

SCS FIELD SERVICES

March 6, 2014
File No. 07208104.13 Task 1

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

Subject: 2013 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. Scurlock:

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 2013. 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.

Throughout the 2013 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 2013 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. 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 timer controlled operation of the blower vent station and on-going monthly GCCS and extraction well adjustments methane gas concentrations were maintained to below 5 percent by volume or no methane gas detected (at all locations) in 2013.

As previously reported, historically, during winter, spring and fall months, as previously reported by the COB and other consulting firms, SCS believes that any elevated methane 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.

On August 7, 2013, SCS observed that the protective security monument, sample ports and top section of the probe for MW-9 and MW-10 had been removed/ damaged. On August 7, 2013, SCS installed new PVC caps, sample ports and secured the protective monuments at MW-9 and MW-10.

During this reporting period, January through December 2013, no additional repairs or modifications were needed or required on the LFG monitoring probe network.

LFG EXTRACTION WELLS

In accordance with the approved 2013 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 maintain slightly elevated 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 2013 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.

During this reporting period, January through December 2013, no repairs or modifications were needed or required on the LFG extraction well network.

LFG COLLECTION SYSTEM

In accordance with the approved 2013 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.

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. With more continuous daily operation of the blower vent station LFG collection system vacuum decreases were observed to be less during the 2013 winter months resulting in maintaining all perimeter monitoring well locations below 5 percent by volume methane gas concentrations throughout the entire 2013 reporting year.

LFG BLOWER VENT SYSTEM (BVS)

In accordance with the 2013 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 annual reporting period from January 1 through December 31, 2013 the BVS automatic time controller was set and operated eight (8) hours per day/ seven days per week. 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 2,920 hours during the 2013 reporting year.

Twice per month during 2013, 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 April 17, September 27, and December 11, 2013, 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.

During this reporting period, January through December 2013, no repairs or modifications were needed or required on the BVS.

SITE SURFACE OBSERVATION

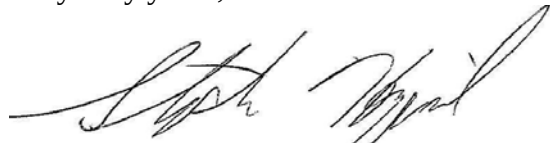
In accordance with the 2013 monitoring schedule, visual observation of the landfill surface along the extent of the LFG extraction system is performed at a minimum of twice per month. Observations for erosion, surface cracks (that might allow LFG to escape or promote air intrusion) and settlement around wells, laterals, and pipelines are conducted.

During this reporting period, no 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 2013 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

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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 2013
Eastgate Area Property Landfill**

GEM ID	GEM ID	Date Time	CH4 % by vol	CO2 % by vol	O2 % by vol	Bal Gas % by vol	Relative pressure (H2O)	Comment
BEGMW02D	MW02D	1/9/2013 7:51	0	0.1	20.9	79	0.07	
BEGMW02D	MW02D	1/24/2013 6:34	0	0.2	20.7	79.1	-0.08	
BEGMW02D	MW02D	2/6/2013 6:17	0	0.1	20.8	79.1	-0.18	
BEGMW02D	MW02D	2/21/2013 7:24	0	0.6	18.8	80.6	-0.1	
BEGMW02D	MW02D	3/8/2013 7:31	0	1.1	17	81.9	-0.04	
BEGMW02D	MW02D	3/19/2013 7:15	0	0.6	18.5	80.9	0.99	
BEGMW02D	MW02D	4/3/2013 6:57	0	0.9	17.9	81.2	0.6	
BEGMW02D	MW02D	4/17/2013 7:03	0	1.7	14.9	83.4	-0.56	
BEGMW02D	MW02D	5/8/2013 10:08	0	2.6	12.1	85.3	-0.46	
BEGMW02D	MW02D	5/22/2013 7:28	0	3.1	11.9	85	-0.26	
BEGMW02D	MW02D	6/5/2013 6:56	0	3.7	10.9	85.4	-0.34	
BEGMW02D	MW02D	6/21/2013 7:06	0	4.5	10.3	85.2	-0.34	
BEGMW02D	MW02D	7/10/2013 7:29	0	4.8	10.4	84.8	-0.26	
BEGMW02D	MW02D	7/24/2013 10:17	0	4.5	9.4	86.1	-0.38	
BEGMW02D	MW02D	8/7/2013 7:13	0	5.2	9.9	84.9	0.41	
BEGMW02D	MW02D	8/27/2013 7:19	0	5.4	10.3	84.3	0.61	
BEGMW02D	MW02D	9/12/2013 6:58	0	5.4	10.2	84.4	-0.33	
BEGMW02D	MW02D	9/27/2013 9:40	0	0.3	20.5	79.2	-0.16	
BEGMW02D	MW02D	10/11/2013 7:38	0	0.1	20.8	79.1	-0.44	
BEGMW02D	MW02D	10/24/2013 7:46	0	0.2	21	78.8	-0.46	
BEGMW02D	MW02D	11/13/2013 7:34	0	0.2	20.8	79	-0.61	
BEGMW02D	MW02D	11/27/2013 7:16	0	0.1	21	78.9	0.08	
BEGMW02D	MW02D	12/11/2013 7:53	0	0	21.1	78.9	1.09	
BEGMW02D	MW02D	12/24/2013 6:52	0	0	20.9	79.1	-0.22	
BEGMW02M	MW02M	1/9/2013 7:53	4.3	14.8	6.1	74.8	0.67	
BEGMW02M	MW02M	1/24/2013 6:37	4.2	10.8	11.1	73.9	0.7	
BEGMW02M	MW02M	2/6/2013 6:20	3.5	5.2	14.5	76.8	0.02	
BEGMW02M	MW02M	2/21/2013 7:26	4.6	10.8	7.5	77.1	-0.14	
BEGMW02M	MW02M	3/8/2013 7:34	3.7	6.2	12.5	77.6	-0.04	
BEGMW02M	MW02M	3/19/2013 7:17	0	11.7	2.1	86.2	0.42	
BEGMW02M	MW02M	4/3/2013 6:59	3	10.3	5	81.7	0.02	
BEGMW02M	MW02M	4/17/2013 7:05	3.2	10.4	7.9	78.5	0.14	
BEGMW02M	MW02M	5/8/2013 10:13	3.3	12.3	0.4	84	-0.32	
BEGMW02M	MW02M	5/22/2013 7:30	2.3	8.5	8.3	80.9	0.08	
BEGMW02M	MW02M	6/5/2013 6:57	3.8	9	6.5	80.7	-0.29	
BEGMW02M	MW02M	6/21/2013 7:16	3.7	14.5	3.3	78.5	-0.39	
BEGMW02M	MW02M	7/10/2013 7:32	1.8	9.4	10.3	78.5	-0.21	
BEGMW02M	MW02M	7/24/2013 10:24	2.8	12.1	11.9	73.2	0.14	
BEGMW02M	MW02M	8/7/2013 7:16	2.8	10.4	9.9	76.9	-0.29	
BEGMW02M	MW02M	8/27/2013 7:21	2.5	9.8	8.2	79.5	-0.12	
BEGMW02M	MW02M	9/12/2013 7:02	2.7	6.7	9.4	81.2	-0.2	
BEGMW02M	MW02M	9/27/2013 9:41	0	8	12.5	79.5	0.71	
BEGMW02M	MW02M	10/11/2013 7:42	0	1.3	19.4	79.3	-0.41	
BEGMW02M	MW02M	10/24/2013 7:49	3.3	1.9	18	76.8	-0.51	
BEGMW02M	MW02M	11/13/2013 7:37	0.2	1.4	18.9	79.5	0.16	
BEGMW02M	MW02M	11/27/2013 7:19	1.1	3.5	17.5	77.9	0.11	
BEGMW02M	MW02M	12/11/2013 7:55	0	0	21	79	0.03	
BEGMW02M	MW02M	12/24/2013 6:55	0	0	21.1	78.9	-0.18	
BEGMW02S	MW02S	1/9/2013 7:55	2.1	11.7	0.9	85.3	1.31	
BEGMW02S	MW02S	1/24/2013 6:39	1.7	10.5	0.4	87.4	0.85	
BEGMW02S	MW02S	2/6/2013 6:22	1.7	13.2	0	85.1	0.73	
BEGMW02S	MW02S	2/21/2013 7:28	3.2	12.6	0	84.2	-0.1	
BEGMW02S	MW02S	3/8/2013 7:35	4.2	3.2	10.4	82.2	-0.05	
BEGMW02S	MW02S	3/19/2013 7:19	1.9	12.7	0	85.4	0.66	
BEGMW02S	MW02S	4/3/2013 7:00	3	12.3	0	84.7	0.11	
BEGMW02S	MW02S	4/17/2013 7:06	3.6	12.4	0	84	-0.1	
BEGMW02S	MW02S	5/8/2013 10:10	4	12.7	0.1	83.2	-0.03	
BEGMW02S	MW02S	5/22/2013 7:31	4.3	13.9	0	81.8	0.05	
BEGMW02S	MW02S	6/5/2013 6:58	4.4	14.2	0	81.4	-0.02	
BEGMW02S	MW02S	6/21/2013 7:18	4.7	15.5	0	79.8	0.08	
BEGMW02S	MW02S	7/10/2013 7:34	4.5	16.4	0	79.1	0.02	
BEGMW02S	MW02S	7/24/2013 10:28	4.3	17.2	2.4	76.1	0.59	
BEGMW02S	MW02S	8/7/2013 7:19	4.6	18.5	0.2	76.7	-0.03	
BEGMW02S	MW02S	8/27/2013 7:23	3.5	17.1	1.5	77.9	0.01	
BEGMW02S	MW02S	9/12/2013 7:04	2.2	16.4	2.8	78.6	0	
BEGMW02S	MW02S	9/27/2013 9:43	2	19.5	0.2	78.3	-0.13	
BEGMW02S	MW02S	10/11/2013 7:44	2.8	18.8	0	78.4	-0.05	
BEGMW02S	MW02S	10/24/2013 7:51	4	17.7	0.1	78.2	0.05	
BEGMW02S	MW02S	11/13/2013 7:39	0.1	15	0.3	84.6	-0.05	
BEGMW02S	MW02S	11/27/2013 7:20	1.9	16.4	0	81.7	0.17	
BEGMW02S	MW02S	12/11/2013 7:56	2.5	15.3	0	82.2	0.76	
BEGMW02S	MW02S	12/24/2013 6:56	0	11.9	3.7	84.4	0.16	
BEGMW03D	MW03D	1/9/2013 7:58	3.2	19.4	3.4	74	-2.99	
BEGMW03D	MW03D	1/24/2013 6:41	3.9	17.7	3.5	74.9	0.22	
BEGMW03D	MW03D	2/6/2013 6:26	4.3	19.2	3.3	73.2	0.01	

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GEM ID	GEM ID	Date Time	CH4 % by vol	CO2 % by vol	O2 % by vol	Bal Gas % by vol	Relative pressure (H2O)	Comment
BEGMW03D	MW03D	2/21/2013 7:31	3.6	19.1	2.4	74.9	0.39	
BEGMW03D	MW03D	3/8/2013 7:37	4.7	20.8	1	73.5	-0.17	
BEGMW03D	MW03D	3/19/2013 7:22	4.4	21.5	0	74.1	0.04	
BEGMW03D	MW03D	4/3/2013 7:02	4.2	21.6	0.3	73.9	-0.11	
BEGMW03D	MW03D	4/17/2013 7:09	3.5	19.9	2.7	73.9	-0.39	
BEGMW03D	MW03D	5/8/2013 10:02	2.9	18.8	3	75.3	-0.48	
BEGMW03D	MW03D	5/22/2013 7:34	3.2	14.8	7.7	74.3	0.4	
BEGMW03D	MW03D	6/5/2013 7:01	4	18.5	4	73.5	-0.35	
BEGMW03D	MW03D	6/21/2013 7:22	4.9	22.8	0.3	72	-0.27	
BEGMW03D	MW03D	7/10/2013 7:36	4.4	23.2	0.4	72	-0.27	
BEGMW03D	MW03D	7/24/2013 7:12	3.9	21.6	1.3	73.2	-0.54	
BEGMW03D	MW03D	8/7/2013 7:23	3.8	22	1.2	73	-0.32	
BEGMW03D	MW03D	8/27/2013 7:26	3.7	22.2	0.7	73.4	-0.22	
BEGMW03D	MW03D	9/12/2013 7:08	1.8	16.5	3.7	78	-0.32	
BEGMW03D	MW03D	9/27/2013 7:27	4.5	23.5	0.4	71.6	-0.16	
BEGMW03D	MW03D	10/11/2013 7:49	5	23.4	0	71.6	-0.32	
BEGMW03D	MW03D	10/24/2013 7:54	4.5	22.8	0	72.7	-0.5	
BEGMW03D	MW03D	11/13/2013 7:42	3.3	22.2	0	74.5	-0.46	
BEGMW03D	MW03D	11/27/2013 7:24	2.5	22.2	0	75.3	0.02	
BEGMW03D	MW03D	12/11/2013 7:59	1.8	21.4	0	76.8	-0.15	
BEGMW03D	MW03D	12/24/2013 6:59	1.3	20.9	0	77.8	0	
BEGMW03M	MW03M	1/9/2013 7:59	4.4	21.7	0.6	73.3	0.15	
BEGMW03M	MW03M	1/24/2013 6:43	4.2	21.6	1.5	72.7	0.21	
BEGMW03M	MW03M	2/6/2013 6:28	4.4	22.7	0.6	72.3	0.13	
BEGMW03M	MW03M	2/21/2013 7:33	3.8	21.6	0.3	74.3	-0.09	
BEGMW03M	MW03M	3/8/2013 7:38	3.6	19.5	1.9	75	-0.21	
BEGMW03M	MW03M	3/19/2013 7:23	3.7	20.5	1.7	74.1	0.12	
BEGMW03M	MW03M	4/3/2013 7:03	3.7	20.7	0.3	75.3	0.13	
BEGMW03M	MW03M	4/17/2013 7:11	3.8	20.9	0.3	75	0.51	
BEGMW03M	MW03M	5/8/2013 10:03	3.3	17.9	1.2	77.6	-4.33	
BEGMW03M	MW03M	5/22/2013 7:36	3.7	20.2	0.7	75.4	0.02	
BEGMW03M	MW03M	6/5/2013 7:02	3.6	18.1	1.7	76.6	-0.03	
BEGMW03M	MW03M	6/21/2013 7:26	3.8	18.8	1.1	76.3	0.05	
BEGMW03M	MW03M	7/10/2013 7:38	4.7	14.1	7.2	74	0.01	
BEGMW03M	MW03M	7/24/2013 7:13	4.5	11.2	9.5	74.8	0.52	
BEGMW03M	MW03M	8/7/2013 7:26	4.5	17.9	4.7	72.9	-0.05	
BEGMW03M	MW03M	8/27/2013 7:28	4.4	18.6	2.3	74.7	0	
BEGMW03M	MW03M	9/12/2013 7:11	1.4	14.5	5.4	78.7	-0.05	
BEGMW03M	MW03M	9/27/2013 7:30	4.6	21.8	0.9	72.7	2.48	
BEGMW03M	MW03M	10/11/2013 7:52	3.8	21.1	1.3	73.8	-0.04	
BEGMW03M	MW03M	10/24/2013 7:57	4.5	24.1	0	71.4	0.03	
BEGMW03M	MW03M	11/13/2013 7:43	2.4	22.8	0	74.8	-0.07	
BEGMW03M	MW03M	11/27/2013 7:25	1.9	21.8	0	76.3	0.16	
BEGMW03M	MW03M	12/11/2013 8:01	1.6	18.6	3.4	76.4	0.22	
BEGMW03M	MW03M	12/24/2013 7:02	1.7	20.3	0	78	0.15	
BEGMW03S	MW03S	1/9/2013 8:01	0.1	5.6	6.1	88.2	-6	
BEGMW03S	MW03S	1/24/2013 6:45	0	0.8	20.8	78.4	0.24	
BEGMW03S	MW03S	2/6/2013 6:31	0	2.2	19.2	78.6	0.2	
BEGMW03S	MW03S	2/21/2013 7:35	0	3.5	18.4	78.1	0.09	
BEGMW03S	MW03S	3/8/2013 7:40	0	0.5	20.8	78.7	-5.86	
BEGMW03S	MW03S	3/19/2013 7:25	0	3.5	17.9	78.6	-5.25	
BEGMW03S	MW03S	4/3/2013 7:06	0	0.3	20.9	78.8	0.15	
BEGMW03S	MW03S	4/17/2013 7:13	0	0.4	20.8	78.8	-0.07	
BEGMW03S	MW03S	5/8/2013 10:05	0	0.3	20.5	79.2	-0.02	
BEGMW03S	MW03S	5/22/2013 7:38	0	0.2	20.8	79	0.19	
BEGMW03S	MW03S	6/5/2013 7:03	0	0.3	20.7	79	0	
BEGMW03S	MW03S	6/21/2013 7:28	0	3.7	18.4	77.9	0.06	
BEGMW03S	MW03S	7/10/2013 7:40	0	3	18.8	78.2	0.03	
BEGMW03S	MW03S	7/24/2013 7:16	0	4	18.2	77.8	-5.21	
BEGMW03S	MW03S	8/7/2013 7:29	0	5	17.9	77.1	-0.04	
BEGMW03S	MW03S	8/27/2013 7:30	0	5.1	17.2	77.7	0.01	
BEGMW03S	MW03S	9/12/2013 7:14	0	4.8	17.5	77.7	-0.02	
BEGMW03S	MW03S	9/27/2013 7:32	0	6.9	16.2	76.9	-0.08	
BEGMW03S	MW03S	10/11/2013 7:55	0	4.8	16.8	78.4	-0.02	
BEGMW03S	MW03S	10/24/2013 7:59	0	0.5	20.8	78.7	0.08	
BEGMW03S	MW03S	11/13/2013 7:45	0	0.5	21.1	78.4	-0.02	
BEGMW03S	MW03S	11/27/2013 7:28	0	3.9	19.2	76.9	0.19	
BEGMW03S	MW03S	12/11/2013 8:03	0	0.1	21.3	78.6	0.24	
BEGMW03S	MW03S	12/24/2013 7:04	0	0.3	21.5	78.2	0.17	
BEGMW04D	MW04D	1/9/2013 8:05	0	1.2	20.8	78	1.34	
BEGMW04D	MW04D	1/24/2013 6:50	0	0.2	20.8	79	-0.54	
BEGMW04D	MW04D	2/6/2013 6:36	0	0.2	20.8	79	1.12	
BEGMW04D	MW04D	2/21/2013 7:39	0	0.3	20.8	78.9	-0.06	
BEGMW04D	MW04D	3/8/2013 7:43	0	0.1	20.9	79	0.47	
BEGMW04D	MW04D	3/19/2013 7:29	0	0.4	20.8	78.8	0.18	

**Table 1. LFG Monitoring Probe Test Results
January Through December 2013
Eastgate Area Property Landfill**

GEM ID	GEM ID	Date Time	CH4 % by vol	CO2 % by vol	O2 % by vol	Bal Gas % by vol	Relative pressure (H2O)	Comment
BEGMW04D	MW04D	4/3/2013 7:09	0	0.2	20.8	79	0.18	
BEGMW04D	MW04D	4/17/2013 7:16	0	0.2	20.8	79	-1.13	
BEGMW04D	MW04D	5/8/2013 9:55	0	0.3	20.4	79.3	-0.01	
BEGMW04D	MW04D	5/22/2013 7:42	0	0.1	20.8	79.1	0.01	
BEGMW04D	MW04D	6/5/2013 7:06	0	0.2	20.9	78.9	0	
BEGMW04D	MW04D	6/21/2013 7:33	0	0.1	20.8	79.1	0.07	
BEGMW04D	MW04D	7/10/2013 7:44	0	0.1	20.7	79.2	0.04	
BEGMW04D	MW04D	7/24/2013 7:20	0	0.1	20.6	79.3	-0.01	
BEGMW04D	MW04D	8/7/2013 7:33	0	0.1	20.8	79.1	-0.03	
BEGMW04D	MW04D	8/27/2013 7:33	0	0.2	20.9	78.9	0.02	
BEGMW04D	MW04D	9/12/2013 7:17	0	0.1	20.8	79.1	-0.01	
BEGMW04D	MW04D	9/27/2013 7:38	0	0.2	20.8	79	-0.06	
BEGMW04D	MW04D	10/11/2013 7:59	0	0.3	20.8	78.9	-0.15	
BEGMW04D	MW04D	10/24/2013 8:02	0	0.4	20.9	78.7	0.02	
BEGMW04D	MW04D	11/13/2013 7:47	0	0.4	20.9	78.7	-1.19	
BEGMW04D	MW04D	11/27/2013 7:31	0	0.1	21.5	78.4	1.42	
BEGMW04D	MW04D	12/11/2013 8:06	0	0.2	20.8	79	0.25	
BEGMW04D	MW04D	12/24/2013 7:09	0	0.1	21	78.9	0.19	
BEGMW04M	MW04M	1/9/2013 8:07	4	10.4	10.9	74.7	0.73	
BEGMW04M	MW04M	1/24/2013 6:51	4.6	18.2	1.4	75.8	0.76	
BEGMW04M	MW04M	2/6/2013 6:38	4.1	18.5	0.5	76.9	-0.09	
BEGMW04M	MW04M	2/21/2013 7:41	3.9	17.4	1	77.7	-0.1	
BEGMW04M	MW04M	3/8/2013 7:45	4.2	18.8	0.2	76.8	0.61	
BEGMW04M	MW04M	3/19/2013 7:30	4.1	17.6	0.6	77.7	0.83	
BEGMW04M	MW04M	4/3/2013 7:10	3.8	16.5	1.1	78.6	0	
BEGMW04M	MW04M	4/17/2013 7:17	3.8	16.7	1	78.5	-0.24	
BEGMW04M	MW04M	5/8/2013 9:57	3	16.2	1.1	79.7	-0.27	
BEGMW04M	MW04M	5/22/2013 7:44	2.7	3.1	2	92.2	-0.11	
BEGMW04M	MW04M	6/5/2013 7:07	4.1	16.5	0.9	78.5	-0.17	
BEGMW04M	MW04M	6/21/2013 7:35	4.1	17.8	0.2	77.9	-0.16	
BEGMW04M	MW04M	7/10/2013 7:46	4.6	17.4	0	78	-0.21	
BEGMW04M	MW04M	7/24/2013 7:22	4.6	17.2	0	78.2	0.43	
BEGMW04M	MW04M	8/7/2013 7:35	4.7	17.6	0	77.7	-0.29	
BEGMW04M	MW04M	8/27/2013 7:35	4.7	17.9	0	77.4	-0.17	
BEGMW04M	MW04M	9/12/2013 7:20	2.8	16.3	1.3	79.6	-0.23	
BEGMW04M	MW04M	9/27/2013 7:39	4.7	17.4	0.2	77.7	-0.19	
BEGMW04M	MW04M	10/11/2013 8:00	4.8	16.6	0.2	78.4	-0.44	
BEGMW04M	MW04M	10/24/2013 8:04	4.3	18.1	0	77.6	-0.26	
BEGMW04M	MW04M	11/13/2013 7:49	1.9	18	0.1	80	-0.37	
BEGMW04M	MW04M	11/27/2013 7:33	1.4	18.1	0	80.5	0	
BEGMW04M	MW04M	12/11/2013 8:07	1.2	17.7	0.1	81	-0.01	
BEGMW04M	MW04M	12/24/2013 7:11	0.4	15.9	2.3	81.4	-0.06	
BEGMW04S	MW04S	1/9/2013 8:09	0.5	15.8	0	83.7	0.82	
BEGMW04S	MW04S	1/24/2013 6:52	0.4	14.5	0.1	85	0.64	
BEGMW04S	MW04S	2/6/2013 6:40	0.3	15.9	0	83.8	1.14	
BEGMW04S	MW04S	2/21/2013 7:43	0.3	14.7	0.2	84.8	-0.15	
BEGMW04S	MW04S	3/8/2013 7:46	0.2	14.2	0.3	85.3	0.52	
BEGMW04S	MW04S	3/19/2013 7:32	0.2	15.1	0	84.7	0.12	
BEGMW04S	MW04S	4/3/2013 7:11	0.1	14.9	0	85	0.02	
BEGMW04S	MW04S	4/17/2013 7:19	0.2	15.2	0	84.6	-0.2	
BEGMW04S	MW04S	5/8/2013 9:58	0	15.2	0	84.8	-0.23	
BEGMW04S	MW04S	5/22/2013 7:45	0	15.8	0	84.2	-0.08	
BEGMW04S	MW04S	6/5/2013 7:08	0	16	0	84	-0.16	
BEGMW04S	MW04S	6/21/2013 7:38	0.1	16.8	0	83.1	-0.14	
BEGMW04S	MW04S	7/10/2013 7:48	0	16.9	0	83.1	-0.17	
BEGMW04S	MW04S	7/24/2013 7:24	0.1	17.5	0	82.4	-0.19	
BEGMW04S	MW04S	8/7/2013 7:37	0.1	18.1	0	81.8	-0.26	
BEGMW04S	MW04S	8/27/2013 7:37	0.2	18.6	0	81.2	-0.16	
BEGMW04S	MW04S	9/12/2013 7:22	0.2	18.7	0	81.1	-0.2	
BEGMW04S	MW04S	9/27/2013 7:41	0.2	19	0	80.8	-0.19	
BEGMW04S	MW04S	10/11/2013 8:01	0.3	18.1	0.2	81.4	-0.21	
BEGMW04S	MW04S	10/24/2013 8:06	0	15.6	9.1	75.3	-0.24	
BEGMW04S	MW04S	11/13/2013 7:51	0	9.3	12.1	78.6	-0.3	
BEGMW04S	MW04S	11/27/2013 7:35	0	8.5	12.5	79	0.04	
BEGMW04S	MW04S	12/11/2013 8:09	0	7.6	13.3	79.1	0.01	
BEGMW04S	MW04S	12/24/2013 7:13	0	0.1	21	78.9	-0.01	
BEGMW05D	MW05D	1/9/2013 8:12	0	3.5	1.5	95	6.26	
BEGMW05D	MW05D	1/24/2013 6:55	0	3.9	1.7	94.4	0.31	
BEGMW05D	MW05D	2/6/2013 6:44	0	3.9	1.7	94.4	1.26	
BEGMW05D	MW05D	2/21/2013 7:46	0	3.9	1.4	94.7	-3.84	
BEGMW05D	MW05D	3/8/2013 7:48	0	3.9	1.9	94.2	-2.09	
BEGMW05D	MW05D	3/19/2013 7:35	0	3.7	1.7	94.6	-5.58	
BEGMW05D	MW05D	4/3/2013 7:14	0	3.9	2.3	93.8	-7.89	
BEGMW05D	MW05D	4/17/2013 7:21	0	2.4	2.9	94.7	-9.55	
BEGMW05D	MW05D	5/8/2013 9:50	0	2.4	2.7	94.9	-4.37	

