1 turn
EW12	12/26/2012 8:08	46	27.1	0	26.9	-1.2	-1.47	41	No Change
EW13	1/13/2012 8:30	6.6	20.8	1.5	71.1	0	-12.98	36	Fully Closed.
EW13	1/26/2012 9:34	9	20.9	0.9	69.2	0	-1.25	43	Fully Closed.
EW13	2/14/2012 16:37	6.5	21	0	72.5	0	0	46	Fully Closed.
EW13	2/23/2012 14:37	11.9	18.6	0	69.5	0	0	57	Fully Closed.
EW13	3/9/2012 8:58	8	19.5	0	72.5	0	-0.24	52	Fully Closed.
EW13	3/30/2012 12:09	9.1	15.3	3	72.6	-0.2	-0.37	44	No Change
EW13	4/13/2012 10:08	11.7	16.9	0.2	71.2	-0.2	-6.5	45	No Change
EW13	4/24/2012 9:56	10.8	15.7	1.7	71.8	-0.7	-18.09	50	No Change
EW13	5/11/2012 10:13	10.5	16	0.4	73.1	-0.3	-3.32	58	No Change
EW13	5/22/2012 9:25	10.8	17.3	0	71.9	-0.7	-26.93	59	No Change
EW13	6/8/2012 8:50	11.3	17.6	0	71.1	-0.5	-13.43	59	No Change



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Name	Date Time	CH4 % by vol	CO2 % by vol	O2% by vol	Bal Gas % by vol	Static Pressure In. H2O	System Pressure In. H2O	Temp	Comment
EW13	6/22/2012 9:30	9.5	15.2	3.2	72.1	-0.1	-11.43	64	No Change
EW13	7/10/2012 9:33	7.1	12.1	6.9	73.9	-0.4	-12.16	74	Opened valve 1/2 turn or less
EW13	7/26/2012 9:44	1.2	8.8	10.8	79.2	0	-12.36	74	No Change
EW13	8/17/2012 8:16	1.8	12	8.2	78	-0.2	-11.09	68	No Change
EW13	8/29/2012 7:21	1.7	13.6	6.4	78.3	-0.3	-11.2	68	No Change
EW13	9/12/2012 7:58	2	13.5	7.6	76.9	-0.4	-11.31	64	No Change
EW13	9/27/2012 8:24	2.1	13	8.1	76.8	-0.1	-6.31	57	No Change
EW13	10/10/2012 7:32	1.3	13.5	7.2	78	-0.3	-6.25	63	No Change
EW13	10/24/2012 8:01	1.9	15.6	5.6	76.9	-0.4	-8.01	54	Closed valve 1/2 turn or less
EW13	11/14/2012 7:37	2.2	17.1	3.6	77.1	-0.3	-4.91	53	No Change; Header Vacuum loss
EW13	11/30/2012 8:13	6.7	16.1	5	72.2	0	-2.3	50	No Change
EW13	12/13/2012 8:07	3.2	17.1	0.4	79.3	0.1	-1.9	50	Valve 100% Closed
EW13	12/26/2012 8:16	4.1	10.6	9.2	76.1	-0.2	-1.69	40	No Change
EW14	1/13/2012 8:24	24.5	27.6	1	46.9	-0.4	-11.96	41	Throttled.
EW14	1/26/2012 9:30	42.1	33.5	0	24.4	-1	-1.27	43	Throttled.
EW14	2/14/2012 16:32	50	31.6	0	18.4	0	-0.66	49	Throttled.
EW14	2/23/2012 14:40	58.5	32.6	0	8.9	0.1	0	58	Throttled.
EW14	3/9/2012 8:55	63.3	30	0	6.7	0	-0.44	55	Throttled.
EW14	3/30/2012 12:06	57	29.1	0.2	13.7	-0.3	-0.45	44	No Change
EW14	4/13/2012 10:18	18.5	21.3	0	60.2	-2.3	-5.99	40	No Change; Surging in Header
EW14	4/24/2012 10:49	1.9	16.7	4.4	77	-4.6	-18.82	52	No Change
EW14	5/11/2012 10:26	1.1	13.3	6.4	79.2	-2.2	-3.84	48	No Change
EW14	5/22/2012 9:41	0.9	12	8.8	78.3	-5.2	-26.93	63	No Change
EW14	6/8/2012 9:01	1.3	12.9	6.9	78.9	-3	-13.65	54	No Change
EW14	6/22/2012 9:58	0.4	5.1	14.8	79.7	-2	-11.48	67	No Change
EW14	7/10/2012 9:39	0.5	8.6	9.9	81	-2.1	-11.94	71	No Change
EW14	7/26/2012 9:54	0	2.2	17.1	80.7	-0.4	-11.84	71	No Change
EW14	8/17/2012 8:23	0.1	2.2	17.6	80.1	-0.8	-10.85	69	No Change
EW14	8/29/2012 7:34	0.7	6.5	13	79.8	-0.8	-10.87	68	No Change
EW14	9/12/2012 8:12	0	12	8.5	79.5	-0.9	-10.98	68	No Change
EW14	9/27/2012 8:33	0.1	12.6	6.4	80.9	-0.4	-6.14	54	Valve 100% Closed
EW14	10/10/2012 7:47	0.2	14.5	4.1	81.2	-0.9	-6.11	59	No Change
EW14	10/24/2012 8:11	0.1	11.7	7.6	80.6	-0.7	-7.09	51	Valve 100% Closed
EW14	11/14/2012 7:50	9.3	13.1	8	69.6	-0.6	-4.19	57	No Change; Header Vacuum loss
EW14	11/30/2012 8:47	40.8	22.3	1.2	35.7	-0.1	-1.82	50	No Change
EW14	12/13/2012 8:14	56.9	26.7	0.1	16.3	0.1	-1.82	43	Opened valve 1/2 turn or less
EW14	12/26/2012 8:22	34.5	27.1	0	38.4	-1.1	-1.14	40	No Change
EW15	1/13/2012 8:17	26.3	28	0	45.7	-1.1	-11.51	35	Throttled.
EW15	1/26/2012 9:27	37.9	28.9	0.5	32.7	-1.3	-1.27	43	Throttled.
EW15	2/14/2012 16:27	42.9	26.1	0	31	-0.6	-1.15	48	Throttled.
EW15	2/23/2012 14:43	54.8	27.5	0	17.7	0	0	57	Throttled.
EW15	3/9/2012 8:47	54.6	23.3	0	22.1	-0.3	-0.46	54	Throttled.
EW15	3/30/2012 12:18	58.5	20.1	0.4	21	-0.4	-0.44	50	No Change
EW15	4/13/2012 11:38	52.2	22.6	0	25.2	-4.2	-5.56	50	No Change
EW15	4/24/2012 10:58	18.6	22.4	0	59	-8.3	-18.39	56	No Change
EW15	5/11/2012 10:35	6.5	19.9	0	73.6	-3.1	-3.27	48	No Change



