

SCS FIELD SERVICES

February 26, 2018
File No. 07216156.00 Task 1

Mr. Tom Purcell
Structural Operations Manager,
Parks & Community Services
City of Bellevue
P.O. Box 90012
Bellevue, Washington 98009-9012

Subject: 2017 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. Purcell:

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 2017. 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 located off of 160th Avenue SE. The City of Bellevue (COB) and Advanta Office Holdings LLC own the Eastgate landfill property. The property is undeveloped and the COB intends to develop the site as a Community Park. 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 Lampson blowers, 1 blower/carbon vent system, 20 vertical landfill gas extraction wells, 14 subsurface gas migration monitoring wells, 13 condensate drain traps, and below grade lateral and main header piping systems.

Throughout 2017, when operating the GCCS and the carbon vent system, O&M 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 LFG a combustible gas that 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 LFG 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 either a Landtec GEM-2000/GEM-5000 Gas Analyzer or comparable unit. These instruments measure 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. Pressure and temperature data were also collected utilizing the GEM-2000/GEM-5000 Gas Analyzers. Testing for volatile organic compounds (VOC) at the blower vent station was performed using a MiniRAE 2000 portable VOC monitor.

LFG monitoring probe testing procedures are as follows:

- Connect sample tubing, observe relative pressure and record data.
- Turn on sample pump, extract a minimum of one probe volume, observe and record/store 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/store methane, oxygen, and carbon dioxide gas concentrations (when readings have stabilized).
- For blower vent station VOC monitoring, turn on sample pump, connect sample tubing, observe and record/store VOC concentrations (when readings have stabilized).
- Disconnect sample equipment and secure sample location.

LFG MONITORING WELLS

In accordance with the approved 2017 testing schedule, LFG perimeter monitoring wells were tested twice each month. During each month, all perimeter monitoring wells were tested for the presence of LFG.

With more reliable and increased daily timer controlled operation of the blower vent station and on-going monthly GCCS and extraction well adjustments, the monthly testing indicated that, with one exception, all monitoring wells exhibited methane gas concentration below 5 percent by volume or no methane gas was detected. Monitoring Well No. MW-3D contained up to 5.8 percent by volume methane on March 29, 2017.

In response to immediate system adjustments on March 29, 2017, SCS observed that the elevated methane gas concentration detected at MW-3D had decreased to below 5 percent. Test results for the entire year and locations are shown on attached data Table 1 and location Figure 1, respectively.

Consistent with previous reports by the COB and other consulting firms, SCS continues to believe that any elevated methane gas concentrations detected in the perimeter monitoring wells during fall, winter and spring months 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.

During this reporting period, January through December 2017, no major repairs or modifications were needed or required on the LFG perimeter monitoring well network. Due to vandalism, SCS recommends the replacement of the protective security monuments for Monitoring Well Nos. MW-9 and MW-10.

LFG EXTRACTION WELLS

In accordance with the approved 2017 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 observed methane gas concentrations detected at perimeter Monitoring Well 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 2017 reporting year

are considered to be in the low to normal range for anaerobic decomposition. No indication (high temperatures in excess of 130 degrees) of subsurface oxidation was detected or observed during any of the monthly monitoring events.

As authorized by the COB, on October 12, 2017, SCS replaced the wellhead on LFG Extraction Well No. EW-4R, due to previous damage caused by minor settlement of the access vault.

During this reporting period, January through December 2017, no other additional repairs or modifications were needed or required on the LFG extraction well network.

LFG COLLECTION SYSTEM

In accordance with the approved 2017 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 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, groundwater levels at the site increase during winter/rain months 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 subsequent increased LFG migration to perimeter Monitoring Well 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 2017 winter months resulting in maintaining all perimeter monitoring well locations (with the exception of MW-3M) below 5 percent by volume methane gas concentrations throughout the entire 2017 reporting year.

On October 12, 2017, as authorized by the COB, SCS installed an air bladder rubber plug into the liquid drain discharge pipe for Condensate Trap No. CT-5, in an attempt to help prevent groundwater liquids from backing up into the below grade LFG collection system piping.

LFG BLOWER VENT SYSTEM (BVS)

In accordance with the 2017 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, 2017 the BVS automatic time controller was set and operated on average ten (10) hours per day/ seven days per week.

BVS test port monitoring results are shown in data Table 3. Monthly operational runtime information provided in data Table 4 shows that the BVS operated a total of 3,648 hours during the 2017 reporting year.

Twice per month during 2017, 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 January 31 and December 15, 2017, 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 these days, the BVS was shut down and both the primary and secondary drums were replaced with new carbon drums. On each event, following the carbon drum relocation and replacement work, the BVS was restarted.

On January 10, 2017, SCS observed and replaced all of the age/weather-deteriorated flex hoses on the carbon drums at the BVS.

During this reporting period, January through December 2017, no other repairs or modifications were needed or required on the BVS.

SITE SURFACE OBSERVATION

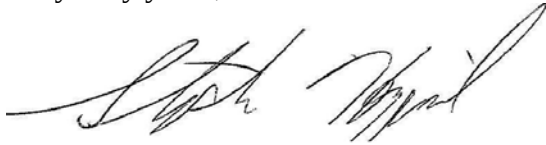
In accordance with the 2017 monitoring schedule, visual observation of the landfill surface along the extent of the LFG extraction system is performed at a minimum of twice per month. Observations for erosion, surface cracks (that might allow LFG to escape or promote air intrusion) and settlement around 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 2017 Annual 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
Sr. Project Superintendent
SCS FIELD SERVICES



Kenneth R. Kampfen
Project Manager
SCS FIELD SERVICES

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

Table 1. LFG Monitoring Well Test Results January Through December 2017
Eastgate Area Properties Landfill

GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
MW02D	1/4/2017 8:07	0.0	0.1	21.2	78.7	0.00	
MW02D	1/31/2017 8:20	0.0	3.6	14.3	82.1	-0.47	
MW02D	2/14/2017 9:19	0.0	4.4	11.8	83.8	0.03	
MW02D	2/28/2017 10:27	0.0	9.7	11.7	78.6	-0.47	
MW02D	3/7/2017 9:23	0.0	6.0	11.3	82.7	0.06	
MW02D	3/29/2017 8:07	0.0	4.5	13.7	81.8	0.23	
MW02D	4/13/2017 9:42	0.0	6.3	11.3	82.4	-0.14	
MW02D	4/27/2017 10:28	0.0	6.4	11.0	82.6	-0.08	
MW02D	5/9/2017 8:32	0.0	5.7	12.0	82.3	-0.06	
MW02D	5/23/2017 8:24	0.0	5.6	11.3	83.1	-0.54	
MW02D	6/6/2017 7:08	0.0	1.4	18.1	80.5	-0.11	
MW02D	6/16/2017 8:21	0.0	0.7	19.8	79.5	-0.36	
MW02D	7/14/2017 6:38	0.1	2.4	17.1	80.4	-0.27	
MW02D	7/24/2017 10:31	0.0	0.9	17.6	81.5	-0.12	
MW02D	8/8/2017 7:59	0.0	1.4	19.0	79.6	-0.24	
MW02D	8/30/2017 7:52	0.0	0.1	19.8	80.1	0.05	
MW02D	9/6/2017 9:39	0.0	0.8	20.1	79.1	-0.19	
MW02D	9/24/2017 9:18	0.1	1.8	17.1	81.0	-0.42	
MW02D	10/12/2017 10:28	0.0	4.0	13.9	82.1	-0.31	
MW02D	10/30/2017 10:08	0.0	4.1	15.0	80.9	-0.15	
MW02D	11/16/2017 18:29	0.0	4.8	12.5	82.7	-0.01	
MW02D	11/30/2017 7:18	0.0	2.7	16.9	80.4	0.06	
MW02D	12/7/2017 9:59	0.0	4.8	14.3	80.9	0.02	
MW02D	12/28/2017 8:28	0.0	7.4	11.8	80.8	0.06	
MW02M	1/4/2017 8:10	0.1	0.1	21.3	78.5	0.04	
MW02M	1/31/2017 8:23	3.1	12.3	6.4	78.2	-0.04	
MW02M	2/14/2017 9:24	0.0	0.1	20.0	79.9	0.00	
MW02M	2/28/2017 10:31	0.0	0.0	20.7	79.3	0.00	
MW02M	3/7/2017 9:25	0.1	0.5	20.2	79.2	0.00	



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GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
MW02M	3/29/2017 8:11	1.1	1.1	19.4	78.4	0.00	
MW02M	4/13/2017 9:46	0.0	0.3	20.3	79.4	0.04	
MW02M	4/27/2017 10:32	0.0	0.0	20.3	79.7	0.01	
MW02M	5/9/2017 8:37	0.1	1.1	20.0	78.8	0.02	
MW02M	5/23/2017 8:29	0.1	0.0	20.5	79.4	0.28	
MW02M	6/6/2017 7:10	0.0	0.3	20.3	79.4	-0.02	
MW02M	6/16/2017 8:29	0.2	1.9	18.4	79.5	0.00	
MW02M	7/14/2017 6:42	0.4	1.5	18.9	79.2	-0.12	
MW02M	7/24/2017 10:34	1.5	1.1	17.0	80.4	0.01	
MW02M	8/8/2017 8:01	0.2	0.2	21.1	78.5	-0.25	
MW02M	8/30/2017 7:57	1.1	0.9	18.8	79.2	-0.10	
MW02M	9/6/2017 9:44	0.0	0.2	20.5	79.3	-0.12	
MW02M	9/24/2017 9:24	0.0	0.1	21.0	78.9	-0.04	
MW02M	10/12/2017 10:30	0.0	0.3	20.2	79.5	-0.55	
MW02M	10/30/2017 10:18	0.0	0.1	21.0	78.9	-1.07	
MW02M	11/16/2017 18:31	0.0	1.4	19.7	78.9	-0.02	
MW02M	11/30/2017 7:22	0.0	0.6	20.9	78.5	0.15	
MW02M	12/7/2017 10:01	0.0	0.2	20.7	79.1	0.02	
MW02M	12/28/2017 8:31	0.2	2.6	20.9	76.3	0.01	
MW02S	1/4/2017 8:12	0.0	0.1	21.5	78.4	0.05	
MW02S	1/31/2017 8:25	0.8	14.0	0.0	85.2	0.14	
MW02S	2/14/2017 9:27	0.4	7.3	9.4	82.9	-0.25	
MW02S	2/28/2017 10:33	0.1	12.8	0.7	86.4	0.00	
MW02S	3/7/2017 9:27	1.3	13.0	0.0	85.7	0.00	
MW02S	3/29/2017 8:16	2.4	9.7	3.6	84.3	0.00	
MW02S	4/13/2017 9:49	0.8	1.2	17.8	80.2	0.06	
MW02S	4/27/2017 10:34	0.3	1.2	20.2	78.3	0.04	
MW02S	5/9/2017 8:39	1.2	3.7	12.8	82.3	0.03	
MW02S	5/23/2017 8:32	0.0	0.0	20.3	79.7	0.32	



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Eastgate Area Properties Landfill

GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
MW02S	6/6/2017 7:12	3.5	12.9	0.0	83.6	0.00	
MW02S	6/16/2017 8:26	1.3	12.1	0.9	85.7	0.26	
MW02S	7/14/2017 6:46	2.5	14.4	0.0	83.1	-0.03	
MW02S	7/24/2017 10:38	1.3	14.7	0.0	84.0	0.01	
MW02S	8/8/2017 8:04	1.6	12.4	0.6	85.4	-0.10	
MW02S	8/30/2017 8:00	0.8	16.8	0.3	82.1	0.09	
MW02S	9/6/2017 9:48	1.9	13.2	5.6	79.3	0.01	
MW02S	9/24/2017 9:27	0.0	0.8	20.6	78.6	0.03	
MW02S	10/12/2017 10:32	1.3	4.2	20.2	74.3	0.00	
MW02S	10/30/2017 10:19	1.0	4.5	20.9	73.6	-0.10	
MW02S	11/16/2017 18:33	0.0	0.3	20.2	79.5	0.00	
MW02S	11/30/2017 7:25	0.0	0.8	20.9	78.3	0.09	
MW02S	12/7/2017 10:03	1.4	7.1	20.4	71.1	-0.01	
MW02S	12/28/2017 8:33	1.4	8.3	12.8	77.5	-0.02	
MW03D	1/4/2017 8:18	1.3	4.3	20.2	74.2	0.00	
MW03D	1/31/2017 8:28	2.6	22.8	0.0	74.6	-0.16	
MW03D	2/14/2017 9:33	3.7	23.3	0.0	73.0	-0.02	
MW03D	2/28/2017 10:38	1.5	2.8	3.6	92.1	0.00	
MW03D	3/7/2017 9:32	2.3	4.3	18.9	74.5	0.06	
MW03D	3/29/2017 8:42	5.8	18.3	0.0	75.9	0.09	
MW03D	3/29/2017 8:44	2.8	7.6	0.0	89.6	-0.06	
MW03D	4/13/2017 9:54	3.3	2.7	18.8	75.2	-0.20	
MW03D	4/27/2017 8:48	3.2	7.6	19.7	69.5	-0.11	
MW03D	5/9/2017 8:46	2.8	2.8	18.4	76.0	0.04	
MW03D	5/23/2017 8:37	1.8	4.4	17.8	76.0	0.20	
MW03D	6/6/2017 7:31	1.8	9.6	11.9	76.7	-0.14	
MW03D	6/16/2017 8:33	2.9	9.4	12.7	75.0	-0.09	
MW03D	7/14/2017 6:51	3.7	10.3	12.3	73.7	-0.15	
MW03D	7/24/2017 10:43	1.5	5.9	13.6	79.0	-0.07	



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GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
MW03D	8/8/2017 8:08	0.6	3.3	17.9	78.2	-0.15	
MW03D	8/30/2017 8:04	0.1	1.1	19.4	79.4	-0.07	
MW03D	9/6/2017 9:52	0.0	0.6	19.8	79.6	-0.02	
MW03D	9/24/2017 9:31	0.2	1.8	19.3	78.7	-0.11	
MW03D	10/12/2017 10:36	0.3	3.5	16.8	79.4	-0.08	
MW03D	10/30/2017 10:39	0.5	8.8	11.5	79.2	-0.08	
MW03D	11/16/2017 18:38	0.5	9.8	10.5	79.2	-0.01	
MW03D	11/30/2017 7:30	3.3	18.7	2.9	75.1	-0.02	
MW03D	12/7/2017 10:09	3.7	22.4	4.6	69.3	0.00	
MW03D	12/28/2017 8:38	4.8	22.7	7.8	64.7	0.00	
MW03M	1/4/2017 8:20	1.5	3.2	21.6	73.7	0.00	
MW03M	1/31/2017 8:32	2.9	9.9	18.6	68.6	0.10	
MW03M	2/14/2017 9:35	1.6	3.1	0.0	95.3	-0.04	
MW03M	2/28/2017 10:42	3.0	3.3	18.4	75.3	-0.06	
MW03M	3/7/2017 9:35	1.4	3.8	18.6	76.2	-0.02	
MW03M	3/29/2017 8:48	1.2	1.3	15.7	81.8	-0.01	
MW03M	4/13/2017 9:57	1.0	3.2	19.3	76.5	0.07	
MW03M	4/27/2017 8:51	1.0	3.3	20.1	75.6	0.03	
MW03M	5/9/2017 8:50	3.2	3.5	17.2	76.1	0.10	
MW03M	5/23/2017 8:40	1.4	1.9	17.8	78.9	0.36	
MW03M	6/6/2017 7:33	1.8	4.7	15.1	78.4	0.01	
MW03M	6/16/2017 8:35	3.3	9.3	10.4	77.0	-0.01	
MW03M	7/14/2017 6:55	4.2	8.9	11.1	75.8	0.00	
MW03M	7/24/2017 10:45	2.3	5.5	11.8	80.4	0.00	
MW03M	8/8/2017 8:11	4.2	7.1	14.4	74.3	0.02	
MW03M	8/30/2017 8:06	2.5	3.9	15.0	78.6	0.03	
MW03M	9/6/2017 9:55	0.4	0.8	19.6	79.2	-0.01	
MW03M	9/24/2017 9:36	3.2	14.0	3.0	79.8	0.03	
MW03M	9/24/2017 9:46	0.1	1.4	20.7	77.8	0.01	



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GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
MW03M	10/12/2017 10:44	0.2	1.3	19.6	78.9	-0.01	
MW03M	10/30/2017 10:44	3.6	14.5	7.2	74.7	-0.01	
MW03M	11/16/2017 18:42	0.4	0.7	20.5	78.4	-0.02	
MW03M	11/30/2017 7:34	3.0	13.0	4.9	79.1	0.02	
MW03M	12/7/2017 10:12	0.1	0.5	3.2	96.2	-0.01	
MW03M	12/28/2017 8:41	0.1	0.4	3.9	95.6	0.02	
MW03S	1/4/2017 8:22	0.0	0.4	22.2	77.4	0.03	
MW03S	1/31/2017 8:35	0.0	2.6	19.0	78.4	0.11	
MW03S	2/14/2017 9:38	0.0	1.9	0.0	98.1	-0.01	
MW03S	2/28/2017 10:45	0.0	2.2	16.3	81.5	-0.06	
MW03S	3/7/2017 9:36	0.1	4.5	14.4	81.0	-0.04	
MW03S	3/29/2017 8:49	0.0	5.6	12.0	82.4	-0.06	
MW03S	4/13/2017 10:02	0.0	8.0	10.9	81.1	0.10	
MW03S	4/27/2017 8:54	0.0	0.0	21.2	78.8	0.05	
MW03S	5/9/2017 8:52	0.0	0.5	20.0	79.5	0.14	
MW03S	5/23/2017 8:42	0.0	0.0	20.4	79.6	0.39	
MW03S	6/6/2017 7:36	0.0	0.2	20.4	79.4	0.02	
MW03S	6/16/2017 8:37	0.0	13.5	10.0	76.5	-0.02	
MW03S	7/14/2017 6:58	0.1	3.1	19.1	77.7	-0.03	
MW03S	7/24/2017 10:48	0.0	0.2	18.9	80.9	-0.01	
MW03S	8/8/2017 8:14	0.0	2.3	19.7	78.0	0.02	
MW03S	8/30/2017 8:09	0.0	0.3	20.3	79.4	0.04	
MW03S	9/6/2017 9:57	0.0	0.2	20.3	79.5	-0.03	
MW03S	9/24/2017 9:39	0.0	3.2	19.3	77.5	0.00	
MW03S	10/12/2017 10:46	0.0	0.6	20.8	78.6	-0.02	
MW03S	10/30/2017 10:47	0.0	0.2	20.8	79.0	0.00	
MW03S	11/16/2017 18:45	0.0	15.6	7.0	77.4	-0.02	
MW03S	11/30/2017 7:40	0.6	10.1	10.6	78.7	-0.03	
MW03S	12/7/2017 10:14	0.0	0.1	21.0	78.9	-0.01	



Table 1. LFG Monitoring Well Test Results January Through December 2017
Eastgate Area Properties Landfill

GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
MW03S	12/28/2017 8:43	0.1	6.9	14.5	78.5	0.00	
MW04D	1/4/2017 8:26	0.0	0.5	22.5	77.0	-0.08	
MW04D	1/31/2017 8:48	0.0	0.1	20.2	79.7	-0.14	
MW04D	2/14/2017 9:42	0.0	0.1	20.3	79.6	0.06	
MW04D	2/28/2017 10:49	0.0	0.0	21.5	78.5	-1.99	
MW04D	3/7/2017 9:41	0.0	12.0	4.7	83.3	-0.10	
MW04D	3/29/2017 8:57	0.0	0.1	20.6	79.3	0.00	
MW04D	4/13/2017 10:06	0.0	0.9	20.3	78.8	0.09	
MW04D	4/27/2017 8:58	0.0	0.0	21.3	78.7	0.00	
MW04D	5/9/2017 8:57	0.0	0.2	20.1	79.7	0.18	
MW04D	5/23/2017 8:47	0.0	0.0	20.6	79.4	0.00	
MW04D	6/6/2017 7:40	0.0	0.1	20.5	79.4	0.04	
MW04D	6/16/2017 8:41	0.0	0.2	20.7	79.1	0.02	
MW04D	7/14/2017 7:05	0.0	0.1	20.7	79.2	0.01	
MW04D	7/24/2017 10:51	0.0	0.1	19.0	80.9	0.03	
MW04D	8/8/2017 8:19	0.0	0.1	20.7	79.2	0.00	
MW04D	8/30/2017 8:13	0.0	0.1	20.7	79.2	0.03	
MW04D	9/6/2017 10:01	0.0	0.1	20.3	79.6	0.03	
MW04D	9/24/2017 9:55	0.0	0.1	21.0	78.9	0.01	
MW04D	10/12/2017 10:50	0.0	17.4	0.5	82.1	-0.21	
MW04D	10/30/2017 10:51	0.0	0.1	20.7	79.2	0.04	
MW04D	11/16/2017 19:01	0.0	0.5	20.6	78.9	-0.22	
MW04D	11/30/2017 7:44	0.0	0.4	21.1	78.5	0.04	
MW04D	12/7/2017 10:21	0.0	0.1	20.9	79.0	-1.31	
MW04D	12/28/2017 8:52	0.0	0.1	20.9	79.0	0.03	
MW04M	1/4/2017 8:29	1.7	2.3	1.9	94.1	-0.12	
MW04M	1/31/2017 8:50	0.0	0.1	20.2	79.7	-0.17	
MW04M	2/14/2017 9:45	0.0	0.1	20.5	79.4	-0.04	
MW04M	2/28/2017 10:52	4.1	11.6	0.1	84.2	-0.19	



Table 1. LFG Monitoring Well Test Results January Through December 2017
Eastgate Area Properties Landfill

GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
MW04M	3/7/2017 9:43	0.0	0.3	20.9	78.8	-0.06	
MW04M	3/29/2017 8:58	1.6	2.3	5.0	91.1	-0.09	
MW04M	4/13/2017 10:08	0.0	0.2	20.6	79.2	-0.10	
MW04M	4/27/2017 9:00	4.2	9.8	3.9	82.1	-0.17	
MW04M	5/9/2017 9:00	0.0	0.1	19.8	80.1	0.17	
MW04M	5/23/2017 8:53	0.0	0.0	20.5	79.5	-0.10	
MW04M	6/6/2017 7:41	0.0	0.1	20.6	79.3	-0.06	
MW04M	6/16/2017 8:43	1.7	2.8	10.0	85.5	-0.28	
MW04M	7/14/2017 7:08	0.0	0.2	20.7	79.1	-0.17	
MW04M	7/24/2017 10:53	1.6	4.5	3.9	90.0	-0.09	
MW04M	8/8/2017 8:22	0.0	0.1	20.6	79.3	-0.12	
MW04M	8/30/2017 8:17	3.0	9.8	1.2	86.0	-0.15	
MW04M	9/6/2017 10:03	1.8	5.9	9.2	83.1	-0.06	
MW04M	9/24/2017 9:56	0.0	0.1	21.0	78.9	-0.01	
MW04M	10/12/2017 10:52	1.5	5.4	7.2	85.9	-0.12	
MW04M	10/30/2017 10:54	0.0	0.1	20.8	79.1	-0.03	
MW04M	11/16/2017 19:03	0.0	0.2	20.7	79.1	-0.05	
MW04M	11/30/2017 7:46	1.6	5.6	7.0	85.8	0.03	
MW04M	12/7/2017 10:23	0.0	0.1	21.1	78.8	-0.01	
MW04M	12/28/2017 8:54	0.5	9.7	0.2	89.6	0.04	
MW04S	1/4/2017 8:31	0.0	17.4	0.5	82.1	-0.08	
MW04S	1/31/2017 8:53	0.0	0.2	20.3	79.5	-0.18	
MW04S	2/14/2017 9:47	0.0	9.8	9.4	80.8	-0.15	
MW04S	2/28/2017 10:53	0.0	11.5	4.9	83.6	-0.20	
MW04S	3/7/2017 9:45	0.0	0.1	21.2	78.7	-0.96	
MW04S	3/29/2017 9:00	0.0	12.2	4.2	83.6	-0.15	
MW04S	4/13/2017 10:10	0.0	12.3	4.5	83.2	-0.13	
MW04S	4/27/2017 9:03	0.0	12.3	5.3	82.4	-0.16	
MW04S	5/9/2017 9:04	0.0	12.1	5.2	82.7	0.13	



Table 1. LFG Monitoring Well Test Results January Through December 2017
Eastgate Area Properties Landfill

GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
MW04S	5/23/2017 8:55	0.0	12.1	5.3	82.6	-0.10	
MW04S	6/6/2017 7:43	0.0	11.2	9.7	79.1	-0.17	
MW04S	6/16/2017 8:45	0.0	11.1	9.7	79.2	-0.29	
MW04S	7/14/2017 7:12	0.0	12.1	6.9	81.0	-0.18	
MW04S	7/24/2017 10:55	0.0	11.9	5.1	83.0	-0.12	
MW04S	8/8/2017 8:24	0.0	13.3	3.8	82.9	-0.18	
MW04S	8/30/2017 8:19	0.0	14.8	1.9	83.3	-0.16	
MW04S	9/6/2017 10:05	0.0	15.4	1.3	83.3	-0.09	
MW04S	9/24/2017 9:58	0.0	15.9	1.1	83.0	-0.11	
MW04S	10/12/2017 10:53	0.0	0.5	21.3	78.2	0.00	
MW04S	10/30/2017 10:56	0.0	16.9	1.3	81.8	-0.21	
MW04S	11/16/2017 19:05	0.0	14.1	1.3	84.6	-0.13	
MW04S	11/30/2017 7:49	0.0	17.1	0.0	82.9	-0.02	
MW04S	12/7/2017 10:25	0.0	16.9	0.2	82.9	-0.05	
MW04S	12/28/2017 8:56	0.4	16.9	0.0	82.7	0.09	
MW05D	1/4/2017 8:34	0.0	4.0	0.0	96.0	-0.25	
MW05D	1/31/2017 8:56	0.0	3.9	0.8	95.3	0.39	
MW05D	2/14/2017 9:51	0.0	3.7	0.5	95.8	1.50	
MW05D	2/28/2017 10:56	0.0	4.1	0.0	95.9	0.81	
MW05D	3/7/2017 9:48	0.0	4.5	0.1	95.4	1.23	
MW05D	3/29/2017 9:14	0.0	4.9	0.4	94.7	-0.05	
MW05D	4/13/2017 10:13	0.0	5.1	3.4	91.5	-0.11	
MW05D	4/27/2017 9:06	0.0	2.0	16.9	81.1	-0.13	
MW05D	5/9/2017 9:10	0.0	2.4	16.1	81.5	0.03	
MW05D	5/23/2017 8:59	0.0	2.0	18.1	79.9	0.00	
MW05D	6/6/2017 7:47	0.0	1.0	19.4	79.6	-0.52	
MW05D	6/16/2017 8:48	0.0	1.0	18.6	80.4	-2.09	
MW05D	7/14/2017 7:17	0.0	1.2	19.7	79.1	-0.04	
MW05D	7/24/2017 10:58	0.0	0.9	17.8	81.3	-0.03	



Table 1. LFG Monitoring Well Test Results January Through December 2017
Eastgate Area Properties Landfill

GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
MW05D	8/8/2017 8:29	0.0	1.1	19.8	79.1	-0.01	
MW05D	8/30/2017 8:23	0.0	0.5	20.4	79.1	-0.04	
MW05D	9/6/2017 10:08	0.0	0.9	19.6	79.5	-0.01	
MW05D	9/24/2017 10:01	0.0	1.8	15.1	83.1	-0.01	
MW05D	10/12/2017 10:56	0.0	2.1	13.0	84.9	-0.17	
MW05D	10/30/2017 10:59	0.0	3.3	6.1	90.6	-0.01	
MW05D	11/16/2017 16:26	0.0	3.1	6.7	90.2	0.00	
MW05D	11/30/2017 7:53	0.0	3.9	2.6	93.5	0.01	
MW05D	12/7/2017 10:29	0.0	3.9	2.3	93.8	-0.03	
MW05D	12/28/2017 9:00	0.0	3.8	2.0	94.2	0.00	
MW05S	1/4/2017 8:37	0.0	15.3	1.0	83.7	0.05	
MW05S	1/31/2017 8:58	0.0	13.0	3.3	83.7	0.07	
MW05S	2/14/2017 9:53	0.0	11.7	4.0	84.3	-0.03	
MW05S	2/28/2017 10:58	0.0	11.3	4.1	84.6	0.34	
MW05S	3/7/2017 9:50	0.0	11.3	4.0	84.7	-0.03	
MW05S	3/29/2017 9:16	0.0	10.8	3.6	85.6	0.00	
MW05S	4/13/2017 10:14	0.0	10.6	4.0	85.4	0.32	
MW05S	4/27/2017 9:08	0.0	11.1	4.0	84.9	0.00	
MW05S	5/9/2017 9:12	0.0	10.6	3.3	86.1	-0.06	
MW05S	5/23/2017 9:01	0.0	11.3	2.9	85.8	0.01	
MW05S	6/6/2017 7:50	0.0	11.8	4.0	84.2	0.02	
MW05S	6/16/2017 8:50	0.0	12.2	4.6	83.2	0.04	
MW05S	7/14/2017 7:20	0.0	13.3	5.1	81.6	-0.02	
MW05S	7/24/2017 11:00	0.0	12.1	4.6	83.3	-0.01	
MW05S	8/8/2017 8:33	0.0	13.6	4.8	81.6	-0.04	
MW05S	8/30/2017 8:25	0.0	12.8	5.9	81.3	0.00	
MW05S	9/6/2017 10:10	0.0	12.2	5.9	81.9	0.00	
MW05S	9/24/2017 10:03	0.0	14.3	4.1	81.6	-0.03	
MW05S	10/12/2017 10:58	0.0	13.7	5.1	81.2	0.01	



Table 1. LFG Monitoring Well Test Results January Through December 2017
Eastgate Area Properties Landfill

GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
MW05S	10/30/2017 11:01	0.0	14.8	3.4	81.8	-0.03	
MW05S	11/16/2017 16:28	0.0	13.4	3.6	83.0	-0.01	
MW05S	11/30/2017 7:56	0.0	14.5	3.5	82.0	0.04	
MW05S	12/7/2017 10:31	0.0	14.7	3.1	82.2	0.01	
MW05S	12/28/2017 9:02	0.0	14.6	2.4	83.0	0.03	
MW06D	1/4/2017 8:41	0.0	1.5	19.0	79.5	0.04	
MW06D	1/31/2017 9:05	0.0	1.4	17.7	80.9	0.06	
MW06D	2/14/2017 10:07	0.0	1.1	0.0	98.9	3.37	
MW06D	2/28/2017 11:02	0.0	1.1	18.7	80.2	1.00	
MW06D	3/7/2017 9:54	0.0	1.1	18.5	80.4	0.50	
MW06D	3/29/2017 9:21	0.0	0.3	19.6	80.1	1.28	
MW06D	4/13/2017 10:18	0.0	1.0	20.1	78.9	0.02	
MW06D	4/27/2017 9:13	0.0	0.8	19.4	79.8	1.22	
MW06D	5/9/2017 9:16	0.0	0.7	19.3	80.0	0.98	
MW06D	5/23/2017 9:06	0.0	0.1	19.9	80.0	0.06	
MW06D	6/6/2017 7:53	0.0	0.5	20.1	79.4	-0.03	
MW06D	6/16/2017 8:54	0.0	0.8	18.9	80.3	0.02	
MW06D	7/14/2017 7:24	0.0	0.6	20.2	79.2	0.00	
MW06D	7/24/2017 11:04	0.0	1.3	16.7	82.0	0.05	
MW06D	8/8/2017 8:38	0.0	0.9	19.6	79.5	0.03	
MW06D	8/30/2017 8:30	0.0	1.9	18.9	79.2	-0.06	
MW06D	9/6/2017 10:13	0.0	0.3	20.2	79.5	-0.01	
MW06D	9/24/2017 10:07	0.0	2.1	18.9	79.0	-0.05	
MW06D	10/12/2017 11:02	0.0	1.9	20.0	78.1	-0.04	
MW06D	10/30/2017 11:04	0.0	1.5	19.5	79.0	-0.07	
MW06D	11/16/2017 16:32	0.0	1.4	19.9	78.7	-0.02	
MW06D	11/30/2017 8:01	0.0	1.5	18.9	79.6	-0.02	
MW06D	12/7/2017 10:35	0.0	1.6	18.1	80.3	0.04	
MW06D	12/28/2017 9:05	0.0	1.6	17.5	80.9	-0.02	



Table 1. LFG Monitoring Well Test Results January Through December 2017
Eastgate Area Properties Landfill

GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
MW06S	1/4/2017 8:43	0.0	0.9	22.5	76.6	0.07	
MW06S	1/31/2017 9:08	0.0	0.9	20.0	79.1	0.08	
MW06S	2/14/2017 10:09	0.0	0.8	0.0	99.2	-0.01	
MW06S	2/28/2017 11:03	0.0	0.8	20.8	78.4	0.00	
MW06S	3/7/2017 9:56	0.0	0.8	21.0	78.2	-0.02	
MW06S	3/29/2017 9:23	0.0	0.9	19.8	79.3	-0.09	
MW06S	4/13/2017 10:20	0.0	1.3	19.9	78.8	0.03	
MW06S	4/27/2017 9:15	0.0	1.3	20.3	78.4	0.00	
MW06S	5/9/2017 9:18	0.0	1.4	19.0	79.6	0.03	
MW06S	5/23/2017 9:09	0.0	1.5	18.4	80.1	0.04	
MW06S	6/6/2017 7:55	0.0	2.0	18.8	79.2	0.03	
MW06S	6/16/2017 8:57	0.0	2.1	18.9	79.0	0.01	
MW06S	7/14/2017 7:27	0.0	2.6	18.8	78.6	0.02	
MW06S	7/24/2017 11:06	0.0	2.4	17.0	80.6	-0.10	
MW06S	8/8/2017 8:41	0.0	2.8	17.5	79.7	0.05	
MW06S	8/30/2017 8:33	0.0	3.1	17.6	79.3	-0.01	
MW06S	9/6/2017 10:15	0.0	3.1	17.1	79.8	-0.04	
MW06S	9/24/2017 10:09	0.0	2.9	18.0	79.1	0.00	
MW06S	10/12/2017 11:03	0.0	2.5	19.5	78.0	-0.03	
MW06S	10/30/2017 11:05	0.0	2.3	19.1	78.6	0.00	
MW06S	11/16/2017 16:34	0.0	1.5	19.5	79.0	0.01	
MW06S	11/30/2017 8:04	0.0	1.5	20.4	78.1	0.02	
MW06S	12/7/2017 10:37	0.0	1.6	20.4	78.0	0.02	
MW06S	12/28/2017 9:07	0.0	1.1	20.0	78.9	-0.03	
MW08D	1/4/2017 8:47	0.0	0.5	21.1	78.4	-0.04	
MW08D	1/31/2017 9:12	0.0	0.2	20.8	79.0	0.10	
MW08D	2/14/2017 10:18	0.0	0.1	20.2	79.7	-0.09	
MW08D	2/28/2017 11:39	0.0	0.1	20.5	79.4	-0.01	
MW08D	3/7/2017 10:00	0.0	0.1	21.6	78.3	0.00	



Table 1. LFG Monitoring Well Test Results January Through December 2017
Eastgate Area Properties Landfill

GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
MW08D	3/29/2017 9:26	0.0	0.1	20.5	79.4	-0.06	
MW08D	4/13/2017 10:24	0.0	0.4	21.0	78.6	0.05	
MW08D	4/27/2017 9:18	0.0	0.0	21.4	78.6	0.03	
MW08D	5/9/2017 9:22	0.0	0.3	20.4	79.3	0.08	
MW08D	5/23/2017 9:12	0.0	0.1	20.2	79.7	0.13	
MW08D	6/6/2017 7:59	0.0	0.2	20.8	79.0	0.06	
MW08D	6/16/2017 9:01	0.0	0.2	20.8	79.0	0.03	
MW08D	7/14/2017 7:32	0.0	0.3	21.2	78.5	0.02	
MW08D	7/24/2017 11:09	0.0	0.4	19.3	80.3	-1.22	
MW08D	8/8/2017 8:47	0.0	0.1	20.4	79.5	0.05	
MW08D	8/30/2017 8:42	0.0	0.1	20.8	79.1	0.02	
MW08D	9/6/2017 10:18	0.0	0.1	20.4	79.5	0.04	
MW08D	9/24/2017 10:14	0.0	0.1	21.0	78.9	0.06	
MW08D	10/12/2017 11:24	0.0	0.2	21.6	78.2	-0.02	
MW08D	10/30/2017 11:09	0.0	0.2	21.3	78.5	-0.03	
MW08D	11/20/2017 10:19	0.0	0.1	20.5	79.4	-2.20	
MW08D	11/30/2017 8:11	0.0	0.5	21.2	78.3	-0.06	
MW08D	12/7/2017 10:43	0.0	0.3	21.2	78.5	-6.89	
MW08D	12/28/2017 9:11	0.0	0.4	20.9	78.7	-4.64	
MW08M	1/4/2017 8:50	0.0	3.0	20.1	76.9	-0.12	
MW08M	1/31/2017 9:15	0.0	3.4	17.9	78.7	0.97	
MW08M	2/14/2017 10:20	0.0	3.2	16.8	80.0	3.28	
MW08M	2/28/2017 11:42	0.0	3.9	16.5	79.6	2.30	
MW08M	3/7/2017 10:02	0.0	4.6	17.3	78.1	0.00	
MW08M	3/29/2017 9:28	0.0	4.2	14.8	81.0	-0.11	
MW08M	4/13/2017 10:26	0.0	4.5	15.9	79.6	0.03	
MW08M	4/27/2017 9:20	0.0	4.9	13.1	82.0	3.23	
MW08M	5/9/2017 9:25	0.0	4.3	10.1	85.6	0.06	
MW08M	5/23/2017 9:15	0.0	3.9	9.1	87.0	0.07	



Table 1. LFG Monitoring Well Test Results January Through December 2017
Eastgate Area Properties Landfill

GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
MW08M	6/6/2017 8:02	0.0	3.9	8.3	87.8	2.00	
MW08M	6/16/2017 9:03	0.0	4.0	7.0	89.0	-0.03	
MW08M	7/14/2017 7:35	0.0	3.1	15.3	81.6	0.00	
MW08M	7/24/2017 11:11	0.0	3.0	15.4	81.6	-0.04	
MW08M	8/8/2017 8:50	0.0	5.6	14.5	79.9	0.04	
MW08M	8/30/2017 8:44	0.0	3.9	16.8	79.3	-0.08	
MW08M	9/6/2017 10:20	0.0	3.9	16.8	79.3	-0.01	
MW08M	9/24/2017 10:16	0.0	1.9	19.0	79.1	-0.03	
MW08M	10/12/2017 11:26	0.0	1.3	20.5	78.2	-0.03	
MW08M	10/30/2017 11:11	0.0	2.0	19.6	78.4	-0.12	
MW08M	11/20/2017 10:21	0.0	1.9	18.5	79.6	-0.15	
MW08M	11/30/2017 8:14	0.0	2.1	19.3	78.6	0.03	
MW08M	12/7/2017 10:46	0.0	2.8	18.5	78.7	-0.01	
MW08M	12/28/2017 9:14	0.0	3.3	18.2	78.5	0.13	
MW08S	1/4/2017 8:52	0.0	3.4	20.2	76.4	-0.08	
MW08S	1/31/2017 9:18	0.0	3.8	17.3	78.9	0.10	
MW08S	2/14/2017 10:22	0.0	4.6	13.6	81.8	-0.03	
MW08S	2/28/2017 11:43	0.0	4.7	9.6	85.7	-0.03	
MW08S	3/7/2017 10:04	0.0	5.5	5.4	89.1	-0.02	
MW08S	3/29/2017 9:30	0.0	4.9	3.9	91.2	-0.94	
MW08S	4/13/2017 10:28	0.0	2.1	20.5	77.4	0.05	
MW08S	4/27/2017 9:22	0.0	0.7	21.1	78.2	-0.09	
MW08S	5/9/2017 9:26	0.0	1.5	19.9	78.6	0.06	
MW08S	5/23/2017 9:17	0.0	0.4	20.0	79.6	0.08	
MW08S	6/6/2017 8:03	0.0	7.3	8.3	84.4	-0.27	
MW08S	6/16/2017 9:06	0.0	12.9	4.0	83.1	-0.01	
MW08S	7/14/2017 7:38	0.0	4.7	17.6	77.7	-0.03	
MW08S	7/24/2017 11:13	0.0	3.8	16.0	80.2	-0.01	
MW08S	8/8/2017 8:53	0.0	3.3	17.9	78.8	-0.06	



Table 1. LFG Monitoring Well Test Results January Through December 2017
Eastgate Area Properties Landfill

GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
MW08S	8/30/2017 8:47	0.0	2.5	19.0	78.5	-0.02	
MW08S	9/6/2017 10:23	0.0	2.7	18.3	79.0	-0.01	
MW08S	9/24/2017 10:19	0.0	1.8	19.2	79.0	-0.03	
MW08S	10/12/2017 11:28	0.0	2.2	19.9	77.9	0.02	
MW08S	10/30/2017 11:14	0.0	2.3	19.5	78.2	-0.01	
MW08S	11/20/2017 10:23	0.0	2.1	18.5	79.4	-0.07	
MW08S	11/30/2017 8:16	0.0	2.4	18.9	78.7	-0.03	
MW08S	12/7/2017 10:48	0.0	2.5	18.8	78.7	-0.02	
MW08S	12/28/2017 9:16	0.0	4.0	17.6	78.4	0.03	
MW09D	1/4/2017 8:56	0.0	0.4	21.3	78.3	-3.48	
MW09D	1/31/2017 9:22	0.0	0.1	21.0	78.9	0.14	
MW09D	2/14/2017 10:26	0.0	0.1	20.2	79.7	0.06	
MW09D	2/28/2017 12:17	0.0	0.2	20.3	79.5	-3.05	
MW09D	3/7/2017 10:10	0.0	0.2	19.2	80.6	-60.65	
MW09D	3/29/2017 9:34	0.0	0.3	19.9	79.8	-0.12	
MW09D	4/13/2017 10:32	0.0	0.7	20.9	78.4	-0.53	
MW09D	4/27/2017 9:25	0.0	0.2	21.3	78.5	-1.25	
MW09D	5/9/2017 9:31	0.0	0.3	20.3	79.4	0.00	
MW09D	5/23/2017 9:23	0.0	0.0	20.0	80.0	0.19	
MW09D	6/6/2017 8:07	0.0	0.7	20.5	78.8	0.00	
MW09D	6/16/2017 9:10	0.0	0.7	20.5	78.8	-1.86	
MW09D	7/14/2017 7:43	0.0	0.2	21.4	78.4	-0.06	
MW09D	7/24/2017 11:16	0.0	0.4	19.1	80.5	-1.21	
MW09D	8/8/2017 8:59	0.0	0.1	20.6	79.3	-0.03	
MW09D	8/30/2017 8:52	0.0	0.1	20.8	79.1	-0.03	
MW09D	9/6/2017 10:26	0.0	0.3	20.3	79.4	0.00	
MW09D	9/24/2017 10:23	0.0	0.2	20.6	79.2	-0.02	
MW09D	10/12/2017 11:31	0.0	0.3	21.5	78.2	-0.01	
MW09D	10/30/2017 11:19	0.0	0.2	21.4	78.4	-0.02	



Table 1. LFG Monitoring Well Test Results January Through December 2017
Eastgate Area Properties Landfill

GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
MW09D	11/20/2017 10:28	0.0	0.2	20.7	79.1	-0.70	
MW09D	11/30/2017 8:20	0.0	0.7	20.8	78.5	-0.01	
MW09D	12/7/2017 10:53	0.0	0.5	20.7	78.8	-0.04	
MW09D	12/28/2017 9:20	0.0	0.5	20.9	78.6	0.02	
MW09M	1/4/2017 8:57	0.0	1.5	20.0	78.5	0.08	
MW09M	1/31/2017 9:24	0.0	0.3	20.7	79.0	0.13	
MW09M	2/14/2017 10:28	0.0	0.2	20.2	79.6	0.01	
MW09M	2/28/2017 12:19	0.0	0.3	20.3	79.4	-0.07	
MW09M	3/7/2017 10:13	0.0	0.2	21.3	78.5	0.04	
MW09M	3/29/2017 9:36	0.0	0.0	20.6	79.4	-0.10	
MW09M	4/13/2017 10:34	0.0	0.4	21.1	78.5	0.08	
MW09M	4/27/2017 9:27	0.0	0.2	21.3	78.5	0.29	
MW09M	5/9/2017 9:32	0.0	0.2	20.3	79.5	0.06	
MW09M	5/23/2017 9:25	0.0	0.0	20.1	79.9	0.18	
MW09M	6/6/2017 8:08	0.0	0.2	20.8	79.0	0.02	
MW09M	6/16/2017 9:12	0.0	0.2	20.8	79.0	-3.94	
MW09M	7/14/2017 7:45	0.0	0.1	21.4	78.5	-0.03	
MW09M	7/24/2017 11:18	0.0	0.1	19.2	80.7	-0.07	
MW09M	8/8/2017 9:01	0.0	0.1	20.5	79.4	0.02	
MW09M	8/30/2017 8:54	0.0	0.1	20.9	79.0	0.02	
MW09M	9/6/2017 10:27	0.0	0.1	20.4	79.5	0.03	
MW09M	9/24/2017 10:25	0.0	0.1	20.6	79.3	-0.04	
MW09M	10/12/2017 11:33	0.0	0.1	21.6	78.3	-0.04	
MW09M	10/30/2017 11:21	0.0	0.1	21.4	78.5	-0.02	
MW09M	11/20/2017 10:30	0.0	2.3	10.1	87.6	-2.09	
MW09M	11/30/2017 8:23	0.0	4.7	0.8	94.5	0.05	
MW09M	12/7/2017 10:55	0.0	4.6	1.4	94.0	-0.14	
MW09M	12/28/2017 9:22	0.0	4.4	2.0	93.6	1.25	
MW09S	1/4/2017 8:58	0.0	0.1	20.8	79.1	0.71	



Table 1. LFG Monitoring Well Test Results January Through December 2017
Eastgate Area Properties Landfill

GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
MW09S	1/31/2017 9:27	0.0	0.0	21.1	78.9	0.00	
MW09S	2/14/2017 10:30	0.0	0.0	20.3	79.7	-0.02	
MW09S	2/28/2017 12:21	0.0	0.1	20.4	79.5	0.19	
MW09S	3/7/2017 10:16	0.0	0.1	20.8	79.1	-0.54	
MW09S	3/29/2017 9:39	0.0	0.1	20.2	79.7	0.04	
MW09S	4/13/2017 10:36	0.0	0.2	21.2	78.6	-0.22	
MW09S	4/27/2017 9:29	0.0	0.0	21.4	78.6	-0.06	
MW09S	5/9/2017 9:35	0.0	0.1	20.5	79.4	-0.05	
MW09S	5/23/2017 9:27	0.0	0.1	20.0	79.9	0.12	
MW09S	6/6/2017 8:10	0.0	0.1	20.9	79.0	0.00	
MW09S	6/16/2017 9:13	0.0	0.2	20.7	79.1	-0.18	
MW09S	7/14/2017 7:47	0.0	6.5	16.4	77.1	-0.08	
MW09S	7/24/2017 11:19	0.0	0.1	19.2	80.7	-0.02	
MW09S	8/8/2017 9:04	0.0	5.9	14.1	80.0	0.01	
MW09S	8/30/2017 8:56	0.0	5.6	14.9	79.5	-0.01	
MW09S	9/6/2017 10:29	0.0	0.1	20.3	79.6	-0.01	
MW09S	9/24/2017 10:27	0.0	5.6	15.4	79.0	-0.04	
MW09S	10/12/2017 11:34	0.0	2.1	21.4	76.5	-0.01	
MW09S	10/30/2017 11:22	0.0	0.1	21.4	78.5	-0.02	
MW09S	11/20/2017 10:33	0.0	5.5	12.2	82.3	-0.03	
MW09S	11/30/2017 8:25	0.0	1.1	20.3	78.6	0.03	
MW09S	12/7/2017 10:56	0.0	0.2	20.8	79.0	-0.01	
MW09S	12/28/2017 9:24	0.0	0.3	21.0	78.7	0.47	
MW10D	1/4/2017 9:00	0.0	0.2	21.5	78.3	0.12	
MW10D	1/31/2017 9:31	0.0	0.1	21.1	78.8	0.12	
MW10D	2/14/2017 10:31	0.0	0.2	20.3	79.5	-0.58	
MW10D	2/28/2017 12:22	0.0	0.0	20.6	79.4	-0.01	
MW10D	3/7/2017 10:18	0.0	0.1	20.8	79.1	0.02	
MW10D	3/29/2017 9:40	0.0	0.0	20.8	79.2	-0.18	



Table 1. LFG Monitoring Well Test Results January Through December 2017
Eastgate Area Properties Landfill

GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
MW10D	4/13/2017 10:38	0.0	0.2	21.2	78.6	1.36	
MW10D	4/27/2017 9:35	0.0	0.0	21.4	78.6	0.17	
MW10D	5/9/2017 9:37	0.0	0.1	20.5	79.4	0.30	
MW10D	5/23/2017 9:31	0.0	0.0	20.2	79.8	0.38	
MW10D	6/6/2017 8:12	0.0	0.1	20.9	79.0	0.03	
MW10D	6/16/2017 9:15	0.0	0.2	20.7	79.1	-1.34	
MW10D	7/14/2017 7:51	0.0	0.4	21.3	78.3	-0.03	
MW10D	7/24/2017 11:22	0.0	0.1	19.1	80.8	0.02	
MW10D	8/8/2017 9:07	0.0	0.1	20.5	79.4	-0.02	
MW10D	8/30/2017 9:00	0.0	0.1	20.9	79.0	0.02	
MW10D	9/6/2017 10:32	0.0	0.1	20.3	79.6	-0.02	
MW10D	9/24/2017 10:30	0.0	0.2	20.7	79.1	-0.03	
MW10D	10/12/2017 11:37	0.0	0.4	21.5	78.1	-0.03	
MW10D	10/30/2017 11:25	0.0	0.1	21.4	78.5	0.02	
MW10D	11/20/2017 10:36	0.0	0.3	21.1	78.6	0.00	
MW10D	11/30/2017 8:28	0.0	0.3	21.1	78.6	-0.06	
MW10D	12/7/2017 10:59	0.0	0.1	20.8	79.1	-0.01	
MW10D	12/28/2017 9:27	0.0	0.1	21.2	78.7	0.01	
MW10S	1/4/2017 9:01	0.0	0.1	21.6	78.3	0.60	
MW10S	1/31/2017 9:31	0.0	0.2	21.0	78.8	0.12	
MW10S	2/14/2017 10:33	0.0	0.2	20.3	79.5	0.01	
MW10S	2/28/2017 12:24	0.0	0.1	20.7	79.2	-0.08	
MW10S	3/7/2017 10:19	0.0	0.0	20.6	79.4	-4.12	
MW10S	3/29/2017 9:41	0.0	0.0	20.8	79.2	-4.40	
MW10S	4/13/2017 10:39	0.0	0.2	21.2	78.6	-4.24	
MW10S	4/27/2017 9:35	0.0	0.0	21.3	78.7	-4.55	
MW10S	5/9/2017 9:37	0.0	0.1	20.5	79.4	-4.42	
MW10S	5/23/2017 9:31	0.0	0.1	20.1	79.8	-9.77	
MW10S	6/6/2017 8:15	0.1	0.1	20.8	79.0	-0.01	



Table 1. LFG Monitoring Well Test Results January Through December 2017
Eastgate Area Properties Landfill

GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
MW10S	6/16/2017 9:41	0.0	4.8	14.7	80.5	-0.06	
MW10S	7/14/2017 7:53	0.0	19.4	5.6	75.0	-0.05	
MW10S	7/24/2017 11:24	0.0	14.6	6.4	79.0	-0.04	
MW10S	8/8/2017 9:10	0.0	14.5	8.0	77.5	0.02	
MW10S	8/30/2017 9:02	0.0	12.1	10.0	77.9	0.00	
MW10S	9/6/2017 10:33	0.0	11.5	10.0	78.5	-0.01	
MW10S	9/24/2017 10:32	0.0	10.0	11.4	78.6	-0.01	
MW10S	10/12/2017 11:38	0.0	8.7	13.6	77.7	0.00	
MW10S	10/30/2017 11:26	0.0	9.4	10.7	79.9	0.01	
MW10S	11/20/2017 10:38	0.0	11.3	3.4	85.3	0.00	
MW10S	11/30/2017 8:30	0.4	5.4	13.0	81.2	-0.02	
MW10S	12/7/2017 11:00	0.0	0.8	20.9	78.3	0.02	
MW10S	12/28/2017 9:29	0.0	0.1	20.9	79.0	0.01	
MW12D	1/4/2017 9:06	0.0	0.1	21.6	78.3	-0.95	
MW12D	1/31/2017 9:37	0.0	6.4	13.8	79.8	-0.22	
MW12D	2/14/2017 10:39	0.0	7.1	13.6	79.3	-0.83	
MW12D	2/28/2017 12:35	0.0	8.4	11.9	79.7	-0.62	
MW12D	3/7/2017 10:28	0.0	9.3	9.8	80.9	-0.33	
MW12D	3/29/2017 9:53	0.0	9.4	7.6	83.0	-0.25	
MW12D	4/13/2017 10:46	0.0	9.3	6.9	83.8	0.00	
MW12D	4/27/2017 9:55	0.0	9.6	5.7	84.7	-0.32	
MW12D	5/9/2017 9:42	0.0	9.0	6.7	84.3	-0.04	
MW12D	5/23/2017 9:38	0.0	9.0	8.0	83.0	-0.12	
MW12D	6/6/2017 8:21	0.0	5.6	15.5	78.9	-0.50	
MW12D	6/16/2017 9:43	0.0	1.9	19.2	78.9	-0.06	
MW12D	7/14/2017 8:00	0.0	7.0	15.8	77.2	-0.01	
MW12D	7/24/2017 11:28	0.0	1.9	17.4	80.7	-0.25	
MW12D	8/8/2017 9:15	0.0	3.3	17.9	78.8	-0.25	
MW12D	8/30/2017 9:09	0.0	6.0	16.3	77.7	-0.03	



Table 1. LFG Monitoring Well Test Results January Through December 2017
Eastgate Area Properties Landfill

GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
MW12D	9/6/2017 10:39	0.0	1.8	19.0	79.2	-0.01	
MW12D	9/24/2017 10:37	0.0	4.8	16.7	78.5	-0.07	
MW12D	10/12/2017 11:43	0.0	5.2	17.8	77.0	-0.03	
MW12D	10/30/2017 11:31	0.0	4.8	17.8	77.4	-0.04	
MW12D	11/20/2017 10:45	0.0	4.2	18.0	77.8	-0.57	
MW12D	11/30/2017 8:34	0.0	4.3	17.7	78.0	0.04	
MW12D	12/7/2017 11:06	0.0	4.7	15.9	79.4	0.06	
MW12D	12/28/2017 9:37	0.0	5.2	14.8	80.0	-0.57	
MW12M	1/4/2017 9:08	0.0	0.2	21.5	78.3	0.06	
MW12M	1/31/2017 9:40	0.0	12.3	8.6	79.1	-0.02	
MW12M	2/14/2017 10:42	0.0	12.4	8.1	79.5	0.00	
MW12M	2/28/2017 12:37	0.0	13.1	5.2	81.7	-0.15	
MW12M	3/7/2017 10:30	0.0	14.9	2.5	82.6	0.01	
MW12M	3/29/2017 9:54	0.0	7.0	10.3	82.7	-0.13	
MW12M	4/13/2017 10:48	0.0	15.2	1.4	83.4	0.00	
MW12M	4/27/2017 9:57	0.0	13.3	3.0	83.7	0.00	
MW12M	5/9/2017 9:46	0.0	16.1	0.8	83.1	0.08	
MW12M	5/23/2017 9:39	0.0	14.6	2.6	82.8	-0.01	
MW12M	6/6/2017 8:23	0.0	10.8	8.7	80.5	-0.01	
MW12M	6/16/2017 9:45	0.0	10.8	10.2	79.0	-0.01	
MW12M	7/14/2017 8:03	0.0	10.2	13.2	76.6	-0.01	
MW12M	7/24/2017 11:30	0.0	7.4	12.7	79.9	0.05	
MW12M	8/8/2017 9:18	0.0	7.8	14.1	78.1	-0.03	
MW12M	8/30/2017 9:11	0.0	7.0	14.7	78.3	-0.01	
MW12M	9/6/2017 10:41	0.0	6.2	14.9	78.9	0.00	
MW12M	9/24/2017 10:39	0.0	6.4	14.9	78.7	0.00	
MW12M	10/12/2017 11:44	0.0	6.2	16.6	77.2	-0.05	
MW12M	10/30/2017 11:33	0.0	5.6	16.5	77.9	-0.02	
MW12M	11/20/2017 10:47	0.0	5.4	15.8	78.8	-0.02	



Table 1. LFG Monitoring Well Test Results January Through December 2017
Eastgate Area Properties Landfill

GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
MW12M	11/30/2017 8:37	0.0	6.0	14.5	79.5	0.01	
MW12M	12/7/2017 11:08	0.0	7.2	12.5	80.3	0.05	
MW12M	12/28/2017 9:40	0.0	8.6	10.1	81.3	-0.02	
MW12S	1/4/2017 9:10	0.0	9.7	10.4	79.9	-0.83	
MW12S	1/31/2017 9:43	0.0	6.7	12.9	80.4	-0.86	
MW12S	2/14/2017 10:44	0.0	5.9	10.6	83.5	-0.50	
MW12S	2/28/2017 12:38	0.0	6.4	9.3	84.3	-0.36	
MW12S	3/7/2017 10:32	0.0	6.1	11.5	82.4	-0.26	
MW12S	3/29/2017 9:56	0.0	6.0	8.8	85.2	-0.27	
MW12S	4/13/2017 10:50	0.0	8.0	8.9	83.1	0.02	
MW12S	4/27/2017 9:59	0.0	8.4	10.4	81.2	0.04	
MW12S	5/9/2017 9:49	0.0	8.8	7.8	83.4	-0.29	
MW12S	5/23/2017 9:43	0.0	7.7	12.5	79.8	-0.07	
MW12S	6/6/2017 8:25	0.0	5.9	15.3	78.8	-0.12	
MW12S	6/16/2017 9:47	0.0	4.2	17.7	78.1	-0.03	
MW12S	7/14/2017 8:06	0.0	3.5	18.7	77.8	-0.04	
MW12S	7/24/2017 11:31	0.0	3.4	15.7	80.9	-0.01	
MW12S	8/8/2017 9:20	0.0	2.5	18.6	78.9	-0.04	
MW12S	8/30/2017 9:14	0.0	1.8	19.7	78.5	-0.02	
MW12S	9/6/2017 10:43	0.0	2.7	18.1	79.2	0.02	
MW12S	9/24/2017 10:41	0.0	2.6	18.1	79.3	0.01	
MW12S	10/12/2017 11:47	0.0	3.0	19.4	77.6	0.02	
MW12S	10/30/2017 11:35	0.0	2.7	18.8	78.5	0.02	
MW12S	11/20/2017 10:50	0.0	3.9	16.2	79.9	0.01	
MW12S	11/30/2017 8:39	0.0	5.6	13.4	81.0	-0.06	
MW12S	12/7/2017 11:10	0.0	6.7	11.2	82.1	-0.09	
MW12S	12/28/2017 9:42	0.0	8.2	9.4	82.4	-0.03	
MW13D	1/4/2017 9:27	0.0	3.6	15.3	81.1	-0.79	
MW13D	1/31/2017 9:51	0.0	3.7	15.1	81.2	0.33	



Table 1. LFG Monitoring Well Test Results January Through December 2017
Eastgate Area Properties Landfill

GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
MW13D	2/14/2017 10:53	0.0	3.3	0.0	96.7	-0.10	
MW13D	2/28/2017 12:45	0.0	3.0	15.7	81.3	-0.35	
MW13D	3/7/2017 10:52	0.0	3.7	13.9	82.4	-0.30	
MW13D	3/29/2017 10:11	0.0	3.1	13.1	83.8	-0.17	
MW13D	4/13/2017 10:57	0.0	3.2	15.3	81.5	-0.37	
MW13D	4/27/2017 10:08	0.0	2.8	15.4	81.8	-0.95	
MW13D	5/9/2017 10:21	0.0	2.8	15.9	81.3	-1.00	
MW13D	5/23/2017 10:04	0.0	3.1	14.2	82.7	-0.23	
MW13D	6/6/2017 8:37	0.0	3.4	14.4	82.2	0.00	
MW13D	6/16/2017 10:03	0.1	0.2	20.1	79.6	-0.75	
MW13D	7/14/2017 9:04	0.0	0.2	19.7	80.1	-0.12	
MW13D	7/24/2017 11:44	0.0	0.4	17.4	82.2	-0.07	
MW13D	8/8/2017 9:52	0.0	0.2	20.0	79.8	0.01	
MW13D	8/30/2017 9:25	0.0	0.2	20.9	78.9	-0.55	
MW13D	9/6/2017 10:59	0.0	0.2	19.5	80.3	0.05	
MW13D	9/24/2017 10:54	0.0	0.2	19.4	80.4	-0.03	
MW13D	10/12/2017 11:51	0.0	0.4	21.8	77.8	-0.02	
MW13D	10/30/2017 11:50	0.0	0.3	20.7	79.0	-0.10	
MW13D	11/20/2017 11:09	0.0	0.1	20.9	79.0	-1.75	
MW13D	11/30/2017 8:46	0.0	1.1	20.1	78.8	0.30	
MW13D	12/7/2017 11:16	0.0	2.1	17.9	80.0	-0.02	
MW13D	12/28/2017 9:49	0.0	2.8	17.4	79.8	0.51	
MW13M	1/4/2017 9:29	0.0	4.6	16.5	78.9	-0.33	
MW13M	1/31/2017 9:53	0.0	4.4	16.5	79.1	-0.67	
MW13M	2/14/2017 10:56	0.0	4.1	0.0	95.9	-1.65	
MW13M	2/28/2017 12:47	0.0	4.3	16.4	79.3	-1.18	
MW13M	3/7/2017 10:54	0.0	4.7	15.4	79.9	0.52	
MW13M	3/29/2017 10:13	0.0	4.4	13.8	81.8	0.00	
MW13M	4/13/2017 10:59	0.0	4.8	15.7	79.5	-0.66	



Table 1. LFG Monitoring Well Test Results January Through December 2017
Eastgate Area Properties Landfill

GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
MW13M	4/27/2017 10:11	0.0	4.7	15.2	80.1	-0.29	
MW13M	5/9/2017 10:23	0.0	4.4	15.6	80.0	-0.26	
MW13M	5/23/2017 10:06	0.0	4.0	15.6	80.4	-0.78	
MW13M	6/6/2017 8:39	0.0	3.9	16.0	80.1	-0.21	
MW13M	6/16/2017 10:04	0.1	3.7	16.1	80.1	-0.54	
MW13M	7/14/2017 9:07	0.0	3.6	16.0	80.4	-0.09	
MW13M	7/24/2017 11:46	0.0	2.8	14.1	83.1	-0.04	
MW13M	8/8/2017 9:54	0.0	3.3	16.2	80.5	-0.07	
MW13M	8/30/2017 9:28	0.0	6.3	10.0	83.7	-0.02	
MW13M	9/6/2017 11:03	0.0	3.4	15.8	80.8	-0.63	
MW13M	9/24/2017 10:56	0.0	3.3	15.7	81.0	-0.03	
MW13M	10/12/2017 11:53	0.0	3.5	17.6	78.9	-0.18	
MW13M	10/30/2017 11:52	0.0	3.6	16.6	79.8	-0.06	
MW13M	11/20/2017 11:11	0.0	3.4	16.8	79.8	-1.33	
MW13M	11/30/2017 8:48	0.0	3.9	16.8	79.3	0.06	
MW13M	12/7/2017 11:18	0.0	4.0	16.3	79.7	0.02	
MW13M	12/28/2017 9:52	0.0	4.2	16.5	79.3	0.46	
MW13S	1/4/2017 9:31	0.0	7.6	9.1	83.3	0.06	
MW13S	1/31/2017 9:55	0.0	7.0	9.5	83.5	-0.13	
MW13S	2/14/2017 10:57	0.0	6.5	0.0	93.5	-0.01	
MW13S	2/28/2017 12:49	0.0	6.4	9.7	83.9	-0.09	
MW13S	3/7/2017 10:57	0.0	2.5	17.3	80.2	-5.77	
MW13S	3/29/2017 10:14	0.0	1.4	17.5	81.1	0.72	
MW13S	4/13/2017 11:01	0.0	0.4	21.0	78.6	-0.05	
MW13S	4/27/2017 10:13	0.0	2.8	17.1	80.1	0.00	
MW13S	5/9/2017 10:25	0.0	5.3	10.3	84.4	-0.31	
MW13S	5/23/2017 10:09	0.0	5.3	10.1	84.6	-0.54	
MW13S	6/6/2017 8:40	0.0	5.7	9.9	84.4	0.02	
MW13S	6/16/2017 10:07	0.1	5.7	10.0	84.2	0.02	



Table 1. LFG Monitoring Well Test Results January Through December 2017
Eastgate Area Properties Landfill

GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
MW13S	7/14/2017 9:09	0.0	5.8	9.7	84.5	-0.04	
MW13S	7/24/2017 11:47	0.0	5.1	8.7	86.2	-0.02	
MW13S	8/8/2017 9:57	0.0	6.0	9.7	84.3	-0.04	
MW13S	8/30/2017 9:30	0.0	3.3	16.7	80.0	-0.39	
MW13S	9/6/2017 11:06	0.0	6.3	9.6	84.1	0.03	
MW13S	9/24/2017 10:58	0.0	6.3	10.3	83.4	-0.01	
MW13S	10/12/2017 11:54	0.0	6.5	12.0	81.5	-0.02	
MW13S	10/30/2017 11:54	0.0	6.3	11.9	81.8	0.01	
MW13S	11/20/2017 11:13	0.0	5.7	11.9	82.4	-0.05	
MW13S	11/30/2017 8:51	0.0	6.4	12.0	81.6	-0.01	
MW13S	12/7/2017 11:19	0.0	6.6	11.4	82.0	-0.01	
MW13S	12/28/2017 9:54	0.0	6.6	11.4	82.0	0.01	
MW14D	1/4/2017 9:34	0.0	0.1	21.5	78.4	-0.26	
MW14D	1/31/2017 9:59	0.0	0.9	19.8	79.3	-0.63	
MW14D	2/14/2017 11:01	0.0	2.3	16.3	81.4	0.00	
MW14D	2/28/2017 12:51	0.0	2.2	17.0	80.8	-1.31	
MW14D	3/7/2017 11:00	0.0	2.6	15.9	81.5	0.65	
MW14D	3/29/2017 10:19	0.0	1.9	0.0	98.1	-0.01	
MW14D	4/13/2017 11:04	0.0	2.1	17.1	80.8	-0.61	
MW14D	4/27/2017 10:16	0.0	0.7	19.6	79.7	-0.28	
MW14D	5/9/2017 10:27	0.0	3.1	14.9	82.0	0.13	
MW14D	5/23/2017 10:12	0.0	1.7	17.1	81.2	-0.10	
MW14D	6/6/2017 8:45	0.0	2.5	16.5	81.0	0.01	
MW14D	6/16/2017 10:12	0.0	2.3	17.5	80.2	-0.77	
MW14D	7/14/2017 9:15	0.0	2.4	16.8	80.8	-0.16	
MW14D	7/24/2017 11:50	0.0	1.8	15.3	82.9	-0.05	
MW14D	8/8/2017 10:02	0.0	2.5	16.8	80.7	-0.18	
MW14D	8/30/2017 9:34	0.0	1.8	18.1	80.1	-0.52	
MW14D	9/6/2017 11:11	0.0	2.8	15.8	81.4	0.02	



Table 1. LFG Monitoring Well Test Results January Through December 2017
Eastgate Area Properties Landfill

GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
MW14D	9/24/2017 11:02	0.0	2.1	17.1	80.8	-0.33	
MW14D	10/12/2017 11:57	0.0	0.8	21.0	78.2	-0.04	
MW14D	10/30/2017 11:58	0.0	2.6	17.0	80.4	-0.08	
MW14D	11/20/2017 11:17	0.0	0.2	20.9	78.9	-1.72	
MW14D	11/30/2017 8:54	0.0	0.7	20.1	79.2	-0.01	
MW14D	12/7/2017 11:28	0.0	3.6	14.6	81.8	0.01	
MW14D	12/28/2017 9:56	0.0	3.7	15.0	81.3	0.53	
MW14M	1/4/2017 9:37	0.0	3.3	16.3	80.4	-0.27	
MW14M	1/31/2017 10:01	0.0	3.7	15.4	80.9	-0.37	
MW14M	2/14/2017 11:03	0.0	3.5	14.7	81.8	-0.06	
MW14M	2/28/2017 12:53	0.0	3.5	15.7	80.8	-0.66	
MW14M	3/7/2017 11:02	0.0	3.7	14.9	81.4	0.29	
MW14M	3/29/2017 10:23	0.0	3.3	0.0	96.7	-0.14	
MW14M	4/13/2017 11:06	0.0	3.6	15.3	81.1	-0.12	
MW14M	4/27/2017 10:18	0.0	1.9	17.7	80.4	-0.05	
MW14M	5/9/2017 10:29	0.0	2.8	15.9	81.3	0.27	
MW14M	5/23/2017 10:15	0.0	3.1	15.2	81.7	-0.08	
MW14M	6/6/2017 8:48	0.0	3.5	15.0	81.5	0.01	
MW14M	6/16/2017 10:15	0.0	3.5	15.4	81.1	-0.56	
MW14M	7/14/2017 9:18	0.0	2.8	16.0	81.2	-0.27	
MW14M	7/24/2017 11:51	0.0	2.1	14.7	83.2	-0.06	
MW14M	8/8/2017 10:05	0.0	3.2	15.5	81.3	-0.57	
MW14M	8/30/2017 9:37	0.0	3.5	15.3	81.2	-0.39	
MW14M	9/6/2017 11:16	0.0	3.6	14.8	81.6	-0.01	
MW14M	9/24/2017 11:04	0.0	3.2	15.1	81.7	-0.02	
MW14M	10/12/2017 11:59	0.0	2.6	17.8	79.6	-0.03	
MW14M	10/30/2017 12:00	0.0	3.5	15.6	80.9	-0.02	
MW14M	11/20/2017 11:20	0.0	0.1	21.0	78.9	-0.67	
MW14M	11/30/2017 8:57	0.0	1.6	18.5	79.9	-0.52	



Table 1. LFG Monitoring Well Test Results January Through December 2017
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GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
MW14M	12/7/2017 11:30	0.0	3.7	14.9	81.4	0.00	
MW14M	12/28/2017 9:59	0.0	3.8	14.9	81.3	0.09	
MW14S	1/4/2017 9:40	0.0	0.1	20.8	79.1	0.00	
MW14S	1/31/2017 10:04	0.0	0.1	20.9	79.0	0.06	
MW14S	2/14/2017 11:05	0.0	0.6	19.5	79.9	0.06	
MW14S	2/28/2017 12:58	0.0	5.9	8.4	85.7	-0.67	
MW14S	3/7/2017 11:04	0.0	0.4	20.2	79.4	-4.29	
MW14S	3/29/2017 10:25	0.0	0.4	0.0	99.6	0.50	
MW14S	4/13/2017 11:09	0.0	0.6	20.9	78.5	0.20	
MW14S	4/27/2017 10:20	0.0	0.4	21.0	78.6	-2.80	
MW14S	5/9/2017 10:31	0.0	0.9	21.1	78.0	-0.15	
MW14S	5/23/2017 10:16	0.0	0.5	20.6	78.9	-7.09	
MW14S	6/6/2017 8:50	0.0	3.6	13.3	83.1	0.02	
MW14S	6/16/2017 10:17	0.0	3.8	14.1	82.1	-0.01	
MW14S	7/14/2017 9:21	0.0	4.2	15.6	80.2	-0.07	
MW14S	7/24/2017 11:53	0.0	3.3	14.3	82.4	0.02	
MW14S	8/8/2017 10:08	0.0	3.9	17.5	78.6	0.03	
MW14S	8/30/2017 9:39	0.0	3.7	18.1	78.2	-0.02	
MW14S	9/6/2017 11:19	0.0	3.4	17.9	78.7	0.01	
MW14S	9/24/2017 11:05	0.0	3.2	18.0	78.8	-0.08	
MW14S	10/12/2017 12:02	0.0	3.3	19.2	77.5	-0.06	
MW14S	10/30/2017 12:03	0.0	3.3	17.6	79.1	-0.03	
MW14S	11/20/2017 11:23	0.0	2.9	15.4	81.7	-0.03	
MW14S	11/30/2017 8:59	0.0	3.1	14.2	82.7	-0.01	
MW14S	12/7/2017 11:32	0.0	3.0	14.0	83.0	0.01	
MW14S	12/28/2017 10:02	0.0	3.3	13.1	83.6	0.05	
MW15D	1/4/2017 9:44	0.0	6.1	7.6	86.3	-0.46	
MW15D	1/31/2017 10:09	0.0	6.1	8.0	85.9	-0.72	
MW15D	2/14/2017 11:08	0.0	6.1	0.0	93.9	-0.51	



Table 1. LFG Monitoring Well Test Results January Through December 2017
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GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
MW15D	2/28/2017 13:18	0.0	6.5	8.1	85.4	-0.71	
MW15D	3/7/2017 11:07	0.0	6.5	7.4	86.1	0.57	
MW15D	3/29/2017 10:29	0.0	5.9	5.5	88.6	0.83	
MW15D	4/13/2017 11:12	0.0	6.6	5.6	87.8	-0.22	
MW15D	4/27/2017 10:23	0.0	6.2	5.3	88.5	-0.24	
MW15D	5/9/2017 10:34	0.0	6.1	4.9	89.0	0.41	
MW15D	5/23/2017 10:20	0.0	6.4	4.5	89.1	-0.15	
MW15D	6/6/2017 8:53	0.0	6.9	5.7	87.4	0.01	
MW15D	6/16/2017 10:22	0.0	6.3	7.2	86.5	-0.75	
MW15D	7/14/2017 9:27	0.0	5.5	8.5	86.0	-0.37	
MW15D	7/24/2017 11:55	0.0	5.2	7.8	87.0	-0.06	
MW15D	8/8/2017 10:12	0.0	5.4	8.4	86.2	-0.04	
MW15D	8/30/2017 9:46	0.0	5.3	9.2	85.5	-0.41	
MW15D	9/6/2017 11:22	0.0	1.6	16.8	81.6	-0.01	
MW15D	9/24/2017 11:11	0.0	2.4	14.5	83.1	-0.46	
MW15D	10/12/2017 12:06	0.0	2.6	15.8	81.6	-0.01	
MW15D	10/30/2017 12:11	0.0	4.2	11.0	84.8	-0.04	
MW15D	11/20/2017 11:26	0.0	0.1	21.0	78.9	-0.32	
MW15D	11/30/2017 9:03	0.0	3.5	13.4	83.1	0.05	
MW15D	12/7/2017 11:34	0.0	3.2	13.3	83.5	-0.05	
MW15D	12/28/2017 10:07	0.0	4.0	12.0	84.0	0.38	
MW15M	1/4/2017 9:46	0.0	2.5	0.0	97.5	-0.15	
MW15M	1/31/2017 10:11	0.1	2.4	0.0	97.5	-1.06	
MW15M	2/14/2017 11:11	0.1	2.1	0.0	97.8	0.17	
MW15M	2/28/2017 13:00	0.1	2.1	0.0	97.8	4.45	
MW15M	3/7/2017 11:10	0.1	2.1	0.0	97.8	0.18	
MW15M	3/29/2017 10:31	0.1	1.9	0.0	98.0	-0.47	
MW15M	4/13/2017 11:15	0.1	2.1	0.0	97.8	1.88	
MW15M	4/27/2017 10:26	0.1	2.1	0.0	97.8	1.08	