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GEM ID	GEM ID	Date Time	CH4 % by vol	CO2 % by vol	O2 % by vol	Bal Gas % by vol	Relative pressure (H2O)	Comment
BEGMW05D	MW05D	5/22/2013 7:48	0	1.2	17.3	81.5	0.05	
BEGMW05D	MW05D	6/5/2013 7:12	0	1.9	11	87.1	-0.03	
BEGMW05D	MW05D	6/21/2013 7:42	0	1.4	15.2	83.4	0.01	
BEGMW05D	MW05D	7/10/2013 7:51	0	1.4	18.7	79.9	-0.04	
BEGMW05D	MW05D	7/24/2013 7:27	0	1.4	19.4	79.2	-0.11	
BEGMW05D	MW05D	8/7/2013 7:41	0	2.2	13.7	84.1	-0.14	
BEGMW05D	MW05D	8/27/2013 7:40	0	2.9	18.3	78.8	-0.03	
BEGMW05D	MW05D	9/12/2013 7:25	0	3.4	9.7	86.9	-0.04	
BEGMW05D	MW05D	9/27/2013 7:44	0	3.3	7.1	89.6	0.11	
BEGMW05D	MW05D	10/11/2013 8:04	0	3.3	6.2	90.5	-0.21	
BEGMW05D	MW05D	10/24/2013 8:08	0	1.6	19.7	78.7	0.04	
BEGMW05D	MW05D	11/13/2013 7:53	0	3.1	9.1	87.8	-0.2	
BEGMW05D	MW05D	11/27/2013 7:38	0	3.2	8.4	88.4	0.06	
BEGMW05D	MW05D	12/11/2013 8:12	0	3.2	7.7	89.1	0.21	
BEGMW05D	MW05D	12/24/2013 7:16	0	3.4	6	90.6	0.05	
BEGMW05S	MW05S	1/9/2013 8:12	0	11.6	1.3	87.1	0.19	
BEGMW05S	MW05S	1/24/2013 6:57	0	9.8	1.6	88.6	0.25	
BEGMW05S	MW05S	2/6/2013 6:46	0	13	0	87	0.13	
BEGMW05S	MW05S	2/21/2013 7:48	0	12.9	0	87.1	-0.06	
BEGMW05S	MW05S	3/8/2013 7:49	0	11.4	0.9	87.7	-0.04	
BEGMW05S	MW05S	3/19/2013 7:37	0	12.5	0.1	87.4	0.22	
BEGMW05S	MW05S	4/3/2013 7:15	0	12.6	0.3	87.1	0.16	
BEGMW05S	MW05S	4/17/2013 7:23	0	12.5	0.7	86.8	-0.07	
BEGMW05S	MW05S	5/8/2013 9:52	0	13.3	0.5	86.2	-0.02	
BEGMW05S	MW05S	5/22/2013 7:50	0	13.4	1	85.6	0.06	
BEGMW05S	MW05S	6/5/2013 7:13	0	13.6	1.2	85.2	-0.01	
BEGMW05S	MW05S	6/21/2013 7:45	0	14.4	1	84.6	0.04	
BEGMW05S	MW05S	7/10/2013 7:53	0	14.9	0.9	84.2	0	
BEGMW05S	MW05S	7/24/2013 7:28	0	15.7	1	83.3	-0.04	
BEGMW05S	MW05S	8/7/2013 7:44	0	16	0.9	83.1	-0.05	
BEGMW05S	MW05S	8/27/2013 7:42	0	17	0.9	82.1	0	
BEGMW05S	MW05S	9/12/2013 7:26	0	16.4	1.6	82	-0.09	
BEGMW05S	MW05S	9/27/2013 7:46	0	19.1	0.2	80.7	-0.08	
BEGMW05S	MW05S	10/11/2013 8:14	0	16.6	1.7	81.7	-0.03	
BEGMW05S	MW05S	10/24/2013 8:09	0	17.9	1.1	81	0.07	
BEGMW05S	MW05S	11/13/2013 7:55	0	16.6	4.3	79.1	-0.03	
BEGMW05S	MW05S	11/27/2013 7:40	0	16.3	4.9	78.8	0.18	
BEGMW05S	MW05S	12/11/2013 8:14	0	15.5	5.9	78.6	0.21	
BEGMW05S	MW05S	12/24/2013 7:18	0	14.6	6.7	78.7	0.14	
BEGMW06D	MW06D	1/9/2013 8:16	0	2.5	15.4	82.1	3.28	
BEGMW06D	MW06D	1/24/2013 7:35	0.1	2.9	14.5	82.5	-0.23	
BEGMW06D	MW06D	2/6/2013 6:48	0	2.1	14.3	83.6	0.03	
BEGMW06D	MW06D	2/21/2013 7:51	0	1.9	14.8	83.3	-0.18	
BEGMW06D	MW06D	3/8/2013 7:52	0	2.6	16.9	80.5	0.19	
BEGMW06D	MW06D	3/19/2013 7:39	0	1.9	17.3	80.8	0.3	
BEGMW06D	MW06D	4/3/2013 7:18	0	2.1	17.2	80.7	0.06	
BEGMW06D	MW06D	4/17/2013 7:25	0	2	17.4	80.6	-0.19	
BEGMW06D	MW06D	5/8/2013 9:46	0	1.1	17.5	81.4	-0.17	
BEGMW06D	MW06D	5/22/2013 7:53	0	1.5	18.2	80.3	-0.06	
BEGMW06D	MW06D	6/5/2013 7:16	0	1.9	18.8	79.3	-0.1	
BEGMW06D	MW06D	6/21/2013 7:48	0	2.5	18.5	79	-0.06	
BEGMW06D	MW06D	7/10/2013 7:56	0	2.3	17.1	80.6	-0.09	
BEGMW06D	MW06D	7/24/2013 7:31	0	2.7	17.6	79.7	-0.17	
BEGMW06D	MW06D	8/7/2013 7:48	0	3.1	17.4	79.5	-0.16	
BEGMW06D	MW06D	8/27/2013 7:45	0	2.6	17.5	79.9	-0.02	
BEGMW06D	MW06D	9/12/2013 7:29	0	1.9	16.3	81.8	-0.15	
BEGMW06D	MW06D	9/27/2013 7:49	0	1.8	16.4	81.8	-0.01	
BEGMW06D	MW06D	10/11/2013 8:09	0	2.1	15.5	82.4	-0.06	
BEGMW06D	MW06D	10/24/2013 8:13	0	2.1	16.5	81.4	-0.1	
BEGMW06D	MW06D	11/13/2013 7:58	0	2.4	19.2	78.4	-0.28	
BEGMW06D	MW06D	11/27/2013 7:43	0	2.1	18.1	79.8	0.3	
BEGMW06D	MW06D	12/11/2013 8:18	0	2	18.5	79.5	-0.19	
BEGMW06D	MW06D	12/24/2013 7:23	0	1.9	18.7	79.4	-0.22	
BEGMW06S	MW06S	1/9/2013 8:17	0	1.5	20.1	78.4	0.17	
BEGMW06S	MW06S	1/24/2013 7:36	0	1.8	19.9	78.3	0.08	
BEGMW06S	MW06S	2/6/2013 6:50	0	1.5	19.3	79.2	0.13	
BEGMW06S	MW06S	2/21/2013 7:52	0	1.5	19.6	78.9	-0.11	
BEGMW06S	MW06S	3/8/2013 7:53	0	1.5	19.7	78.8	-0.06	
BEGMW06S	MW06S	3/19/2013 7:41	0	1.2	20.4	78.4	0.14	
BEGMW06S	MW06S	4/3/2013 7:19	0	1.6	19.2	79.2	0.17	
BEGMW06S	MW06S	4/17/2013 7:27	0	1.5	19.4	79.1	-0.06	
BEGMW06S	MW06S	5/8/2013 9:47	0	1.8	18.4	79.8	-0.01	
BEGMW06S	MW06S	5/22/2013 7:54	0	2.1	18.9	79	0.07	
BEGMW06S	MW06S	6/5/2013 7:17	0	2.4	18.3	79.3	0	
BEGMW06S	MW06S	6/21/2013 7:51	0	2.6	18.4	79	-0.03	

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GEM ID	GEM ID	Date Time	CH4 % by vol	CO2 % by vol	O2 % by vol	Bal Gas % by vol	Relative pressure (H2O)	Comment
BEGMW06S	MW06S	7/10/2013 7:58	0	3	17.3	79.7	0.01	
BEGMW06S	MW06S	7/24/2013 7:33	0	3.2	17.2	79.6	-4.47	
BEGMW06S	MW06S	8/7/2013 7:50	0	3.4	17.2	79.4	-0.05	
BEGMW06S	MW06S	8/27/2013 7:46	0	3.8	16.8	79.4	0	
BEGMW06S	MW06S	9/12/2013 7:31	0	3.7	16	80.3	-0.03	
BEGMW06S	MW06S	9/27/2013 7:51	0	4.1	17.2	78.7	-0.07	
BEGMW06S	MW06S	10/11/2013 8:10	0	3.3	18.1	78.6	-0.02	
BEGMW06S	MW06S	10/24/2013 8:14	0	2.9	19.2	77.9	0.09	
BEGMW06S	MW06S	11/13/2013 7:59	0	2.5	19.2	78.3	-0.01	
BEGMW06S	MW06S	11/27/2013 7:44	0	2.2	19.5	78.3	0.17	
BEGMW06S	MW06S	12/11/2013 8:19	0	1.2	20.6	78.2	0.2	
BEGMW06S	MW06S	12/24/2013 7:24	0	1.6	19.8	78.6	0.14	
BEGMW08D	MW08D	1/9/2013 9:18	0	0.8	20.7	78.5	-1.51	
BEGMW08D	MW08D	1/24/2013 7:40	0	1.3	20.3	78.4	-2.2	
BEGMW08D	MW08D	2/6/2013 7:21	0	1	19.5	79.5	-1.11	
BEGMW08D	MW08D	2/21/2013 8:44	0	0.7	20.1	79.2	-0.54	
BEGMW08D	MW08D	3/8/2013 8:43	0	1.3	20.3	78.4	-0.8	
BEGMW08D	MW08D	3/19/2013 8:25	0	0.5	20.7	78.8	-1.16	
BEGMW08D	MW08D	4/3/2013 8:01	0	0.6	20.5	78.9	-0.06	
BEGMW08D	MW08D	4/17/2013 8:25	0	0.7	20.3	79	-7.21	
BEGMW08D	MW08D	5/8/2013 7:28	0	0.3	20.8	78.9	-0.05	
BEGMW08D	MW08D	5/22/2013 8:10	0	0.5	20.9	78.6	0.04	
BEGMW08D	MW08D	6/5/2013 7:42	0	0.3	20.7	79	-0.07	
BEGMW08D	MW08D	6/21/2013 7:55	0	0.4	20.6	79	-0.04	
BEGMW08D	MW08D	7/10/2013 8:03	0	0.4	20.6	79	-0.03	
BEGMW08D	MW08D	7/10/2013 8:03	0	0.4	20.6	79	-34.87	
BEGMW08D	MW08D	7/24/2013 7:37	0	0.4	20.2	79.4	-0.06	
BEGMW08D	MW08D	8/7/2013 7:56	0	0.4	20.2	79.4	-0.13	
BEGMW08D	MW08D	8/27/2013 7:52	0	0.4	20.7	78.9	0	
BEGMW08D	MW08D	9/12/2013 7:36	0	0.4	20.7	78.9	-0.07	
BEGMW08D	MW08D	9/27/2013 7:56	0	0.5	20.8	78.7	-0.11	
BEGMW08D	MW08D	10/11/2013 8:18	0	0.7	20.4	78.9	-0.29	
BEGMW08D	MW08D	10/24/2013 8:20	0	0.9	20.7	78.4	-6.13	
BEGMW08D	MW08D	11/13/2013 8:12	0	0.6	20.5	78.9	-0.38	
BEGMW08D	MW08D	11/27/2013 7:48	0	0.7	20.4	78.9	-1.22	
BEGMW08D	MW08D	12/11/2013 8:24	0	0.8	20.5	78.7	-15.25	
BEGMW08D	MW08D	12/24/2013 7:30	0	0.7	20.3	79	-11.99	
BEGMW08M	MW08M	1/9/2013 9:19	0	0.9	20.6	78.5	-59.65	
BEGMW08M	MW08M	1/24/2013 7:41	0	1.9	17.2	80.9	2.6	
BEGMW08M	MW08M	2/6/2013 7:22	0	2.9	16.3	80.8	1.82	
BEGMW08M	MW08M	2/21/2013 8:45	0	2.1	17.5	80.4	4.01	
BEGMW08M	MW08M	3/8/2013 8:44	0	2.2	18	79.8	2.65	
BEGMW08M	MW08M	3/19/2013 8:26	0	2	18.2	79.8	2.95	
BEGMW08M	MW08M	4/3/2013 8:02	0	1.6	18.5	79.9	1.63	
BEGMW08M	MW08M	4/17/2013 8:26	0	1.1	18.8	80.1	-1.51	
BEGMW08M	MW08M	5/8/2013 7:29	0	0.9	20.6	78.5	-0.06	
BEGMW08M	MW08M	5/22/2013 8:11	0	1.7	18.8	79.5	2.79	
BEGMW08M	MW08M	6/5/2013 7:43	0	0.5	20.3	79.2	0.02	
BEGMW08M	MW08M	6/21/2013 7:58	0	2.4	18.2	79.4	-1.62	
BEGMW08M	MW08M	7/10/2013 8:05	0	0.3	20.6	79.1	-0.67	
BEGMW08M	MW08M	7/24/2013 7:38	0	0.1	20.5	79.4	-0.27	
BEGMW08M	MW08M	8/7/2013 10:35	0	0.3	19.9	79.8	-0.56	
BEGMW08M	MW08M	8/27/2013 7:55	0	0.3	20.6	79.1	-0.57	
BEGMW08M	MW08M	9/12/2013 7:38	0	11.2	10.2	78.6	-0.05	
BEGMW08M	MW08M	9/27/2013 7:58	0	0.3	20.8	78.9	-0.24	
BEGMW08M	MW08M	10/11/2013 8:20	0	2	18.4	79.6	-1.17	
BEGMW08M	MW08M	10/24/2013 8:21	0	2.3	18.5	79.2	-0.44	
BEGMW08M	MW08M	11/13/2013 8:13	0	5.6	15.4	79	-0.08	
BEGMW08M	MW08M	11/27/2013 7:49	0	3.6	17.1	79.3	-0.13	
BEGMW08M	MW08M	12/11/2013 8:25	0	3	18	79	0.54	
BEGMW08M	MW08M	12/24/2013 7:32	0	2.1	20.1	77.8	0	
BEGMW08S	MW08S	1/9/2013 9:20	0	1.9	17.4	80.7	4.32	
BEGMW08S	MW08S	1/24/2013 7:43	0	1.8	19.7	78.5	-17.06	
BEGMW08S	MW08S	2/6/2013 7:24	0	1.8	18.7	79.5	-0.41	
BEGMW08S	MW08S	2/21/2013 8:46	0.1	1.4	19.9	78.6	-68.52	
BEGMW08S	MW08S	3/8/2013 8:45	0	1.6	20.6	77.8	-25.81	
BEGMW08S	MW08S	3/19/2013 8:27	0	1.5	20.6	77.9	-29.59	
BEGMW08S	MW08S	4/3/2013 8:04	0	1.1	20.2	78.7	-0.18	
BEGMW08S	MW08S	4/17/2013 8:28	0	1.2	20.1	78.7	-3.02	
BEGMW08S	MW08S	5/8/2013 7:31	0	2.1	18.7	79.2	0.93	
BEGMW08S	MW08S	5/22/2013 8:12	0	10.6	5.9	83.5	0.06	
BEGMW08S	MW08S	6/5/2013 7:44	0.2	13.9	3.4	82.5	-0.04	
BEGMW08S	MW08S	6/21/2013 8:00	0	15.1	2.5	82.4	0.03	
BEGMW08S	MW08S	7/10/2013 8:06	0	12	6.2	81.8	0	
BEGMW08S	MW08S	7/24/2013 7:40	0	12.2	7.3	80.5	-0.07	

**Table 1. LFG Monitoring Probe Test Results
January Through December 2013
Eastgate Area Property Landfill**

GEM ID	GEM ID	Date Time	CH4 % by vol	CO2 % by vol	O2 % by vol	Bal Gas % by vol	Relative pressure (H2O)	Comment
BEGMW08S	MW08S	8/7/2013 8:00	0	0.3	20.3	79.4	-0.87	
BEGMW08S	MW08S	8/27/2013 7:56	0	10.2	11.2	78.6	-0.01	
BEGMW08S	MW08S	9/12/2013 7:40	0	1	19.7	79.3	-1.08	
BEGMW08S	MW08S	9/27/2013 8:00	0	8.2	14.1	77.7	-0.08	
BEGMW08S	MW08S	10/11/2013 8:21	0	7.5	13.7	78.8	-0.07	
BEGMW08S	MW08S	10/24/2013 8:23	0	7.7	13.4	78.9	0.06	
BEGMW08S	MW08S	11/13/2013 8:14	0	2.4	18.4	79.2	-1.83	
BEGMW08S	MW08S	11/27/2013 7:50	0	5.8	15.4	78.8	0.17	
BEGMW08S	MW08S	12/11/2013 8:27	0	5.5	16.1	78.4	0.18	
BEGMW09D	MW08S	12/24/2013 7:34	0	4.2	16.7	79.1	-2.38	
BEGMW09D	MW09D	1/9/2013 9:23	0	1.5	20.7	77.8	-1.1	
BEGMW09D	MW09D	1/24/2013 7:59	0.1	5	19.5	75.4	-4.89	
BEGMW09D	MW09D	2/6/2013 8:00	0	1.4	20	78.6	0	
BEGMW09D	MW09D	2/21/2013 8:49	0	0.6	20.5	78.9	-1.72	
BEGMW09D	MW09D	3/8/2013 8:48	0	0.6	20.8	78.6	-10.07	
BEGMW09D	MW09D	3/19/2013 8:32	0.1	1.5	20.5	77.9	-4.67	
BEGMW09D	MW09D	4/3/2013 8:07	0	1	20.2	78.8	0.15	
BEGMW09D	MW09D	4/17/2013 8:31	0	0.9	20.1	79	-2.18	
BEGMW09D	MW09D	5/8/2013 7:34	0	0.9	20.4	78.7	-0.8	
BEGMW09D	MW09D	5/22/2013 8:16	0	1.1	20.4	78.5	-0.74	
BEGMW09D	MW09D	6/5/2013 7:47	0	0.9	20.3	78.8	-0.42	
BEGMW09D	MW09D	6/21/2013 8:15	0	0.7	20.1	79.2	-0.67	
BEGMW09D	MW09D	7/10/2013 8:22	0	0.7	20.2	79.1	-0.99	
BEGMW09D	MW09D	7/24/2013 7:57	0	0.8	19.8	79.4	-0.73	
BEGMW09D	MW09D	8/7/2013 9:05	0	0.6	19.9	79.5	0.02	
BEGMW09D	MW09D	8/27/2013 8:10	0	1.4	19	79.6	0.05	
BEGMW09D	MW09D	9/12/2013 7:59	0	2.4	17.8	79.8	-2.43	
BEGMW09D	MW09D	9/27/2013 8:18	0	1.4	19.5	79.1	-21.06	
BEGMW09D	MW09D	10/11/2013 8:43	0.1	1.3	20.2	78.4	-39.18	
BEGMW09D	MW09D	10/24/2013 8:58	0.1	2.4	20.7	76.8	-33.85	
BEGMW09D	MW09D	11/13/2013 8:27	0.1	2.6	20.4	76.9	-36.2	
BEGMW09D	MW09D	11/27/2013 8:07	0	0.2	20.7	79.1	-7.54	
BEGMW09D	MW09D	12/11/2013 8:46	0	2.7	17.9	79.4	-1.39	
BEGMW09D	MW09D	12/24/2013 7:40	0	2.3	17.6	80.1	-9.52	
BEGMW09M	MW09M	1/9/2013 9:24	0	1.2	12.7	86.1	-0.14	
BEGMW09M	MW09M	1/24/2013 8:00	0	1.7	16.6	81.7	0.15	
BEGMW09M	MW09M	2/6/2013 8:01	0	1.1	17.1	81.8	3.23	
BEGMW09M	MW09M	2/21/2013 8:50	0	0.6	19.9	79.5	-8.91	
BEGMW09M	MW09M	3/8/2013 8:49	0	0.6	20.8	78.6	-7.71	
BEGMW09M	MW09M	3/19/2013 8:33	0	1	18.9	80.1	0.33	
BEGMW09M	MW09M	4/3/2013 8:08	0	0.9	19.2	79.9	-0.28	
BEGMW09M	MW09M	4/17/2013 8:31	0	0.8	19.6	79.6	-2.22	
BEGMW09M	MW09M	5/8/2013 7:35	0	1.2	19.8	79	-0.07	
BEGMW09M	MW09M	5/22/2013 8:18	0	1.1	20.2	78.7	0	
BEGMW09M	MW09M	6/5/2013 7:48	0	0.8	20.3	78.9	-0.17	
BEGMW09M	MW09M	6/21/2013 8:16	0	0.9	20	79.1	-0.05	
BEGMW09M	MW09M	7/10/2013 8:23	0	1.2	19.8	79	-0.06	
BEGMW09M	MW09M	7/24/2013 7:58	0	0.7	19.9	79.4	-0.1	
BEGMW09M	MW09M	8/7/2013 9:06	0	0.3	20.2	79.5	-0.06	
BEGMW09M	MW09M	8/27/2013 8:11	0	6.3	14.9	78.8	-0.04	
BEGMW09M	MW09M	9/12/2013 8:00	0	0.7	20.6	78.7	-7.69	
BEGMW09M	MW09M	9/27/2013 8:19	0	8.1	12.2	79.7	-0.11	
BEGMW09M	MW09M	10/11/2013 8:43	0	4.8	13.6	81.6	0.09	
BEGMW09M	MW09M	10/24/2013 8:59	0	0.8	18.9	80.3	-1.24	
BEGMW09M	MW09M	11/13/2013 8:28	0	1.9	8.7	89.4	-0.48	
BEGMW09M	MW09M	11/27/2013 8:08	0	4.8	0	95.2	0.31	
BEGMW09M	MW09M	12/11/2013 8:47	0	4.8	0.2	95	0.11	
BEGMW09M	MW09M	12/24/2013 7:41	0	4.2	2.1	93.7	-0.26	
BEGMW09S	MW09S	1/9/2013 9:25	0	1.5	19.9	78.6	-2.46	
BEGMW09S	MW09S	1/24/2013 8:01	0	1.3	20.3	78.4	-9.87	
BEGMW09S	MW09S	2/6/2013 8:02	0	1.1	20	78.9	-1.1	
BEGMW09S	MW09S	2/21/2013 8:50	0	0.7	20.4	78.9	-8.57	
BEGMW09S	MW09S	3/8/2013 8:49	0	0.7	20	79.3	-21.42	
BEGMW09S	MW09S	3/19/2013 8:34	0	1.1	20.5	78.4	-35.26	
BEGMW09S	MW09S	4/3/2013 8:59	0	1.3	20.3	78.4	-1.66	
BEGMW09S	MW09S	4/17/2013 8:32	0	0.8	20.4	78.8	3.41	
BEGMW09S	MW09S	5/8/2013 7:37	0	1.2	20.4	78.4	-0.04	
BEGMW09S	MW09S	5/22/2013 8:19	0	1	20.5	78.5	0	
BEGMW09S	MW09S	6/5/2013 7:49	0	10.1	6.4	83.5	-0.05	
BEGMW09S	MW09S	6/21/2013 8:17	0	0.3	20.6	79.1	-0.51	
BEGMW09S	MW09S	6/21/2013 8:18	0	12.7	8.1	79.2	0.02	
BEGMW09S	MW09S	7/10/2013 8:24	0	12.4	8.7	78.9	-0.01	
BEGMW09S	MW09S	7/24/2013 8:01	0	10.7	7.7	78.6	-0.1	
BEGMW09S	MW09S	8/7/2013 9:08	0	1.8	16.7	81.5	-0.14	
BEGMW09S	MW09S	8/27/2013 8:13	0	0.5	20.2	79.3	-0.4	