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EW15	5/22/2012 9:49	6.1	19.3	0.1	74.5	-9.9	-26.47	55	No Change
EW15	6/8/2012 9:09	8.5	19	0	72.5	-5.8	-13.4	60	No Change
EW15	6/22/2012 10:06	3.9	11.5	7.2	77.4	-4.5	-11.29	69	No Change
EW15	7/10/2012 9:57	5.5	16.8	0.1	77.6	-10.7	-11.97	71	Opened valve 1/2 turn or less
EW15	7/26/2012 9:59	12.5	18.4	0.7	68.4	-10.2	-11.43	75	No Change
EW15	8/17/2012 8:27	12.2	19.4	0.6	67.8	-9.2	-10.52	73	No Change
EW15	8/29/2012 7:41	13.1	20	0.4	66.5	-9.1	-10.56	69	No Change
EW15	9/12/2012 8:17	12.9	20.4	0.5	66.2	-9	-10.59	70	No Change
EW15	9/27/2012 8:35	14.7	20.9	0.3	64.1	-5.2	-5.94	57	No Change
EW15	10/10/2012 7:54	16.7	21.7	0.2	61.4	-5.2	-5.92	60	No Change
EW15	10/24/2012 8:18	17.4	22.3	0.4	59.9	-5.7	-6.64	55	No Change
EW15	11/14/2012 7:58	23.9	23.9	0.4	51.8	-4.7	-4.84	56	No Change; Header Vacuum loss
EW15	11/30/2012 8:49	33.3	25.4	0.2	41.1	-2.2	-1.42	49	No Change
EW15	12/13/2012 8:21	41.4	23.5	0.8	34.3	-0.9	-1.06	50	Header Vacuum loss
EW15	12/26/2012 8:57	37.6	20.6	3.5	38.3	-1.3	-1.32	43	No Change
EW16	1/12/2012 14:57	0	10.9	5.8	83.3	0	-12.29	47	Fully Closed.
EW16	1/26/2012 11:28	32.6	19	2.5	45.9	0	-0.87	47	Increased Flow; Fully Open.
EW16	2/14/2012 14:11	21.8	14	5.2	59	-0.2	-0.27	45	Throttled.
EW16	2/23/2012 14:03	46.1	16.7	0	37.2	0	-0.07	59	Throttled.
EW16	3/9/2012 9:41	36.7	17	0	46.3	0	-0.33	53	Fully Open.
EW16	3/30/2012 10:28	55.2	22.7	1	21.1	-0.6	-0.54	40	No Change
EW16	4/13/2012 9:02	4.1	13.7	0.8	81.4	-5.7	-5.97	40	No Change
EW16	4/24/2012 9:05	0	8.7	7.4	83.9	-16.4	-17.63	48	No Change
EW16	5/11/2012 9:45	0.2	10.1	5.9	83.8	-4.4	-4.94	54	Surging in Header
EW16	5/22/2012 8:22	0.6	10.8	5.7	82.9	-21.8	-24.69	60	Surging in Header
EW16	6/8/2012 8:22	0.8	11.3	5.7	82.2	-12.1	-13.48	58	Valve 100% Closed
EW16	6/22/2012 8:02	0.8	7.2	9.6	82.4	-10.5	-10.73	62	No Change; Valve 100% Closed
EW16	7/10/2012 8:18	0.2	2.4	16.7	80.7	-10.4	-10.8	66	No Change
EW16	7/26/2012 9:02	0.9	4.2	14	80.9	-12.5	-12.32	70	Opened valve 1/2 turn or less
EW16	8/17/2012 8:02	0.4	2.5	15.9	81.2	-10.3	-10.37	70	No Change
EW16	8/29/2012 9:29	0.4	4.6	12.7	82.3	-10.3	-10.32	68	No Change
EW16	9/12/2012 9:33	0.4	8.3	8.1	83.2	-10.2	-10.48	67	No Change
EW16	9/27/2012 10:41	0.4	8.3	7.6	83.7	-5.7	-5.74	58	No Change
EW16	10/10/2012 8:22	0.5	8.8	7.5	83.2	-5.8	-5.81	60	No Change
EW16	10/24/2012 8:27	0.1	8.5	7.8	83.6	-6.5	-6.59	59	No Change
EW16	11/14/2012 8:16	0.1	8.2	8.2	83.5	-5	-4.36	57	No Change; Header Vacuum loss
EW16	11/30/2012 9:01	2	7.9	10.7	79.4	-2.2	-2.25	52	No Change
EW16	12/13/2012 8:33	18.2	9.1	9.9	62.8	-0.9	-1.22	46	Header Vacuum loss
EW16	12/26/2012 9:08	1.6	4.3	14.7	79.4	-1.3	-1.23	40	No Change
EW17	1/13/2012 8:02	0.1	12.7	3	84.2	0	-12.96	32	Fully Closed.
EW17	1/26/2012 9:15	7.5	12.1	6.3	74.1	0	-1.27	44	Fully Closed.
EW17	2/14/2012 16:15	4.5	12.9	2.4	80.2	0	0	46	Fully Closed.
EW17	2/23/2012 14:46	0.6	11.7	2.4	85.3	0.2	0.03	57	Fully Closed.
EW17	3/9/2012 8:33	0	11.5	4.6	83.9	0	-0.1	50	Fully Closed.
EW17	3/30/2012 12:21	0.2	7.3	8.4	84.1	-0.4	-0.34	44	No Change
EW17	4/13/2012 10:29	0.2	9.1	8.1	82.6	-0.2	-7.1	40	No Change