Table 1. LFG Monitoring Well Test Results January Through December 2017
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GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
MW15M	5/9/2017 10:36	0.1	2.1	0.0	97.8	0.50	
MW15M	5/23/2017 10:23	0.1	1.8	0.0	98.1	0.71	
MW15M	6/6/2017 8:55	0.1	2.1	0.1	97.7	-0.71	
MW15M	6/16/2017 10:26	0.0	1.8	2.9	95.3	-4.45	
MW15M	7/14/2017 9:32	0.1	2.0	0.0	97.9	-5.23	
MW15M	7/24/2017 11:57	0.0	2.0	0.0	98.0	-5.89	
MW15M	8/8/2017 10:16	0.0	0.1	21.0	78.9	-1.23	
MW15M	8/30/2017 10:03	0.0	0.1	20.7	79.2	-0.57	
MW15M	9/6/2017 11:23	0.0	0.9	11.6	87.5	-7.78	
MW15M	9/24/2017 11:13	0.0	0.2	20.8	79.0	-0.03	
MW15M	10/12/2017 12:07	0.0	1.9	4.7	93.4	-10.38	
MW15M	10/30/2017 12:14	0.0	0.1	21.2	78.7	-0.13	
MW15M	11/20/2017 11:29	0.0	0.1	21.0	78.9	0.04	
MW15M	11/30/2017 9:06	0.0	2.4	0.0	97.6	0.07	
MW15M	12/7/2017 11:36	0.0	2.2	0.0	97.8	0.13	
MW15M	12/28/2017 10:10	0.1	2.4	0.0	97.5	0.32	
MW15S	1/4/2017 9:48	0.0	4.7	2.4	92.9	0.04	
MW15S	1/31/2017 10:15	0.0	4.1	5.0	90.9	0.04	
MW15S	2/14/2017 11:14	0.0	3.2	0.0	96.8	0.05	
MW15S	2/28/2017 13:01	0.0	4.0	4.4	91.6	-0.03	
MW15S	3/7/2017 11:12	0.0	4.2	3.0	92.8	-0.02	
MW15S	3/29/2017 10:33	0.0	4.0	1.7	94.3	0.18	
MW15S	4/13/2017 11:17	0.0	4.5	3.2	92.3	-0.03	
MW15S	4/27/2017 10:28	0.0	4.5	4.6	90.9	0.01	
MW15S	5/9/2017 10:38	0.0	4.1	5.1	90.8	-0.16	
MW15S	5/23/2017 10:26	0.0	4.7	4.6	90.7	-0.69	
MW15S	6/6/2017 8:57	0.0	5.4	5.5	89.1	-0.24	
MW15S	6/16/2017 10:28	0.0	5.8	6.7	87.5	-0.08	
MW15S	7/14/2017 9:35	0.0	6.6	9.2	84.2	-0.28	



Table 1. LFG Monitoring Well Test Results January Through December 2017
Eastgate Area Properties Landfill

GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
MW15S	7/24/2017 12:01	0.0	3.9	12.7	83.4	-0.02	
MW15S	8/8/2017 10:18	0.0	6.3	13.0	80.7	0.03	
MW15S	8/30/2017 10:07	0.0	5.4	14.6	80.0	-0.01	
MW15S	9/6/2017 11:26	0.0	4.8	14.9	80.3	0.01	
MW15S	9/24/2017 11:15	0.0	4.0	15.9	80.1	-0.06	
MW15S	10/12/2017 12:09	0.0	3.9	16.5	79.6	-0.01	
MW15S	10/30/2017 12:16	0.0	3.9	13.8	82.3	-0.02	
MW15S	11/20/2017 11:32	0.0	2.2	11.9	85.9	0.02	
MW15S	11/30/2017 9:08	0.0	3.6	7.4	89.0	0.79	
MW15S	12/7/2017 11:38	0.0	3.8	5.0	91.2	-0.02	
MW15S	12/28/2017 10:13	0.0	3.9	6.1	90.0	-0.02	
MW16D	1/4/2017 9:53	0.0	3.6	16.0	80.4	-0.48	
MW16D	1/31/2017 10:19	0.0	3.0	16.5	80.5	-0.27	
MW16D	2/14/2017 11:17	0.0	3.6	14.2	82.2	-0.17	
MW16D	2/28/2017 13:04	0.0	4.2	14.9	80.9	-0.67	
MW16D	3/7/2017 11:16	0.0	4.5	14.1	81.4	0.30	
MW16D	3/29/2017 10:36	0.0	4.0	13.7	82.3	0.09	
MW16D	4/13/2017 11:22	0.0	4.5	14.8	80.7	-0.20	
MW16D	4/27/2017 10:32	0.0	1.3	19.9	78.8	-0.08	
MW16D	5/9/2017 10:41	0.0	2.6	17.2	80.2	-0.13	
MW16D	5/23/2017 10:32	0.0	3.9	14.5	81.6	0.11	
MW16D	6/6/2017 9:00	0.0	4.3	14.0	81.7	0.02	
MW16D	6/16/2017 10:33	0.0	4.3	14.2	81.5	-0.64	
MW16D	7/14/2017 9:39	0.0	4.2	13.8	82.0	-0.11	
MW16D	7/24/2017 12:04	0.0	4.0	13.8	82.2	0.00	
MW16D	8/8/2017 10:22	0.0	1.4	18.9	79.7	-0.08	
MW16D	8/30/2017 10:12	0.0	3.3	14.7	82.0	-0.49	
MW16D	9/6/2017 11:29	0.0	3.5	14.0	82.5	-0.01	
MW16D	9/24/2017 11:19	0.0	1.4	18.7	79.9	-0.07	



Table 1. LFG Monitoring Well Test Results January Through December 2017
Eastgate Area Properties Landfill

GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
MW16D	10/12/2017 12:12	0.0	1.2	20.1	78.7	-0.04	
MW16D	10/30/2017 12:20	0.0	2.9	16.0	81.1	-0.08	
MW16D	11/20/2017 11:39	0.0	0.0	20.9	79.1	-1.55	
MW16D	11/30/2017 9:14	0.0	1.2	19.3	79.5	0.00	
MW16D	12/7/2017 11:41	0.0	2.0	17.8	80.2	0.04	
MW16D	12/28/2017 10:17	0.0	2.3	17.4	80.3	0.00	
MW16M	1/4/2017 9:55	0.0	3.0	16.5	80.5	-0.41	
MW16M	1/31/2017 10:21	0.0	3.8	13.5	82.7	-0.68	
MW16M	2/14/2017 11:19	0.0	3.8	12.0	84.2	-0.04	
MW16M	2/28/2017 13:06	0.0	2.3	16.9	80.8	3.12	
MW16M	3/7/2017 11:17	0.0	1.6	18.0	80.4	-0.06	
MW16M	3/29/2017 10:38	0.0	1.3	18.1	80.6	-0.01	
MW16M	4/13/2017 11:24	0.0	1.3	19.9	78.8	-3.94	
MW16M	4/27/2017 10:34	0.0	1.2	20.3	78.5	-0.43	
MW16M	5/9/2017 10:43	0.0	3.4	14.0	82.6	0.13	
MW16M	5/23/2017 10:36	0.0	4.4	11.2	84.4	-0.45	
MW16M	6/6/2017 9:02	0.0	4.6	11.0	84.4	-1.51	
MW16M	6/16/2017 10:36	0.0	4.7	11.8	83.5	-0.95	
MW16M	7/14/2017 9:42	0.0	3.5	15.4	81.1	-0.14	
MW16M	7/24/2017 12:07	0.0	3.6	14.1	82.3	-0.02	
MW16M	8/8/2017 10:24	0.0	4.3	14.8	80.9	-0.55	
MW16M	8/30/2017 10:15	0.0	4.3	15.3	80.4	-0.45	
MW16M	9/6/2017 11:31	0.0	1.0	19.5	79.5	-1.00	
MW16M	9/24/2017 11:21	0.0	4.1	16.0	79.9	-0.89	
MW16M	10/12/2017 12:14	0.0	3.8	17.6	78.6	-0.89	
MW16M	10/30/2017 12:22	0.0	3.7	16.3	80.0	-0.08	
MW16M	11/20/2017 11:42	0.0	1.5	19.1	79.4	-0.62	
MW16M	11/30/2017 9:17	0.0	3.1	16.1	80.8	0.43	
MW16M	12/7/2017 11:43	0.0	3.9	14.3	81.8	-0.03	



Table 1. LFG Monitoring Well Test Results January Through December 2017
Eastgate Area Properties Landfill

GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
MW16M	12/28/2017 10:19	0.0	4.1	14.6	81.3	0.42	
MW16S	1/4/2017 9:57	0.0	2.5	19.5	78.0	-0.31	
MW16S	1/31/2017 10:24	0.0	4.2	16.9	78.9	-0.11	
MW16S	2/14/2017 11:22	0.0	5.8	11.6	82.6	-0.01	
MW16S	2/28/2017 13:08	0.0	7.1	10.8	82.1	-0.40	
MW16S	3/7/2017 11:19	0.0	7.7	11.8	80.5	-0.09	
MW16S	3/29/2017 10:40	0.0	7.3	7.0	85.7	-0.47	
MW16S	4/13/2017 11:26	0.0	7.0	12.2	80.8	-0.21	
MW16S	4/27/2017 10:36	0.0	4.2	17.5	78.3	-0.60	
MW16S	5/9/2017 10:45	0.0	4.3	16.8	78.9	-0.65	
MW16S	5/23/2017 10:40	0.0	4.4	16.3	79.3	-0.08	
MW16S	6/6/2017 9:04	0.0	2.7	18.5	78.8	-0.76	
MW16S	6/16/2017 10:42	0.0	2.9	16.5	80.6	-0.64	
MW16S	7/14/2017 9:45	0.0	1.8	19.6	78.6	-0.09	
MW16S	7/24/2017 12:06	0.0	1.2	18.7	80.1	-0.01	
MW16S	8/8/2017 10:27	0.0	1.4	19.8	78.8	0.03	
MW16S	8/30/2017 10:17	0.0	1.3	19.8	78.9	-0.02	
MW16S	9/6/2017 11:33	0.0	1.1	19.6	79.3	-0.31	
MW16S	9/24/2017 11:24	0.0	1.1	20.1	78.8	-0.10	
MW16S	10/12/2017 12:16	0.0	0.6	21.7	77.7	-0.01	
MW16S	10/30/2017 12:25	0.0	0.7	20.9	78.4	-0.02	
MW16S	11/20/2017 11:46	0.0	0.2	21.0	78.8	-0.92	
MW16S	11/30/2017 9:19	0.0	2.0	19.2	78.8	-0.02	
MW16S	12/7/2017 11:45	0.0	2.5	18.5	79.0	0.10	
MW16S	12/28/2017 10:21	0.0	2.9	18.1	79.0	0.17	
MW17D	1/4/2017 10:00	0.0	4.8	17.2	78.0	-0.38	
MW17D	1/31/2017 10:28	0.0	4.4	16.7	78.9	-0.44	
MW17D	2/14/2017 11:26	0.0	4.5	0.0	95.5	0.23	
MW17D	2/28/2017 13:11	0.0	4.5	16.9	78.6	-0.37	



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Eastgate Area Properties Landfill

GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
MW17D	3/7/2017 11:22	0.0	4.8	15.5	79.7	0.34	
MW17D	3/29/2017 10:43	0.0	4.4	15.0	80.6	0.44	
MW17D	4/13/2017 11:30	0.0	4.9	15.3	79.8	-0.17	
MW17D	4/27/2017 10:39	0.0	1.3	20.7	78.0	-0.13	
MW17D	5/9/2017 10:48	0.0	1.0	20.7	78.3	0.36	
MW17D	5/23/2017 10:45	0.0	4.3	15.5	80.2	-0.02	
MW17D	6/6/2017 9:09	0.0	2.7	16.3	81.0	0.09	
MW17D	6/16/2017 10:44	0.0	3.6	16.0	80.4	-0.64	
MW17D	7/14/2017 9:49	0.0	2.5	17.9	79.6	-0.21	
MW17D	7/24/2017 12:10	0.0	3.8	15.1	81.1	-0.06	
MW17D	8/8/2017 10:31	0.0	4.5	15.2	80.3	-0.06	
MW17D	8/30/2017 10:20	0.0	2.0	18.6	79.4	-0.47	
MW17D	9/6/2017 11:36	0.0	0.4	20.2	79.4	-0.04	
MW17D	9/24/2017 11:27	0.0	1.3	19.6	79.1	-0.12	
MW17D	10/12/2017 12:19	0.0	1.6	20.1	78.3	-0.24	
MW17D	10/30/2017 12:27	0.0	1.1	20.3	78.6	-0.14	
MW17D	11/20/2017 11:49	0.0	0.1	21.0	78.9	-0.47	
MW17D	11/30/2017 9:23	0.0	0.6	20.5	78.9	-1.21	
MW17D	12/7/2017 11:48	0.0	4.5	16.7	78.8	0.43	
MW17D	12/28/2017 10:24	0.0	4.6	17.3	78.1	-0.01	
MW17M	1/4/2017 10:02	0.0	5.2	16.9	77.9	-0.38	
MW17M	1/31/2017 10:31	0.0	6.4	14.4	79.2	-0.39	
MW17M	2/14/2017 11:28	0.0	6.5	0.0	93.5	-0.32	
MW17M	2/28/2017 13:12	0.0	8.3	10.0	81.7	-0.34	
MW17M	3/7/2017 11:25	0.0	9.9	8.6	81.5	0.21	
MW17M	3/29/2017 10:45	0.0	9.0	8.4	82.6	0.52	
MW17M	4/13/2017 11:32	0.0	5.4	14.6	80.0	-0.18	
MW17M	4/27/2017 10:41	0.0	3.7	16.8	79.5	-0.84	
MW17M	5/9/2017 10:51	0.0	7.0	11.7	81.3	0.06	



Table 1. LFG Monitoring Well Test Results January Through December 2017
Eastgate Area Properties Landfill

GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
MW17M	5/23/2017 10:47	0.0	4.9	14.4	80.7	0.11	
MW17M	6/6/2017 9:11	0.0	3.2	16.8	80.0	0.02	
MW17M	6/16/2017 10:46	0.0	3.5	17.9	78.6	-0.69	
MW17M	7/14/2017 9:53	0.0	4.9	17.1	78.0	-0.06	
MW17M	7/24/2017 12:12	0.0	1.8	18.8	79.4	-0.02	
MW17M	8/8/2017 10:33	0.0	1.6	19.7	78.7	-0.03	
MW17M	8/30/2017 10:22	0.0	1.3	19.6	79.1	-0.35	
MW17M	9/6/2017 11:38	0.0	0.5	20.1	79.4	-0.65	
MW17M	9/24/2017 11:29	0.0	0.7	20.9	78.4	-0.01	
MW17M	10/12/2017 12:21	0.0	0.6	21.6	77.8	-0.10	
MW17M	10/30/2017 12:29	0.0	1.7	20.1	78.2	-0.04	
MW17M	11/20/2017 11:52	0.0	1.6	19.0	79.4	-0.85	
MW17M	11/30/2017 9:25	0.0	1.4	19.7	78.9	0.01	
MW17M	12/7/2017 11:50	0.0	4.1	17.3	78.6	0.01	
MW17M	12/28/2017 10:26	0.0	4.5	16.7	78.8	-0.65	
MW17S	1/4/2017 10:04	0.0	5.4	17.3	77.3	-0.12	
MW17S	1/31/2017 10:33	0.0	8.3	11.9	79.8	-0.21	
MW17S	2/14/2017 11:29	0.0	9.7	0.0	90.3	-0.20	
MW17S	2/28/2017 13:14	0.0	10.2	8.2	81.6	0.00	
MW17S	3/7/2017 11:27	0.0	10.3	7.5	82.2	-0.04	
MW17S	3/29/2017 10:47	0.0	9.7	7.4	82.9	0.38	
MW17S	4/13/2017 11:34	0.0	10.1	7.2	82.7	0.06	
MW17S	4/27/2017 10:44	0.0	9.9	8.7	81.4	0.00	
MW17S	5/9/2017 10:52	0.0	10.0	8.0	82.0	-0.02	
MW17S	5/23/2017 10:49	0.0	10.4	8.7	80.9	-0.18	
MW17S	6/6/2017 9:13	0.0	8.2	13.3	78.5	0.02	
MW17S	6/16/2017 10:49	0.0	7.1	15.3	77.6	-0.02	
MW17S	7/14/2017 9:56	0.0	5.1	17.1	77.8	-0.04	
MW17S	7/24/2017 12:14	0.0	4.5	16.5	79.0	-0.04	



Table 1. LFG Monitoring Well Test Results January Through December 2017
Eastgate Area Properties Landfill

GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
MW17S	8/8/2017 10:36	0.0	4.1	17.9	78.0	0.03	
MW17S	8/30/2017 10:25	0.0	3.3	18.4	78.3	-0.01	
MW17S	9/6/2017 11:40	0.0	3.1	18.3	78.6	-0.33	
MW17S	9/24/2017 11:31	0.0	2.6	19.4	78.0	-0.02	
MW17S	10/12/2017 12:22	0.0	2.4	20.2	77.4	-0.03	
MW17S	10/30/2017 12:31	0.0	3.0	18.8	78.2	-0.01	
MW17S	11/20/2017 11:54	0.0	3.4	17.5	79.1	-0.44	
MW17S	11/30/2017 9:27	0.0	3.8	17.6	78.6	-0.38	
MW17S	12/7/2017 11:52	0.0	4.5	16.9	78.6	-0.02	
MW17S	12/28/2017 10:29	0.0	5.1	16.1	78.8	-0.01	



Table 2. LFG Extraction Well Monitoring Results January Through December 2017
Eastgate Area Properties Landfill

GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Init Static Pressure ("H2O)	System Pressure ("H2O)	Init Temp (F)	Comments
EW06	1/10/2017 10:18	0.0	5.6	7.3	87.1	-1.1	-7.78	34	
EW06	1/31/2017 12:05	0.0	5.0	8.6	86.4	-10.8	-24.18	55	
EW06	2/14/2017 12:51	0.0	2.6	7.9	89.5	2.0	-31.77	57	
EW06	2/28/2017 14:19	0.0	3.2	9.4	87.4	-1.7	-11.14	55	
EW06	3/7/2017 12:53	0.0	3.2	7.5	89.3	-4.7	-11.17	45	
EW06	3/29/2017 11:50	0.0	2.8	8.7	88.5	1.0	-10.84	53	
EW06	4/13/2017 13:03	0.1	2.9	10.7	86.3	-1.0	-10.59	63	
EW06	5/9/2017 11:54	0.0	1.8	15.7	82.5	-0.9	-9.93	79	
EW06	5/23/2017 12:12	0.0	1.6	17.0	81.4	-0.8	-6.98	68	
EW06	6/6/2017 10:55	0.1	0.7	17.3	81.9	-0.1	-16.98	85	
EW06	6/16/2017 12:51	0.0	1.4	17.3	81.3	-0.4	-16.89	76	
EW06	7/14/2017 12:43	0.0	0.3	15.4	84.3	0.1	-15.34	89	
EW06	7/24/2017 10:54	0.1	0.4	18.9	80.6	0.0	-15.73	76	
EW06	8/8/2017 11:39	0.0	0.4	18.4	81.2	0.1	-13.63	96	
EW06	8/30/2017 12:07	0.0	0.2	20.0	79.8	-0.2	-12.37	70	
EW06	9/6/2017 12:59	0.0	0.4	18.9	80.7	0.0	-11.87	91	
EW06	9/24/2017 13:00	0.0	1.1	18.7	80.2	-0.1	-16.47	80	
EW06	10/12/2017 13:54	0.0	1.8	19.5	78.7	-0.1	-10.84	51	
EW06	10/30/2017 13:44	0.0	2.1	17.6	80.3	0.2	-16.20	50	
EW06	11/20/2017 13:05	0.0	2.7	16.9	80.4	-1.1	-26.13	66	
EW06	11/30/2017 11:12	0.0	2.9	15.0	82.1	2.0	-27.65	49	
EW06	12/7/2017 13:06	0.0	3.0	12.9	84.1	2.1	-26.51	65	
EW06	12/28/2017 11:44	0.0	3.4	11.9	84.7	0.8	-12.52	44	
EW07	1/4/2017 11:23	0.0	6.1	13.1	80.8	-0.8	-0.78	34	
EW07	1/31/2017 12:09	0.0	5.9	12.3	81.8	-0.5	-24.74	56	
EW07	2/14/2017 12:47	0.0	5.4	10.6	84.0	2.9	-31.44	59	
EW07	2/28/2017 14:16	0.0	5.3	10.6	84.1	-1.1	-11.16	54	
EW07	3/7/2017 12:50	0.0	5.8	9.8	84.4	-1.1	-1.07	46	
EW07	3/29/2017 11:53	0.0	5.0	11.3	83.7	0.4	-11.29	52	