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GEM ID	GEM ID	Date Time	CH4 % by vol	CO2 % by vol	O2 % by vol	Bal Gas % by vol	Relative pressure (H2O)	Comment
BEGMW09S	MW09S	9/12/2013 8:01	0	8.9	11.2	79.9	-0.05	
BEGMW09S	MW09S	9/27/2013 8:20	0	1.1	21.1	77.8	-5.44	
BEGMW09S	MW09S	10/11/2013 8:44	0	2.3	11.1	86.6	-3.78	
BEGMW09S	MW09S	10/24/2013 9:00	0	7.3	11.6	81.1	0.01	
BEGMW09S	MW09S	11/13/2013 8:29	0	6	11.9	82.1	-0.02	
BEGMW09S	MW09S	11/27/2013 8:09	0	12.5	6.9	80.6	0.1	
BEGMW09S	MW09S	12/11/2013 8:49	0	11.9	7.9	80.2	0.31	
BEGMW09S	MW09S	12/24/2013 7:42	0	12	7.5	80.5	-0.12	
BEGMW10D	MW10D	1/9/2013 9:26	0	1.5	19.8	78.7	-0.37	
BEGMW10D	MW10D	1/24/2013 8:04	0	1.3	20.8	77.9	0.04	
BEGMW10D	MW10D	2/6/2013 8:04	0	0.6	20.3	79.1	-1.15	
BEGMW10D	MW10D	2/21/2013 8:52	0	0.7	20.3	79	-1.38	
BEGMW10D	MW10D	3/8/2013 8:51	0	0.7	20.9	78.4	-0.56	
BEGMW10D	MW10D	3/19/2013 8:35	0	1	20.9	78.1	0.01	
BEGMW10D	MW10D	4/3/2013 8:11	0	0.6	20.6	78.8	0.16	
BEGMW10D	MW10D	4/17/2013 8:34	0	0.5	20.7	78.8	0.01	
BEGMW10D	MW10D	5/8/2013 7:38	0	0.5	20.7	78.8	-0.02	
BEGMW10D	MW10D	5/22/2013 8:21	0	0.6	20.9	78.5	-1.66	
BEGMW10D	MW10D	6/5/2013 7:50	0	0.7	20.7	78.6	-0.05	
BEGMW10D	MW10D	6/21/2013 8:20	0	0.8	20.3	78.9	0.96	
BEGMW10D	MW10D	7/10/2013 8:28	0	1	20.4	78.6	-0.03	
BEGMW10D	MW10D	7/24/2013 8:04	0	0.6	20.3	79.1	-0.22	
BEGMW10D	MW10D	8/7/2013 9:10	0	0.1	20.5	79.4	-0.12	
BEGMW10D	MW10D	8/27/2013 8:14	0	0.1	20.3	79.6	-0.03	
BEGMW10D	MW10D	9/12/2013 8:04	0	0.2	20.9	78.9	0.05	
BEGMW10D	MW10D	9/27/2013 8:22	0	0.5	20.7	78.8	-2.02	
BEGMW10D	MW10D	10/11/2013 8:46	0	0.9	20.3	78.8	-0.13	
BEGMW10D	MW10D	10/24/2013 9:01	0	1	20.9	78.1	0.11	
BEGMW10D	MW10D	11/13/2013 8:30	0	1.9	20.3	77.8	-2.24	
BEGMW10D	MW10D	11/27/2013 8:10	0	1.1	20.6	78.3	1.66	
BEGMW10D	MW10D	12/11/2013 8:50	0	0.4	20.8	78.8	0.11	
BEGMW10D	MW10D	12/24/2013 7:44	0	1	20.4	78.6	0.91	
BEGMW10S	MW10S	1/9/2013 9:27	0	1.6	20.7	77.7	0.86	
BEGMW10S	MW10S	1/24/2013 8:05	0	1	20.9	78.1	-3.32	
BEGMW10S	MW10S	2/6/2013 8:05	0	0.7	20.3	79	0.99	
BEGMW10S	MW10S	2/21/2013 8:53	0	0.7	20.3	79	-15.55	
BEGMW10S	MW10S	3/8/2013 8:51	0	0.7	20.8	78.5	-3.61	
BEGMW10S	MW10S	3/19/2013 8:36	0	0.9	20.9	78.2	-10.66	
BEGMW10S	MW10S	4/3/2013 8:12	0	0.5	20.8	78.7	-9.91	
BEGMW10S	MW10S	4/17/2013 8:34	0	0.5	20.6	78.9	-16.8	
BEGMW10S	MW10S	5/8/2013 7:39	0	0.5	20.7	78.8	-16.38	
BEGMW10S	MW10S	5/22/2013 8:22	0	0.9	20.8	78.3	-21.99	
BEGMW10S	MW10S	6/5/2013 7:51	0	1.7	18.9	79.4	-0.04	
BEGMW10S	MW10S	6/21/2013 8:21	0	19.5	4.4	76.1	0.02	
BEGMW10S	MW10S	7/10/2013 8:29	0	18.1	5.7	76.2	-0.01	
BEGMW10S	MW10S	7/24/2013 8:05	0	6.7	13	80.3	-0.15	
BEGMW10S	MW10S	8/7/2013 9:11	0	4.9	13.5	81.6	-0.15	
BEGMW10S	MW10S	8/27/2013 8:16	0	12.1	9.9	78	-0.05	
BEGMW10S	MW10S	9/12/2013 8:06	0	14	6.7	79.3	-0.07	
BEGMW10S	MW10S	9/27/2013 8:23	0	6.5	13.9	79.6	-0.3	
BEGMW10S	MW10S	10/11/2013 8:47	0	9.9	8.8	81.3	-0.07	
BEGMW10S	MW10S	10/24/2013 9:02	0	3.4	16.9	79.7	0.17	
BEGMW10S	MW10S	11/13/2013 8:31	0	3.8	15.7	80.5	0.06	
BEGMW10S	MW10S	11/27/2013 8:11	0	17	4.4	78.6	0.12	
BEGMW10S	MW10S	12/11/2013 8:52	0	16.1	4.9	79	0.08	
BEGMW10S	MW10S	12/24/2013 7:44	0	12.6	15.6	71.8	0.52	
BEGMW12D	MW12D	1/9/2013 9:47	0.1	7.4	12.3	80.2	-1.04	
BEGMW12D	MW12D	1/24/2013 8:22	0.1	7.5	12.1	80.3	-0.15	
BEGMW12D	MW12D	2/6/2013 8:18	0.1	7.6	12.2	80.1	-0.31	
BEGMW12D	MW12D	2/21/2013 9:12	0.3	7.3	12.3	80.1	-0.34	
BEGMW12D	MW12D	3/8/2013 9:07	0	7.3	12.9	79.8	-0.68	
BEGMW12D	MW12D	3/19/2013 8:50	0	7.2	15	77.8	0.21	
BEGMW12D	MW12D	4/3/2013 8:30	0	6.1	16.4	77.5	0.07	
BEGMW12D	MW12D	4/17/2013 8:48	0	5.9	16.7	77.4	-0.66	
BEGMW12D	MW12D	5/8/2013 7:54	0	5.1	17.1	77.8	-0.06	
BEGMW12D	MW12D	5/22/2013 8:41	0	4.9	16.4	78.7	0.01	
BEGMW12D	MW12D	6/5/2013 8:08	0	5.1	14.9	80	-0.13	
BEGMW12D	MW12D	6/21/2013 8:41	0	5.9	13.3	80.8	-0.03	
BEGMW12D	MW12D	7/10/2013 8:47	0	6.6	12.8	80.6	-0.42	
BEGMW12D	MW12D	7/24/2013 8:20	0	7.5	12.2	80.3	-0.16	
BEGMW12D	MW12D	8/7/2013 8:58	0.1	7.9	12.1	79.9	-0.68	
BEGMW12D	MW12D	8/27/2013 8:46	0	8.4	11.8	79.8	-0.14	
BEGMW12D	MW12D	9/12/2013 8:10	0	8.9	12.7	78.4	-0.26	
BEGMW12D	MW12D	9/27/2013 8:27	0	9.4	12.6	78	-0.14	
BEGMW12D	MW12D	10/11/2013 8:52	0	8.5	12.7	78.8	-0.84	

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GEM ID	GEM ID	Date Time	CH4 % by vol	CO2 % by vol	O2 % by vol	Bal Gas % by vol	Relative pressure (H2O)	Comment
BEGMW12D	MW12D	10/24/2013 9:05	0	8.6	13.3	78.1	-0.04	
BEGMW12D	MW12D	11/13/2013 8:36	0	7.4	15.3	77.3	-0.13	
BEGMW12D	MW12D	11/27/2013 8:16	0	7.5	15.8	76.7	0.11	
BEGMW12D	MW12D	12/11/2013 8:56	0	7	16.3	76.7	0.04	
BEGMW12D	MW12D	12/24/2013 8:12	0	6.3	16.8	76.9	0	
BEGMW12M	MW12M	1/9/2013 9:48	0	9.5	8.9	81.6	0.44	
BEGMW12M	MW12M	1/24/2013 8:24	0.1	10.4	6.8	82.7	1.02	
BEGMW12M	MW12M	2/6/2013 8:19	0	11.4	6.8	81.8	-0.33	
BEGMW12M	MW12M	2/21/2013 9:14	0.1	12.4	5.2	82.3	-0.67	
BEGMW12M	MW12M	3/8/2013 9:09	0	12.9	6.3	80.8	-0.51	
BEGMW12M	MW12M	3/19/2013 8:51	0	12	9.5	78.5	-0.1	
BEGMW12M	MW12M	4/3/2013 8:31	0	11.7	10.4	77.9	0.34	
BEGMW12M	MW12M	4/17/2013 8:50	0	10.8	10.9	78.3	-0.11	
BEGMW12M	MW12M	5/8/2013 7:56	0	11.5	9.1	79.4	-0.25	
BEGMW12M	MW12M	5/22/2013 8:42	0	11.5	8.3	80.2	-0.07	
BEGMW12M	MW12M	6/5/2013 8:09	0	11.8	7.7	80.5	-0.23	
BEGMW12M	MW12M	6/21/2013 8:44	0	11.9	10	78.1	-0.01	
BEGMW12M	MW12M	7/10/2013 8:49	0	10.2	11.7	78.1	-0.03	
BEGMW12M	MW12M	7/24/2013 8:22	0	9.8	12.1	78.1	-0.15	
BEGMW12M	MW12M	8/7/2013 8:59	0	9.2	12.4	78.4	-1.32	
BEGMW12M	MW12M	8/27/2013 8:47	0	0.2	19.6	80.2	-0.13	
BEGMW12M	MW12M	9/12/2013 8:11	0	7.3	13.8	78.9	0.02	
BEGMW12M	MW12M	9/27/2013 8:29	0	8.8	12.9	78.3	-0.16	
BEGMW12M	MW12M	10/11/2013 8:53	0	8.1	13.1	78.8	0.12	
BEGMW12M	MW12M	10/24/2013 9:07	0	7.8	14.1	78.1	-0.02	
BEGMW12M	MW12M	11/13/2013 8:37	0	6.1	16	77.9	0	
BEGMW12M	MW12M	11/27/2013 8:18	0	7.1	15	77.9	0.1	
BEGMW12M	MW12M	12/11/2013 8:58	0	7.2	14.6	78.2	0.04	
BEGMW12M	MW12M	12/24/2013 8:14	0	6.9	15.4	77.7	0	
BEGMW12S	MW12S	1/9/2013 9:49	0	8.8	10.1	81.1	-0.2	
BEGMW12S	MW12S	1/24/2013 8:25	0	6.5	8.6	84.9	-0.06	
BEGMW12S	MW12S	2/6/2013 8:21	0	6.9	9.1	84	-0.09	
BEGMW12S	MW12S	2/21/2013 9:15	0	7.4	9.8	82.8	-0.31	
BEGMW12S	MW12S	3/8/2013 9:10	0	4.4	15.9	79.7	-0.5	
BEGMW12S	MW12S	3/19/2013 8:52	0	3.7	17.3	79	0.02	
BEGMW12S	MW12S	4/3/2013 8:33	0	4.9	15.2	79.9	0.11	
BEGMW12S	MW12S	4/17/2013 8:51	0	5.3	14.6	80.1	0.24	
BEGMW12S	MW12S	5/8/2013 7:57	0	7.8	12.6	79.6	-0.8	
BEGMW12S	MW12S	5/22/2013 8:43	0	8.1	12.4	79.5	-0.42	
BEGMW12S	MW12S	6/5/2013 8:11	0	6.2	15.3	78.5	-0.41	
BEGMW12S	MW12S	6/21/2013 8:46	0	3.3	18.2	78.5	0.01	
BEGMW12S	MW12S	7/10/2013 8:50	0	0.4	20.9	78.7	-0.01	
BEGMW12S	MW12S	7/24/2013 8:23	0	3.5	17.8	78.7	-0.12	
BEGMW12S	MW12S	8/7/2013 9:00	0	3.4	17.1	79.5	-0.53	
BEGMW12S	MW12S	8/27/2013 8:49	0	3.1	16.9	80	-0.12	
BEGMW12S	MW12S	9/12/2013 8:13	0	4.2	16.8	79	-0.05	
BEGMW12S	MW12S	9/27/2013 8:31	0	4.2	16.7	79.1	-0.13	
BEGMW12S	MW12S	10/11/2013 8:54	0	5.5	14.6	79.9	0.26	
BEGMW12S	MW12S	10/24/2013 9:09	0	4.9	16.3	78.8	-0.04	
BEGMW12S	MW12S	11/13/2013 8:38	0	3.9	17.3	78.8	-0.27	
BEGMW12S	MW12S	11/27/2013 8:19	0	6.5	13.9	79.6	0.1	
BEGMW12S	MW12S	12/11/2013 8:59	0	6.9	13.9	79.2	0.05	
BEGMW12S	MW12S	12/24/2013 8:15	0	4.9	16.8	78.3	0.02	
BEGMW13D	MW13D	1/9/2013 10:23	0	4	15.9	80.1	-2.28	
BEGMW13D	MW13D	1/24/2013 9:14	0	3.1	14.3	82.6	-0.55	
BEGMW13D	MW13D	2/6/2013 8:56	0.1	3.9	13.1	82.9	0.52	
BEGMW13D	MW13D	2/21/2013 9:49	0.1	3.5	13.6	82.8	-0.46	
BEGMW13D	MW13D	3/8/2013 9:39	0	3.6	13.9	82.5	-0.34	
BEGMW13D	MW13D	3/19/2013 9:32	0	1.9	17.5	80.6	0.7	
BEGMW13D	MW13D	4/3/2013 9:10	0	0.7	20.2	79.1	0.27	
BEGMW13D	MW13D	4/17/2013 9:15	0	0.8	19.7	79.5	-0.54	
BEGMW13D	MW13D	5/8/2013 8:28	0	0.3	20.8	78.9	-0.65	
BEGMW13D	MW13D	5/22/2013 9:16	0	0.5	20.6	78.9	0	
BEGMW13D	MW13D	6/5/2013 8:37	0	0.8	19.4	79.8	-0.48	
BEGMW13D	MW13D	6/21/2013 10:25	0	0.2	19.7	80.1	-0.31	
BEGMW13D	MW13D	7/10/2013 9:15	0	0.4	20.5	79.1	-0.31	
BEGMW13D	MW13D	7/24/2013 8:50	0	0.3	20.6	79.1	-0.36	
BEGMW13D	MW13D	8/7/2013 9:44	0	0.4	20.2	79.4	-0.57	
BEGMW13D	MW13D	8/27/2013 9:19	0	0.4	20.6	79	-0.16	
BEGMW13D	MW13D	9/12/2013 8:47	0	0.9	20.3	78.8	-0.57	
BEGMW13D	MW13D	9/27/2013 8:59	0	0.5	20.5	79	0.28	
BEGMW13D	MW13D	10/11/2013 9:22	0	1.6	18.3	80.1	-0.54	
BEGMW13D	MW13D	10/24/2013 9:35	0	0.6	20.8	78.6	-0.38	
BEGMW13D	MW13D	11/13/2013 9:04	0	3.1	15.6	81.3	-0.53	
BEGMW13D	MW13D	11/27/2013 8:58	0	2.6	17	80.4	0.18	

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January Through December 2013
Eastgate Area Property Landfill**

GEM ID	GEM ID	Date Time	CH4 % by vol	CO2 % by vol	O2 % by vol	Bal Gas % by vol	Relative pressure (H2O)	Comment
BEGMW13D	MW13D	12/11/2013 9:27	0	0.4	20.3	79.3	-0.22	
BEGMW13D	MW13D	12/24/2013 8:42	0	2.4	17.1	80.5	-0.47	
BEGMW13M	MW13M	1/9/2013 10:21	0	5	12.3	82.7	-0.28	
BEGMW13M	MW13M	1/24/2013 9:16	0	3.9	15.5	80.6	-0.5	
BEGMW13M	MW13M	2/6/2013 8:57	0	3.8	15.3	80.9	-0.23	
BEGMW13M	MW13M	2/21/2013 9:50	0	0.4	20.1	79.5	-0.67	
BEGMW13M	MW13M	3/8/2013 9:40	0	1.4	18.8	79.8	-0.9	
BEGMW13M	MW13M	3/19/2013 9:34	0	2.5	17.4	80.1	0.6	
BEGMW13M	MW13M	4/3/2013 9:11	0	3.1	16.6	80.3	-0.72	
BEGMW13M	MW13M	4/17/2013 9:16	0	3.5	16.4	80.1	-0.57	
BEGMW13M	MW13M	5/8/2013 8:30	0	3.5	16.6	79.9	-0.57	
BEGMW13M	MW13M	5/22/2013 9:18	0	3.1	17.2	79.7	-0.09	
BEGMW13M	MW13M	6/5/2013 8:38	0	3.1	16.9	80	-0.46	
BEGMW13M	MW13M	6/21/2013 10:27	0	3	17.1	79.9	-0.28	
BEGMW13M	MW13M	7/10/2013 9:18	0	3.6	16.6	79.8	-0.29	
BEGMW13M	MW13M	7/24/2013 8:52	0	3.5	16.7	79.8	-0.75	
BEGMW13M	MW13M	8/7/2013 9:45	0	3.2	17.2	79.6	-0.23	
BEGMW13M	MW13M	8/27/2013 9:13	0	3.1	17.3	79.6	-0.18	
BEGMW13M	MW13M	9/12/2013 8:49	0	3.7	16.9	79.4	-1.3	
BEGMW13M	MW13M	9/27/2013 9:00	0	3.7	16.9	79.4	0.22	
BEGMW13M	MW13M	10/11/2013 9:24	0	4	16.6	79.4	-0.5	
BEGMW13M	MW13M	10/24/2013 9:45	0	3.7	17	79.3	-0.51	
BEGMW13M	MW13M	11/13/2013 9:06	0	4.1	17.2	78.7	-0.44	
BEGMW13M	MW13M	11/27/2013 8:59	0	4.2	17	78.8	0.14	
BEGMW13M	MW13M	12/11/2013 9:28	0	4.3	17.2	78.5	-0.2	
BEGMW13S	MW13M	12/24/2013 8:44	0	7.4	10.4	82.2	-0.21	
BEGMW13S	MW13S	1/9/2013 10:22	0	3.8	16.4	79.8	-0.79	
BEGMW13S	MW13S	1/24/2013 9:17	0	4	12.3	83.7	-0.36	
BEGMW13S	MW13S	2/6/2013 8:59	0	6.2	10.3	83.5	-0.64	
BEGMW13S	MW13S	2/21/2013 9:51	0	5.4	10.9	83.7	-1.03	
BEGMW13S	MW13S	3/8/2013 9:42	0	6.2	10.7	83.1	-0.4	
BEGMW13S	MW13S	3/19/2013 9:36	0	6.1	10.7	83.2	-0.09	
BEGMW13S	MW13S	4/3/2013 9:12	0	5.9	10.7	83.4	0.2	
BEGMW13S	MW13S	4/17/2013 9:18	0	5.9	10.7	83.4	-0.07	
BEGMW13S	MW13S	5/8/2013 8:31	0	5.8	10.9	83.3	0	
BEGMW13S	MW13S	5/22/2013 9:19	0	5.8	11.2	83	-0.12	
BEGMW13S	MW13S	6/5/2013 8:39	0	5.5	10.9	83.6	-0.07	
BEGMW13S	MW13S	6/21/2013 10:28	0	5.8	10.8	83.4	-0.19	
BEGMW13S	MW13S	7/10/2013 9:19	0	5.8	10.8	83.4	-0.06	
BEGMW13S	MW13S	7/24/2013 8:54	0	5.8	10.8	83.4	-0.15	
BEGMW13S	MW13S	8/7/2013 9:47	0	5.6	11	83.4	-0.18	
BEGMW13S	MW13S	8/27/2013 9:14	0	5.8	11	83.2	-0.29	
BEGMW13S	MW13S	9/12/2013 8:51	0	6.6	10.7	82.7	-1.37	
BEGMW13S	MW13S	9/27/2013 9:02	0	7	10.6	82.4	-0.1	
BEGMW13S	MW13S	10/11/2013 9:26	0	6.6	10.6	82.8	-0.48	
BEGMW13S	MW13S	10/24/2013 9:38	0	6.5	10.9	82.6	-0.41	
BEGMW13S	MW13S	11/13/2013 9:07	0	7	10.6	82.4	-0.07	
BEGMW13S	MW13S	11/27/2013 9:01	0	7.4	10.4	82.2	0.05	
BEGMW13S	MW13S	12/11/2013 9:29	0	7.5	10.6	81.9	-0.04	
BEGMW13S	MW13S	12/24/2013 8:45	0	4.2	17.4	78.4	-0.4	
BEGMW14D	MW14D	1/9/2013 10:25	0	1.7	17	81.3	-0.48	
BEGMW14D	MW14D	1/24/2013 9:27	0	1.8	18.3	79.9	-0.29	
BEGMW14D	MW14D	2/6/2013 9:00	0	1.7	18.3	80	-12.06	
BEGMW14D	MW14D	2/6/2013 9:01	0	1.3	16.6	82.1	0.03	
BEGMW14D	MW14D	2/21/2013 9:53	0	1.5	16.7	81.8	-0.76	
BEGMW14D	MW14D	3/8/2013 9:44	0	0.8	19.2	80	-0.48	
BEGMW14D	MW14D	3/19/2013 9:38	0	1.1	18.5	80.4	0.22	
BEGMW14D	MW14D	4/3/2013 9:15	0	0.8	19.3	79.9	0.11	
BEGMW14D	MW14D	4/17/2013 9:20	0	1.1	17.9	81	-0.59	
BEGMW14D	MW14D	5/8/2013 8:34	0	1	18.5	80.5	-0.81	
BEGMW14D	MW14D	5/22/2013 9:21	0	1.3	18.4	80.3	0.04	
BEGMW14D	MW14D	6/5/2013 8:42	0	1	18.3	80.7	-0.53	
BEGMW14D	MW14D	6/21/2013 10:31	0	1.2	18	80.8	-0.02	
BEGMW14D	MW14D	7/10/2013 9:22	0	1.1	18.1	80.8	-0.84	
BEGMW14D	MW14D	7/24/2013 8:56	0	1.2	17.8	81	-0.41	
BEGMW14D	MW14D	8/7/2013 9:50	0	1.5	17.3	81.2	-0.62	
BEGMW14D	MW14D	8/27/2013 9:22	0	1.1	18.1	80.8	-0.35	
BEGMW14D	MW14D	9/12/2013 8:53	0	1.9	17	81.1	-0.82	
BEGMW14D	MW14D	9/27/2013 9:05	0	1.4	18.1	80.5	0.26	
BEGMW14D	MW14D	10/11/2013 9:28	0	2.4	15.6	82	-1.67	
BEGMW14D	MW14D	10/24/2013 9:40	0	3	14.4	82.6	-0.51	
BEGMW14D	MW14D	11/13/2013 9:09	0	1.7	17.6	80.7	-0.6	
BEGMW14D	MW14D	11/27/2013 9:03	0	2.6	15.7	81.7	0.1	
BEGMW14D	MW14D	12/11/2013 9:31	0	2.5	16.2	81.3	-0.27	
BEGMW14D	MW14D	12/24/2013 8:47	0	2.1	17.1	80.8	-0.48	