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EW17	4/24/2012 11:02	0	5	14.4	80.6	-0.8	-15.08	50	Surging in Header
EW17	5/11/2012 10:40	0	4.1	15.4	80.5	-0.1	-4.92	58	No Change
EW17	5/22/2012 9:53	0	2.1	18	79.9	-0.7	-12.83	56	Surging in Header
EW17	6/8/2012 9:13	0	5.2	14.8	80	-0.4	-10.48	51	No Change
EW17	6/22/2012 10:13	0	4.3	16.1	79.6	-0.3	-10.88	63	No Change
EW17	7/10/2012 10:05	0	2.3	17.4	80.3	-0.5	-11.81	64	Valve 100% Closed
EW17	7/26/2012 10:07	0	0.4	19.7	79.9	0.3	-11	68	No Change
EW17	8/17/2012 8:46	0	0.4	19.7	79.9	-0.1	-10.18	71	No Change
EW17	8/29/2012 7:49	0	0.4	20.4	79.2	-0.7	-10.19	68	No Change
EW17	9/12/2012 8:23	0	4.3	15.5	80.2	-1.3	-10.15	61	No Change
EW17	9/27/2012 8:46	0.1	0.8	19.7	79.4	-0.1	-5.73	60	No Change
EW17	10/10/2012 8:12	0	5.1	13.4	81.5	-1	-5.71	61	No Change
EW17	10/24/2012 8:22	0	1.4	18.9	79.7	-0.5	-7.4	50	Valve 100% Closed
EW17	11/14/2012 8:11	0.1	3.7	13.9	82.3	-0.7	-4.69	51	No Change; Header Vacuum loss
EW17	11/30/2012 8:57	0.1	4.9	14	81	-0.3	-2.26	52	No Change
EW17	12/13/2012 8:28	0.1	3.8	18.1	78	0.1	-0.93	42	Header Vacuum loss
EW17	12/26/2012 9:03	0.1	3.9	16	80	-0.5	-1.29	40	No Change
EW18	1/13/2012 7:58	0.1	5.4	15	79.5	-7.5	-10.62	31	Fully Open.
EW18	1/26/2012 9:10	42.5	32.9	0	24.6	-1.2	-1.32	44	Fully Open.
EW18	2/14/2012 16:10	23.5	21.3	2.6	52.6	0	-1.21	45	Fully Open.
EW18	2/23/2012 15:04	46.4	24.8	0	28.8	0	-0.03	56	Fully Open.
EW18	3/9/2012 8:29	24.4	20.6	0	55	-0.3	-0.56	51	Fully Open.
EW18	3/30/2012 11:04	53.7	24	0.4	21.9	-0.5	-0.53	41	No Change
EW18	4/13/2012 10:34	0.2	5.6	13.7	80.5	-5.5	-6.57	48	No Change; Surging in Header
EW18	4/24/2012 11:07	0	4.1	14.9	81	-11.1	-12.14	52	Surging in Header
EW18	5/11/2012 10:49	0	3.7	16.1	80.2	-4.5	-3.27	52	Surging in Header
EW18	5/22/2012 10:00	0	2.2	17.2	80.6	-13.1	-12.19	59	Surging in Header
EW18	6/8/2012 9:24	0	4.3	14.6	81.1	-8.5	-10.88	53	Surging in Header
EW18	6/22/2012 10:17	0	4.1	14.6	81.3	-9.8	-10.91	68	No Change
EW18	7/10/2012 10:10	0	3.6	15.6	80.8	-10.6	-11.55	60	Opened valve 1/2 turn or less
EW18	7/26/2012 10:10	0	3.7	14.8	81.5	-9.9	-10.97	69	No Change
EW18	8/17/2012 8:50	0	3.8	15	81.2	-9.2	-9.94	70	No Change
EW18	8/29/2012 7:52	0	3.8	16.2	80	-9	-9.95	67	No Change
EW18	9/12/2012 8:26	0	3.9	16.4	79.7	-8.9	-9.99	69	No Change
EW18	9/27/2012 8:49	0	3.7	15.4	80.9	-4.9	-5.58	58	No Change
EW18	10/10/2012 8:59	0	3.9	15.3	80.8	-4.8	-5.53	62	No Change
EW18	10/24/2012 10:35	0	4.4	14.6	81	-5.6	-6.63	57	No Change
EW18	11/14/2012 8:59	0	4.3	15.2	80.5	-4	-5.12	54	No Change
EW18	11/30/2012 9:36	0	4.7	14.1	81.2	-1.9	-2.05	50	No Change
EW18	12/13/2012 9:10	0	4.2	15	80.8	-1	-1.17	47	Header Vacuum loss
EW18	12/26/2012 9:40	0	9.9	8.7	81.4	-0.9	-0.86	42	No Change
EW19	1/13/2012 8:05	1	1.5	19.7	77.8	0	-0.08	34	Fully Closed.
EW19	1/26/2012 9:20	32.4	25.9	0.6	41.1	-1.3	-3.51	41	Throttled.
EW19	2/14/2012 16:20	38.4	25.6	0	36	0	0	43	Fully Closed.
EW19	2/23/2012 14:57	49.7	24.3	0	26	0	0.01	55	Throttled.
EW19	3/9/2012 8:37	43.2	22.5	0	34.3	0	-0.26	52	Fully Open.