Table 2. LFG Extraction Well Monitoring Results January Through December 2017
Eastgate Area Properties Landfill

GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Init Static Pressure ("H2O)	System Pressure ("H2O)	Init Temp (F)	Comments
EW07	4/13/2017 13:06	0.0	4.3	13.3	82.4	-0.9	-10.71	61	
EW07	4/27/2017 11:44	0.0	3.0	16.0	81.0	-3.5	-9.40	63	
EW07	5/9/2017 11:58	0.0	4.1	13.1	82.8	0.0	-10.06	80	
EW07	5/23/2017 12:15	0.0	1.7	16.9	81.4	-0.5	-6.98	66	
EW07	6/6/2017 10:50	0.0	0.1	18.9	81.0	-0.3	-17.60	97	
EW07	6/16/2017 12:54	0.0	1.8	17.9	80.3	-1.1	-17.39	74	
EW07	7/14/2017 12:49	0.0	0.1	15.0	84.9	-0.3	-16.64	106	
EW07	7/24/2017 10:51	0.1	0.5	18.9	80.5	0.0	-16.48	77	
EW07	8/8/2017 11:47	0.0	0.3	17.9	81.8	-0.2	-15.37	98	
EW07	8/30/2017 12:14	0.0	0.1	20.2	79.7	-0.5	-13.39	76	
EW07	9/6/2017 13:02	0.0	0.4	18.6	81.0	0.0	-12.84	92	
EW07	9/24/2017 13:04	0.0	0.2	19.3	80.5	-0.2	-17.03	83	
EW07	10/12/2017 13:56	0.0	3.0	17.7	79.3	-0.5	-11.58	51	
EW07	10/30/2017 13:42	0.0	0.6	19.7	79.7	0.1	-17.01	60	
EW07	11/20/2017 13:02	0.0	3.8	15.6	80.6	-1.5	-28.05	65	
EW07	11/30/2017 11:14	0.0	3.9	15.6	80.5	2.0	-31.65	50	
EW07	12/7/2017 13:03	0.0	4.5	14.1	81.4	1.8	-29.23	65	
EW07	12/28/2017 11:47	0.0	4.8	13.1	82.1	2.6	-12.51	45	
EW08	1/4/2017 11:20	0.0	1.5	6.9	91.6	-0.5	-0.57	40	
EW08	1/31/2017 12:12	0.0	2.6	6.5	90.9	0.0	-25.24	56	
EW08	2/21/2017 10:19	0.0	2.7	6.2	91.1	3.1	-11.22	56	
EW08	2/28/2017 14:14	0.0	2.1	7.5	90.4	1.2	-11.36	53	
EW08	3/7/2017 12:48	0.0	1.9	8.7	89.4	0.0	-11.09	46	
EW08	3/29/2017 11:55	0.0	2.4	11.9	85.7	4.7	-10.79	51	
EW08	4/13/2017 13:10	0.0	2.1	13.6	84.3	4.0	-10.78	61	
EW08	4/27/2017 11:41	0.1	1.6	15.2	83.1	-2.5	-9.32	64	
EW08	5/9/2017 12:00	0.0	2.2	13.3	84.5	-0.8	-10.22	80	
EW08	5/23/2017 12:17	0.0	0.5	18.0	81.5	-1.9	-6.69	67	
EW08	6/6/2017 10:45	0.1	1.0	15.3	83.6	-1.0	-17.79	85	



Table 2. LFG Extraction Well Monitoring Results January Through December 2017
Eastgate Area Properties Landfill

GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Init Static Pressure ("H2O)	System Pressure ("H2O)	Init Temp (F)	Comments
EW08	6/16/2017 12:57	0.0	1.8	14.0	84.2	-2.6	-17.71	72	
EW08	7/14/2017 12:55	0.0	1.1	11.8	87.1	-1.9	-16.88	97	
EW08	7/24/2017 10:49	0.1	0.6	17.8	81.5	0.0	-16.63	78	
EW08	8/8/2017 12:08	0.0	0.6	13.6	85.8	0.2	0.24	NT	
EW08	8/30/2017 12:20	0.0	1.1	18.5	80.4	-0.1	-14.00	82	
EW08	9/6/2017 13:05	0.0	1.2	17.4	81.4	0.1	-13.50	94	
EW08	9/24/2017 13:06	0.0	1.7	17.2	81.1	-0.3	-17.39	96	
EW08	10/12/2017 13:58	0.0	2.4	18.4	79.2	-0.7	-12.12	52	
EW08	10/30/2017 13:40	0.0	1.9	18.2	79.9	-0.4	-17.33	60	
EW08	11/20/2017 12:59	0.0	1.0	18.9	80.1	-2.4	-27.32	65	
EW08	11/30/2017 11:17	0.0	1.7	17.5	80.8	1.6	-0.08	58	
EW08	12/7/2017 13:00	0.0	1.5	15.9	82.6	1.3	-29.35	65	
EW08	12/28/2017 11:49	0.0	1.8	14.8	83.4	2.8	-12.53	44	
EW09	1/10/2017 10:23	13.3	17.2	2.1	67.4	-1.1	-8.02	36	
EW09	1/31/2017 11:57	8.0	14.6	5.5	71.9	-2.6	-25.32	55	
EW09	2/14/2017 12:35	7.7	13.7	5.2	73.4	-3.6	-30.79	58	
EW09	2/28/2017 14:12	7.2	12.8	5.6	74.4	-1.8	-11.30	54	
EW09	3/7/2017 12:44	8.5	13.2	5.1	73.2	-1.6	-10.92	45	
EW09	3/29/2017 11:43	10.7	11.9	5.4	72.0	-2.1	-10.78	51	
EW09	4/13/2017 12:56	15.2	13.0	4.0	67.8	-2.2	-11.14	62	
EW09	4/27/2017 11:37	13.0	11.9	5.6	69.5	-1.1	-9.37	65	
EW09	5/9/2017 11:46	14.4	12.1	4.3	69.2	0.1	0.19	79	
EW09	5/23/2017 12:05	11.9	12.3	4.4	71.4	-0.8	-7.18	71	
EW09	6/6/2017 10:42	9.7	12.0	5.1	73.2	-1.1	-17.57	86	
EW09	6/16/2017 13:00	6.5	12.1	6.0	75.4	-1.2	-17.42	73	
EW09	7/14/2017 13:01	3.9	11.8	4.4	79.9	-1.0	-16.58	96	
EW09	7/24/2017 11:04	4.2	12.4	4.5	78.9	-1.0	-16.59	78	
EW09	8/8/2017 11:31	2.9	13.3	4.7	79.1	-0.7	-15.60	97	
EW09	8/30/2017 12:24	2.6	14.6	4.6	78.2	-0.7	-13.55	77	



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Eastgate Area Properties Landfill

GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Init Static Pressure ("H2O)	System Pressure ("H2O)	Init Temp (F)	Comments
EW09	9/6/2017 13:08	2.6	14.3	4.1	79.0	-0.6	-13.00	95	
EW09	9/24/2017 13:11	2.2	14.8	4.2	78.8	-0.8	-17.09	84	
EW09	10/12/2017 16:16	1.8	16.6	2.4	79.2	-0.5	-11.67	51	
EW09	10/30/2017 13:37	1.5	14.7	4.9	78.9	-0.8	-17.14	61	
EW09	11/20/2017 12:56	3.8	14.3	5.3	76.6	-2.5	-18.76	66	
EW09	11/30/2017 11:20	6.6	15.1	4.8	73.5	-3.3	-31.25	52	
EW09	12/7/2017 12:57	6.1	15.2	4.9	73.8	-3.0	-26.97	65	
EW09	12/28/2017 11:52	8.8	16.6	3.0	71.6	-2.2	-12.58	45	
EW10	1/10/2017 10:06	57.7	15.6	2.9	23.8	-6.7	-6.66	36	
EW10	1/31/2017 11:29	11.9	4.1	14.1	69.9	-19.8	-18.75	55	
EW10	2/14/2017 12:13	57.0	5.3	0.0	37.7	-1.1	-0.08	59	
EW10	2/28/2017 13:53	81.7	4.8	0.8	12.7	-3.2	-0.08	51	
EW10	3/7/2017 12:30	74.4	4.4	0.0	21.2	-2.0	0.61	41	
EW10	3/29/2017 11:39	76.8	4.7	0.0	18.5	-1.5	0.34	52	
EW10	4/13/2017 12:53	78.7	5.0	0.0	16.3	-1.5	-0.06	61	
EW10	4/27/2017 11:28	2.5	0.7	19.4	77.4	-7.9	-7.48	73	
EW10	5/9/2017 11:36	28.7	4.1	4.7	62.5	-1.9	-1.21	82	
EW10	5/23/2017 11:45	57.6	11.5	2.0	28.9	-6.2	-6.21	82	
EW10	6/6/2017 10:09	20.6	12.4	0.7	66.3	-13.6	-13.62	74	
EW10	6/16/2017 12:14	15.9	14.6	0.0	69.5	-13.2	-13.29	80	
EW10	7/14/2017 11:53	10.3	17.1	0.0	72.6	-10.7	-11.02	93	
EW10	7/24/2017 11:08	10.5	16.5	0.0	73.0	-10.9	-11.60	80	
EW10	8/8/2017 11:25	8.4	18.3	0.0	73.3	-10.8	-11.54	95	
EW10	8/30/2017 11:25	8.0	19.5	0.1	72.4	-10.8	-11.75	78	
EW10	9/6/2017 12:29	8.1	19.3	0.0	72.6	-10.3	-11.18	95	
EW10	9/24/2017 12:12	7.7	19.5	0.0	72.8	-10.1	-11.23	89	
EW10	10/12/2017 13:15	6.8	20.8	0.0	72.4	-11.3	-12.53	63	
EW10	10/30/2017 13:13	5.6	18.1	1.4	74.9	-9.0	-10.13	67	
EW10	11/20/2017 12:48	8.0	14.8	4.0	73.2	-10.0	-10.82	66	



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Eastgate Area Properties Landfill

GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Init Static Pressure ("H2O)	System Pressure ("H2O)	Init Temp (F)	Comments
EW10	11/30/2017 10:32	30.3	12.0	0.1	57.6	-1.5	-0.09	50	
EW10	11/30/2017 10:51	15.4	17.0	0.4	67.2	-2.4	-0.56	63	
EW10	12/7/2017 12:31	25.2	7.2	7.5	60.1	-5.2	-4.98	64	
EW10	12/28/2017 11:10	61.2	11.2	0.8	26.8	-2.8	-2.10	53	
EW11	1/10/2017 10:02	52.3	24.1	0.0	23.6	-4.9	-4.83	33	
EW11	1/31/2017 11:26	21.7	20.5	0.0	57.8	-7.3	-11.48	55	
EW11	2/14/2017 12:10	71.7	28.2	0.0	0.1	-0.5	0.50	62	
EW11	2/28/2017 13:49	74.8	25.1	0.0	0.1	-0.9	0.29	52	
EW11	3/7/2017 12:28	74.2	24.6	1.1	0.1	-1.5	-0.26	42	
EW11	3/29/2017 11:31	77.1	22.8	0.0	0.1	-0.9	0.21	52	
EW11	4/13/2017 12:50	76.3	23.0	0.5	0.2	-0.5	-0.30	60	
EW11	4/27/2017 11:24	68.7	22.7	0.0	8.6	-1.8	-0.04	73	
EW11	5/9/2017 11:33	74.3	25.6	0.0	0.1	-0.6	0.05	80	
EW11	5/23/2017 13:35	25.3	20.8	0.0	53.9	-10.3	-14.92	71	
EW11	6/6/2017 10:06	13.3	19.4	0.5	66.8	-8.0	-13.31	74	
EW11	6/16/2017 12:07	12.3	20.3	0.1	67.3	-8.4	-12.93	74	
EW11	7/14/2017 11:49	14.1	19.8	0.3	65.8	-5.5	-10.89	89	
EW11	7/24/2017 11:39	16.1	18.6	0.0	65.3	-5.5	-11.31	80	
EW11	8/8/2017 11:21	14.9	20.9	0.2	64.0	-5.3	-4.86	94	
EW11	8/30/2017 11:21	14.8	22.2	0.4	62.6	-5.3	-11.66	80	
EW11	9/6/2017 12:26	15.5	16.1	9.7	58.7	-4.9	-11.11	93	
EW11	9/24/2017 12:08	14.3	21.0	1.0	63.7	-4.6	-11.14	87	
EW11	10/12/2017 13:12	12.9	23.3	0.4	63.4	-10.3	-12.52	61	
EW11	10/30/2017 13:11	9.5	19.4	2.4	68.7	-8.5	-9.67	68	
EW11	11/20/2017 12:44	15.9	20.6	1.6	61.9	-5.4	-6.44	66	
EW11	11/30/2017 10:29	25.3	23.6	0.0	51.1	-0.7	-0.06	52	
EW11	12/7/2017 12:27	29.3	23.8	0.0	46.9	-0.7	0.02	63	
EW11	12/28/2017 11:07	52.0	27.1	0.0	20.9	0.3	-0.18	54	
EW12	1/10/2017 10:00	0.0	0.1	20.0	79.9	-2.1	-6.35	36	



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Eastgate Area Properties Landfill

GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Init Static Pressure ("H2O)	System Pressure ("H2O)	Init Temp (F)	Comments
EW12	1/31/2017 11:22	0.0	0.1	20.9	79.0	-3.9	-14.38	54	
EW12	2/14/2017 12:08	55.6	22.6	0.0	21.8	-0.6	0.52	58	
EW12	2/28/2017 13:47	43.4	15.9	6.4	34.3	-0.6	-0.05	51	
EW12	3/7/2017 12:25	71.5	22.1	0.0	6.4	-0.5	-0.48	41	
EW12	3/29/2017 11:29	79.0	18.4	0.0	2.6	0.1	-0.26	53	
EW12	4/13/2017 12:47	76.9	19.5	0.0	3.6	0.0	-0.17	60	
EW12	4/27/2017 11:21	0.0	0.1	21.1	78.8	-1.1	-0.59	66	
EW12	5/9/2017 11:29	54.1	22.2	0.0	23.7	0.4	0.16	78	
EW12	5/23/2017 11:41	0.0	0.5	20.1	79.4	-2.4	-6.14	84	
EW12	6/6/2017 10:02	0.0	0.3	20.1	79.6	-3.4	-13.04	74	
EW12	6/16/2017 12:04	0.0	0.2	20.9	78.9	-3.7	-12.91	78	
EW12	7/14/2017 11:41	0.0	0.2	19.7	80.1	-2.3	-10.91	93	
EW12	7/24/2017 11:37	0.1	0.6	18.9	80.4	0.0	-11.19	77	
EW12	8/8/2017 11:18	0.0	0.2	19.8	80.0	-2.1	-11.23	92	
EW12	8/30/2017 11:12	0.0	0.1	20.5	79.4	-2.2	-11.45	78	
EW12	9/6/2017 12:23	0.0	0.2	19.5	80.3	-1.9	-10.82	92	
EW12	9/24/2017 12:06	0.0	0.7	20.2	79.1	-1.9	-11.04	86	
EW12	10/12/2017 13:09	2.5	20.5	1.7	75.3	-2.2	-13.73	60	
EW12	10/30/2017 13:08	0.0	0.4	20.5	79.1	-1.6	-9.59	68	
EW12	11/20/2017 12:42	4.4	19.1	0.0	76.5	-2.2	-5.88	66	
EW12	11/30/2017 10:26	25.6	21.6	0.2	52.6	-1.1	-0.16	52	
EW12	12/7/2017 12:24	22.2	22.4	0.0	55.4	0.0	0.01	63	
EW12	12/28/2017 11:04	35.0	23.2	0.0	41.8	0.2	0.17	54	
EW13	1/10/2017 9:57	4.2	17.3	1.0	77.5	-4.0	-5.84	42	
EW13	1/31/2017 11:19	11.5	22.5	3.1	62.9	-0.5	-14.20	54	
EW13	2/14/2017 12:03	32.2	18.7	0.3	48.8	0.0	-0.02	53	
EW13	2/28/2017 13:45	46.7	20.7	0.0	32.6	-5.1	0.00	51	
EW13	3/7/2017 12:23	71.0	22.2	0.0	6.8	-3.6	-0.78	42	
EW13	3/29/2017 11:26	76.3	18.2	3.6	1.9	-3.6	-0.06	54	



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Eastgate Area Properties Landfill

GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Init Static Pressure ("H2O)	System Pressure ("H2O)	Init Temp (F)	Comments
EW13	4/13/2017 12:45	77.7	19.0	0.0	3.3	-3.9	-0.14	60	
EW13	4/27/2017 11:19	11.4	19.0	0.0	69.6	-1.6	-0.72	67	
EW13	5/9/2017 11:26	53.5	22.1	0.0	24.4	-3.6	0.09	74	
EW13	5/23/2017 11:38	2.3	17.4	2.5	77.8	-3.6	-6.19	83	
EW13	6/6/2017 9:58	1.9	12.6	9.5	76.0	-3.2	-12.98	72	
EW13	6/16/2017 11:59	1.8	11.3	10.7	76.2	-4.0	-12.85	69	
EW13	7/14/2017 11:38	0.9	9.0	11.1	79.0	-3.7	-10.87	90	
EW13	7/24/2017 11:31	1.1	8.6	10.3	80.0	-1.0	-11.05	78	
EW13	8/8/2017 11:15	0.8	9.1	11.0	79.1	-1.2	-11.46	89	
EW13	8/30/2017 11:08	1.0	10.0	10.9	78.1	-1.1	-11.44	78	
EW13	9/6/2017 12:20	0.7	9.2	10.9	79.2	-1.2	-11.20	91	
EW13	9/24/2017 12:04	0.7	9.9	11.3	78.1	-1.7	-10.95	85	
EW13	10/12/2017 13:06	0.8	10.3	12.3	76.6	-2.3	-13.50	59	
EW13	10/30/2017 13:06	0.7	10.1	11.3	77.9	-0.9	-9.35	68	
EW13	11/20/2017 12:39	0.9	8.1	10.3	80.7	-3.4	-6.26	67	
EW13	11/30/2017 10:23	25.5	23.2	0.0	51.3	-2.6	-0.09	51	
EW13	12/7/2017 12:21	10.0	20.2	0.0	69.8	-3.1	-0.31	63	
EW13	12/28/2017 11:00	41.1	24.2	0.0	34.7	-3.7	-0.53	55	
EW14	1/4/2017 11:01	0.0	0.1	21.4	78.5	0.0	0.05	37	
EW14	1/31/2017 11:17	19.3	22.9	1.9	55.9	-6.1	-12.92	55	
EW14	2/14/2017 12:00	41.3	26.4	0.0	32.3	0.0	-0.05	52	
EW14	2/28/2017 13:42	59.3	20.6	1.1	19.0	-1.8	0.00	52	
EW14	3/7/2017 12:21	60.0	28.8	0.0	11.2	-3.1	-0.08	42	
EW14	3/29/2017 11:23	1.5	0.1	0.2	98.2	-3.7	-0.54	54	
EW14	4/13/2017 12:42	68.2	28.2	0.0	3.6	-2.6	-0.28	60	
EW14	4/27/2017 11:15	55.4	28.3	0.0	16.3	-3.4	-2.81	63	
EW14	5/9/2017 11:23	62.8	29.6	0.0	7.6	-0.3	-0.11	73	
EW14	5/23/2017 11:35	22.2	21.5	0.3	56.0	-1.6	-6.15	82	
EW14	6/6/2017 9:55	2.4	4.5	14.5	78.6	-1.7	-12.89	72	