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January Through December 2013
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GEM ID	GEM ID	Date Time	CH4 % by vol	CO2 % by vol	O2 % by vol	Bal Gas % by vol	Relative pressure (H2O)	Comment
BEGMW14M	MW14M	1/9/2013 10:26	0	2.1	14.3	83.6	0.18	
BEGMW14M	MW14M	1/24/2013 9:28	0	1.9	13.9	84.2	0.12	
BEGMW14M	MW14M	2/6/2013 9:02	0	2.9	12.6	84.5	0.05	
BEGMW14M	MW14M	2/21/2013 9:54	0	2.7	12.9	84.4	-0.12	
BEGMW14M	MW14M	3/8/2013 9:46	0	2.3	13.5	84.2	-0.04	
BEGMW14M	MW14M	3/19/2013 9:40	0	2.6	13.6	83.8	0.61	
BEGMW14M	MW14M	4/3/2013 9:16	0	2.6	13.2	84.2	-0.07	
BEGMW14M	MW14M	4/17/2013 9:21	0	3.1	13.1	83.8	-0.35	
BEGMW14M	MW14M	5/8/2013 8:35	0	3	13.5	83.5	-0.2	
BEGMW14M	MW14M	5/22/2013 9:22	0	2.8	14.3	82.9	0.31	
BEGMW14M	MW14M	6/5/2013 8:43	0	2.6	14	83.4	-0.19	
BEGMW14M	MW14M	6/21/2013 10:33	0	2.7	14.3	83	-0.52	
BEGMW14M	MW14M	7/10/2013 9:24	0	2.7	14.2	83.1	-0.28	
BEGMW14M	MW14M	7/24/2013 8:58	0	2.6	14.3	83.1	-0.36	
BEGMW14M	MW14M	8/7/2013 9:51	0	2.8	14.1	83.1	-0.4	
BEGMW14M	MW14M	8/27/2013 9:23	0	2.8	14.2	83	-0.19	
BEGMW14M	MW14M	9/12/2013 8:55	0	3.1	13.9	83	-0.18	
BEGMW14M	MW14M	9/27/2013 9:07	0	3.2	14.1	82.7	0.18	
BEGMW14M	MW14M	10/11/2013 9:30	0	3.2	13.6	83.2	-1.79	
BEGMW14M	MW14M	10/24/2013 9:42	0	3.3	13.7	83	0.05	
BEGMW14M	MW14M	11/13/2013 9:11	0	3.2	14.5	82.3	-0.5	
BEGMW14M	MW14M	11/27/2013 9:04	0	3.5	14.5	82	0.09	
BEGMW14M	MW14M	12/11/2013 9:33	0	3.8	14.3	81.9	0.36	
BEGMW14M	MW14M	12/24/2013 8:48	0	3.6	14.8	81.6	-0.29	
BEGMW14S	MW14S	1/9/2013 10:27	0	1.6	17.3	81.1	-6.23	
BEGMW14S	MW14S	1/24/2013 9:29	0	1.5	17.4	81.1	0.43	
BEGMW14S	MW14S	2/6/2013 9:04	0	2.3	12.5	85.2	1.81	
BEGMW14S	MW14S	2/21/2013 9:56	0	2.2	12.8	85	0.07	
BEGMW14S	MW14S	3/8/2013 9:47	0	2.1	13.6	84.3	-0.02	
BEGMW14S	MW14S	3/19/2013 9:41	0	2.2	14.2	83.6	-0.22	
BEGMW14S	MW14S	4/3/2013 9:17	0	2.3	13.7	84	-0.28	
BEGMW14S	MW14S	4/17/2013 9:23	0	2.8	13.8	83.4	-1.15	
BEGMW14S	MW14S	5/8/2013 8:36	0	2.5	14.4	83.1	0.32	
BEGMW14S	MW14S	5/22/2013 9:23	0	2.8	14.7	82.5	0.06	
BEGMW14S	MW14S	6/5/2013 8:44	0	2.9	15	82.1	-0.52	
BEGMW14S	MW14S	6/21/2013 10:34	0	3.1	16	80.9	-0.03	
BEGMW14S	MW14S	7/10/2013 9:25	0	3.3	16.4	80.3	-0.15	
BEGMW14S	MW14S	7/24/2013 9:00	0	3.5	16.9	79.6	-0.13	
BEGMW14S	MW14S	8/7/2013 9:53	0	3.4	17.7	78.9	-0.64	
BEGMW14S	MW14S	8/27/2013 9:25	0	3.1	18.3	78.6	-0.28	
BEGMW14S	MW14S	9/12/2013 8:57	0	3.1	18	78.9	-0.89	
BEGMW14S	MW14S	9/27/2013 9:09	0	3.4	17.2	79.4	-0.14	
BEGMW14S	MW14S	10/11/2013 9:32	0	3.3	16.3	80.4	-1.14	
BEGMW14S	MW14S	10/24/2013 9:44	0	3.3	15.7	81	-0.04	
BEGMW14S	MW14S	11/13/2013 9:12	0	3.3	15.9	80.8	-0.11	
BEGMW14S	MW14S	11/27/2013 9:06	0	3.6	14.6	81.8	-0.24	
BEGMW14S	MW14S	12/11/2013 9:34	0	3.7	14.3	82	-0.04	
BEGMW14S	MW14S	12/24/2013 8:50	0	3.6	14.5	81.9	0.23	
BEGMW15D	MW15D	1/9/2013 10:29	0	6.5	6.4	87.1	-0.03	
BEGMW15D	MW15D	1/24/2013 9:31	0	5.9	6.4	87.7	-0.15	
BEGMW15D	MW15D	2/6/2013 9:06	0	7	5.6	87.4	0.04	
BEGMW15D	MW15D	2/21/2013 9:59	0	6.6	5.6	87.8	-0.63	
BEGMW15D	MW15D	3/8/2013 9:49	0	6.5	5.7	87.8	-0.75	
BEGMW15D	MW15D	3/19/2013 9:43	0	6.4	5.9	87.7	-0.02	
BEGMW15D	MW15D	4/3/2013 9:19	0	6.3	5.8	87.9	0.02	
BEGMW15D	MW15D	4/17/2013 9:25	0	6.4	5.9	87.7	-0.66	
BEGMW15D	MW15D	5/8/2013 8:38	0	6	6.5	87.5	-0.8	
BEGMW15D	MW15D	5/22/2013 9:26	0	6	6.6	87.4	-0.42	
BEGMW15D	MW15D	6/5/2013 8:46	0	5.8	6.5	87.7	-0.24	
BEGMW15D	MW15D	6/21/2013 10:37	0	6	6.5	87.5	-0.32	
BEGMW15D	MW15D	7/10/2013 9:27	0	5.9	6.5	87.6	-0.87	
BEGMW15D	MW15D	7/24/2013 9:07	0	6	6.4	87.6	-0.38	
BEGMW15D	MW15D	8/7/2013 9:56	0	6.1	6	87.9	-0.59	
BEGMW15D	MW15D	8/27/2013 9:38	0	5.8	6.3	87.9	-0.42	
BEGMW15D	MW15D	9/12/2013 9:00	0	6.4	5.7	87.9	-0.68	
BEGMW15D	MW15D	9/27/2013 9:11	0	6.6	6.5	86.9	0.11	
BEGMW15D	MW15D	10/11/2013 9:35	0	6.4	6.4	87.2	-0.51	
BEGMW15D	MW15D	10/24/2013 9:47	0	6.5	7.1	86.4	-0.54	
BEGMW15D	MW15D	11/13/2013 9:14	0	6.1	7.1	86.8	-0.63	
BEGMW15D	MW15D	11/27/2013 9:08	0	6.2	7.3	86.5	0.02	
BEGMW15D	MW15D	12/11/2013 9:37	0	6.5	7.4	86.1	-0.35	
BEGMW15D	MW15D	12/24/2013 8:52	0	6.1	7.9	86	-0.42	
BEGMW15M	MW15M	1/9/2013 10:30	2.7	2.8	4.5	90	3.82	
BEGMW15M	MW15M	1/24/2013 9:32	2.5	2.7	3.3	91.5	0.89	
BEGMW15M	MW15M	2/6/2013 9:07	2.4	3.1	0.2	94.3	2.05	

**Table 1. LFG Monitoring Probe Test Results
January Through December 2013
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GEM ID	GEM ID	Date Time	CH4 % by vol	CO2 % by vol	O2 % by vol	Bal Gas % by vol	Relative pressure (H2O)	Comment
BEGMW15M	MW15M	2/21/2013 10:01	2.3	2.8	0.5	94.4	0.85	
BEGMW15M	MW15M	3/8/2013 9:51	2.1	2.9	0.1	94.9	-0.33	
BEGMW15M	MW15M	3/19/2013 9:45	2.1	2.9	0.3	94.7	1.71	
BEGMW15M	MW15M	4/3/2013 9:21	2	2.9	0	95.1	-0.26	
BEGMW15M	MW15M	4/17/2013 9:26	1.8	2.6	0.5	95.1	-1.44	
BEGMW15M	MW15M	5/8/2013 8:40	0	5.5	0.5	94	-0.11	
BEGMW15M	MW15M	5/22/2013 9:27	1.5	2.7	0.5	95.3	0.4	
BEGMW15M	MW15M	6/5/2013 8:48	1.5	2.5	0.1	95.9	-0.85	
BEGMW15M	MW15M	6/21/2013 10:38	1.3	2.6	0.6	95.5	-2.29	
BEGMW15M	MW15M	7/10/2013 9:29	1	2.5	0.4	96.1	-3.96	
BEGMW15M	MW15M	7/24/2013 9:09	1	2.6	0.4	96	-4.63	
BEGMW15M	MW15M	8/7/2013 9:57	0.7	2.2	1.2	95.9	0.44	
BEGMW15M	MW15M	8/27/2013 9:39	0	5.7	13.1	81.2	-0.32	
BEGMW15M	MW15M	9/12/2013 9:02	0.5	2.6	0.8	96.1	-7.22	
BEGMW15M	MW15M	9/27/2013 9:13	0.3	2.8	1.5	95.4	-6.87	
BEGMW15M	MW15M	10/11/2013 9:37	0.3	2.6	1.9	95.2	-7.14	
BEGMW15M	MW15M	10/24/2013 9:49	0.2	2.6	2.1	95.1	-5.19	
BEGMW15M	MW15M	11/13/2013 9:15	0.3	2.6	0.8	96.3	-7.76	
BEGMW15M	MW15M	11/27/2013 9:09	0.2	2.9	1.4	95.5	-0.81	
BEGMW15M	MW15M	12/11/2013 9:39	0.3	3.1	0	96.6	-3.61	
BEGMW15M	MW15M	12/24/2013 8:53	0.2	2.9	1	95.9	-6.62	
BEGMW15S	MW15S	1/9/2013 10:32	0	4.3	1	94.7	3.21	
BEGMW15S	MW15S	1/24/2013 9:33	0	4.1	0.6	95.3	-2.44	
BEGMW15S	MW15S	2/6/2013 9:08	0	4.4	0.5	95.1	0.9	
BEGMW15S	MW15S	2/21/2013 10:02	0	4.9	0	95.1	-0.91	
BEGMW15S	MW15S	3/8/2013 9:52	0	5	0.3	94.7	-0.08	
BEGMW15S	MW15S	3/19/2013 9:46	0	4.6	0	95.4	-0.87	
BEGMW15S	MW15S	4/3/2013 9:22	0	5	0.3	94.7	0.16	
BEGMW15S	MW15S	4/17/2013 9:28	0	5	0.5	94.5	0.35	
BEGMW15S	MW15S	5/8/2013 8:42	1.4	2.8	0.5	95.3	0.19	
BEGMW15S	MW15S	5/22/2013 9:28	0	5.7	2	92.3	0.05	
BEGMW15S	MW15S	6/5/2013 8:49	0	5.7	3.8	90.5	-0.64	
BEGMW15S	MW15S	6/21/2013 10:40	0	6.7	7.1	86.2	-0.35	
BEGMW15S	MW15S	7/10/2013 9:31	0	7.1	8.6	84.3	-0.38	
BEGMW15S	MW15S	7/24/2013 9:11	0	7.2	10.1	82.7	-0.28	
BEGMW15S	MW15S	8/7/2013 9:59	0	6.5	11.6	81.9	-0.35	
BEGMW15S	MW15S	8/27/2013 9:39	0.6	2.4	0.9	96.1	-3.05	
BEGMW15S	MW15S	9/12/2013 9:03	0	6.2	9.5	84.3	-0.47	
BEGMW15S	MW15S	9/27/2013 9:15	0	7	8.3	84.7	-0.13	
BEGMW15S	MW15S	10/11/2013 9:39	0	7.2	5.3	87.5	-0.1	
BEGMW15S	MW15S	10/24/2013 9:50	0	6.2	11.7	82.1	-0.02	
BEGMW15S	MW15S	11/13/2013 9:17	0	5.2	13.7	81.1	-0.54	
BEGMW15S	MW15S	11/27/2013 9:11	0	5.5	12.3	82.2	0.07	
BEGMW15S	MW15S	12/11/2013 9:41	0	5.2	14.3	80.5	0.92	
BEGMW15S	MW15S	12/24/2013 8:55	0	4.6	14.8	80.6	0	
BEGMW16D	MW16D	1/9/2013 10:34	0	3.3	13.3	83.4	-0.65	
BEGMW16D	MW16D	1/24/2013 9:35	0	2.8	13.7	83.5	-0.23	
BEGMW16D	MW16D	2/6/2013 9:11	0	3.4	12.5	84.1	-0.39	
BEGMW16D	MW16D	2/21/2013 10:05	0	3.4	12.7	83.9	0.17	
BEGMW16D	MW16D	3/8/2013 9:54	0	3.5	13.1	83.4	-0.3	
BEGMW16D	MW16D	3/19/2013 9:48	0	3.2	13.2	83.6	-1.01	
BEGMW16D	MW16D	4/3/2013 9:25	0	3.9	11.9	84.2	-0.03	
BEGMW16D	MW16D	4/17/2013 9:30	0	4	11.4	84.6	-0.35	
BEGMW16D	MW16D	5/8/2013 8:45	0	3.8	11.4	84.8	-0.67	
BEGMW16D	MW16D	5/22/2013 9:31	0	4.1	12	83.9	-0.42	
BEGMW16D	MW16D	6/5/2013 8:51	0	3.8	11.8	84.4	-0.47	
BEGMW16D	MW16D	6/21/2013 10:42	0	4	12.1	83.9	-0.52	
BEGMW16D	MW16D	7/10/2013 9:33	0	3.9	11.9	84.2	-0.45	
BEGMW16D	MW16D	7/24/2013 9:14	0	4	11.9	84.1	-0.38	
BEGMW16D	MW16D	8/7/2013 10:01	0	3.8	12.3	83.9	-0.68	
BEGMW16D	MW16D	8/27/2013 9:44	0	3.3	13	83.7	-0.14	
BEGMW16D	MW16D	9/12/2013 9:06	0	3.9	12.2	83.9	-0.43	
BEGMW16D	MW16D	9/27/2013 9:18	0	4.3	12	83.7	0.04	
BEGMW16D	MW16D	10/11/2013 9:42	0	4.3	11.5	84.2	-0.52	
BEGMW16D	MW16D	10/24/2013 9:53	0	4.1	12.1	83.8	-0.57	
BEGMW16D	MW16D	11/13/2013 9:19	0	4	12.4	83.6	-0.74	
BEGMW16D	MW16D	11/27/2013 9:13	0	4.3	12	83.7	0.01	
BEGMW16D	MW16D	12/11/2013 9:43	0	4.5	12.1	83.4	-0.34	
BEGMW16D	MW16D	12/24/2013 8:57	0	4.4	12.3	83.3	-0.38	
BEGMW16M	MW16M	1/9/2013 10:36	0	3.2	13.3	83.5	-0.66	
BEGMW16M	MW16M	1/24/2013 9:36	0	3.2	12.7	84.1	-0.56	
BEGMW16M	MW16M	2/6/2013 9:12	0	4	11.6	84.4	-0.23	
BEGMW16M	MW16M	2/21/2013 10:07	0	4.3	11.4	84.3	-0.95	
BEGMW16M	MW16M	3/8/2013 9:56	0	4.4	11.1	84.5	-0.39	
BEGMW16M	MW16M	3/19/2013 9:50	0	4	11.6	84.4	0.45	

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GEM ID	GEM ID	Date Time	CH4 % by vol	CO2 % by vol	O2 % by vol	Bal Gas % by vol	Relative pressure (H2O)	Comment
BEGMW16M	MW16M	4/3/2013 9:26	0	4.5	9.5	86	0.32	
BEGMW16M	MW16M	4/17/2013 9:31	0	4.8	9	86.2	-0.83	
BEGMW16M	MW16M	5/8/2013 8:46	0	1.5	19.2	79.3	-0.08	
BEGMW16M	MW16M	5/22/2013 9:32	0	4.1	11.1	84.8	-0.18	
BEGMW16M	MW16M	6/5/2013 8:52	0	3.8	11.5	84.7	-0.61	
BEGMW16M	MW16M	6/21/2013 10:44	0	4.3	11.5	84.2	-0.45	
BEGMW16M	MW16M	7/10/2013 9:35	0	4.1	11.9	84	-0.46	
BEGMW16M	MW16M	7/24/2013 9:17	0	4.4	11.9	83.7	-0.36	
BEGMW16M	MW16M	8/7/2013 10:02	0	4.3	12.4	83.3	-0.62	
BEGMW16M	MW16M	8/27/2013 9:46	0	1.7	19.6	78.7	-0.89	
BEGMW16M	MW16M	9/12/2013 9:08	0	4.6	12.4	83	-0.44	
BEGMW16M	MW16M	9/27/2013 9:20	0	4.8	12.3	82.9	0.17	
BEGMW16M	MW16M	10/11/2013 9:43	0	4.8	12.2	83	-0.76	
BEGMW16M	MW16M	10/24/2013 9:55	0	4.4	14.3	81.3	-0.46	
BEGMW16M	MW16M	11/13/2013 9:22	0	4	15.4	80.6	-0.6	
BEGMW16M	MW16M	11/27/2013 9:14	0	4.1	15.4	80.5	-0.34	
BEGMW16M	MW16M	12/11/2013 9:44	0	4.3	15.5	80.2	-0.23	
BEGMW16M	MW16M	12/24/2013 8:58	0	3.9	16.4	79.7	-0.43	
BEGMW16S	MW16S	1/9/2013 10:37	0	4.1	15.5	80.4	-0.49	
BEGMW16S	MW16S	1/24/2013 9:37	0	4.6	13.2	82.2	-0.43	
BEGMW16S	MW16S	2/6/2013 9:13	0	1.5	18.8	79.7	-9.54	
BEGMW16S	MW16S	2/6/2013 9:14	0	5.5	13.1	81.4	0.57	
BEGMW16S	MW16S	2/21/2013 10:08	0	6.2	13	80.8	-0.66	
BEGMW16S	MW16S	3/8/2013 9:57	0	4.6	15.8	79.6	-0.47	
BEGMW16S	MW16S	3/19/2013 9:52	0	3.1	17.7	79.2	0	
BEGMW16S	MW16S	4/3/2013 9:28	0	1.2	19.6	79.2	-0.28	
BEGMW16S	MW16S	4/17/2013 9:33	0	2.6	18	79.4	-0.24	
BEGMW16S	MW16S	5/8/2013 8:48	0	4.4	9.9	85.7	-1.02	
BEGMW16S	MW16S	5/22/2013 9:33	0	2.9	17.9	79.2	0.04	
BEGMW16S	MW16S	6/5/2013 8:54	0	1.6	19.2	79.2	-0.14	
BEGMW16S	MW16S	6/21/2013 10:46	0	1.5	19.8	78.7	-0.07	
BEGMW16S	MW16S	7/10/2013 9:37	0	2.4	18.8	78.8	-0.42	
BEGMW16S	MW16S	7/24/2013 9:19	0	3.7	17.6	78.7	-0.15	
BEGMW16S	MW16S	8/7/2013 10:04	0	1.9	19.1	79	-0.29	
BEGMW16S	MW16S	8/27/2013 9:47	0	4.1	12.8	83.1	-0.17	
BEGMW16S	MW16S	9/12/2013 9:10	0	3.5	17.7	78.8	-0.41	
BEGMW16S	MW16S	9/27/2013 9:21	0	1	19.9	79.1	-0.09	
BEGMW16S	MW16S	10/11/2013 9:45	0	0.5	20.6	78.9	-0.16	
BEGMW16S	MW16S	10/24/2013 9:59	0	0.5	20.6	78.9	-0.01	
BEGMW16S	MW16S	11/13/2013 9:26	0	1.2	19.8	79	-0.49	
BEGMW16S	MW16S	11/27/2013 9:16	0	1.6	19.4	79	-0.41	
BEGMW16S	MW16S	12/11/2013 9:46	0	1.1	19.8	79.1	-0.09	
BEGMW16S	MW16S	12/24/2013 9:00	0	0.1	20.8	79.1	-0.04	
BEGMW17D	MW17D	1/9/2013 10:39	0	4.6	13.8	81.6	-0.24	
BEGMW17D	MW17D	1/24/2013 9:39	0	3.7	14.1	82.2	0.14	
BEGMW17D	MW17D	2/6/2013 9:15	0	4.6	13.3	82.1	-0.25	
BEGMW17D	MW17D	2/21/2013 10:10	0	4.5	13.2	82.3	-1.47	
BEGMW17D	MW17D	3/8/2013 9:59	0	4.5	13.3	82.2	-1.28	
BEGMW17D	MW17D	3/19/2013 9:54	0	4.4	13.3	82.3	0.27	
BEGMW17D	MW17D	4/3/2013 9:30	0	4.3	12.9	82.8	0.08	
BEGMW17D	MW17D	4/17/2013 9:34	0	4.5	12.8	82.7	-0.67	
BEGMW17D	MW17D	5/8/2013 8:49	0	4.5	13.1	82.4	0.23	
BEGMW17D	MW17D	5/22/2013 9:35	0	4.5	13	82.5	-0.13	
BEGMW17D	MW17D	6/5/2013 8:55	0	3.8	13.1	83.1	-0.57	
BEGMW17D	MW17D	6/21/2013 10:49	0	4.3	12.9	82.8	-0.38	
BEGMW17D	MW17D	7/10/2013 9:39	0	4.3	12.7	83	-0.81	
BEGMW17D	MW17D	7/24/2013 9:23	0	4.5	12.5	83	-1.15	
BEGMW17D	MW17D	8/7/2013 10:07	0	4.3	12.7	83	-0.52	
BEGMW17D	MW17D	8/27/2013 9:49	0	4.1	12.9	83	-0.57	
BEGMW17D	MW17D	9/12/2013 9:12	0	4.5	12.6	82.9	-0.42	
BEGMW17D	MW17D	9/27/2013 9:23	0	4.3	12.8	82.9	-0.14	
BEGMW17D	MW17D	10/11/2013 9:47	0	4.6	12.6	82.8	-0.65	
BEGMW17D	MW17D	10/24/2013 10:00	0	4.7	13	82.3	-0.7	
BEGMW17D	MW17D	11/13/2013 9:53	0	4	13.2	82.8	-1.31	
BEGMW17D	MW17D	11/27/2013 9:17	0	4.4	13.2	82.4	-0.05	
BEGMW17D	MW17D	12/11/2013 9:47	0	0.1	20.4	79.5	-10.75	
BEGMW17D	MW17D	12/24/2013 9:02	0	4.5	13.3	82.2	-2.02	
BEGMW17M	MW17M	1/9/2013 10:39	0	3.9	16.4	79.7	0.24	
BEGMW17M	MW17M	1/24/2013 9:40	0	4.6	14.4	81	-0.05	
BEGMW17M	MW17M	2/6/2013 9:16	0	5.3	13.3	81.4	-3.58	
BEGMW17M	MW17M	2/21/2013 10:11	0	6.3	12.2	81.5	0.09	
BEGMW17M	MW17M	3/8/2013 10:00	0	7.1	12.4	80.5	-0.6	
BEGMW17M	MW17M	3/19/2013 9:55	0	5.8	14	80.2	-0.06	
BEGMW17M	MW17M	4/3/2013 9:31	0	7	12.5	80.5	-0.09	
BEGMW17M	MW17M	4/17/2013 9:36	0	7.3	12.6	80.1	0	