**Table 2. LFG Extraction Well Monitoring Results
January Through December 2012
Eastgate Area Properties Landfill**

Name	Date Time	CH4 % by vol	CO2 % by vol	O2% by vol	Bal Gas % by vol	Static Pressure In. H2O	System Pressure In. H2O	Temp	Comment
EW19	3/30/2012 12:27	54.2	21.1	2	22.7	-0.2	-0.22	48	No Change
EW19	4/13/2012 11:28	54.6	21.7	0	23.7	-7.4	-8.04	60	No Change
EW19	4/24/2012 11:21	17.8	19.7	1.1	61.4	-13.6	-13.75	50	No Change
EW19	5/11/2012 10:57	13.7	20.1	0.3	65.9	-8	-9.72	50	No Change
EW19	5/22/2012 10:08	8.8	19.7	0.7	70.8	-20	-20.06	55	No Change
EW19	6/8/2012 9:32	11.5	19.9	0.2	68.4	-10.5	-10.69	57	No Change
EW19	6/22/2012 10:25	9.7	19.8	0.5	70	0	-0.11	67	No Change
EW19	7/10/2012 10:19	9.2	19.1	0.9	70.8	-12.2	-14.12	67	Closed valve 1/2 to 1 turn
EW19	7/26/2012 10:24	0	0.4	20	79.6	-12.6	-12.6	71	No Change
EW19	8/17/2012 8:32	12.3	20.3	0.7	66.7	-6.6	-11.53	74	No Change
EW19	8/29/2012 7:45	13	20.6	0.5	65.9	-6.6	-11.7	70	No Change
EW19	9/12/2012 8:20	12.9	21.2	0.4	65.5	-6.7	-11.83	62	No Change
EW19	9/27/2012 8:42	13.8	21.3	0.3	64.6	-4.1	-6.62	56	No Change
EW19	10/10/2012 8:04	15.2	22	0.1	62.7	-4.3	-6.71	57	No Change
EW19	10/24/2012 10:40	16.3	21.6	0.5	61.6	-4.5	-7.26	51	Opened valve 1/2 turn or less
EW19	11/14/2012 8:04	20.1	22.3	0.2	57.4	-5.2	-8.22	58	No Change; Surging in Header
EW19	11/30/2012 8:55	31.1	22	1.2	45.7	-0.2	-0.29	50	No Change
EW19	12/13/2012 8:25	41	21.5	0	37.5	0.1	0.07	45	Header Vacuum loss
EW19	12/26/2012 9:00	32.5	19.7	1.7	46.1	-0.4	-0.4	47	No Change
EW20	1/13/2012 8:11	17	15.1	9.3	58.6	0	-0.63	33	Fully Closed.
EW20	2/14/2012 16:54	42.2	24.6	0	33.2	0	0	52	Fully Closed.
EW20	2/23/2012 15:01	46.6	21.9	0	31.5	0	-0.01	44	Throttled.
EW20	3/9/2012 8:51	44.7	22.9	0	32.4	-0.1	-0.09	51	Throttled.
EW20	4/13/2012 10:22	32	20.4	2.4	45.2	-8.8	-8.26	45	No Change; Surging in Header
EW20	4/24/2012 10:54	9.6	12.2	9.3	68.9	-12.7	-13.94	58	No Change
EW20	5/11/2012 10:30	10	15.7	6	68.3	-8.5	-8.01	60	Surging in Header
EW20	5/22/2012 9:45	4.9	11	9.6	74.5	-18.4	-20.84	56	No Change
EW20	6/8/2012 9:04	5.5	12.5	8	74	-10	-11.14	58	No Change
EW20	6/22/2012 10:01	5.4	12.3	8.4	73.9	-8.3	-9.34	64	No Change
EW20	7/10/2012 9:53	5.6	13.6	7.1	73.7	-8.5	-12.67	73	Closed valve 1/2 turn or less
EW20	7/26/2012 9:50	1.1	13.7	5.4	79.8	-0.8	-12.84	71	No Change
EW20	8/17/2012 8:20	1.1	12.9	6.7	79.3	-1	-11.66	73	No Change
EW20	8/29/2012 7:37	1.5	14.5	5.2	78.8	-1	-11.78	71	No Change
EW20	9/12/2012 8:09	1.2	14.6	5.5	78.7	-1.2	-11.97	67	No Change
EW20	9/27/2012 8:38	3.4	16.8	2.4	77.4	-0.6	-6.69	55	No Change
EW20	10/10/2012 7:50	5.4	19	0.1	75.5	-0.9	-6.74	62	No Change
EW20	10/24/2012 8:14	3.9	17	4.2	74.9	-0.9	-8.4	55	No Change
EW20	11/14/2012 7:54	7.3	18.4	1.7	72.6	-1	-8.67	58	No Change
EW20	11/30/2012 8:19	34.1	23.2	0	42.7	0	-0.32	51	No Change
EW20	12/13/2012 8:17	48.8	15.8	2.6	32.8	0.1	0.12	42	
EW20	12/26/2012 8:19	0.3	2.6	19.9	77.2	-0.2	-0.27	39	No Change
EW21	1/13/2012 7:35	12.1	17.4	0	70.5	0	-32.06	35	Fully Closed.
EW21	1/26/2012 8:39	7.5	13.2	3.6	75.7	0	-31.33	44	Fully Closed.
EW21	2/14/2012 15:36	1	10.5	0	88.5	-0.1	-31.16	49	Fully Closed.
EW21	2/23/2012 15:22	0.5	15.9	0	83.6	0	-31.6	56	Fully Closed.
EW21	3/9/2012 8:02	1.1	16.1	0	82.8	0	-31.52	46	Fully Closed.