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Eastgate Area Properties Landfill

GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Init Static Pressure ("H2O)	System Pressure ("H2O)	Init Temp (F)	Comments
EW14	6/16/2017 11:56	3.4	7.2	13.2	76.2	-2.0	-12.77	61	
EW14	7/14/2017 11:34	0.6	5.1	14.5	79.8	-1.2	-10.73	88	
EW14	7/24/2017 11:44	0.5	6.0	12.6	80.9	-1.0	-10.95	81	
EW14	8/8/2017 11:11	0.1	5.6	14.3	80.0	-1.0	-11.31	89	
EW14	8/30/2017 11:05	0.0	9.8	11.3	78.9	-1.0	-11.45	78	
EW14	9/6/2017 12:17	0.0	9.1	10.7	80.2	-0.6	-11.16	90	
EW14	9/24/2017 11:57	0.0	8.1	12.9	79.0	-1.0	-11.03	78	
EW14	10/12/2017 13:04	0.0	7.5	14.0	78.5	-1.7	-13.83	62	
EW14	10/30/2017 12:59	0.0	7.0	14.1	78.9	0.1	-9.52	65	
EW14	11/20/2017 12:36	0.0	8.4	9.6	82.0	-1.2	-5.69	67	
EW14	11/30/2017 10:20	34.7	24.0	0.2	41.1	-2.5	-0.07	48	
EW14	12/7/2017 12:16	36.4	24.6	0.0	39.0	-2.4	0.06	62	
EW14	12/28/2017 10:57	39.3	24.7	0.0	36.0	-3.7	-0.13	55	
EW15	1/4/2017 10:57	0.0	0.1	20.1	79.8	0.0	0.05	27	
EW15	1/31/2017 11:10	30.6	22.4	0.9	46.1	-11.0	-12.70	54	
EW15	2/21/2017 10:24	53.0	23.0	1.0	23.0	-1.7	-0.28	56	
EW15	2/28/2017 13:36	59.9	20.9	0.7	18.5	-2.8	-0.26	52	
EW15	3/7/2017 12:18	55.5	15.0	0.0	29.5	-1.8	0.33	42	
EW15	3/29/2017 11:20	62.3	12.4	0.0	25.3	-4.0	-0.23	56	
EW15	4/13/2017 12:34	76.4	18.8	0.6	4.2	-1.9	-0.27	62	
EW15	4/27/2017 11:12	61.0	18.0	0.4	20.6	-2.5	-2.44	62	
EW15	5/9/2017 11:19	58.6	16.6	0.0	24.8	-1.0	-0.15	73	
EW15	5/23/2017 11:32	38.2	20.4	1.0	40.4	-5.7	-6.04	83	
EW15	6/6/2017 9:52	17.0	18.3	1.8	62.9	-9.8	-12.65	72	
EW15	6/16/2017 11:53	13.9	18.3	2.2	65.6	-9.3	-12.50	70	
EW15	7/14/2017 11:30	11.9	16.8	2.3	69.0	-7.0	-10.39	85	
EW15	7/24/2017 11:27	12.5	15.5	1.5	70.5	-6.9	-10.76	78	
EW15	8/8/2017 11:07	10.7	16.6	2.6	70.1	-6.7	-11.08	91	
EW15	8/30/2017 11:01	9.9	16.8	3.1	70.2	-6.4	-11.46	78	



Table 2. LFG Extraction Well Monitoring Results January Through December 2017
Eastgate Area Properties Landfill

GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Init Static Pressure ("H2O)	System Pressure ("H2O)	Init Temp (F)	Comments
EW15	9/6/2017 12:14	9.6	16.3	2.7	71.4	-6.0	-11.12	90	
EW15	9/24/2017 11:54	9.1	16.7	3.1	71.1	-5.3	-11.06	78	
EW15	10/12/2017 13:01	8.0	17.3	3.7	71.0	-6.1	-13.94	59	
EW15	10/30/2017 12:54	7.4	15.3	5.0	72.3	-4.3	-9.36	66	
EW15	11/20/2017 12:33	15.8	19.3	1.0	63.9	-4.7	-6.45	68	
EW15	11/30/2017 10:16	22.4	19.2	0.1	58.3	0.0	-0.06	48	
EW15	12/7/2017 12:13	24.5	20.6	0.0	54.9	-0.1	-0.06	62	
EW15	12/28/2017 10:54	31.0	19.2	0.0	49.8	-1.8	-0.08	54	
EW16	1/4/2017 10:13	40.1	18.6	5.2	36.1	-0.2	-0.08	51	
EW16	1/31/2017 10:51	0.0	2.3	18.6	79.1	-7.5	-11.31	53	
EW16	2/14/2017 11:34	13.3	13.0	0.0	73.7	0.3	0.22	51	
EW16	2/28/2017 13:22	60.7	19.2	0.8	19.3	-0.2	-0.27	50	
EW16	3/7/2017 11:45	56.1	20.9	0.2	22.8	0.3	0.33	49	
EW16	3/29/2017 11:00	48.4	17.4	0.0	34.2	0.3	0.33	55	
EW16	4/13/2017 12:16	76.1	19.6	0.1	4.2	0.0	0.07	67	
EW16	4/27/2017 10:50	0.7	12.7	2.3	84.3	-3.0	-2.79	69	
EW16	5/9/2017 10:59	41.5	20.7	0.0	37.8	0.0	0.27	68	
EW16	5/23/2017 11:08	0.0	7.2	9.2	83.6	-3.6	-6.09	77	
EW16	6/6/2017 9:31	0.0	3.0	16.1	80.9	-5.2	-13.14	67	
EW16	6/16/2017 11:08	0.0	8.6	9.5	81.9	-2.0	-12.31	65	
EW16	7/14/2017 10:59	0.0	7.1	11.0	81.9	-1.0	-10.66	72	
EW16	7/24/2017 12:20	0.0	6.3	11.7	82.0	-0.9	-11.26	85	
EW16	8/8/2017 10:42	0.6	6.1	12.6	80.7	-0.9	-11.18	85	
EW16	8/30/2017 10:31	1.0	6.4	11.6	81.0	-1.2	-11.57	77	
EW16	9/6/2017 11:44	0.6	6.1	11.3	82.0	-0.7	-11.20	83	
EW16	9/24/2017 11:35	1.0	7.3	10.5	81.2	-0.9	-11.04	75	
EW16	10/12/2017 12:32	0.7	8.2	10.3	80.8	-1.0	-15.14	61	
EW16	10/30/2017 12:37	0.1	7.4	10.7	81.8	-1.3	-7.88	65	
EW16	11/20/2017 12:12	0.0	7.4	9.4	83.2	-1.6	-5.39	72	



Table 2. LFG Extraction Well Monitoring Results January Through December 2017
Eastgate Area Properties Landfill

GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Init Static Pressure ("H2O)	System Pressure ("H2O)	Init Temp (F)	Comments
EW16	11/30/2017 9:31	14.5	18.2	0.0	67.3	0.4	0.11	55	
EW16	12/7/2017 11:55	4.7	15.3	0.0	80.0	0.1	0.09	60	
EW16	12/28/2017 10:33	28.1	19.3	0.0	52.6	0.3	0.24	58	
EW17	1/4/2017 10:44	46.6	22.3	3.1	28.0	-0.2	-0.30	26	
EW17	1/31/2017 11:04	0.0	8.6	10.6	80.8	-9.1	-11.53	NT	
EW17	2/14/2017 11:52	0.0	11.9	4.6	83.5	0.4	0.34	52	
EW17	2/28/2017 13:31	48.8	17.7	0.6	32.9	-0.6	-0.28	51	
EW17	3/7/2017 12:13	14.1	15.0	0.0	70.9	0.5	0.34	45	
EW17	3/29/2017 11:11	1.5	12.6	0.0	85.9	0.4	0.34	54	
EW17	4/13/2017 12:25	62.4	18.8	1.3	17.5	0.0	0.04	65	
EW17	4/27/2017 11:00	0.9	9.8	5.7	83.6	-0.2	-2.44	62	
EW17	5/9/2017 11:09	30.2	15.9	0.0	53.9	0.3	0.10	72	
EW17	5/23/2017 11:17	0.0	6.8	13.6	79.6	-0.3	-6.05	61	
EW17	6/6/2017 9:41	0.0	5.8	14.6	79.6	-2.1	-12.46	59	
EW17	6/16/2017 11:43	0.0	3.3	17.0	79.7	-3.5	-12.08	59	
EW17	7/14/2017 11:15	0.0	3.6	16.3	80.1	-0.1	-10.32	76	
EW17	7/24/2017 11:18	0.2	3.4	14.9	81.5	-2.0	-10.57	79	
EW17	8/8/2017 10:53	0.0	3.1	17.1	79.8	-1.9	-11.13	86	
EW17	8/30/2017 10:45	0.0	3.6	16.4	80.0	-2.0	-11.45	77	
EW17	9/6/2017 12:01	0.0	3.0	16.2	80.8	-1.6	-11.09	87	
EW17	9/24/2017 11:50	0.0	3.5	16.6	79.9	-1.5	-10.90	82	
EW17	10/12/2017 12:51	0.0	3.5	16.5	80.0	-1.8	-14.92	60	
EW17	10/30/2017 12:46	0.0	3.8	16.9	79.3	-0.2	-8.32	69	
EW17	11/20/2017 12:23	0.0	1.7	18.1	80.2	-1.3	-5.93	68	
EW17	11/30/2017 10:12	0.0	3.8	13.6	82.6	0.4	0.36	46	
EW17	12/7/2017 12:09	0.0	5.1	12.9	82.0	0.1	0.08	61	
EW17	12/28/2017 10:46	0.0	5.3	14.1	80.6	0.3	0.32	57	
EW18	1/4/2017 10:37	62.4	27.9	0.0	9.7	0.0	-0.08	40	
EW18	1/31/2017 10:57	0.0	4.0	16.6	79.4	-10.6	-11.13	NT	



Table 2. LFG Extraction Well Monitoring Results January Through December 2017
Eastgate Area Properties Landfill

GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Init Static Pressure ("H2O)	System Pressure ("H2O)	Init Temp (F)	Comments
EW18	2/14/2017 11:40	0.0	13.5	0.8	85.7	0.0	-0.05	55	
EW18	2/28/2017 13:28	0.0	11.7	3.1	85.2	-0.5	-0.54	51	
EW18	3/7/2017 12:10	46.5	17.1	0.0	36.4	0.3	0.34	51	
EW18	3/29/2017 11:07	55.9	21.1	0.0	23.0	0.3	-42.03	58	
EW18	4/13/2017 12:22	74.4	21.4	0.0	4.2	0.0	0.03	66	
EW18	4/27/2017 10:56	0.0	5.5	15.1	79.4	-2.4	-2.38	72	
EW18	5/9/2017 11:04	37.6	20.4	0.0	42.0	0.2	0.28	73	
EW18	5/23/2017 11:14	0.0	3.4	17.5	79.1	-5.9	-6.04	67	
EW18	6/6/2017 9:36	0.0	3.3	16.7	80.0	-12.2	-12.94	66	
EW18	6/16/2017 11:38	0.0	3.4	16.3	80.3	-11.5	-12.04	65	
EW18	7/14/2017 11:07	0.0	2.4	17.8	79.8	-9.8	-10.21	80	
EW18	7/24/2017 11:51	0.1	3.7	14.8	81.4	-9.9	-10.43	85	
EW18	8/8/2017 10:50	0.0	2.6	18.0	79.4	-10.3	-10.96	86	
EW18	8/30/2017 10:39	0.0	2.2	18.2	79.6	-10.4	-11.34	77	
EW18	9/6/2017 11:58	0.0	2.5	17.0	80.5	-10.1	-11.05	86	
EW18	9/24/2017 11:41	0.0	3.0	18.4	78.6	-10.1	-11.01	77	
EW18	10/12/2017 12:48	0.0	0.2	20.1	79.7	-12.8	-14.83	63	
EW18	10/30/2017 12:42	0.0	0.4	21.5	78.1	-7.3	-7.75	68	
EW18	11/20/2017 12:19	0.0	0.3	20.6	79.1	-6.1	-7.76	70	
EW18	11/30/2017 10:03	7.3	16.7	0.0	76.0	0.4	0.37	54	
EW18	12/7/2017 12:00	4.7	15.4	0.1	79.8	0.1	0.05	60	
EW18	12/28/2017 10:41	17.4	19.3	0.0	63.3	0.2	0.17	58	
EW19	1/4/2017 10:48	8.8	9.1	8.3	73.8	0.0	1.87	39	
EW19	1/31/2017 11:50	17.8	15.7	5.4	61.1	-7.9	-19.09	54	
EW19	2/14/2017 12:22	28.0	17.3	2.0	52.7	0.0	0.05	55	
EW19	2/28/2017 13:58	38.5	19.2	0.4	41.9	0.0	-0.09	53	
EW19	3/7/2017 12:37	18.4	13.8	5.2	62.6	-1.1	-0.97	44	
EW19	3/29/2017 11:15	43.2	17.5	0.2	39.1	0.0	0.00	57	
EW19	4/13/2017 12:30	41.4	17.7	0.8	40.1	0.0	-0.04	63	



Table 2. LFG Extraction Well Monitoring Results January Through December 2017
Eastgate Area Properties Landfill

GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Init Static Pressure ("H2O)	System Pressure ("H2O)	Init Temp (F)	Comments
EW19	4/27/2017 11:04	35.4	16.7	0.0	47.9	-0.8	-1.10	65	
EW19	5/9/2017 11:14	24.0	15.8	0.7	59.5	0.1	0.11	74	
EW19	5/23/2017 11:26	23.6	14.5	3.2	58.7	-3.5	-7.21	84	
EW19	6/6/2017 9:47	17.3	13.5	4.6	64.6	-6.0	-17.93	71	
EW19	6/16/2017 11:49	14.3	13.9	5.1	66.7	-6.1	-18.01	75	
EW19	7/14/2017 11:19	11.4	14.4	4.4	69.8	-5.2	-16.43	83	
EW19	7/24/2017 11:15	12.1	13.8	3.1	71.0	-5.3	-16.91	81	
EW19	8/8/2017 10:59	10.2	15.3	3.9	70.6	-5.0	-16.01	88	
EW19	8/30/2017 10:56	9.9	16.3	3.7	70.1	-4.7	-14.10	78	
EW19	9/6/2017 12:10	9.9	16.4	3.2	70.5	-4.4	-13.84	90	
EW19	9/24/2017 11:46	9.3	16.5	3.6	70.6	-4.4	-14.31	82	
EW19	10/12/2017 12:56	9.2	17.6	3.7	69.5	-8.6	-11.79	57	
EW19	10/30/2017 12:49	6.7	16.0	4.7	72.6	-4.3	-16.89	70	
EW19	11/20/2017 12:28	10.2	16.0	1.3	72.5	-2.1	-4.66	68	
EW19	11/30/2017 10:07	16.1	18.7	0.0	65.2	0.3	0.24	48	
EW19	12/7/2017 12:04	21.6	18.9	0.9	58.6	0.0	0.02	61	
EW19	12/28/2017 10:48	27.4	21.1	0.0	51.5	0.1	0.11	55	
EW20	1/10/2017 10:10	21.9	14.2	3.7	60.2	-8.1	-8.09	34	
EW20	1/31/2017 11:46	0.4	0.6	20.7	78.3	-12.5	-23.47	54	
EW20	2/14/2017 12:18	4.8	7.7	10.1	77.4	0.0	0.07	54	
EW20	2/28/2017 13:56	18.8	9.4	6.4	65.4	-1.7	0.81	53	
EW20	3/7/2017 12:32	17.1	8.7	6.5	67.7	-0.9	-0.78	44	
EW20	3/29/2017 11:34	17.5	6.7	7.0	68.8	0.0	0.12	54	
EW20	4/13/2017 12:38	17.9	6.6	6.9	68.6	0.0	-0.20	61	
EW20	4/27/2017 11:33	32.1	9.5	3.2	55.2	-1.7	-1.49	69	
EW20	5/9/2017 11:40	20.5	6.6	6.8	66.1	0.0	0.19	77	
EW20	5/23/2017 11:29	2.5	2.3	18.2	77.0	-7.2	-7.21	85	
EW20	6/6/2017 10:13	0.2	4.3	14.5	81.0	-1.3	-17.78	75	
EW20	6/16/2017 12:18	1.1	4.6	15.8	78.5	-1.5	-18.01	81	



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Eastgate Area Properties Landfill

GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Init Static Pressure ("H2O)	System Pressure ("H2O)	Init Temp (F)	Comments
EW20	7/14/2017 11:58	2.0	5.3	13.1	79.6	-1.0	-16.43	93	
EW20	7/24/2017 11:10	3.0	6.6	10.7	79.7	-1.1	-16.96	82	
EW20	8/8/2017 11:04	2.0	7.1	11.7	79.2	-0.9	-16.08	92	
EW20	8/30/2017 10:51	0.8	7.4	11.9	79.9	-0.9	-14.33	77	
EW20	9/6/2017 12:32	2.0	8.8	9.2	80.0	-0.6	-13.83	95	
EW20	9/24/2017 12:15	1.8	8.8	10.0	79.4	-0.8	-14.36	87	
EW20	10/12/2017 13:18	1.2	9.4	11.3	78.1	-0.9	-14.69	63	
EW20	10/30/2017 13:16	1.6	7.6	12.2	78.6	-0.6	-17.51	68	
EW20	11/20/2017 12:52	0.4	10.3	6.3	83.0	-1.5	-4.72	67	
EW20	12/7/2017 12:35	18.9	17.1	0.1	63.9	-1.1	-0.12	64	
EW20	12/28/2017 11:14	6.7	15.4	0.1	77.8	-0.1	-0.14	53	
EW21	1/10/2017 10:15	2.5	20.8	0.0	76.7	-1.4	-8.22	36	
EW21	1/31/2017 12:01	0.6	19.4	3.1	76.9	-2.1	-25.69	54	
EW21	2/14/2017 12:39	0.8	18.4	3.3	77.5	-1.3	-31.72	57	
EW21	2/28/2017 14:09	0.9	20.4	0.5	78.2	-2.9	-11.42	53	
EW21	3/7/2017 12:56	1.0	20.3	0.4	78.3	-4.5	-10.60	44	
EW21	3/29/2017 11:47	1.6	18.5	0.0	79.9	-2.8	-10.89	51	
EW21	4/13/2017 13:00	1.7	18.2	0.2	79.9	-5.2	-10.87	64	
EW21	4/27/2017 11:50	1.4	17.6	0.4	80.6	-1.7	-9.54	67	
EW21	5/9/2017 11:50	1.5	15.7	1.6	81.2	-1.0	-10.19	79	
EW21	5/23/2017 12:08	0.8	17.0	0.2	82.0	-2.5	-7.15	69	
EW21	6/6/2017 10:37	0.3	16.2	2.2	81.3	-3.1	-18.22	76	
EW21	6/16/2017 12:47	0.1	18.5	1.9	79.5	-4.0	-18.18	69	
EW21	7/14/2017 12:40	0.0	14.3	2.3	83.4	-2.9	-17.45	103	
EW21	7/24/2017 11:01	0.3	16.2	1.7	81.8	0.0	-17.25	78	
EW21	8/8/2017 11:35	0.2	18.4	0.5	80.9	-1.3	-16.10	96	
EW21	9/6/2017 12:54	0.2	18.6	0.7	80.5	-0.8	-14.10	92	
EW21	9/24/2017 12:57	0.2	17.9	0.7	81.2	-1.4	-17.90	76	
EW21	10/12/2017 16:13	1.4	19.6	0.2	78.8	-2.2	-12.38	58	