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GEM ID	GEM ID	Date Time	CH4 % by vol	CO2 % by vol	O2 % by vol	Bal Gas % by vol	Relative pressure (H2O)	Comment
BEGMW17M	MW17M	5/8/2013 8:51	0	7.3	12.9	79.8	-0.12	
BEGMW17M	MW17M	5/22/2013 9:37	0	7	13.3	79.7	-0.54	
BEGMW17M	MW17M	6/5/2013 8:57	0	6.4	13.9	79.7	-0.56	
BEGMW17M	MW17M	6/21/2013 10:50	0	6.5	14.8	78.7	-0.07	
BEGMW17M	MW17M	7/10/2013 9:41	0	5.8	15.6	78.6	-0.16	
BEGMW17M	MW17M	7/24/2013 9:25	0	5.6	16.2	78.2	-0.31	
BEGMW17M	MW17M	8/7/2013 10:09	0	5.4	16.7	77.9	-0.46	
BEGMW17M	MW17M	8/27/2013 9:50	0	4.5	17.7	77.8	0.13	
BEGMW17M	MW17M	9/12/2013 9:14	0	4.2	17.8	78	-0.36	
BEGMW17M	MW17M	9/27/2013 9:25	0	4.4	17	78.6	-0.06	
BEGMW17M	MW17M	10/11/2013 9:48	0	4.2	17.2	78.6	-0.44	
BEGMW17M	MW17M	10/24/2013 10:02	0	4.1	17.6	78.3	-0.44	
BEGMW17M	MW17M	11/13/2013 9:55	0	3	18.1	78.9	-0.57	
BEGMW17M	MW17M	11/27/2013 9:18	0	3.4	17.8	78.8	0.04	
BEGMW17M	MW17M	12/11/2013 9:48	0	3.6	17.7	78.7	0.19	
BEGMW17M	MW17M	12/24/2013 9:03	0	3.3	18	78.7	-0.24	
BEGMW17S	MW17S	1/9/2013 10:40	0	4.9	15.1	80	-0.3	
BEGMW17S	MW17S	1/24/2013 9:42	0	5.8	12.6	81.6	-0.04	
BEGMW17S	MW17S	2/6/2013 9:18	0	8.1	11	80.9	0.32	
BEGMW17S	MW17S	2/21/2013 10:12	0	7.6	11.8	80.6	0.05	
BEGMW17S	MW17S	3/8/2013 10:02	0	6.8	14	79.2	-0.29	
BEGMW17S	MW17S	3/19/2013 9:56	0	6.6	13.5	79.9	-0.07	
BEGMW17S	MW17S	4/3/2013 9:33	0	5.9	14.6	79.5	-0.04	
BEGMW17S	MW17S	4/17/2013 9:37	0	6.2	14.2	79.6	-0.44	
BEGMW17S	MW17S	5/8/2013 8:52	0	7	12.6	80.4	-0.18	
BEGMW17S	MW17S	5/22/2013 9:38	0	6.9	14.3	78.8	0.09	
BEGMW17S	MW17S	6/5/2013 8:58	0	5.9	15.3	78.8	0.05	
BEGMW17S	MW17S	6/21/2013 10:52	0	5.5	16.9	77.6	-0.23	
BEGMW17S	MW17S	7/10/2013 9:42	0	5.3	16.4	78.3	-0.16	
BEGMW17S	MW17S	7/24/2013 9:27	0	4.6	17.6	77.8	-0.14	
BEGMW17S	MW17S	8/7/2013 10:11	0	4.3	17.8	77.9	-0.24	
BEGMW17S	MW17S	8/27/2013 9:51	0	3.4	18.5	78.1	0.01	
BEGMW17S	MW17S	9/12/2013 9:15	0	4.2	17.1	78.7	-0.15	
BEGMW17S	MW17S	9/27/2013 9:27	0	4	17.6	78.4	-0.11	
BEGMW17S	MW17S	10/11/2013 9:50	0	4.2	17	78.8	-0.18	
BEGMW17S	MW17S	10/24/2013 10:04	0	2.9	18.6	78.5	-0.12	
BEGMW17S	MW17S	11/13/2013 9:56	0	2.6	18.3	79.1	-0.54	
BEGMW17S	MW17S	11/27/2013 9:20	0	3.4	17.6	79	0.06	
BEGMW17S	MW17S	12/11/2013 9:49	0	2.8	18.4	78.8	-0.12	
BEGMW17S	MW17S	12/24/2013 9:04	0	2.5	18.7	78.8	-0.24	
Field Technician	Field Technician and Weather Conditions							
Technician	Technician	Date	Ambient	Baro	General	Wind		
BB	BB	01/09/13	39	29.45	Raining	Breezy Wind		
BB	BB	01/24/13	38	29.93	Cloudy	Calm		
BB	BB	02/06/13	43	29.75	Raining	Calm		
BB	BB	02/21/13	43	29.63	Raining	Calm		
BB	BB	03/08/13	41	29.7	Cloudy	Calm		
BB	BB	03/19/13	41	29.68	Partly Cloudy	Calm		
BB	BB	04/03/13	51	29.77	Clear	Calm		
BB	BB	04/17/13	48	30.05	Clear	Calm		
BB	BB	05/08/13	58	29.67	Cloudy	Calm		
BB	BB	05/22/13	47	29.47	Raining	Calm		
BB	BB	06/05/13	66	29.66	Partly Cloudy	Calm		
BB	BB	06/21/13	61	29.74	Cloudy	Calm		
BB	BB	07/10/13	66	29.65	Partly Cloudy	Calm		
BB	BB	07/24/13	72	29.63	Clear	Calm		
BB	BB	08/07/13	71	29.57	Clear	Calm		
BB	BB	08/27/13	68	29.53	Partly Cloudy	Calm		
BB	BB	09/12/13	68	29.59	Partly Cloudy	Calm		
BB	BB	09/27/13	53	29.67	Raining	Breezy Wind		
BB	BB	10/11/13	48	29.76	Raining	Calm		
BB	BB	10/24/13	48	29.68	Cloudy	Calm		
BB	BB	11/13/13	56	30.04	Cloudy	Calm		
BB	BB	11/27/13	48	29.66	Partly Cloudy	Calm		
BB	BB	12/11/13	31	29.97	Partly Cloudy	Calm		
BB	BB	12/24/13	43	30.21	Cloudy	Calm		

**Table 2. LFG Extraction Well Monitoring Results
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GEM ID	Name	Date Time	CH4 % by vol	CO2 % by vol	O2% by vol	Bal Gas % by vol	Init Stat Press In. H2O	System Press In. H2O	Init Temp (deg F)	Comment
BEGEW002	EW02R	1/9/2013 10:51	7	13	9.6	70.4	-0.2	-0.22	40	
BEGEW002	EW02R	1/24/2013 9:57	6.7	14.9	7.1	71.3	-3.6	-4.24	57	
BEGEW002	EW02R	2/6/2013 9:27	49	27.7	0.1	23.2	0	-0.14	51	
BEGEW002	EW02R	2/21/2013 10:26	18.7	20.7	2.8	57.8	-0.9	-0.94	48	
BEGEW002	EW02R	3/8/2013 10:13	22	22	0.2	55.8	-0.5	-0.53	44	
BEGEW002	EW02R	3/19/2013 10:07	5.6	14.8	5.9	73.7	-3.6	-4.21	57	
BEGEW002	EW02R	4/3/2013 9:42	4.3	13.5	7.5	74.7	-4.6	-5.71	57	
BEGEW002	EW02R	4/17/2013 9:48	5.4	14	7.9	72.7	-2.6	-2.77	56	
BEGEW002	EW02R	5/8/2013 9:03	2.3	12.8	7.7	77.2	-7.1	-8.83	56	
BEGEW002	EW02R	5/22/2013 9:48	1.8	13.4	6.4	78.4	-7.2	-8.99	53	
BEGEW002	EW02R	6/5/2013 9:10	1.6	13.1	6.5	78.8	-6.6	-8.27	54	
BEGEW002	EW02R	6/21/2013 9:15	1.5	13.3	6	79.2	-7.1	-8.94	62	
BEGEW002	EW02R	7/10/2013 9:54	1.8	12.7	6.8	78.7	-5.3	-6.38	63	
BEGEW002	EW02R	7/24/2013 9:34	2.2	13	6.6	78.2	-5.3	-6.51	66	
BEGEW002	EW02R	8/7/2013 10:20	2.2	12.9	6.4	78.5	-5.3	-6.66	68	
BEGEW002	EW02R	8/27/2013 9:59	2.4	13.2	6.3	78.1	-5.3	-6.61	70	
BEGEW002	EW02R	9/12/2013 9:25	2.5	13	6.8	77.7	-5.5	-6.81	73	
BEGEW002	EW02R	9/27/2013 9:47	2.4	13.5	6.8	77.3	-5.7	-7.15	75	
BEGEW002	EW02R	10/11/2013 10:00	2.7	12.7	7.2	77.4	-6.1	-7.7	73	
BEGEW002	EW02R	10/24/2013 10:17	0.3	8.9	10.3	80.5	-12.8	-17.89	70	
BEGEW002	EW02R	11/13/2013 10:04	0.4	8.6	10.8	80.2	-5.4	-6.28	64	
BEGEW002	EW02R	11/27/2013 9:28	0.5	9.5	9.7	80.3	-6.8	-8.33	49	
BEGEW002	EW02R	12/11/2013 9:59	0.2	8.1	10.6	81.1	-8.3	-10.92	39	
BEGEW002	EW02R	12/24/2013 9:13	0	6.8	11.5	81.7	-0.4	-0.79	46	
BEGEW003	EW03R	1/9/2013 10:54	13.4	19.8	0.6	66.2	-0.3	-0.33	41	Header Vacuum loss
BEGEW003	EW03R	1/24/2013 9:59	4.9	17.5	1.9	75.7	-6.5	-6.8	57	No Change
BEGEW003	EW03R	2/6/2013 9:30	10.5	19	0.8	69.7	-9.6	-10.05	50	No Change
BEGEW003	EW03R	2/21/2013 10:29	10.8	18.8	0.5	69.9	-10.8	-11.53	54	No Change
BEGEW003	EW03R	3/8/2013 10:16	4.3	18	0.7	77	-4.2	-4.38	46	Header Vacuum loss
BEGEW003	EW03R	3/19/2013 10:09	9.6	17.2	1.9	71.3	-9.1	-9.56	54	No Change
BEGEW003	EW03R	4/3/2013 9:45	5.9	17.4	1.6	75.1	-6.9	-7.1	55	No Change
BEGEW003	EW03R	4/17/2013 9:51	4.5	17	1.4	77.1	-11.2	-11.63	56	No Change
BEGEW003	EW03R	5/8/2013 9:06	8.6	17.1	1.6	72.7	-9.8	-10.1	57	No Change
BEGEW003	EW03R	5/22/2013 9:50	9.3	17.5	1.8	71.4	-9.9	-10.23	54	No Change
BEGEW003	EW03R	6/5/2013 9:13	9.8	17.2	1.6	71.4	-9	-9.33	56	No Change
BEGEW003	EW03R	6/21/2013 9:20	6.3	16.9	2.4	74.4	-9.8	-10.17	59	No Change
BEGEW003	EW03R	7/10/2013 9:56	6	16.7	2.6	74.7	-6.7	-6.85	62	No Change
BEGEW003	EW03R	7/24/2013 9:37	6.3	16.9	2.5	74.3	-6.7	-6.98	63	No Change
BEGEW003	EW03R	8/7/2013 10:22	6.4	16.7	2.7	74.2	-6.8	-7.02	69	No Change
BEGEW003	EW03R	8/27/2013 10:01	8.1	17.2	2.3	72.4	-6.8	-7.03	72	No Change
BEGEW003	EW03R	9/12/2013 9:28	7.9	17	2.8	72.3	-7	-7.18	73	No Change
BEGEW003	EW03R	9/27/2013 9:49	9.8	17.2	3.5	69.5	-7.4	-7.64	74	No Change
BEGEW003	EW03R	10/11/2013 10:03	8.6	16	4.3	71.1	-7.6	-7.84	73	No Change
BEGEW003	EW03R	10/24/2013 10:18	0	0.9	20.6	78.5	-18.1	-19.23	69	No Change

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GEM ID	Name	Date Time	CH4 % by vol	CO2 % by vol	O2% by vol	Bal Gas % by vol	Init Stat Press In. H2O	System Press In. H2O	Init Temp (deg F)	Comment
BEGEW003	EW03R	11/13/2013 10:09	0.7	10.1	10.3	78.9	-14.7	-15.94	62	No Change
BEGEW003	EW03R	11/27/2013 9:30	0.6	8	12.3	79.1	-12.3	-12.63	48	No Change
BEGEW003	EW03R	12/11/2013 10:02	0.4	2.9	16.5	80.2	-11	-11.49	39	No Change
BEGEW003	EW03R	12/24/2013 9:16	0.4	9.2	11.4	79	-8.7	-9.07	45	No Change; Header Vacuum loss
BEGEW004	EW04R	1/9/2013 10:57	2.4	14.4	7.1	76.1	-1.1	-12.56	43	No Change
BEGEW004	EW04R	1/24/2013 10:02	0.8	13.2	8.1	77.9	-0.6	-6.63	54	No Change
BEGEW004	EW04R	2/6/2013 9:32	1.7	14	6.8	77.5	-1	-12.64	52	No Change
BEGEW004	EW04R	2/21/2013 10:33	1.6	13.5	7.1	77.8	-1.2	-11.4	68	No Change
BEGEW004	EW04R	3/8/2013 10:19	1.5	13.6	7	77.9	-1	-10.65	45	No Change
BEGEW004	EW04R	3/19/2013 10:12	1.8	13.8	6.2	78.2	-1.2	-9.6	52	No Change
BEGEW004	EW04R	4/3/2013 9:48	1.3	13.1	7.9	77.7	-0.6	-7.84	51	Closed valve 1/2 to 1 turn
BEGEW004	EW04R	4/17/2013 9:54	1.3	15.1	3.1	80.5	-0.3	-11.68	54	No Change
BEGEW004	EW04R	5/8/2013 9:09	0.7	15.1	3.3	80.9	-0.2	-10.1	55	No Change
BEGEW004	EW04R	5/22/2013 9:53	1	15.6	3.4	80	-0.1	-10.25	56	No Change
BEGEW004	EW04R	6/5/2013 9:16	1	15.5	3.1	80.4	-0.2	-9.34	55	No Change
BEGEW004	EW04R	6/21/2013 9:23	0.8	15.5	4.3	79.4	-1.2	-8.6	63	Opened valve 1/2 turn or less
BEGEW004	EW04R	7/10/2013 9:59	1.5	13.3	7.5	77.7	-6.1	-6.14	63	No Change
BEGEW004	EW04R	7/24/2013 9:40	1.6	13.3	7.3	77.8	-1.3	-6.93	65	No Change
BEGEW004	EW04R	8/7/2013 10:25	1.3	13.4	7	78.3	-1.4	-7.01	70	No Change
BEGEW004	EW04R	8/27/2013 10:04	1.4	14.5	5.6	78.5	-1.4	-7	70	No Change
BEGEW004	EW04R	9/12/2013 9:30	1.4	14.1	6.8	77.7	-1.4	-7.2	71	No Change
BEGEW004	EW04R	9/27/2013 9:51	1.3	14.2	7	77.5	-1.5	-7.58	75	No Change
BEGEW004	EW04R	10/11/2013 10:06	1.5	13.8	7.7	77	-1.6	-7.77	72	No Change
BEGEW004	EW04R	10/24/2013 10:21	0.2	8	13.4	78.4	-3.1	-19.07	68	No Change
BEGEW004	EW04R	11/13/2013 10:11	0.1	7.7	13.7	78.5	-3.4	-22.45	63	No Change
BEGEW004	EW04R	11/27/2013 9:33	0.1	7.3	13.8	78.8	-2.2	-12.71	49	No Change
BEGEW004	EW04R	12/11/2013 10:04	0.1	8.3	13.1	78.5	-2.1	-11.38	40	No Change
BEGEW004	EW04R	12/24/2013 9:19	0.2	8.7	13.1	78	-2.6	-15.86	46	No Change
BEGEW005	EW05R	1/9/2013 11:00	2	12.2	2.5	83.3	-2.6	-11.7	42	No Change
BEGEW005	EW05R	1/24/2013 10:04	1.6	4.9	12	81.5	-2.2	-7.03	56	No Change
BEGEW005	EW05R	2/6/2013 9:35	1.7	8.9	4.3	85.1	-2	-12.78	50	No Change
BEGEW005	EW05R	2/21/2013 10:36	1.5	9	3.4	86.1	-2.1	-11.46	43	No Change
BEGEW005	EW05R	3/8/2013 10:22	1.3	9.8	2.2	86.7	-2.5	-10.33	44	No Change
BEGEW005	EW05R	3/19/2013 10:15	1.4	9.7	2.1	86.8	-2.6	-9.13	48	No Change
BEGEW005	EW05R	4/3/2013 9:52	0.1	15	5.5	79.4	-4.4	-8.57	50	Closed valve > 1 turn; Valve 100% Closed
BEGEW005	EW05R	4/17/2013 9:57	0.7	17.9	2.3	79.1	-2.6	-11.63	53	No Change
BEGEW005	EW05R	5/8/2013 9:12	1.1	18	2.9	78	-3.7	-9.22	54	No Change
BEGEW005	EW05R	5/22/2013 9:55	0.2	18.2	0.8	80.8	-3.2	-10.25	51	No Change
BEGEW005	EW05R	6/5/2013 9:19	0.3	18.8	0.6	80.3	-2	-9.36	54	No Change
BEGEW005	EW05R	6/21/2013 9:26	0.3	19.1	0.3	80.3	-4.9	-7.66	59	Opened valve 1/2 to 1 turn
BEGEW005	EW05R	7/10/2013 10:01	0	16.3	5.1	78.6	-4	-6.6	61	No Change
BEGEW005	EW05R	7/24/2013 9:42	0.1	16.7	4.8	78.4	-4.8	-6.96	65	No Change
BEGEW005	EW05R	8/7/2013 10:28	0	16.3	5	78.7	-4.3	-6.99	72	No Change
BEGEW005	EW05R	8/27/2013 10:06	0	17	3.8	79.2	-4.3	-7.03	73	No Change

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GEM ID	Name	Date Time	CH4 % by vol	CO2 % by vol	O2% by vol	Bal Gas % by vol	Init Stat Press In. H2O	System Press In. H2O	Init Temp (deg F)	Comment
BEGEW005	EW05R	9/12/2013 9:33	0	16.1	5.2	78.7	-4.9	-7.18	73	No Change
BEGEW005	EW05R	9/27/2013 9:54	0	15.9	6.6	77.5	-5.5	-7.59	74	No Change
BEGEW005	EW05R	10/11/2013 10:08	0.1	15.4	7	77.5	-5.2	-7.8	73	No Change
BEGEW005	EW05R	10/24/2013 10:23	0	7	14.4	78.6	-9.6	-19	70	No Change
BEGEW005	EW05R	11/13/2013 10:14	0	6.5	14.8	78.7	-9.4	-22.62	64	No Change
BEGEW005	EW05R	11/27/2013 9:35	0	5.6	15.2	79.2	-7.6	-12.83	50	No Change
BEGEW005	EW05R	12/11/2013 10:11	0	6.6	14.6	78.8	-7.6	-11.36	54	No Change
BEGEW005	EW05R	12/24/2013 9:21	0	6.2	15.4	78.4	-7.6	-15.89	50	No Change
BEGEW010	EW06	1/9/2013 9:10	0	4.9	6.3	88.8	-0.3	-12.74	40	Valve 100% Closed
BEGEW010	EW06	1/24/2013 7:46	0	3.2	8.6	88.2	-0.9	-7.77	46	Valve 100% Closed
BEGE006	EW06	2/6/2013 7:51	0	1.4	16	82.6	-12.3	-12.75	48	Valve 100% Closed
BEGE006	EW06	2/21/2013 8:38	0.1	3.8	11.4	84.7	-11	-11.55	46	Valve 100% Closed
BEGE006	EW06	3/8/2013 8:18	0	3.6	12.3	84.1	-10.3	-10.36	44	Valve 100% Closed
BEGE006	EW06	3/19/2013 8:17	0	2.4	16.2	81.4	-9.2	-9.4	41	Valve 100% Closed
BEGE006	EW06	4/3/2013 7:54	0	1.4	18.5	80.1	-5.5	-5.86	49	Valve 100% Closed
BEGE006	EW06	4/17/2013 8:12	0	2.1	15.9	82	-11.5	-12.24	50	No Change
BEGE006	EW06	5/8/2013 7:25	0	0.2	20.6	79.2	-9.6	-9.6	53	Valve 100% Closed
BEGE006	EW06	5/22/2013 8:00	0	2.5	15.9	81.6	-5.2	-9.41	56	Valve 100% Closed
BEGE006	EW06	6/5/2013 7:25	0	0.6	19.9	79.5	-4.7	-9.9	57	Valve 100% Closed
BEGE006	EW06	6/21/2013 8:04	0	1.2	19	79.8	-4.5	-9.51	63	Valve 100% Closed
BEGE006	EW06	7/10/2013 8:10	0	0.3	20.5	79.2	-1.6	-7.45	64	No Change
BEGE006	EW06	7/24/2013 7:43	0	0.3	20.3	79.4	-4.5	-6.82	71	No Change
BEGE006	EW06	8/7/2013 8:06	0	0.2	20.7	79.1	-2.4	-7.12	78	Valve 100% Closed
BEGE006	EW06	8/27/2013 8:00	0	0.5	20.3	79.2	-0.8	-6.97	77	Valve 100% Closed
BEGE006	EW06	9/12/2013 7:43	0	0.8	19.6	79.6	-0.2	-7.32	76	Valve 100% Closed
BEGE006	EW06	9/27/2013 8:04	0	2.3	15.8	81.9	-0.1	-7.74	74	No Change; Valve 100% Closed
BEGE006	EW06	10/11/2013 8:24	0	3.3	12.3	84.4	-0.7	-7.62	72	Valve 100% Closed
BEGE006	EW06	10/24/2013 8:28	0	1.8	16.3	81.9	-0.3	-18.61	70	No Change
BEGE006	EW06	11/13/2013 8:17	0	2.9	15.9	81.2	-1.1	-23.12	66	No Change
BEGE006	EW06	11/27/2013 7:54	0	3.5	13.8	82.7	0	-9.61	48	No Change; Valve 100% Closed
BEGE006	EW06	12/11/2013 8:32	0	1.8	16.9	81.3	-7.2	-12.22	39	No Change; Valve 100% Closed
BEGE006	EW06	12/24/2013 7:50	0	2.8	16.1	81.1	-10.3	-16.19	53	No Change; Valve 100% Closed
BEGEW007	EW07	1/9/2013 9:14	0	5.3	11.7	83	-11.6	-12.88	40	Valve 100% Closed
BEGEW007	EW07	1/24/2013 7:50	0	5.2	11	83.8	-0.2	-7.96	42	Valve 100% Closed
BEGEW007	EW07	2/6/2013 7:54	0	4.7	12.2	83.1	-12.3	-13.03	50	Valve 100% Closed
BEGEW007	EW07	2/21/2013 8:40	0	6.3	9.1	84.6	-11.1	-11.64	48	Valve 100% Closed
BEGEW007	EW07	3/8/2013 8:20	0	5.8	9	85.2	-10.2	-10.32	47	Valve 100% Closed
BEGEW007	EW07	3/19/2013 8:20	0	4.8	12.6	82.6	-9.4	-9.54	37	Valve 100% Closed
BEGEW007	EW07	4/3/2013 7:57	0	1.1	18.7	80.2	-5.9	-6.02	53	Valve 100% Closed
BEGEW007	EW07	4/17/2013 8:15	0	5.6	11.7	82.7	-11.8	-12.33	52	No Change
BEGEW007	EW07	5/8/2013 7:21	0	0.1	20.8	79.1	-5.1	-9.67	55	Valve 100% Closed
BEGEW007	EW07	5/22/2013 8:04	0	4.3	15.1	80.6	-8	-9.54	51	Valve 100% Closed
BEGEW007	EW07	6/5/2013 7:29	0	0.2	20.9	78.9	-9.2	-9.96	54	Valve 100% Closed
BEGEW007	EW07	6/21/2013 8:08	0	2.3	17.5	80.2	-8.3	-9.39	61	Valve 100% Closed