**Table 2. LFG Extraction Well Monitoring Results
January Through December 2012
Eastgate Area Properties Landfill**

Name	Date Time	CH4 % by vol	CO2 % by vol	O2% by vol	Bal Gas % by vol	Static Pressure In. H2O	System Pressure In. H2O	Temp	Comment
EW21	3/30/2012 12:41	0.6	5	15.8	78.6	-0.2	-31.52	44	No Change
EW21	4/13/2012 11:33	1.3	15.1	3.8	79.8	0	-23.25	50	No Change
EW21	4/24/2012 11:35	0.4	14.5	5.2	79.9	-0.3	-18.77	52	No Change
EW21	5/11/2012 11:13	0.4	16.5	3.2	79.9	-0.1	-24.28	53	No Change
EW21	5/22/2012 10:30	0.1	9.9	9.2	80.8	-0.5	-27.19	59	No Change
EW21	6/8/2012 9:50	1	21.1	0	77.9	-0.1	-13.18	59	No Change
EW21	6/22/2012 10:40	0.7	20	0.6	78.7	-0.1	-11.7	63	No Change
EW21	7/10/2012 10:37	0.4	12.9	7.5	79.2	-0.2	-15.63	70	Valve 100% Closed
EW21	7/26/2012 10:36	0.8	13.5	6.1	79.6	0.6	-13.3	78	No Change
EW21	8/17/2012 9:08	0.5	4.7	14.2	80.6	0.2	-12.05	69	No Change
EW21	8/29/2012 8:10	0.6	5.9	13.7	79.8	0	-12.33	69	No Change
EW21	9/12/2012 8:40	1	9.2	10.6	79.2	-0.1	-12.46	70	No Change
EW21	9/27/2012 9:04	1.9	15.6	4.1	78.4	0	-6.95	54	No Change
EW21	10/10/2012 9:17	2.7	20.7	0.3	76.3	-0.2	-7.01	58	No Change
EW21	10/24/2012 10:51	3.3	21.4	0	75.3	0	-7.85	55	No Change
EW21	11/14/2012 9:17	3.4	21.6	0	75	-0.2	-9.78	55	No Change
EW21	11/30/2012 9:50	3.3	21.1	0.2	75.4	0	-12.26	49	No Change
EW21	12/13/2012 9:27	4.7	9	9.6	76.7	0	-12.16	42	No Change
EW21	12/26/2012 9:57	5.2	17.5	2.7	74.6	-0.1	-12.84	40	No Change



**Table 3. LFG Sample Port and Blower Flare Station Monitoring Results
January Through December 2011
Eastgate Area Properties Landfill**

Name	Date Time	CH4 % by vol	CO2 % by vol	O2 % by vol	Bal Gas % by vol	VOC (ppm)	Init Stat Press In. H2O	Initial Flow scfm	Comment
Blower Inlet-4	1/12/2012 14:11	0.3	4.5	14.9	80.3	NA	-31.8	8	
Blower Inlet-4	1/13/2012 7:08	0.3	3.3	16.6	79.8	NA	-31.9	7	Blower #2 Operating.
Blower Inlet-4	1/13/2012 8:50	0.7	3.6	17.2	78.5	NA	-29	7	Blower #2 Operating.
Blower Inlet-4	1/26/2012 8:00	0.1	3.7	16.7	79.5	NA	-31.3	0	Fully Open.
Blower Inlet-4	1/26/2012 11:58	0	3.2	16.3	80.5	NA	-31.6	0	Fully Open.
Blower Inlet-4	2/14/2012 13:43	0	1.1	16.4	82.5	NA	-31.4	0	Fully Open.
Blower Inlet-4	2/23/2012 13:22	0.1	5.1	16.6	78.2	NA	-31.7	0	Fully Open.
Blower Inlet-4	3/9/2012 7:06	0	2.5	16	81.5	NA	-31.8	0	Fully Open.
Blower Inlet-4	3/30/2012 12:57	0.1	0.9	21.1	77.9	NA	-31	0	No Change
Blower Inlet-4	4/13/2012 6:56	32.1	15.7	6.5	45.7	NA	-24.4	49	No Change
Blower Inlet-4	4/24/2012 7:16	10.9	11.9	8.5	68.7	NA	-23.9	71	No Change
Blower Inlet-4	5/18/2012 17:49	1.6	7.5	12.8	78.1	NA	-7.9	50	No Change
Blower Inlet-4	5/22/2012 8:28	3.2	7.8	12.7	76.3	NA	-29.4	99	No Change
Blower Inlet-4	6/8/2012 7:03	8.3	16.1	4.4	71.2	NA	-13.6	61	No Change
Blower Inlet-4	6/22/2012 8:42	7.3	15.7	4.7	72.3	NA	-12.3	61	No Change
Blower Inlet-4	7/10/2012 8:36	7.3	16.5	4	72.2	NA	-12.3	61	No Change
Blower Inlet-4	7/26/2012 7:50	9.6	19.2	1.4	69.8	NA	-14.9	33	No Change
Blower Inlet-4	8/17/2012 9:28	10.2	18.6	1.8	69.4	NA	-12.2	31	No Change
Blower Inlet-4	8/29/2012 8:21	10.8	19.3	1.5	68.4	NA	-12.5	31	No Change
Blower Inlet-4	9/12/2012 6:43	11.1	19.9	1.2	67.8	NA	-12.5	31	No Change
Blower Inlet-4	9/27/2012 9:13	11.8	20.2	0.8	67.2	NA	-7	23	
Blower Inlet-4	10/10/2012 9:28	13	20.9	0.7	65.4	NA	-7.1	23	No Change
Blower Inlet-4	10/24/2012 9:12	13.9	20.5	1.4	64.2	NA	-7.5	24	No Change
Blower Inlet-4	11/14/2012 9:24	17.1	21.2	0.8	60.9	NA	-9.7	22	No Change
Blower Inlet-4	11/30/2012 6:48	0	5.8	11.7	82.5	NA	-11.8	48	No Change
Blower Inlet-4	12/13/2012 6:37	0	1.6	19.4	79	NA	-12.4	22	No Change
Blower Inlet-4	12/26/2012 6:36	0	4.5	11.9	83.6	NA	-11.7	0	No Change
Blower Inlet-6	1/12/2012 14:13	4.9	13.9	6.3	74.9	NA	-32	61	
Blower Inlet-6	1/13/2012 7:09	3.5	9.6	11.2	75.7	NA	-31.8	62	Blower #2 Operating.
Blower Inlet-6	1/13/2012 8:52	5.3	11.2	11.3	72.2	NA	-28.5	100	Blower #2 Operating.
Blower Inlet-6	1/26/2012 8:02	5.6	14.6	5.4	74.4	NA	-31.3	70	Fully Open.
Blower Inlet-6	1/26/2012 11:59	3	9.3	10.3	77.4	NA	-31.6	67	Fully Open.
Blower Inlet-6	2/14/2012 13:47	2.4	11.8	7.7	78.1	NA	-31.3	66	Fully Open.
Blower Inlet-6	2/23/2012 13:24	2.6	8.7	9.6	79.1	NA	-31.6	66	Fully Open.
Blower Inlet-6	3/9/2012 7:09	4.1	15.3	2.8	77.8	NA	-31.7	70	Fully Open.
Blower Inlet-6	3/30/2012 13:00	3.2	9.6	11.3	75.9	NA	-31.2	67	No Change
Blower Inlet-6	4/13/2012 7:01	7.4	11.7	6.9	74	NA	-23.9	85	No Change
Blower Inlet-6	4/24/2012 7:19	0.1	0.5	20.5	78.9	NA	-23.7	117	No Change
Blower Inlet-6	5/18/2012 17:51	0.1	1.5	19.6	78.8	NA	-7.8	87	No Change
Blower Inlet-6	5/22/2012 8:35	0	0.2	20.3	79.5	NA	-19.9	121	No Change
Blower Inlet-6	6/8/2012 7:05	3.9	15.1	5.2	75.8	NA	-13.7	98	No Change
Blower Inlet-6	6/22/2012 8:45	2.7	14.5	5.5	77.3	NA	-12.3	101	No Change
Blower Inlet-6	7/10/2012 8:38	2.8	14.8	5.4	77	NA	-12.3	105	No Change
Blower Inlet-6	7/26/2012 7:53	3.7	14.9	4.8	76.6	NA	-14.8	107	No Change
Blower Inlet-6	8/17/2012 9:30	4.6	15.2	4.7	75.5	NA	-12	107	No Change
Blower Inlet-6	8/29/2012 8:24	5.1	15.6	4.8	74.5	NA	-12.4	110	No Change
Blower Inlet-6	9/12/2012 6:46	5.2	16.1	4.7	74	NA	-12.4	112	No Change
Blower Inlet-6	9/27/2012 9:15	6	16.2	4.3	73.5	NA	-6.9	89	
Blower Inlet-6	10/10/2012 9:30	7.4	16.8	4.5	71.3	NA	-7	91	No Change
Blower Inlet-6	10/24/2012 9:14	7.7	17.3	4.2	70.8	NA	-7.4	81	No Change



**Table 3. LFG Sample Port and Blower Flare Station Monitoring Results
January Through December 2011
Eastgate Area Properties Landfill**