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BEGEW007	EW07	7/10/2013 8:13	0	0.3	20.2	79.5	-4.2	-7.7	63	No Change
BEGEW007	EW07	7/24/2013 7:47	0	0.1	20.4	79.5	-4.6	-7.02	73	No Change
BEGEW007	EW07	8/7/2013 8:09	0	0.2	20.5	79.3	-3.7	-7.36	74	Valve 100% Closed
BEGEW007	EW07	8/27/2013 8:02	0	0.3	20.4	79.3	-0.3	-7.19	76	Valve 100% Closed
BEGEW007	EW07	9/12/2013 7:46	0	0.5	20.4	79.1	-3.4	-7.69	76	Valve 100% Closed
BEGEW007	EW07	9/27/2013 8:06	0	0.6	20.5	78.9	0	-7.96	75	No Change; Valve 100% Closed
BEGEW007	EW07	10/11/2013 8:27	0	5.6	13.1	81.3	-0.3	-8.08	74	Valve 100% Closed
BEGEW007	EW07	10/24/2013 8:30	0	6.3	12.5	81.2	-0.2	-18.94	71	No Change
BEGEW007	EW07	11/13/2013 8:19	0	6.1	11.8	82.1	-0.7	-24.58	6	No Change
BEGEW007	EW07	11/27/2013 7:56	0	6.4	11.3	82.3	0.7	-9.92	42	No Change; Valve 100% Closed
BEGEW007	EW07	12/11/2013 8:34	0	4.7	11.6	83.7	-8.7	-12.78	34	No Change; Valve 100% Closed
BEGEW007	EW07	12/24/2013 7:54	0	6.6	10.8	82.6	-8.1	-17.08	38	No Change; Valve 100% Closed
BEGEW008	EW08	1/9/2013 9:16	0	1.3	17.8	80.9	-12.7	-12.76	41	Valve 100% Closed
BEGEW008	EW08	1/24/2013 7:52	0	1.7	13.5	84.8	-8.1	-7.99	40	Valve 100% Closed
BEGEW008	EW08	2/6/2013 7:48	0	0.7	16.2	83.1	-13	-13.82	43	Valve 100% Closed
BEGEW008	EW08	2/21/2013 8:42	0.1	1.7	13.1	85.1	-11.8	-11.86	46	Valve 100% Closed
BEGEW008	EW08	3/8/2013 8:42	0.1	2.2	13	84.7	-10.5	-10.36	46	Valve 100% Closed
BEGEW008	EW08	3/19/2013 8:22	0	1.2	15.5	83.3	-10.4	-9.67	41	Valve 100% Closed
BEGEW008	EW08	4/3/2013 7:59	0	1.3	14	84.7	-6	-6.15	51	Valve 100% Closed
BEGEW008	EW08	4/17/2013 8:23	0	1.6	13.1	85.3	-12	-12.32	52	No Change
BEGEW008	EW08	5/8/2013 7:19	0	0.3	19.4	80.3	-1.7	-9.65	56	
BEGEW008	EW08	5/22/2013 8:07	0	1.2	16.6	82.2	-9.3	-9.61	53	Valve 100% Closed
BEGEW008	EW08	6/5/2013 7:31	0	0.6	19.4	80	-9.6	-10.01	55	Valve 100% Closed
BEGEW008	EW08	6/21/2013 8:11	0	1.8	16.9	81.3	-0.5	-9.57	60	Valve 100% Closed
BEGEW008	EW08	7/10/2013 8:16	0	0.3	20.1	79.6	-7	-7.89	62	No Change
BEGEW008	EW08	7/24/2013 7:50	0	0.4	19.5	80.1	-0.2	-7.22	77	No Change
BEGEW008	EW08	8/7/2013 8:12	0	0.1	20.7	79.2	-0.4	-7.57	77	Valve 100% Closed
BEGEW008	EW08	8/27/2013 8:04	0	0.7	19.6	79.7	-0.1	-7.37	77	Valve 100% Closed
BEGEW008	EW08	9/12/2013 7:49	0	0.6	20.2	79.2	-0.3	-7.8	78	Valve 100% Closed
BEGEW008	EW08	9/27/2013 8:09	0	1.8	19	79.2	-0.1	-8.19	76	No Change; Valve 100% Closed
BEGEW008	EW08	10/11/2013 8:29	0	1.8	17.9	80.3	-0.5	-7.96	73	Valve 100% Closed
BEGEW008	EW08	10/24/2013 8:50	0	1	19.6	79.4	-0.1	-19.61	70	No Change
BEGEW008	EW08	11/13/2013 8:21	0	1.6	18.7	79.7	-0.3	-25.17	66	No Change
BEGEW008	EW08	11/27/2013 7:58	0	1.8	16.3	81.9	1.1	-10.24	40	No Change; Valve 100% Closed
BEGEW008	EW08	12/11/2013 8:36	0	1.2	18.3	80.5	-9.6	-13.16	31	No Change; Valve 100% Closed
BEGEW008	EW08	12/24/2013 7:56	0	1.7	17.8	80.5	-13.7	-17.14	37	No Change; Valve 100% Closed
BEGEW009	EW09	1/9/2013 9:31	9	17.5	2.4	71.1	-4.5	-12.84	44	No Change
BEGEW009	EW09	1/24/2013 7:57	8.7	16.7	2.3	72.3	-3.5	-7.93	43	Closed valve 1/2 turn or less
BEGEW009	EW09	2/6/2013 7:58	8.9	17.6	2.1	71.4	-4.5	-13.02	52	Closed valve 1/2 turn or less
BEGEW009	EW09	2/21/2013 9:01	9.5	17.2	2.4	70.9	-3.4	-11.95	41	Closed valve 1/2 turn or less
BEGEW009	EW09	3/8/2013 8:54	10.4	17.3	1.8	70.5	-3	-10.39	48	Opened valve 1/2 turn or less
BEGEW009	EW09	3/19/2013 8:30	11.4	17.7	1.2	69.7	-0.7	-9.86	49	Closed valve 1/2 turn or less
BEGEW009	EW09	4/3/2013 8:15	15.7	18.3	0	66	0	-6.2	52	Opened valve 1/2 turn or less
BEGEW009	EW09	4/17/2013 8:37	17	18	0	65	-9.2	-12.26	51	Opened valve 1/2 turn or less

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GEM ID	Name	Date Time	CH4 % by vol	CO2 % by vol	O2% by vol	Bal Gas % by vol	Init Stat Press In. H2O	System Press In. H2O	Init Temp (deg F)	Comment
BEGEW009	EW09	5/8/2013 7:42	7	16.6	3.2	73.2	-7.2	-9.69	54	Closed valve 1/2 turn or less
BEGEW009	EW09	5/22/2013 8:25	7.7	17.3	2.6	72.4	-5.1	-9.9	60	Closed valve 1/2 turn or less
BEGEW009	EW09	6/5/2013 7:55	10.5	15.5	3.8	70.2	-10.1	-10.24	61	No Change
BEGEW009	EW09	6/21/2013 8:25	14.7	19.2	0	66.1	-0.2	-9.63	61	Valve 100% Closed
BEGEW009	EW09	7/10/2013 8:33	21.7	17.8	0	60.5	-0.2	-7.55	63	Opened valve 1/2 turn or less
BEGEW009	EW09	7/24/2013 7:53	14.5	19.4	0.1	66	-1.1	-7.1	70	No Change
BEGEW009	EW09	8/7/2013 8:17	16.5	19.8	0	63.7	-1.3	-7.45	79	No Change
BEGEW009	EW09	8/27/2013 8:07	15.5	20.2	0	64.3	-0.8	-7.29	78	Closed valve 1/2 turn or less
BEGEW009	EW09	9/12/2013 7:53	14.6	20.3	0.1	65	-1.5	-8.41	78	No Change
BEGEW009	EW09	9/27/2013 8:13	14.4	20.8	0.3	64.5	-1	-8.08	78	No Change
BEGEW009	EW09	10/11/2013 8:38	15	20.8	0.2	64	-1.6	-9.63	75	No Change
BEGEW009	EW09	10/24/2013 8:53	4	18.5	3.3	74.2	-1.9	-19.25	73	Closed valve 1/2 turn or less
BEGEW009	EW09	11/13/2013 8:24	3	18.4	2.4	76.2	-0.8	-25.09	67	No Change
BEGEW009	EW09	11/27/2013 8:01	3.5	18.6	2.2	75.7	-0.2	-10.1	41	No Change
BEGEW009	EW09	12/11/2013 8:40	4.2	17.9	1.8	76.1	-1.1	-13.31	34	No Change
BEGEW009	EW09	12/24/2013 7:59	3.6	16.7	4.2	75.5	-1.2	-16.91	36	No Change
BEGEW014	EW10	1/9/2013 9:34	53.5	7.5	5.5	33.5	-7.4	-7.47	42	Opened valve 1/2 turn or less
BEGEW010	EW10	1/24/2013 8:11	52.4	15.2	4.9	27.5	-7.8	-8.27	44	Opened valve 1/2 turn or less
BEGEW010	EW10	2/6/2013 8:09	66.6	4.8	0.2	28.4	1.3	1.21	52	Header Vacuum loss
BEGEW010	EW10	2/21/2013 9:04	63.6	19.4	1	16	-6.5	-6.42	41	Valve 100% Open
BEGEW010	EW10	3/8/2013 8:57	30.9	16.5	0	52.6	-10.2	-10.32	47	Valve 100% Open
BEGEW010	EW10	3/19/2013 8:40	35.9	16.5	0	47.6	-9.7	-10.34	47	Closed valve 1/2 turn or less
BEGEW010	EW10	4/3/2013 8:19	31.5	17	0	51.5	-5.9	-5.97	48	Closed valve 1/2 turn or less
BEGEW010	EW10	4/17/2013 8:41	33.2	14.9	0.7	51.2	-11.5	-11.89	49	No Change
BEGEW010	EW10	5/8/2013 7:46	39.1	16.2	0	44.7	-9.9	-9.78	51	Closed valve 1/2 turn or less
BEGEW010	EW10	5/22/2013 8:29	24.2	16.2	0	59.6	-9.1	-10	52	Closed valve 1/2 turn or less
BEGEW010	EW10	6/5/2013 7:58	26.6	16.6	0	56.8	-4	-10.12	56	No Change
BEGEW010	EW10	6/21/2013 8:28	24.8	17.4	0	57.8	-3.2	-9.48	59	No Change
BEGEW010	EW10	7/10/2013 8:36	27.8	18.2	0	54	-2.4	-7.72	62	No Change
BEGEW010	EW10	7/24/2013 8:09	26.7	18.5	0	54.8	-2.1	-7.23	72	Closed valve 1/2 turn or less
BEGEW010	EW10	8/7/2013 8:42	27.5	18.6	0	53.9	-1.6	-7.55	80	No Change
BEGEW010	EW10	8/27/2013 8:36	28.8	19.6	0	51.6	-1.3	-7.41	81	No Change
BEGEW010	EW10	9/12/2013 7:55	28.2	20.7	0	51.1	-2.9	-8.4	80	No Change
BEGEW010	EW10	9/27/2013 8:15	26.8	21.3	0	51.9	-1.4	-8.16	79	No Change
BEGEW010	EW10	10/11/2013 8:40	28.5	21.6	0	49.9	-2.7	-9.32	77	No Change
BEGEW010	EW10	10/24/2013 8:55	11.1	21.5	0	67.4	-5	-19.64	74	Closed valve 1/2 turn or less
BEGEW010	EW10	11/13/2013 8:26	13.8	20.6	0	65.6	-1.8	-25.29	69	No Change
BEGEW010	EW10	11/27/2013 8:03	17	19.9	0	63.1	-0.9	-9.94	39	No Change
BEGEW010	EW10	12/11/2013 8:42	13.4	19.7	0	66.9	-3	-13.28	30	No Change
BEGEW010	EW10	12/24/2013 8:02	13	20	0	67	-2.4	-11.72	41	No Change; Header Vacuum loss
BEGEW011	EW11	1/9/2013 9:42	50.6	12	9.4	28	-0.3	-0.42	40	Valve 100% Open; Header Vacuum loss
BEGEW011	EW11	1/24/2013 8:16	62.5	25.9	0.3	11.3	-4.4	-4.64	43	Valve 100% Open
BEGEW011	EW11	2/6/2013 8:13	69.1	21.5	2.6	6.8	-0.1	-0.12	54	Header Vacuum loss
BEGEW011	EW11	2/21/2013 9:08	60.3	22.2	3.6	13.9	-0.7	-0.8	43	Header Vacuum loss

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BEGEW011	EW11	3/8/2013 9:01	53.7	24.9	0.2	21.2	-2.2	-2.26	49	Header Vacuum loss
BEGEW011	EW11	3/19/2013 8:43	30	23.2	0	46.8	-2.6	-2.41	48	Valve 100% Open; Header Vacuum loss
BEGEW011	EW11	4/3/2013 8:23	19.1	20.4	0.6	59.9	-5.5	-5.42	47	Closed valve 1/2 to 1 turn
BEGEW011	EW11	4/17/2013 8:44	11.9	19.9	0	68.2	-5.1	-5.32	49	No Change
BEGEW011	EW11	5/8/2013 7:50	19.2	21.2	0.8	58.8	-7.9	-9.82	51	Closed valve 1/2 turn or less
BEGEW011	EW11	5/22/2013 8:34	19.9	21.4	0	58.7	-2.6	-9.67	57	No Change
BEGEW011	EW11	6/5/2013 8:01	19.4	20.8	0.2	59.6	-2.9	-9.8	57	No Change
BEGEW011	EW11	6/21/2013 8:32	24.1	22.1	0	53.8	-2.6	-9.69	60	No Change
BEGEW011	EW11	7/10/2013 8:40	30.1	23.2	0.4	46.3	-1.8	-6.87	61	No Change
BEGEW011	EW11	7/24/2013 8:13	26.3	24	0.5	49.2	-5.4	-7.36	76	Closed valve 1/2 turn or less
BEGEW011	EW11	8/7/2013 8:49	30.4	24.4	0	45.2	-1.8	-7.35	72	No Change
BEGEW011	EW11	8/27/2013 8:40	36.8	25.7	0	37.5	-1.6	-7.21	74	No Change
BEGEW011	EW11	9/12/2013 8:20	39.3	27.2	0	33.5	-2.7	-8.24	76	Opened valve 1/2 turn or less
BEGEW011	EW11	9/27/2013 8:38	40.1	28.4	0.1	31.4	-1.7	-8.02	77	No Change
BEGEW011	EW11	10/11/2013 9:01	41.7	28.6	0	29.7	-3.1	-8.11	77	No Change
BEGEW011	EW11	10/24/2013 9:15	13.2	25.3	0	61.5	-3.3	-20.26	73	Closed valve 1/2 turn or less
BEGEW011	EW11	11/13/2013 8:44	27.8	23.3	0.7	48.2	-0.4	-25	67	No Change
BEGEW011	EW11	11/27/2013 8:39	38.1	24.7	0.6	36.6	0	-13.55	47	Opened valve 1/2 turn or less
BEGEW011	EW11	12/11/2013 9:03	28.8	25	0.1	46.1	-5.1	-12.12	49	No Change
BEGEW011	EW11	12/24/2013 8:09	27.3	23.9	0.7	48.1	-0.1	-0.17	37	No Change; Header Vacuum loss
BEGEW012	EW12	1/9/2013 9:45	51.8	21.4	6.4	20.4	-1.1	-0.63	40	Header Vacuum loss
BEGEW012	EW12	1/24/2013 8:19	35.3	25	0.3	39.4	-5.8	-6.24	44	Opened valve 1/2 turn or less
BEGEW012	EW12	2/6/2013 8:16	57.4	24.4	0.9	17.3	0.2	-0.28	50	Header Vacuum loss
BEGEW012	EW12	2/21/2013 9:10	64.5	25.4	0	10.1	-1	-1	43	Header Vacuum loss
BEGEW012	EW12	3/8/2013 9:04	31.4	25	0.1	43.5	-4.9	-4.9	47	Header Vacuum loss
BEGEW012	EW12	3/19/2013 8:45	24.3	23.8	0.2	51.7	-3.7	-3.72	46	Closed valve 1/2 turn or less; Header Vacuum loss
BEGEW012	EW12	4/3/2013 8:25	17.7	22.1	0.2	60	-4.3	-4.38	49	Closed valve 1/2 to 1 turn
BEGEW012	EW12	4/17/2013 8:46	18.1	22.6	0.9	58.4	-7.5	-8.29	50	No Change
BEGEW012	EW12	5/8/2013 7:52	14.9	21.8	0.2	63.1	-7.3	-7.9	52	Closed valve 1/2 turn or less
BEGEW012	EW12	5/22/2013 8:36	20.5	22.1	0.2	57.2	-6.6	-7.25	52	Closed valve 1/2 turn or less
BEGEW012	EW12	6/5/2013 8:03	20	21.7	0.2	58.1	-7.5	-9.69	53	No Change
BEGEW012	EW12	6/21/2013 8:35	16.7	21.8	0.1	61.4	-5.6	-9.46	60	Closed valve 1/2 turn or less
BEGEW012	EW12	7/10/2013 8:42	21.9	21.9	0	56.2	-2.2	-6.97	61	No Change
BEGEW012	EW12	7/24/2013 8:15	14.8	20.3	0	64.9	-2.4	-7.3	72	No Change
BEGEW012	EW12	8/7/2013 8:53	20.8	21.6	0	57.6	-2.1	-7.27	76	
BEGEW012	EW12	8/27/2013 8:42	23.5	22.2	0	54.3	-1.9	-7.14	77	No Change
BEGEW012	EW12	9/12/2013 8:18	22.8	23	0	54.2	-2.6	-7.41	77	No Change
BEGEW012	EW12	9/27/2013 8:36	21.8	23.6	0	54.6	-1.8	-7.93	77	No Change
BEGEW012	EW12	10/11/2013 8:59	23.6	23.7	0	52.7	-2.5	-7.8	76	No Change
BEGEW012	EW12	10/24/2013 9:14	4.1	20	1.9	74	-3.6	-19.55	74	Closed valve 1/2 turn or less
BEGEW012	EW12	11/13/2013 8:42	17.2	23	0.2	59.6	-0.9	-25.3	66	No Change
BEGEW012	EW12	11/27/2013 8:37	22	24.8	0	53.2	-0.4	-12.2	52	No Change
BEGEW012	EW12	12/11/2013 9:05	17.4	22.6	0.7	59.3	-1.6	-9.93	37	Opened valve 1/2 turn or less

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BEGEW012	EW12	12/24/2013 8:07	8.6	21.8	0.1	69.5	-0.5	-3.39	39	No Change; Header Vacuum loss
BEGEW013	EW13	1/9/2013 9:52	10.5	14.9	6.7	67.9	-0.1	-1.09	41	Header Vacuum loss
BEGEW013	EW13	1/24/2013 8:28	7.9	19	0.6	72.5	-3.5	-5.31	41	Opened valve 1/2 turn or less
BEGEW013	EW13	2/6/2013 8:24	27.5	22.3	1.3	48.9	-0.2	-0.26	59	Header Vacuum loss
BEGEW013	EW13	2/21/2013 9:18	20.2	20.4	0.3	59.1	-0.9	-1.09	39	Header Vacuum loss
BEGEW013	EW13	3/8/2013 9:06	0.8	11.2	12	76	-3.6	-5.59	46	Valve 100% Closed
BEGEW013	EW13	3/19/2013 8:47	7.3	18.4	0	74.3	-0.3	-3.79	47	Valve 100% Closed; Header Vacuum loss
BEGEW013	EW13	4/3/2013 8:27	8.6	18.2	0	73.2	-3.5	-3.27	50	Valve 100% Closed
BEGEW013	EW13	4/17/2013 8:54	8.3	17.5	0	74.2	-0.7	-7.54	51	No Change
BEGEW013	EW13	5/8/2013 8:00	8.7	17.2	0	74.1	-0.2	-8.04	52	Opened valve 1/2 turn or less
BEGEW013	EW13	5/22/2013 8:39	1	12.9	7.6	78.5	-0.1	-7.51	51	Valve 100% Closed
BEGEW013	EW13	6/5/2013 8:06	11.1	17.2	0	71.7	-0.3	-9.64	54	No Change; Valve 100% Closed
BEGEW013	EW13	6/21/2013 8:38	10.8	13.9	4.4	70.9	-0.2	-10	59	Valve 100% Closed
BEGEW013	EW13	7/10/2013 8:45	14.6	17.4	0	68	-0.1	-6.87	62	No Change
BEGEW013	EW13	7/24/2013 8:18	13.8	15.9	2	68.3	-0.2	-7.3	77	No Change
BEGEW013	EW13	8/7/2013 8:55	12.7	13.9	4.3	69.1	-0.2	-7.26	78	Valve 100% Closed
BEGEW013	EW13	8/27/2013 8:44	16.9	17.1	1	65	-0.1	-7.19	78	No Change
BEGEW013	EW13	9/12/2013 8:16	17.2	17.3	1.4	64.1	-0.2	-7.36	79	Valve 100% Closed
BEGEW013	EW13	9/27/2013 8:33	17.5	18.9	1	62.6	-0.1	-7.94	77	No Change
BEGEW013	EW13	10/11/2013 8:57	18.6	19.6	0.3	61.5	-0.6	-8.3	76	Valve 100% Closed
BEGEW013	EW13	10/24/2013 9:11	17.1	19.9	0.6	62.4	-0.2	-19.23	72	Opened valve 1/2 turn or less
BEGEW013	EW13	11/13/2013 8:40	1.4	14.2	8	76.4	-0.2	-24.91	67	No Change
BEGEW013	EW13	11/27/2013 8:22	0.4	13.5	8.6	77.5	0	-8.34	43	No Change; Valve 100% Closed
BEGEW013	EW13	12/11/2013 9:07	0.3	13.1	8.7	77.9	-0.2	-10.92	31	No Change; Valve 100% Closed
BEGEW013	EW13	12/24/2013 8:05	10	21.6	0.1	68.3	0	-4.88	41	No Change; Header Vacuum loss
BEGEW014	EW14	1/9/2013 9:56	33	25.4	1.8	39.8	-1	-2.66	48	Header Vacuum loss
BEGEW014	EW14	1/24/2013 8:32	21.7	22.1	3.2	53	-3.7	-4.79	47	No Change
BEGEW014	EW14	2/6/2013 8:29	60.5	31.6	0.5	7.4	-0.2	-0.22	50	Header Vacuum loss
BEGEW014	EW14	2/21/2013 9:27	39.9	24.8	1.4	33.9	-1	-1.07	47	Header Vacuum loss
BEGEW014	EW14	3/8/2013 9:20	19.7	20.6	4.3	55.4	-4.1	-5.45	46	Surging in Header
BEGEW014	EW14	3/19/2013 9:02	16.3	20.3	3.1	60.3	-3.1	-4.77	47	Header Vacuum loss
BEGEW014	EW14	4/3/2013 8:41	9.3	16	6.3	68.4	-3.9	-5.16	53	Closed valve 1/2 turn or less
BEGEW014	EW14	4/17/2013 8:57	7.5	14.6	7.8	70.1	-3.3	-9.53	52	Closed valve 1/2 to 1 turn; Valve 100% Closed
BEGEW014	EW14	5/8/2013 8:04	7.6	17.8	1.3	73.3	-0.9	-9.62	54	No Change
BEGEW014	EW14	5/22/2013 8:52	11	14	6.9	68.1	-0.5	-9.45	58	Valve 100% Closed
BEGEW014	EW14	6/5/2013 8:17	14.6	19	0	66.4	-0.7	-9.54	61	No Change
BEGEW014	EW14	6/21/2013 8:54	2.7	8.6	11.1	77.6	-0.6	-10.13	59	Valve 100% Closed
BEGEW014	EW14	7/10/2013 8:54	0.9	1.6	18	79.5	-0.4	-6.78	60	No Change
BEGEW014	EW14	7/24/2013 8:30	6.3	6.5	13.8	73.4	-0.5	-7.17	71	No Change
BEGEW014	EW14	8/7/2013 9:22	1.1	0.9	19.3	78.7	-0.5	-7.17	77	Valve 100% Closed
BEGEW014	EW14	8/27/2013 8:55	7.2	5	14.3	73.5	-0.3	-7.07	79	No Change
BEGEW014	EW14	9/12/2013 8:24	0.9	1	19.7	78.4	-0.3	-7.72	78	Valve 100% Closed
BEGEW014	EW14	9/27/2013 8:42	17.6	22.2	0.4	59.8	-0.2	-8.1	77	No Change