Name	Date Time	CH4 % by vol	CO2 % by vol	O2 % by vol	Bal Gas % by vol	VOC (ppm)	Init Stat Press In. H2O	Initial Flow scfm	Comment
Blower Inlet-6	11/14/2012 9:26	5.4	16	5.3	73.3	NA	-9.8	59	No Change
Blower Inlet-6	11/30/2012 6:51	5.7	17.3	3.1	73.9	NA	-11.9	51	No Change
Blower Inlet-6	12/13/2012 6:40	7.2	15.4	4.7	72.7	NA	-13.1	48	No Change
Blower Inlet-6	12/26/2012 6:38	12.6	19	2.3	66.1	NA	-11.7	42	No Change
Carbon Inlet	1/13/2012 7:12	5.6	15.2	5.5	73.7	0	5.7	69	
Carbon Inlet	1/13/2012 8:54	8.8	18.7	3.9	68.6	0	9.9	107	
Carbon Inlet	1/26/2012 8:04	5.5	14.8	5.6	74.1	0	6.9	70	
Carbon Inlet	1/26/2012 12:01	4	13.8	6.1	76.1	0	6.6	67	
Carbon Inlet	2/14/2012 13:49	2.3	12.2	7.8	77.7	23.9	6.4	66	
Carbon Inlet	2/23/2012 13:26	2.5	10.4	8.9	78.2	16.4	6.4	66	
Carbon Inlet	3/9/2012 7:10	4	14.4	3.1	78.5	16.8	6.9	70	
Carbon Inlet	3/30/2012 12:48	3.9	11.6	9.6	74.9	18.1	5.7	67	
Carbon Inlet	4/13/2012 7:05	18.6	17	4.3	60.1	5.9	12	134	
Carbon Inlet	4/24/2012 7:27	7.6	14.6	5.7	72.1	21.1	16.5	188	
Carbon Inlet	5/11/2012 7:53	4.8	14.9	6	74.3	27.6	11.5	137	
Carbon Inlet	5/22/2012 8:40	3.5	13.3	7	76.2	233.2	17.1	220	Prior to Carbon replacement
Carbon Inlet	5/22/2012 11:30	NT	NT	NT	NT	36.5	NT	170	Following Carbon replacement
Carbon Inlet	6/8/2012 7:09	5.5	15.5	4.8	74.2	35.3	15.8	159	
Carbon Inlet	6/22/2012 8:39	4.3	14.9	5.2	75.6	44.6	16.7	162	
Carbon Inlet	7/10/2012 8:27	4.4	15.3	5.1	75.2	39.8	16.8	166	
Carbon Inlet	7/26/2012 7:56	4.9	15.8	4.1	75.2	44.7	14.7	140	
Carbon Inlet	8/17/2012 9:20	5.7	15.8	4.2	74.3	44.9	14.3	138	Prior to Carbon replacement
Carbon Inlet	8/17/2012 11:45	NT	NT	NT	NT	44.1	NT	NA	Following Carbon replacement
Carbon Inlet	8/29/2012 8:26	6.2	16.4	4.2	73.2	38.6	14.2	141	
Carbon Inlet	9/12/2012 6:49	6.3	16.8	4	72.9	35.6	14.6	143	
Carbon Inlet	9/27/2012 9:18	7	17	3.6	72.4	44.1	10.3	112	
Carbon Inlet	10/10/2012 9:32	8.3	17.6	3.8	70.3	19.7	10.2	114	
Carbon Inlet	10/24/2012 9:17	8.9	18	3.6	69.5	37.4	10	105	
Carbon Inlet	11/14/2012 9:29	8.6	17.3	4.2	69.9	46.8	8.1	81	Prior to Carbon replacement
Carbon Inlet	11/14/2012 11:30	NT	NT	NT	NT	47.4	NT	81	Following Carbon replacement
Carbon Inlet	11/30/2012 6:54	5.8	17.2	3.3	73.7	6.1	6	99	
Carbon Inlet	12/13/2012 6:42	7.6	16.9	2.7	72.8	7.3	6	70	
Carbon Inlet	12/26/2012 6:42	12.5	19.2	2.4	65.9	7.4	6.2	42	
Carbon Middle	1/13/2012 7:13	5.4	15	5.6	74	0	4.5	NA	
Carbon Middle	1/13/2012 8:55	8.7	18.7	3.6	69	0	6.5	NA	
Carbon Middle	1/26/2012 8:05	5.4	14.9	5.5	74.2	0	4.9	NA	
Carbon Middle	1/26/2012 12:02	4.1	14.4	5.9	75.6	0	4.8	NA	
Carbon Middle	2/14/2012 13:50	2.3	12.2	7.8	77.7	5.9	4.7	NA	
Carbon Middle	2/23/2012 13:28	2.5	11.2	8.7	77.6	0	4.7	NA	
Carbon Middle	3/9/2012 7:12	4	15.3	3	77.7	3	4.9	NA	
Carbon Middle	3/30/2012 12:52	6.2	11.7	9.7	72.4	0	4.1	NA	
Carbon Middle	4/13/2012 7:07	18.8	16.8	4.4	60	2.7	7.5	NA	
Carbon Middle	4/24/2012 7:22	7.5	14.5	5.7	72.3	7.9	9.9	NA	
Carbon Middle	5/11/2012 7:58	4.7	14.9	5.9	74.5	16.8	7.4	NA	
Carbon Middle	5/22/2012 8:43	3.5	13.4	6.8	76.3	174.3	10.3	NA	Prior to Carbon replacement
Carbon Middle	5/22/2012 11:30	NT	NT	NT	NT	1.7	NT	NA	Following Carbon replacement
Carbon Middle	6/8/2012 7:12	5.5	15.5	4.8	74.2	0.6	9.4	NA	
Carbon Middle	6/22/2012 8:33	4.3	15	5.2	75.5	1.1	10.1	NA	
Carbon Middle	7/10/2012 8:30	4.4	15.3	4.9	75.4	4.4	10.1	NA	
Carbon Middle	7/26/2012 7:58	4.9	15.8	4.1	75.2	17.8	9.1	NA	



**Table 3. LFG Sample Port and Blower Flare Station Monitoring Results
January Through December 2011
Eastgate Area Properties Landfill**

Name	Date Time	CH4 % by vol	CO2 % by vol	O2 % by vol	Bal Gas % by vol	VOC (ppm)	Init Stat Press In. H2O	Initial Flow scfm	Comment
Carbon Middle	8/17/2012 9:22	5.7	16	4.1	74.2	34.2	9	NA	Prior to Carbon replacement
Carbon Middle	8/17/2012 11:45	NT	NT	NT	NT	0	NT	NA	Following Carbon replacement
Carbon Middle	8/29/2012 8:29	6.2	16.4	4.2	73.2	0	9	NA	
Carbon Middle	9/12/2012 6:51	6.3	16.8	4	72.9	0.9	9.1	NA	
Carbon Middle	9/27/2012 9:20	7	17	3.6	72.4	7.3	6.8	NA	
Carbon Middle	10/10/2012 9:34	8.3	17.6	3.8	70.3	6.5	6.7	NA	
Carbon Middle	10/24/2012 9:19	8.9	18	3.7	69.4	14.6	6.9	NA	
Carbon Middle	11/14/2012 9:31	8.6	17.3	4.2	69.9	36.4	5.5	NA	Prior to Carbon replacement
Carbon Middle	11/14/2012 11:30	NT	NT	NT	NT	0.4	NT	NA	Following Carbon replacement
Carbon Middle	11/30/2012 6:56	5.8	17	3.3	73.9	0	4.6	NA	
Carbon Middle	12/13/2012 6:45	7.7	16.7	2.8	72.8	0.3	4.7	NA	
Carbon Middle	12/26/2012 6:44	12.4	19.2	2.4	66	0.6	5.4	NA	
Carbon Outlet	1/13/2012 7:14	5.4	14.9	5.6	74.1	0	3.1	NA	
Carbon Outlet	1/13/2012 8:56	8.6	18.7	3.6	69.1	0	2.9	NA	
Carbon Outlet	1/26/2012 8:08	5.5	14.6	5.7	74.2	0	2.9	NA	
Carbon Outlet	1/26/2012 12:03	4.1	14.5	5.9	75.5	0	2.9	NA	
Carbon Outlet	2/14/2012 13:51	2.3	12.3	7.8	77.6	2	2.8	NA	
Carbon Outlet	2/23/2012 13:29	2.5	11.4	8.7	77.4	0	2.8	NA	
Carbon Outlet	3/9/2012 7:13	4	15.8	3	77.2	0	3	NA	
Carbon Outlet	3/30/2012 12:54	3.5	11.5	10	75	0	2.8	NA	
Carbon Outlet	4/13/2012 7:09	18.9	16.8	4.3	60	0	2.8	NA	
Carbon Outlet	4/24/2012 7:24	7.4	14.7	5.7	72.2	1.2	2.8	NA	
Carbon Outlet	5/11/2012 8:01	4.9	14.9	6	74.2	5.3	2.7	NA	
Carbon Outlet	5/22/2012 8:45	3.5	13.8	6.8	75.9	1.7	2.7	NA	Prior to Carbon replacement
Carbon Outlet	5/22/2012 11:30	NT	NT	NT	NT	0	NT	NA	Following Carbon replacement
Carbon Outlet	6/8/2012 7:14	5.6	15.5	4.8	74.1	0	2.7	NA	
Carbon Outlet	6/22/2012 8:36	4.4	14.9	5.3	75.4	0	3.1	NA	
Carbon Outlet	7/10/2012 8:33	4.3	15.4	4.9	75.4	0	2.8	NA	
Carbon Outlet	7/26/2012 8:00	4.9	15.8	4.1	75.2	0	3.4	NA	
Carbon Outlet	8/17/2012 9:25	5.7	15.8	4.1	74.4	0	3.4	NA	Prior to Carbon replacement
Carbon Outlet	8/17/2012 11:45	NT	NT	NT	NT	0	NT	NA	Following Carbon replacement
Carbon Outlet	8/29/2012 8:31	6.2	16.3	4.2	73.3	0	3.2	NA	
Carbon Outlet	9/12/2012 6:53	6.3	16.8	4	72.9	0	3.1	NA	
Carbon Outlet	9/27/2012 9:22	7	17	3.7	72.3	0	3.1	NA	
Carbon Outlet	10/10/2012 9:36	8.4	17.6	3.8	70.2	0	2.8	NA	
Carbon Outlet	10/24/2012 9:21	8.9	18	3.7	69.4	0	3.1	NA	
Carbon Outlet	11/14/2012 9:33	8.6	17.3	4.2	69.9	0	3	NA	Prior to Carbon replacement
Carbon Outlet	11/14/2012 11:30	NT	NT	NT	NT	0	NT	NA	Following Carbon replacement
Carbon Outlet	11/30/2012 6:58	5.9	16.9	3.5	73.7	0	3.2	NA	
Carbon Outlet	12/13/2012 6:46	7.2	16.7	2.9	73.2	0	3.3	NA	
Carbon Outlet	12/26/2012 6:47	12.1	19.1	2.4	66.4	0	3.3	NA	



**Table 4. LFG Blower Vent Station Operational Runtime Data
January through December 2012
Eastgate Area Properties Landfill**

Month	Manual or Automatic Operation	Total Monthly Runtime (Hours)	Comments
Jan-12	Manual	210	Operated 21 days for 10 hours each day
Feb-12	Manual	210	Operated 21 days for 10 hours each day
Mar-12	Manual/ Automatic	220	Operated 22 days for 10 hours each day
Apr-12	Automatic	300	Operated 30 days for 10 hours each day
May-12	Automatic	310	Operated 31 days for 10 hours each day
Jun-12	Automatic	300	Operated 30 days for 10 hours each day
Jul-12	Automatic	248	Operated 31 days for 8 hours each day
Aug-12	Automatic	248	Operated 31 days for 8 hours each day
Sep-12	Automatic	240	Operated 30 days for 8 hours each day
Oct-12	Automatic	248	Operated 31 days for 8 hours each day
Nov-12	Automatic	240	Operated 30 days for 8 hours each day
Dec-12	Automatic	248	Operated 31 days for 8 hours each day
Total Operational Runtime for 2012:		3022.00	