**Table 2. LFG Extraction Well Monitoring Results
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GEM ID	Name	Date Time	CH4 % by vol	CO2 % by vol	O2% by vol	Bal Gas % by vol	Init Stat Press In. H2O	System Press In. H2O	Init Temp (deg F)	Comment
BEGEW014	EW14	10/11/2013 9:04	12.9	21.7	0	65.4	-1.2	-8.66	75	Valve 100% Closed
BEGEW014	EW14	10/24/2013 9:18	0	7.6	13.9	78.5	-0.6	-19.61	71	No Change
BEGEW014	EW14	11/13/2013 8:48	0	7.5	13.9	78.6	-0.3	-25.27	63	No Change
BEGEW014	EW14	11/27/2013 8:42	0.1	8.2	11.3	80.4	0	-13.19	46	No Change; Valve 100% Closed
BEGEW014	EW14	12/11/2013 9:10	0	5.9	13.9	80.2	-0.3	-11.89	37	No Change; Valve 100% Closed
BEGEW014	EW14	12/24/2013 8:22	0	7.7	13.5	78.8	-0.2	-5.58	52	No Change; Valve 100% Closed; Header Vacuum loss
BEGEW015	EW15	1/9/2013 10:03	41.7	20.8	3.2	34.3	-1	-1.09	40	Header Vacuum loss
BEGEW015	EW15	1/24/2013 8:40	39.5	22.8	0.6	37.1	-4.4	-4.39	43	Opened valve 1/2 turn or less
BEGEW015	EW15	2/6/2013 8:35	51.8	22.5	2.3	23.4	-0.1	-0.44	51	Header Vacuum loss
BEGEW015	EW15	2/21/2013 9:33	52.2	21	0.3	26.5	-1	-0.93	44	Header Vacuum loss
BEGEW015	EW15	3/8/2013 9:26	42.2	23.7	0.4	33.7	-4.9	-5.64	45	Header Vacuum loss
BEGEW015	EW15	3/19/2013 9:12	41.1	23.7	0.1	35.1	-4.1	-4.08	46	Header Vacuum loss
BEGEW015	EW15	4/3/2013 8:44	31.3	22.4	0	46.3	-5.3	-5.29	51	Closed valve 1/2 turn or less
BEGEW015	EW15	4/17/2013 9:02	27.2	21.9	0	50.9	-9.5	-10.25	52	Closed valve 1/2 turn or less
BEGEW015	EW15	5/8/2013 8:10	31.7	22.3	0	46	-9.2	-7.54	55	No Change
BEGEW015	EW15	5/22/2013 9:00	30.3	22.7	0	47	-6.5	-10.11	58	Closed valve 1/2 turn or less
BEGEW015	EW15	6/5/2013 8:23	30.6	21.8	0.7	46.9	-3.4	-8.94	62	No Change
BEGEW015	EW15	6/21/2013 8:58	29.4	22.2	0	48.4	-3.2	-9.49	61	No Change
BEGEW015	EW15	7/10/2013 8:56	30.5	22.7	0	46.8	-2.3	-6.71	62	No Change
BEGEW015	EW15	7/24/2013 8:33	30.1	21.7	0.5	47.7	-2.3	-7.03	68	No Change
BEGEW015	EW15	8/7/2013 9:25	31.4	21.6	0.6	46.4	-2.2	-7.07	75	No Change
BEGEW015	EW15	8/27/2013 8:58	34.2	22.9	0	42.9	-1.9	-6.91	76	No Change
BEGEW015	EW15	9/12/2013 8:26	35.7	23.7	0	40.6	-2.1	-7.05	77	No Change
BEGEW015	EW15	9/27/2013 8:45	34.9	24.8	0	40.3	-1.6	-7.62	76	No Change
BEGEW015	EW15	10/11/2013 9:06	37.7	25.5	0.1	36.7	-2.3	-8.22	76	No Change
BEGEW015	EW15	10/24/2013 9:21	12.1	23.4	0.3	64.2	-2.9	-19.5	72	Closed valve 1/2 turn or less
BEGEW015	EW15	11/13/2013 8:50	15.4	22.6	0.4	61.6	-1.6	-24.66	65	No Change
BEGEW015	EW15	11/27/2013 8:44	17	22.6	0.2	60.2	-0.9	-10.97	44	No Change; Valve 100% Closed
BEGEW015	EW15	12/11/2013 9:13	14.9	20.2	1.1	63.8	-3	-11.45	33	Opened valve 1/2 turn or less
BEGEW015	EW15	12/24/2013 8:25	11.2	21.5	0.3	67	-1.9	-5.21	44	No Change; Header Vacuum loss
BEGEW016	EW16	1/9/2013 10:15	18	10.6	9.7	61.7	-1.1	-1.29	43	Header Vacuum loss
BEGEW016	EW16	1/24/2013 9:11	0.3	4.3	13.8	81.6	-4.4	-4.48	49	No Change
BEGEW016	EW16	2/6/2013 8:53	48.2	22.3	2.4	27.1	-0.1	-0.18	56	Header Vacuum loss
BEGEW016	EW16	2/21/2013 9:44	49.2	22.5	0.1	28.2	-1	-1.03	44	Header Vacuum loss
BEGEW016	EW16	3/8/2013 9:35	0.1	9.6	6.5	83.8	-5.5	-5.2	44	Header Vacuum loss
BEGEW016	EW16	3/19/2013 9:29	0.3	10.3	4.6	84.8	-4.3	-4.63	46	Header Vacuum loss
BEGEW016	EW16	4/3/2013 9:05	0.1	10.1	4.5	85.3	-5.9	-5.93	52	Closed valve > 1 turn; Valve 100% Closed
BEGEW016	EW16	4/17/2013 9:12	2.1	12.2	0.8	84.9	-0.9	-10.26	54	No Change
BEGEW016	EW16	5/8/2013 8:19	7.2	11.9	0.6	80.3	-1.7	-9.24	52	No Change
BEGEW016	EW16	5/22/2013 9:13	8.5	11.7	0.4	79.4	-1.6	-9.39	53	Valve 100% Closed
BEGEW016	EW16	6/5/2013 8:34	8	10	2.9	79.1	-0.7	-8.51	55	No Change; Valve 100% Closed
BEGEW016	EW16	6/21/2013 10:21	10.6	12	0.3	77.1	-1.2	-8.08	61	Valve 100% Closed
BEGEW016	EW16	7/10/2013 9:11	5.7	4.6	12.1	77.6	-1	-6.63	62	No Change

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GEM ID	Name	Date Time	CH4 % by vol	CO2 % by vol	O2% by vol	Bal Gas % by vol	Init Stat Press In. H2O	System Press In. H2O	Init Temp (deg F)	Comment
BEGEW016	EW16	7/24/2013 8:46	3.1	2.6	15.4	78.9	-0.5	-6.9	70	No Change
BEGEW016	EW16	8/7/2013 9:39	7	6.3	7.7	79	-0.6	-6.92	77	Valve 100% Closed
BEGEW016	EW16	8/27/2013 9:42	16.8	11.7	3.2	68.3	-0.3	-6.84	78	Valve 100% Closed
BEGEW016	EW16	9/12/2013 8:42	28.2	15.4	0	56.4	-3.1	-7.71	80	Valve 100% Closed
BEGEW016	EW16	9/27/2013 8:54	31.7	15.4	0.3	52.6	0	-7.63	79	Opened valve 1/2 turn or less
BEGEW016	EW16	10/11/2013 9:19	0.1	7.6	8.8	83.5	-7.6	-7.97	77	Closed valve 1/2 to 1 turn; Valve 100% Closed
BEGEW016	EW16	10/24/2013 9:32	0	10.7	3.5	85.8	-0.7	-19.07	72	No Change
BEGEW016	EW16	11/13/2013 9:01	0	9.1	4.2	86.7	-0.7	-21.87	64	No Change
BEGEW016	EW16	11/27/2013 8:55	2.5	12.4	0.1	85	-0.1	-11.01	45	No Change; Valve 100% Closed
BEGEW016	EW16	12/11/2013 9:24	11.3	11.9	3.1	73.7	-1.1	-10.91	45	No Change; Valve 100% Closed
BEGEW016	EW16	12/24/2013 8:39	15.3	14.7	0.1	69.9	-0.6	-4.95	50	No Change; Valve 100% Closed; Header Vacuum loss
BEGEW017	EW17	1/9/2013 10:11	0.1	4.7	15.3	79.9	-0.3	-0.42	45	Valve 100% Closed; Header Vacuum loss
BEGEW017	EW17	1/24/2013 8:47	0.1	3	17.3	79.6	-0.1	-4.14	40	Valve 100% Closed
BEGEW017	EW17	2/6/2013 8:42	41.2	15.3	3.8	39.7	-0.2	-0.35	47	Header Vacuum loss
BEGEW017	EW17	2/21/2013 9:40	20.7	17.8	1	60.5	-1	-1.32	41	Header Vacuum loss
BEGEW017	EW17	3/8/2013 9:31	0.1	6.4	13.3	80.2	-5.2	-4.96	44	Header Vacuum loss
BEGEW017	EW17	3/19/2013 9:24	0.1	6.2	13.3	80.4	-4	-4.22	47	Header Vacuum loss
BEGEW017	EW17	4/3/2013 8:54	0.1	5.2	14.2	80.5	-5	-5.1	50	Valve 100% Closed
BEGEW017	EW17	4/17/2013 9:09	0	3.3	16.8	79.9	-9.3	-10.47	53	No Change
BEGEW017	EW17	5/8/2013 8:16	0.1	2.3	18.2	79.4	-0.5	-9.09	55	No Change
BEGEW017	EW17	5/22/2013 9:07	0	2.4	18.1	79.5	-0.2	-9.41	51	Valve 100% Closed
BEGEW017	EW17	6/5/2013 8:29	0	0.9	19.5	79.6	-0.6	-8.22	54	No Change; Valve 100% Closed
BEGEW017	EW17	6/21/2013 9:06	0.1	6.9	13	80	-0.5	-9.15	60	Valve 100% Closed
BEGEW017	EW17	7/10/2013 9:07	0	0.8	19.7	79.5	-0.3	-6.68	63	No Change
BEGEW017	EW17	7/24/2013 8:43	0	0.5	19.9	79.6	-0.4	-6.81	70	No Change
BEGEW017	EW17	8/7/2013 9:36	0	0.5	19.7	79.8	-0.5	-6.84	75	Valve 100% Closed
BEGEW017	EW17	8/27/2013 9:07	0	1	18.6	80.4	-0.3	-6.79	74	Valve 100% Closed
BEGEW017	EW17	9/12/2013 9:20	0	0.9	19.7	79.4	-0.5	-7.85	75	Valve 100% Closed
BEGEW017	EW17	9/27/2013 9:34	0	1.1	19	79.9	-0.1	-7.35	74	No Change
BEGEW017	EW17	10/11/2013 9:15	0	0.7	20.7	78.6	-7.6	0.32	74	No Change
BEGEW017	EW17	10/11/2013 9:16	0	2.4	16.5	81.1	-0.9	-7.87	74	Valve 100% Closed
BEGEW017	EW17	10/24/2013 9:29	0	3.8	16.8	79.4	-0.6	-18.72	70	No Change
BEGEW017	EW17	11/13/2013 8:58	0	3.4	16.7	79.9	-0.6	-12.43	62	No Change
BEGEW017	EW17	11/27/2013 8:52	0	3.4	16.2	80.4	0	-10.55	43	No Change; Valve 100% Closed
BEGEW017	EW17	12/11/2013 9:21	0	4.2	14.1	81.7	-0.5	-10.98	40	No Change; Valve 100% Closed
BEGEW017	EW17	12/24/2013 8:35	0	7.5	6.1	86.4	-0.3	-5.32	51	No Change; Header Vacuum loss
BEGEW018	EW18	1/9/2013 10:47	0.2	5.6	13.7	80.5	-0.1	-0.14	42	Header Vacuum loss
BEGEW018	EW18	1/24/2013 9:54	0	4.9	13.9	81.2	-3.1	-4.52	55	No Change
BEGEW018	EW18	2/6/2013 9:24	45.2	25.8	0.2	28.8	0	-0.07	49	Header Vacuum loss
BEGEW018	EW18	2/21/2013 10:19	12.4	16.8	0.1	70.7	-0.9	-0.98	52	Header Vacuum loss
BEGEW018	EW18	3/8/2013 10:10	0	4.9	14.4	80.7	-4.6	-5.64	47	Header Vacuum loss
BEGEW018	EW18	3/19/2013 10:04	0	4.3	15.2	80.5	-3.6	-4.23	55	Header Vacuum loss

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GEM ID	Name	Date Time	CH4 % by vol	CO2 % by vol	O2% by vol	Bal Gas % by vol	Init Stat Press In. H2O	System Press In. H2O	Init Temp (deg F)	Comment
BEGEW018	EW18	4/3/2013 9:39	0	3.8	15.6	80.6	-5	-5.55	53	No Change
BEGEW018	EW18	4/17/2013 9:45	0	4.4	15.4	80.2	-9.1	-9.8	54	No Change
BEGEW018	EW18	5/8/2013 9:00	0	3.9	15.6	80.5	-8.1	-8.82	55	No Change
BEGEW018	EW18	5/22/2013 9:45	0	4.7	15	80.3	-8.3	-9.05	55	No Change
BEGEW018	EW18	6/5/2013 9:07	0	4	15.7	80.3	-7.5	-8.24	57	No Change
BEGEW018	EW18	6/21/2013 9:12	0	4.2	15.5	80.3	-8.1	-8.94	61	No Change
BEGEW018	EW18	7/10/2013 9:50	0	3.7	16	80.3	-5.8	-6.4	62	No Change
BEGEW018	EW18	7/24/2013 9:32	0	4	15.8	80.2	-5.9	-6.58	69	No Change
BEGEW018	EW18	8/7/2013 10:17	0	3.8	15.5	80.7	-6	-6.67	72	No Change
BEGEW018	EW18	8/27/2013 9:57	0	4.2	15.3	80.5	-5.9	-6.59	73	No Change
BEGEW018	EW18	9/12/2013 9:23	0	4	14.9	81.1	-6.2	-6.82	75	No Change
BEGEW018	EW18	9/27/2013 9:37	0	3.9	15.7	80.4	-6.6	-7.18	75	No Change
BEGEW018	EW18	10/11/2013 9:58	0	3.6	16.1	80.3	-7.2	-7.75	74	No Change
BEGEW018	EW18	10/24/2013 10:15	0	3.7	15.6	80.7	-15.1	-18.11	71	No Change
BEGEW018	EW18	11/13/2013 10:03	0	3.2	16.5	80.3	-7.6	-10.37	63	No Change
BEGEW018	EW18	11/27/2013 9:26	0	3.1	15.4	81.5	-8	-9.42	53	No Change
BEGEW018	EW18	12/11/2013 9:58	0	2.9	15.7	81.4	-9.8	-10.92	47	No Change
BEGEW018	EW18	12/24/2013 9:11	0	3	16.5	80.5	-4.8	-4.76	53	No Change; Header Vacuum loss
BEGEW019	EW19	1/9/2013 10:06	35.6	21	3.6	39.8	0	-0.08	38	Header Vacuum loss
BEGEW019	EW19	1/24/2013 8:44	30.4	21.6	0.5	47.5	-5.1	-6.16	45	No Change
BEGEW019	EW19	2/6/2013 8:38	44.7	20.6	0.8	33.9	0	-0.06	49	Header Vacuum loss
BEGEW019	EW19	2/21/2013 9:37	54.3	21.4	0.1	24.2	-1.2	-1.31	44	Header Vacuum loss
BEGEW019	EW19	3/8/2013 9:28	40.5	20.4	0.4	38.7	-0.9	-0.47	48	Header Vacuum loss
BEGEW019	EW19	3/19/2013 9:19	42.2	20.5	0	37.3	-0.3	-0.42	45	Header Vacuum loss
BEGEW019	EW19	4/3/2013 8:50	39.7	20.2	0	40.1	-5.4	-5.42	51	Opened valve 1/2 turn or less
BEGEW019	EW19	4/17/2013 9:05	0.1	0.6	20.5	78.8	-0.6	-0.57	54	Valve 100% Closed; Header Vacuum loss
BEGEW019	EW19	5/8/2013 8:13	37.3	19.8	0	42.9	-1	-10.38	54	Opened valve 1/2 turn or less
BEGEW019	EW19	5/22/2013 9:03	38.6	19.8	0	41.6	-0.9	-10.46	55	No Change
BEGEW019	EW19	6/5/2013 8:26	39.5	19.2	0.1	41.2	-2.1	-9.29	57	Opened valve 1/2 turn or less
BEGEW019	EW19	6/21/2013 9:02	33.1	20.3	0.1	46.5	-2.7	-10.33	58	No Change
BEGEW019	EW19	7/10/2013 9:03	32.1	20.5	0.1	47.3	-2.2	-7.24	61	No Change
BEGEW019	EW19	7/24/2013 8:39	30.5	20.4	0.2	48.9	-2.1	-7.83	71	No Change
BEGEW019	EW19	8/7/2013 9:32	29.7	20.5	0.2	49.6	-2.1	-7.85	80	No Change
BEGEW019	EW19	8/27/2013 9:04	29.7	21.2	0	49.1	-1.7	-7.86	81	Closed valve 1/2 turn or less
BEGEW019	EW19	9/12/2013 8:36	30.4	21.9	0	47.7	-3.1	-7.44	80	No Change
BEGEW019	EW19	9/27/2013 8:51	30.4	22.8	0.1	46.7	-1.5	-8.54	80	No Change
BEGEW019	EW19	10/11/2013 9:12	32.7	22.8	0	44.5	-1.9	-8.13	78	No Change
BEGEW019	EW19	10/24/2013 9:26	18.7	22	0.8	58.5	-3	-21.58	74	No Change
BEGEW019	EW19	11/13/2013 8:56	12.6	21.2	0.8	65.4	-2.9	-19.68	65	No Change
BEGEW019	EW19	11/27/2013 8:50	12.7	21.8	0.2	65.3	-0.9	-3.85	44	No Change; Header Vacuum loss
BEGEW019	EW19	12/11/2013 9:18	12.2	20.3	1.8	65.7	-2.3	-12.08	41	No Change
BEGEW019	EW19	12/24/2013 8:31	2.3	4.9	15.7	77.1	-0.3	-0.23	48	No Change; Header Vacuum loss
BEGEW020	EW20	1/9/2013 9:59	34.7	13.2	8.1	44	0	-0.07	39	Header Vacuum loss
BEGEW020	EW20	1/24/2013 8:36	3.6	13.2	8.2	75	-1.6	-5.52	40	Closed valve 1/2 to 1 turn

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GEM ID	Name	Date Time	CH4 % by vol	CO2 % by vol	O2% by vol	Bal Gas % by vol	Init Stat Press In. H2O	System Press In. H2O	Init Temp (deg F)	Comment
BEGEW020	EW20	2/6/2013 8:32	45	21	0.4	33.6	0	-0.08	49	Header Vacuum loss
BEGEW020	EW20	2/21/2013 9:29	57.9	22	0	20.1	-1.2	-1.33	43	Header Vacuum loss
BEGEW020	EW20	3/8/2013 9:22	41.1	19.1	2.3	37.5	-0.9	-0.93	43	Header Vacuum loss
BEGEW020	EW20	3/19/2013 9:05	40.7	19.7	0.6	39	-0.4	-0.79	45	Valve 100% Open; Header Vacuum loss
BEGEW020	EW20	4/3/2013 8:47	4.3	11.7	9	75	-2.7	-7.08	53	Valve 100% Closed
BEGEW020	EW20	4/17/2013 8:59	9.5	12.2	0.8	77.5	-0.9	-0.98	53	Valve 100% Closed; Header Vacuum loss
BEGEW020	EW20	5/8/2013 8:06	9.2	5.7	14.8	70.3	-0.8	-10.26	52	Opened valve 1/2 turn or less
BEGEW020	EW20	5/22/2013 8:55	2.3	12.9	5.2	79.6	-0.4	-10.39	57	Closed valve 1/2 turn or less; Valve 100% Closed
BEGEW020	EW20	6/5/2013 8:20	25.9	16	3.8	54.3	-0.5	-9.91	62	Opened valve 1/2 turn or less
BEGEW020	EW20	6/21/2013 8:51	7.4	12.6	7.4	72.6	-0.9	-10.37	62	Closed valve 1/2 turn or less; Valve 100% Closed
BEGEW020	EW20	7/10/2013 8:59	0.2	14.6	1.2	84	-0.6	-7.17	62	No Change
BEGEW020	EW20	7/24/2013 8:36	0.1	0.4	20.4	79.1	-0.4	-7.61	70	No Change
BEGEW020	EW20	8/7/2013 9:28	0.3	0.8	19.3	79.6	-0.4	-7.86	77	Valve 100% Closed
BEGEW020	EW20	8/27/2013 9:00	1.8	4.3	13.5	80.4	-0.3	-7.75	76	Valve 100% Closed
BEGEW020	EW20	9/12/2013 8:29	3.2	6.6	12.6	77.6	-0.4	-8.16	78	Valve 100% Closed
BEGEW020	EW20	9/27/2013 8:47	9.6	19	0.2	71.2	-0.2	-8.6	78	No Change
BEGEW020	EW20	10/11/2013 9:09	17.4	20.5	0.3	61.8	-0.8	-8.4	76	Valve 100% Closed
BEGEW020	EW20	10/24/2013 9:23	0	5	16	79	-0.4	-21.7	71	No Change
BEGEW020	EW20	11/13/2013 8:52	0.1	10	11.1	78.8	-0.3	-20.8	63	No Change
BEGEW020	EW20	11/27/2013 8:47	0	12.6	5.3	82.1	0	-4.96	43	No Change; Valve 100% Closed; Header Vacuum loss
BEGEW020	EW20	12/11/2013 9:15	0.2	8.7	9.4	81.7	-0.5	-13.03	30	No Change; Valve 100% Closed
BEGEW020	EW20	12/24/2013 8:27	0	3.3	16.5	80.2	-0.1	-1.68	39	No Change; Header Vacuum loss; See Field Notes
BEGEW021	EW21	1/9/2013 11:03	5.1	17.4	2.2	75.3	-0.9	-6.37	44	Opened valve 1/2 turn or less
BEGEW021	EW21	1/24/2013 10:07	1.8	9.5	9.4	79.3	-0.2	-6.74	53	Valve 100% Closed
BEGEW021	EW21	2/6/2013 9:38	2.9	15.4	2.9	78.8	0	-13.14	58	Opened valve 1/2 turn or less
BEGEW021	EW21	2/21/2013 10:45	3.3	16.6	0.7	79.4	-10.6	-10.23	40	Valve 100% Closed
BEGEW021	EW21	3/8/2013 10:25	3	17.1	0	79.9	-0.1	-10.83	46	Valve 100% Closed
BEGEW021	EW21	3/19/2013 10:19	3.6	16.5	0.2	79.7	-7.8	-9.71	47	Opened valve 1/2 turn or less
BEGEW021	EW21	4/3/2013 9:55	3.4	16.8	0	79.8	0	-8.88	56	Valve 100% Closed
BEGEW021	EW21	4/17/2013 10:00	4.1	16.9	0	79	-0.1	-12.17	53	No Change
BEGEW021	EW21	5/8/2013 9:14	4.4	15.9	0.7	79	-0.2	-10.16	54	No Change
BEGEW021	EW21	5/22/2013 9:58	4	14.4	1.9	79.7	0	-10.52	55	Valve 100% Closed
BEGEW021	EW21	6/5/2013 9:22	3.6	13.2	2.9	80.3	-0.1	-9.53	56	No Change; Valve 100% Closed
BEGEW021	EW21	6/21/2013 9:29	3.9	12.8	3.2	80.1	0	-8.68	60	Valve 100% Closed
BEGEW021	EW21	7/10/2013 10:03	1.4	6.1	11.9	80.6	-0.1	-7.46	63	No Change
BEGEW021	EW21	7/24/2013 9:46	0.7	3.5	15.3	80.5	-0.2	-7.8	78	No Change
BEGEW021	EW21	8/7/2013 10:31	0.8	5.4	12.5	81.3	-0.2	-7.83	77	Valve 100% Closed
BEGEW021	EW21	8/27/2013 10:09	1.1	7.4	10.8	80.7	-0.2	-7.84	77	No Change
BEGEW021	EW21	9/12/2013 9:37	1.4	10	8.6	80	-0.1	-8.54	75	No Change
BEGEW021	EW21	9/27/2013 9:56	2.2	16.3	3	78.5	-0.2	-8.5	75	No Change

**Table 2. LFG Extraction Well Monitoring Results
January Through December 2013
Eastgate Area Properties Landfill**

Eastgate Area Properties Summary										
GEM ID	Name	Date Time	CH4 % by vol	CO2 % by vol	O2% by vol	Bal Gas % by vol	Init Stat Press In. H2O	System Press In. H2O	Init Temp (deg F)	Comment
BEGEW021	EW21	10/11/2013 10:11	2.6	18.4	1.3	77.7	-0.1	-8.69	72	Valve 100% Closed
BEGEW021	EW21	10/24/2013 10:25	0.6	21.5	0.6	77.3	-0.2	-21.69	68	No Change
BEGEW021	EW21	11/13/2013 10:16	0.2	22.7	0.2	76.9	-0.1	-25.32	61	No Change
BEGEW021	EW21	11/27/2013 9:37	0.1	22.3	1.5	76.1	0	-14.31	50	No Change; Valve 100% Closed
BEGEW021	EW21	12/11/2013 10:13	0.1	19.7	4.6	75.6	-0.2	-12.79	48	No Change; Valve 100% Closed
BEGEW021	EW21	12/24/2013 7:52	0.1	24.3	0	75.6	-0.1	-17.37	43	No Change; Valve 100% Closed
Well with minimum temperature during reporting period										
EW07	11/13/2013 8:19	Init = 6 Adj = 65								
Well with maximum temperature during reporting period										
EW16	9/27/2013 8:54	Init = 79 Adj = 799								
Field Technician and Weather Conditions										
Technician	Date	Ambient Temp (deg F)	Baro Press (in -Hg)	General Weather	Wind Speed	Wind Direction				
BB	01/09/13	39	29.46	Raining	Breezy Wind	S				
BB	01/24/13	38	29.88	Cloudy	Calm	S				
BB	02/06/13	43	29.74	Raining	Calm	NE				
BB	02/21/13	43	29.61	Raining	Calm	N				
BB	03/08/13	41	29.67	Partly Cloudy	Calm	N				
BB	03/19/13	41	29.63	Partly Cloudy	Calm	N				
BB	04/03/13	51	29.74	Clear	Calm	N				
BB	04/17/13	48	30.01	Clear	Calm	N				
BB	05/08/13	58	29.68	Cloudy	Calm	N				
BB	05/22/13	47	29.46	Raining	Calm	S				
BB	06/05/13	66	29.66	Partly Cloudy	Calm	N				
BB	06/21/13	61	29.74	Cloudy	Calm	W				
BB	07/10/13	66	29.65	Partly Cloudy	Calm	W				
BB	07/24/13	72	29.63	Clear	Calm	N				
BB	08/07/13	71	29.57	Clear	Calm	N				
BB	08/27/13	68	29.52	Partly Cloudy	Calm	NE				
BB	09/12/13	68	29.58	Partly Cloudy	Calm	N				
BB	09/27/13	53	29.65	Raining	Breezy Wind	S				
BB	10/11/13	48	29.74	Raining	Calm	S				
BB	10/24/13	48	29.67	Cloudy	Calm	N				
BB	11/13/13	56	30.03	Cloudy	Calm	S				
BB	11/27/13	48	29.63	Partly Cloudy	Calm	S				
BB	12/11/13	31	29.95	Partly Cloudy	Calm	S				
BB	12/24/13	43	30.2	Cloudy	Calm	E				
BB	12/26/12	39	29.44	Raining	Calm	N				

**Table 3. LFG Sample Port and Blower Flare Station Monitoring Results
January Through December 2013
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	1/9/2013 8:39	0.8	1.7	18.7	78.8	NA	-12.7	21	No Change
Blower Inlet-4	1/24/2013 7:05	20.3	19.4	1.2	59.1	NA	-8	23	No Change
Blower Inlet-4	2/6/2013 6:59	0	5.4	11.2	83.4	NA	-12.9	3	No Change
Blower Inlet-4	2/21/2013 8:00	54.8	21.4	0.2	23.6	NA	-11.7	13	
Blower Inlet-4	3/8/2013 7:57	1.9	6.9	9.8	81.4	NA	-10.1	10	No Change
Blower Inlet-4	3/19/2013 7:48	3.1	9.1	10.5	77.3	NA	-9.6	10	No Change
Blower Inlet-4	4/3/2013 7:28	19	15.4	5	60.6	NA	-5.7	32	No Change
Blower Inlet-4	4/17/2013 7:31	0.8	8.4	8.7	82.1	NA	-12.1	8	No Change
Blower Inlet-4	5/8/2013 9:20	24.5	15.7	4.2	55.6	NA	-10.1	5	No Change
Blower Inlet-4	5/22/2013 10:02	31.4	17.5	2.4	48.7	NA	-10.5	5	No Change
Blower Inlet-4	6/5/2013 9:27	23.6	16.7	1.7	58	NA	-9.6	19	No Change
Blower Inlet-4	6/21/2013 9:34	31	19.2	0.9	48.9	NA	-8.4	10	No Change
Blower Inlet-4	7/10/2013 10:09	27.4	17.9	2.6	52.1	NA	-7.5	10	No Change
Blower Inlet-4	7/24/2013 9:51	28.4	19.2	1.1	51.3	NA	-7.8	11	No Change
Blower Inlet-4	8/7/2013 10:41	27.7	19.7	0.8	51.8	NA	-7.8	10	No Change
Blower Inlet-4	8/27/2013 10:15	27.2	20.2	0.9	51.7	NA	-7.9	8	No Change
Blower Inlet-4	9/12/2013 9:43	27.3	20.3	1.2	51.2	NA	-8	8	No Change
Blower Inlet-4	9/27/2013 10:00	28.5	22.1	0.6	48.8	NA	-8.4	8	No Change
Blower Inlet-4	10/11/2013 10:17	31	22.3	0.4	46.3	NA	-8.7	7	No Change
Blower Inlet-4	10/24/2013 10:31	17.4	21.2	1.6	59.8	NA	-21.7	12	No Change
Blower Inlet-4	11/13/2013 10:20	11.9	20.4	1.5	66.2	NA	-25.6	12	No Change
Blower Inlet-4	11/27/2013 9:42	11.6	20.3	1.5	66.6	NA	-13.9	8	No Change
Blower Inlet-4	12/11/2013 10:19	11.3	21	1.2	66.5	NA	-12.9	6	No Change
Blower Inlet-4	12/24/2013 9:25	0	3.7	16.1	80.2	NA	-17.5	0	No Change
Blower Inlet-6	1/9/2013 8:41	10.8	17.3	3.9	68	NA	-12.8	43	No Change
Blower Inlet-6	1/24/2013 7:07	12.6	15.9	5.7	65.8	NA	-7.8	49	No Change
Blower Inlet-6	2/6/2013 7:01	5.4	16.3	3.8	74.5	NA	-13.1	19	No Change
Blower Inlet-6	2/21/2013 8:02	14.4	17.6	3.1	64.9	NA	-11.7	26	
Blower Inlet-6	3/8/2013 7:59	10.2	14.7	6.6	68.5	NA	-9.6	61	No Change
Blower Inlet-6	3/19/2013 7:50	9.8	15.4	5.5	69.3	NA	-9.6	75	No Change
Blower Inlet-6	4/3/2013 7:30	6.1	14	6.7	73.2	NA	-5.6	82	No Change
Blower Inlet-6	4/17/2013 7:33	8.7	15.2	5.5	70.6	NA	-12	64	No Change
Blower Inlet-6	5/8/2013 9:22	7.2	14.7	5.6	72.5	NA	-10.1	56	No Change
Blower Inlet-6	5/22/2013 10:04	7.5	14.8	5.1	72.6	NA	-10.4	60	No Change
Blower Inlet-6	6/5/2013 9:29	8.1	13.9	5.5	72.5	NA	-9.5	67	No Change
Blower Inlet-6	6/21/2013 9:36	4.9	15.1	4.6	75.4	NA	-8.4	84	No Change
Blower Inlet-6	7/10/2013 10:11	7.6	14.5	6	71.9	NA	-7.4	87	No Change
Blower Inlet-6	7/24/2013 9:53	4.8	12.6	7.3	75.3	NA	-7.7	78	No Change
Blower Inlet-6	8/7/2013 10:43	5.5	13.9	6.1	74.5	NA	-7.7	79	No Change
Blower Inlet-6	8/27/2013 10:17	6.2	14.3	5.7	73.8	NA	-7.7	83	No Change
Blower Inlet-6	9/12/2013 9:45	6.3	14.2	6.4	73.1	NA	-7.9	78	No Change
Blower Inlet-6	9/27/2013 10:02	6.4	15	6.7	71.9	NA	-8.3	90	No Change
Blower Inlet-6	10/11/2013 10:19	7.1	15.3	6.8	70.8	NA	-8.6	85	No Change
Blower Inlet-6	10/24/2013 10:32	0.8	9.1	11.7	78.4	NA	-21.4	125	No Change
Blower Inlet-6	11/13/2013 10:22	0.9	9	12.2	77.9	NA	-25.2	104	No Change
Blower Inlet-6	11/27/2013 9:43	1.5	9.4	11.4	77.7	NA	-14	17	No Change
Blower Inlet-6	12/11/2013 10:21	3.6	11	10.1	75.3	NA	-12.8	107	No Change
Blower Inlet-6	12/24/2013 9:27	0.9	7.8	13.2	78.1	NA	-17.6	80	No Change
Carbon Inlet	1/9/2013 8:43	10.7	17.4	4	67.9	5.1	5	NA	Carbon Inlet
Carbon Inlet	1/24/2013 7:09	14.6	16.4	5	64	NM	9.8	NA	Carbon Inlet

**Table 3. LFG Sample Port and Blower Flare Station Monitoring Results
January Through December 2013
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 Inlet	2/6/2013 7:03	5.4	16.1	4	74.5	NM	5.2	NA	Carbon Inlet
Carbon Inlet	2/21/2013 8:06	20.3	18	2.8	58.9	NM	5.9	NA	Carbon Inlet
Carbon Inlet	3/8/2013 8:01	10.4	14.3	6.9	68.4	9.2	8.1	NA	Carbon Inlet
Carbon Inlet	3/19/2013 7:53	9.9	15.1	5.6	69.4	17.4	8.3	NA	Carbon Inlet
Carbon Inlet	4/3/2013 7:33	9.6	14	6.5	69.9	6.1	10.6	NA	Carbon Inlet
Carbon Inlet	4/17/2013 7:35	8.9	14.9	5.8	70.4	13.3	6.2	NA	Carbon Inlet
Carbon Inlet	4/17/2013 8:00	NT	NT	NT	NT	10.1	NT	NA	Carbon Inlet
Carbon Inlet	5/8/2013 9:24	8.3	14.6	5.5	71.6	14.1	7.4	NA	Carbon Inlet
Carbon Inlet	5/22/2013 10:05	8.7	14.7	5.1	71.5	14.2	7	NA	Carbon Inlet
Carbon Inlet	6/5/2013 9:31	11.3	14.4	4.8	69.5	14.2	7.7	NA	Carbon Inlet
Carbon Inlet	6/21/2013 9:38	7.3	15.4	4.3	73	5.1	9	NA	Carbon Inlet
Carbon Inlet	7/10/2013 10:12	9.4	14.9	5.7	70	8.6	9.5	NA	Carbon Inlet
Carbon Inlet	7/24/2013 9:55	7.3	14.2	5.8	72.7	2.8	9.2	NA	Carbon Inlet
Carbon Inlet	8/7/2013 10:46	7.5	14.3	5.7	72.5	6.8	9.1	NA	Carbon Inlet
Carbon Inlet	8/27/2013 10:18	7.7	14.9	5.4	72	25.6	9.1	NA	Carbon Inlet
Carbon Inlet	9/12/2013 9:47	8	15	5.7	71.3	23.8	9.1	NA	Carbon Inlet
Carbon Inlet	9/27/2013 10:04	7.9	15.4	6.5	70.2	21.9	8.8	NA	Carbon Inlet
Carbon Inlet	9/27/2013 11:15	NT	NT	NT	NT	21.7	NT	NA	Carbon Inlet
Carbon Inlet	10/11/2013 10:21	8.8	15.6	6.5	69.1	12.9	8.9	NA	Carbon Inlet
Carbon Inlet	10/24/2013 10:34	1.7	9.9	11	77.4	14.3	15.5	NA	Carbon Inlet
Carbon Inlet	11/13/2013 10:25	1.6	9.9	11.4	77.1	13.3	12.8	NA	Carbon Inlet
Carbon Inlet	11/27/2013 9:45	1.7	9.6	11.1	77.6	6.9	10.1	NA	Carbon Inlet
Carbon Inlet	12/11/2013 10:23	4.2	10.6	10.2	75	14.9	11.6	NA	Carbon Inlet
Carbon Inlet	12/11/2013 10:30	NT	NT	NT	NT	14.6	NT	NA	Carbon Inlet
Carbon Inlet	12/24/2013 9:28	0.9	8.5	12.6	78	11.7	7.5	NA	Carbon Inlet
Carbon Middle	1/9/2013 8:46	11	18	3.7	67.3	0.1	4.1	NA	Carbon Mid Span
Carbon Middle	1/24/2013 7:12	14.5	16.8	4.9	63.8	NM	6.8	NA	Carbon Mid Span
Carbon Middle	2/6/2013 7:05	5.4	16	4	74.6	NM	4.2	NA	Carbon Mid Span
Carbon Middle	2/21/2013 8:08	20.6	18	2.8	58.6	NM	4.3	NA	Carbon Mid Span
Carbon Middle	3/8/2013 8:03	10.1	14.4	6.8	68.7	0	5.9	NA	Carbon Mid Span
Carbon Middle	3/19/2013 7:55	9.8	15.1	5.6	69.5	0.1	5.8	NA	Carbon Mid Span
Carbon Middle	4/3/2013 7:35	9.7	14.2	6.4	69.7	2.8	7.1	NA	Carbon Mid Span
Carbon Middle	4/17/2013 7:36	8.7	15	5.7	70.6	11.2	4.7	NA	Carbon Mid Span
Carbon Middle	4/17/2013 8:00	NT	NT	NT	NT	0.1	NT	NA	Carbon Mid Span
Carbon Middle	5/8/2013 9:26	8.2	14.7	5.5	71.6	0.1	5.1	NA	Carbon Mid Span
Carbon Middle	5/22/2013 10:07	8.8	14.7	5.1	71.4	0.9	4.9	NA	Carbon Mid Span
Carbon Middle	6/5/2013 9:33	11.2	14.4	4.8	69.6	1.4	5.3	NA	Carbon Mid Span
Carbon Middle	6/21/2013 9:40	7.3	15.4	4.3	73	0.1	5.9	NA	Carbon Mid Span
Carbon Middle	7/10/2013 10:14	9.4	14.9	5.6	70.1	0.5	6.1	NA	Carbon Mid Span
Carbon Middle	7/24/2013 9:57	7.2	14.3	5.9	72.6	0.2	5.9	NA	Carbon Mid Span
Carbon Middle	8/7/2013 10:47	7.5	14.3	5.7	72.5	0	5.8	NA	Carbon Mid Span
Carbon Middle	8/27/2013 10:20	7.7	14.9	5.3	72.1	10.7	5.8	NA	Carbon Mid Span
Carbon Middle	9/12/2013 9:48	8	15	5.7	71.3	14.1	5.8	NA	Carbon Mid Span
Carbon Middle	9/27/2013 10:05	7.9	15.3	6.5	70.3	16.4	5.8	NA	Carbon Mid Span
Carbon Middle	9/27/2013 11:15	NT	NT	NT	NT	0	NT	NA	Carbon Mid Span
Carbon Middle	10/11/2013 10:22	8.8	15.5	6.5	69.2	0	6.2	NA	Carbon Mid Span
Carbon Middle	10/24/2013 10:35	1.7	9.9	11.1	77.3	2.9	9.4	NA	Carbon Mid Span
Carbon Middle	11/13/2013 10:26	1.7	9.9	11.4	77	3.2	7.9	NA	Carbon Mid Span
Carbon Middle	11/27/2013 9:46	1.7	9.5	11.1	77.7	0	6.4	NA	Carbon Mid Span
Carbon Middle	12/11/2013 10:24	4.2	10.5	10.3	75	9.8	7.5	NA	Carbon Mid Span

**Table 3. LFG Sample Port and Blower Flare Station Monitoring Results
January Through December 2013
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	12/11/2013 10:30	NT	NT	NT	NT	0	NT	NA	Carbon Mid Span
Carbon Middle	12/24/2013 9:30	0.9	8.6	12.5	78	0	5.4	NA	Carbon Mid Span
Carbon Outlet	1/9/2013 8:56	10.8	18	3.8	67.4	0	3.2	NA	Carbon Stack
Carbon Outlet	1/24/2013 7:13	14.5	16.7	4.9	63.9	0	3.2	NA	Carbon Stack
Carbon Outlet	2/6/2013 7:07	5.4	16.1	4	74.5	NM	3.3	NA	Carbon Stack
Carbon Outlet	2/21/2013 8:10	20.2	18	2.8	59	NM	2.8	NA	Carbon Stack
Carbon Outlet	3/8/2013 8:04	10.3	14.1	6.9	68.7	0	2.9	NA	Carbon Stack
Carbon Outlet	3/19/2013 7:57	9.8	15	5.6	69.6	0	3.1	NA	Carbon Stack
Carbon Outlet	4/3/2013 7:37	9.7	14.2	6.4	69.7	0.1	3	NA	Carbon Stack
Carbon Outlet	4/17/2013 7:38	8.7	14.9	5.8	70.6	0	2.9	NA	Carbon Stack
Carbon Outlet	4/17/2013 8:00	NT	NT	NT	NT	0	NT	NA	Carbon Stack
Carbon Outlet	5/8/2013 9:28	8.2	14.7	5.5	71.6	0	2.9	NA	Carbon Stack
Carbon Outlet	5/22/2013 10:08	8.8	14.8	5.1	71.3	0	3	NA	Carbon Stack
Carbon Outlet	6/5/2013 9:34	11.2	14.5	4.8	69.5	0	2.9	NA	Carbon Stack
Carbon Outlet	6/21/2013 9:42	7.3	15.4	4.3	73	0	2.9	NA	Carbon Stack
Carbon Outlet	7/10/2013 10:16	9.3	14.9	5.7	70.1	0	2.8	NA	Carbon Stack
Carbon Outlet	7/24/2013 9:58	7.3	14.2	5.8	72.7	0	2.8	NA	Carbon Stack
Carbon Outlet	8/7/2013 10:49	7.4	14.4	5.7	72.5	0	2.7	NA	Carbon Stack
Carbon Outlet	8/27/2013 10:21	7.7	14.8	5.3	72.2	0	2.8	NA	Carbon Stack
Carbon Outlet	9/12/2013 9:50	8	15	5.7	71.3	0	2.8	NA	Carbon Stack
Carbon Outlet	9/27/2013 10:07	7.9	15.3	6.5	70.3	0	2.8	NA	Carbon Stack
Carbon Outlet	9/27/2013 11:15	NT	NT	NT	NT	0	NT	NA	Carbon Stack
Carbon Outlet	10/11/2013 10:24	8.8	15.5	6.5	69.2	0	3	NA	Carbon Stack
Carbon Outlet	10/24/2013 10:37	1.7	9.9	11.1	77.3	0	3	NA	Carbon Stack
Carbon Outlet	11/13/2013 10:28	1.6	9.8	11.4	77.2	0	3.1	NA	Carbon Stack
Carbon Outlet	11/27/2013 9:47	1.8	9.6	11.1	77.5	0	3	NA	Carbon Stack
Carbon Outlet	12/11/2013 10:26	4.1	10.4	10.4	75.1	0	2.9	NA	Carbon Stack
Carbon Outlet	12/11/2013 10:30	NT	NT	NT	NT	0	NT	NA	Carbon Stack
Carbon Outlet	12/24/2013 9:31	0.9	8.5	12.6	78	0	3	NA	Carbon Stack
Field Technician and Weather Conditions									
Technician	Date	Ambient Temp (deg F)	Baro Press (in -Hg)	General Weather	Wind Speed		Wind Direction		
BB	01/09/13	39	29.46	Raining	Breezy Wind		S		
BB	01/24/13	38	29.88	Cloudy	Calm		S		
BB	02/06/13	43	29.74	Raining	Calm		NE		
BB	02/21/13	43	29.61	Raining	Calm		N		
BB	03/08/13	41	29.67	Partly Cloudy	Calm		N		
BB	03/19/13	41	29.63	Partly Cloudy	Calm		N		
BB	04/03/13	51	29.74	Clear	Calm		N		
BB	04/17/13	48	30.01	Clear	Calm		N		
BB	05/08/13	58	29.68	Cloudy	Calm		N		
BB	05/22/13	47	29.46	Raining	Calm		S		
BB	06/05/13	66	29.66	Cloudy	Calm		N		
BB	06/21/13	61	29.74	Cloudy	Calm		W		

**Table 3. LFG Sample Port and Blower Flare Station Monitoring Results
January Through December 2013
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
BB	07/10/13	66	29.65	Partly Cloudy	Calm		W		
BB	07/24/13	72	29.63	Clear	Calm		N		
BB	08/07/13	71	29.57	Clear	Calm		N		
BB	08/27/13	68	29.52	Partly Cloudy	Calm		NE		
BB	09/12/13	68	29.58	Partly Cloudy	Calm		N		
BB	09/27/13	53	29.65	Raining	Breezy Wind		S		
BB	10/11/13	48	29.74	Raining	Calm		S		
BB	10/24/13	48	29.67	Cloudy	Calm		N		
BB	11/13/13	56	30.03	Cloudy	Calm		S		
BB	11/27/13	48	29.63	Partly Cloudy	Calm		S		
BB	12/11/13	31	29.95	Partly Cloudy	Calm		S		
BB	12/24/13	43	30.2	Cloudy	Calm		E		

**Table 4. LFG Blower Vent Station Operational Runtime Data
January through December 2013
Eastgate Area Properties Landfill**

Month	Manual or Automatic Operation	Total Monthly Runtime (Hours)	Comments
Jan-13	Automatic	248	Operated 31 days for 8 hours each day
Feb-13	Automatic	224	Operated 28 days for 8 hours each day
Mar-13	Automatic	248	Operated 31 days for 8 hours each day
Apr-13	Automatic	240	Operated 30 days for 8 hours each day
May-13	Automatic	248	Operated 31 days for 8 hours each day
Jun-13	Automatic	240	Operated 30 days for 8 hours each day
Jul-13	Automatic	248	Operated 31 days for 8 hours each day
Aug-13	Automatic	248	Operated 31 days for 8 hours each day
Sep-13	Automatic	240	Operated 30 days for 8 hours each day
Oct-13	Automatic	248	Operated 31 days for 8 hours each day
Nov-13	Automatic	240	Operated 30 days for 8 hours each day
Dec-13	Automatic	248	Operated 31 days for 8 hours each day
Total Operational Runtime for 2013:		2920.00	



- LEGEND
- MMW-8

▲

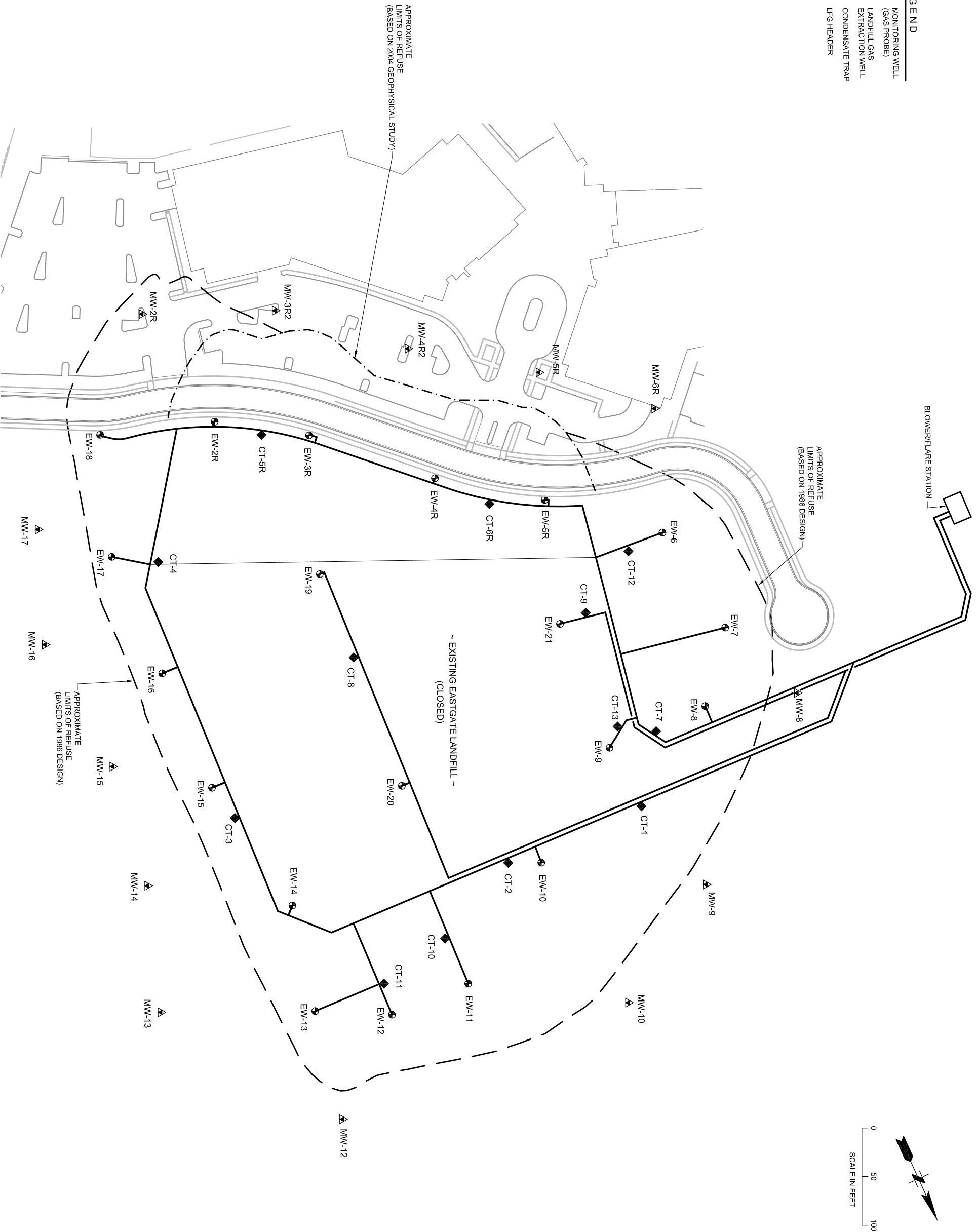
MONITORING WELL
(GAS PROBE)
- EW-8

●

LANDFILL GAS
EXTRACTION WELL
- CT-8

◆

CONDENSATE TRAP
- LFG HEADER



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PROJECT NO. 07208104.00	DES BY *
SCALE AS SHOWN	CHK BY *
CAD FILE FIGURE 1	APP BY A.S.

SITE PLAN AND GAS SYSTEM
EASTGATE LANDFILL
BELLEVUE, WASHINGTON

DATE
APRIL 2011

FIGURE
1