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Eastgate Area Properties Landfill

GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Init Static Pressure ("H2O)	System Pressure ("H2O)	Init Temp (F)	Comments
EW21	10/30/2017 13:35	0.5	18.0	1.0	80.5	-3.2	-17.78	70	
EW21	11/20/2017 13:08	0.6	15.6	2.3	81.5	-2.9	-27.73	65	
EW21	12/7/2017 12:54	1.2	19.7	0.7	78.4	-5.4	-29.39	64	
EW21	12/28/2017 11:39	4.2	20.4	0.0	75.4	-3.9	-12.66	45	
EW02R	1/4/2017 11:43	63.0	27.8	0.0	9.2	0.0	-0.07	36	
EW02R	1/31/2017 12:34	2.8	9.7	11.7	75.8	-10.4	-12.65	56	
EW02R	2/14/2017 13:14	0.0	13.3	0.4	86.3	0.0	0.06	57	
EW02R	2/28/2017 14:24	0.0	15.0	0.6	84.4	-0.3	-0.36	50	
EW02R	3/7/2017 13:03	55.6	22.2	0.0	22.2	-0.1	-0.15	48	
EW02R	3/29/2017 12:14	52.7	18.6	0.0	28.7	0.0	-0.06	55	
EW02R	4/13/2017 13:25	70.9	18.6	0.8	9.7	0.0	-0.02	54	
EW02R	4/27/2017 12:20	5.3	11.3	9.3	74.1	-2.4	-2.35	58	
EW02R	5/9/2017 12:12	50.6	22.2	0.0	27.2	0.5	0.18	76	
EW02R	5/23/2017 12:28	2.8	9.7	9.0	78.5	-5.3	-5.74	70	
EW02R	6/6/2017 10:18	1.5	8.6	10.2	79.7	-10.7	-12.09	64	
EW02R	6/16/2017 12:24	0.9	7.9	12.1	79.1	-10.7	-12.06	64	
EW02R	7/14/2017 12:13	0.8	7.1	11.1	81.0	-8.9	-10.04	68	
EW02R	7/24/2017 11:55	1.1	7.4	10.2	81.3	-9.2	-10.45	86	
EW02R	8/8/2017 12:18	0.7	6.3	10.7	82.3	-9.7	-11.07	71	
EW02R	8/30/2017 11:30	0.3	3.0	17.3	79.4	-10.0	-11.54	67	
EW02R	9/6/2017 12:38	0.0	0.2	19.1	80.7	-9.5	-10.99	68	
EW02R	9/24/2017 12:20	0.0	0.4	19.7	79.9	-9.5	-10.92	67	
EW02R	10/12/2017 13:28	0.0	0.1	21.7	78.2	-11.0	-12.78	66	
EW02R	10/30/2017 13:21	0.0	0.3	20.1	79.6	-7.8	-8.91	66	
EW02R	11/20/2017 13:14	0.3	5.4	13.2	81.1	-0.9	-0.84	67	
EW02R	11/30/2017 10:56	7.6	17.2	0.4	74.8	0.1	0.12	60	
EW02R	12/7/2017 12:40	14.7	17.7	2.7	64.9	0.2	0.05	65	
EW02R	12/28/2017 11:23	29.8	21.0	0.0	49.2	0.3	0.40	48	
EW03R	1/4/2017 11:40	7.1	15.5	2.9	74.5	-7.8	-8.03	53	



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Eastgate Area Properties Landfill

GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Init Static Pressure ("H2O)	System Pressure ("H2O)	Init Temp (F)	Comments
EW03R	1/31/2017 12:31	2.1	10.7	9.3	77.9	-23.2	-23.37	56	
EW03R	2/14/2017 13:10	3.2	12.2	6.4	78.2	-15.0	-15.20	58	
EW03R	2/28/2017 14:29	7.4	17.2	1.5	73.9	-4.8	-4.83	46	
EW03R	3/7/2017 13:08	5.4	14.5	4.5	75.6	-11.0	-11.16	47	
EW03R	3/29/2017 12:11	12.2	16.3	2.6	68.9	-7.7	-7.75	54	
EW03R	4/13/2017 13:22	8.3	15.0	3.1	73.6	-4.2	-4.23	61	
EW03R	4/27/2017 12:24	8.1	14.9	3.3	73.7	-8.9	-8.85	54	
EW03R	5/9/2017 12:18	8.1	14.3	2.0	75.6	-9.5	-9.40	79	
EW03R	5/23/2017 12:32	9.4	16.5	1.0	73.1	-5.9	-6.02	71	
EW03R	6/6/2017 10:24	3.4	13.1	4.3	79.2	-16.5	-16.63	61	
EW03R	6/16/2017 12:28	2.5	13.5	5.3	78.7	-16.7	-16.71	61	
EW03R	7/14/2017 12:20	2.3	13.1	4.9	79.7	-15.2	-15.42	80	
EW03R	7/24/2017 12:00	2.8	12.4	4.3	80.5	-15.7	-15.90	84	
EW03R	8/8/2017 12:22	2.4	9.8	7.8	80.0	-14.9	-15.45	68	
EW03R	8/30/2017 11:36	0.0	0.1	20.4	79.5	-11.8	-11.78	66	
EW03R	9/6/2017 12:42	0.0	0.1	19.2	80.7	-11.3	-11.42	68	
EW03R	9/24/2017 12:37	0.0	1.0	18.7	80.3	-11.5	-11.63	65	
EW03R	10/12/2017 13:31	0.0	0.1	21.7	78.2	-13.4	-13.72	52	
EW03R	10/30/2017 13:24	0.0	0.1	20.3	79.6	-15.9	-16.29	63	
EW03R	11/20/2017 13:19	0.0	0.2	21.1	78.7	-4.6	-4.45	67	
EW03R	11/30/2017 11:00	2.3	13.1	6.9	77.7	-6.5	-6.32	53	
EW03R	12/7/2017 12:44	3.4	14.7	4.2	77.7	-9.5	-9.32	65	
EW03R	12/28/2017 11:27	17.0	21.2	0.0	61.8	0.2	0.14	44	
EW04R	1/4/2017 11:36	0.0	0.0	21.4	78.6	-1.4	-7.41	74	
EW04R	1/31/2017 12:27	0.0	0.0	20.9	79.1	-4.1	-23.08	56	
EW04R	2/14/2017 13:06	1.0	5.7	13.7	79.6	-27.7	-27.73	57	
EW04R	2/28/2017 14:34	0.0	0.1	21.4	78.5	-2.3	-10.47	64	
EW04R	3/7/2017 13:12	0.7	3.1	17.2	79.0	-5.6	-10.57	47	
EW04R	3/29/2017 12:08	1.7	6.3	12.9	79.1	-2.7	-10.35	54	



Table 2. LFG Extraction Well Monitoring Results January Through December 2017
Eastgate Area Properties Landfill

GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Init Static Pressure ("H2O)	System Pressure ("H2O)	Init Temp (F)	Comments
EW04R	4/13/2017 13:18	2.0	6.7	12.4	78.9	-2.2	-10.19	61	
EW04R	4/27/2017 12:27	1.6	6.8	12.2	79.4	-9.2	-8.47	62	
EW04R	5/9/2017 12:23	1.5	6.9	11.8	79.8	-1.9	-7.72	81	
EW04R	5/23/2017 12:36	0.6	7.0	11.2	81.2	-1.4	-6.09	72	
EW04R	6/6/2017 10:28	0.0	0.2	19.7	80.1	-2.2	-16.72	66	
EW04R	6/16/2017 12:33	0.0	0.3	20.7	79.0	-2.9	-16.61	68	
EW04R	7/14/2017 12:30	0.0	0.2	18.6	81.2	-2.3	-15.19	72	
EW04R	7/24/2017 12:04	0.1	0.9	18.0	81.0	-2.3	-15.77	85	
EW04R	8/8/2017 12:27	0.0	0.2	19.0	80.8	-2.0	-15.09	99	
EW04R	8/30/2017 11:45	0.0	0.1	20.3	79.6	-1.7	-11.85	77	
EW04R	9/6/2017 12:47	0.0	0.0	19.3	80.7	-1.6	-11.46	93	
EW04R	9/24/2017 12:42	0.0	0.0	19.7	80.3	-1.9	-11.58	80	
EW04R	10/12/2017 13:35	0.0	0.1	21.9	78.0	-2.0	-10.98	76	
EW04R	10/30/2017 13:28	0.1	2.4	17.8	79.7	-1.0	-15.57	67	
EW04R	11/20/2017 13:24	0.3	4.2	16.2	79.3	-1.4	-14.42	66	
EW04R	11/30/2017 11:04	1.2	11.8	7.6	79.4	-1.4	-13.69	51	
EW04R	12/7/2017 12:47	1.3	11.8	6.9	80.0	-1.0	-8.98	65	
EW04R	12/28/2017 11:31	13.0	14.6	0.0	72.4	0.0	0.06	45	
EW05R	1/4/2017 11:32	0.0	7.0	13.4	79.6	-7.8	-8.23	60	
EW05R	1/31/2017 12:18	0.0	4.2	17.1	78.7	0.1	-3.90	56	
EW05R	2/14/2017 12:57	0.7	4.5	14.6	80.2	-31.0	-30.96	58	
EW05R	2/28/2017 14:38	0.0	6.7	3.6	89.7	-10.8	-10.81	50	
EW05R	3/7/2017 13:16	0.0	7.7	10.0	82.3	-11.2	-11.18	47	
EW05R	3/29/2017 12:04	0.1	0.9	20.0	79.0	-10.6	-10.62	52	
EW05R	4/13/2017 13:14	0.0	2.6	16.3	81.1	-10.5	-10.53	61	
EW05R	4/27/2017 11:47	0.0	2.3	13.7	84.0	-3.6	-9.15	64	
EW05R	5/9/2017 12:26	0.0	6.6	10.9	82.5	-9.6	-9.73	65	
EW05R	5/23/2017 12:39	0.0	6.8	11.4	81.8	-5.0	-6.60	70	
EW05R	6/6/2017 10:33	0.0	5.1	14.4	80.5	-13.2	-16.99	60	



Table 2. LFG Extraction Well Monitoring Results January Through December 2017
Eastgate Area Properties Landfill

GEM ID	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Init Static Pressure ("H2O)	System Pressure ("H2O)	Init Temp (F)	Comments
EW05R	6/16/2017 12:38	0.0	5.6	14.7	79.7	-12.9	-16.90	60	
EW05R	7/14/2017 12:35	0.0	5.1	11.7	83.2	-12.3	-16.25	64	
EW05R	7/24/2017 12:08	0.1	7.1	10.1	82.7	0.0	-17.38	87	
EW05R	8/8/2017 12:30	0.2	9.2	0.3	90.3	0.2	-13.51	90	
EW05R	8/30/2017 11:56	0.0	1.6	18.7	79.7	-8.0	-12.19	68	
EW05R	9/6/2017 12:51	0.0	0.0	19.3	80.7	-7.6	-11.76	69	
EW05R	9/24/2017 12:49	0.0	0.1	19.3	80.6	-8.7	-16.33	68	
EW05R	10/12/2017 13:51	0.0	1.4	15.4	83.2	-5.6	-10.44	53	
EW05R	10/30/2017 13:31	0.0	0.2	20.2	79.6	-9.1	-16.40	68	
EW05R	11/20/2017 13:27	0.0	0.3	21.2	78.5	-16.4	-16.39	66	
EW05R	11/30/2017 11:07	0.0	4.7	16.7	78.6	-19.5	-19.45	53	
EW05R	12/7/2017 12:50	0.0	4.9	15.8	79.3	-19.1	-19.12	64	
EW05R	12/28/2017 11:35	0.0	6.7	12.3	81.0	-8.4	-8.35	65	



Table 3. LFG Sample Port and Blower Vent Station Monitoring Results January Through December 2017
Eastgate Area Properties Landfill

Name	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	VOC (PPM)	Init Static Pressure ("H2O)	Init Flow (scfm)	Comments
Blower Inlet-4	1/4/2017 11:53	2.0	19.2	1.0	77.8	NA	-8.50	4	
Blower Inlet-4	1/31/2017 12:40	13.4	15.6	5.5	65.5	NA	-25.90	25	
Blower Inlet-4	2/14/2017 13:20	0.6	15.2	6.0	78.2	NA	-32.10	0	
Blower Inlet-4	2/28/2017 14:45	0.8	17.6	2.9	78.7	NA	-11.10	0	
Blower Inlet-4	3/7/2017 13:21	0.9	18.0	2.6	78.5	NA	-11.70	0	
Blower Inlet-4	3/29/2017 12:23	1.2	15.6	3.1	80.1	NA	-11.00	0	
Blower Inlet-4	4/13/2017 13:32	1.4	15.3	2.9	80.4	NA	-10.80	0	
Blower Inlet-4	4/27/2017 12:35	24.4	15.9	1.0	58.7	NA	-9.30	7	
Blower Inlet-4	5/9/2017 12:31	1.3	13.9	3.5	81.3	NA	-10.20	0	
Blower Inlet-4	5/23/2017 8:02	20.8	14.4	3.5	61.3	NA	-7.90	11	
Blower Inlet-4	6/6/2017 11:00	8.0	6.8	10.5	74.7	NA	-18.20	26	
Blower Inlet-4	6/16/2017 13:05	0.0	0.7	20.1	79.2	NA	-18.19	24	
Blower Inlet-4	7/14/2017 13:06	0.6	1.6	13.8	84.0	NA	-17.49	26	
Blower Inlet-4	7/24/2017 12:32	5.9	9.4	9.2	75.5	NA	-18.32	25	
Blower Inlet-4	8/8/2017 12:37	6.5	11.6	6.6	75.3	NA	-14.89	24	
Blower Inlet-4	8/30/2017 12:41	0.1	0.5	19.3	80.1	NA	-14.52	22	
Blower Inlet-4	9/6/2017 13:22	0.3	1.1	17.1	81.5	NA	-14.17	23	
Blower Inlet-4	9/24/2017 13:16	0.0	0.4	19.0	80.6	NA	-17.97	25	
Blower Inlet-4	10/12/2017 16:22	0.0	0.3	21.2	78.5	NA	-12.85	37	
Blower Inlet-4	10/30/2017 13:51	0.0	0.1	20.5	79.4	NA	-17.87	21	
Blower Inlet-4	11/20/2017 13:34	4.3	12.3	6.3	77.1	NA	-28.25	8	
Blower Inlet-4	11/30/2017 11:26	0.8	13.7	6.4	79.1	NA	-32.43	0	
Blower Inlet-4	12/7/2017 13:15	0.8	12.4	7.6	79.2	NA	-29.77	0	
Blower Inlet-4	12/28/2017 11:59	1.2	6.8	12.6	79.4	NA	-12.57	0	
Blower Inlet-6	1/4/2017 11:55	2.4	9.2	10.9	77.5	NA	-8.50	21	
Blower Inlet-6	1/31/2017 12:42	4.1	9.1	11.6	75.2	NA	-25.40	56	
Blower Inlet-6	2/14/2017 13:22	1.5	6.4	12.7	79.4	NA	-32.10	28	
Blower Inlet-6	2/28/2017 14:48	1.6	7.0	11.9	79.5	NA	-11.10	23	
Blower Inlet-6	3/7/2017 13:24	2.2	7.8	11.7	78.3	NA	-11.60	19	



Table 3. LFG Sample Port and Blower Vent Station Monitoring Results January Through December 2017
Eastgate Area Properties Landfill

Name	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	VOC (PPM)	Init Static Pressure ("H2O)	Init Flow (scfm)	Comments
Blower Inlet-6	3/29/2017 12:19	3.0	7.1	11.7	78.2	NA	-10.90	17	
Blower Inlet-6	4/13/2017 13:34	3.2	7.5	11.5	77.8	NA	-10.80	32	
Blower Inlet-6	4/27/2017 12:39	7.6	9.1	10.0	73.3	NA	-9.30	49	
Blower Inlet-6	5/9/2017 12:39	2.9	7.5	10.7	78.9	NA	-10.10	22	
Blower Inlet-6	5/23/2017 8:04	7.5	10.6	8.7	73.2	NA	-7.70	61	
Blower Inlet-6	6/6/2017 11:02	0.1	0.2	18.9	80.8	NA	-18.00	113	
Blower Inlet-6	6/16/2017 13:08	0.0	0.3	20.4	79.3	NA	-18.08	114	
Blower Inlet-6	7/14/2017 13:09	0.0	0.5	14.9	84.6	NA	-17.28	118	
Blower Inlet-6	7/24/2017 12:34	0.0	1.4	19.5	79.1	NA	-18.19	115	
Blower Inlet-6	8/8/2017 12:39	0.0	0.2	19.2	80.6	NA	-14.69	123	
Blower Inlet-6	8/30/2017 12:43	0.0	0.2	19.8	80.0	NA	-14.43	126	
Blower Inlet-6	9/6/2017 13:25	0.1	0.3	17.8	81.8	NA	-13.99	126	
Blower Inlet-6	9/24/2017 13:19	0.0	0.3	19.1	80.6	NA	-17.39	115	
Blower Inlet-6	10/12/2017 16:29	0.0	0.1	20.9	79.0	NA	-12.67	123	
Blower Inlet-6	10/30/2017 13:48	0.0	0.4	20.3	79.3	NA	-17.76	117	
Blower Inlet-6	11/20/2017 13:36	2.5	9.0	10.8	77.7	NA	-28.88	21	
Blower Inlet-6	11/30/2017 11:29	1.0	8.0	12.1	78.9	NA	-32.46	33	
Blower Inlet-6	12/7/2017 13:20	1.0	7.6	12.7	78.7	NA	-29.77	24	
Blower Inlet-6	12/28/2017 12:04	3.4	17.3	2.7	76.6	NA	-12.59	0	
Carbon Inlet	1/4/2017 11:57	2.3	9.8	10.4	77.5	21.0	5.40	25	Carbon Inlet
Carbon Inlet	1/31/2017 12:44	5.3	10.0	10.9	73.8	24.5	11.90	81	Carbon Inlet
Carbon Inlet	2/14/2017 13:24	1.5	6.9	12.4	79.2	9.0	5.10	28	Carbon Inlet
Carbon Inlet	2/28/2017 14:50	1.5	7.3	12.2	79.0	9.2	2.30	23	Carbon Inlet
Carbon Inlet	3/7/2017 13:29	2.1	8.1	11.4	78.4	9.6	1.70	19	Carbon Inlet
Carbon Inlet	3/29/2017 12:25	2.8	7.4	11.4	78.4	9.5	2.00	17	Carbon Inlet
Carbon Inlet	4/13/2017 13:37	3.2	7.8	11.0	78.0	10.5	2.10	32	Carbon Inlet
Carbon Inlet	4/27/2017 12:42	8.8	9.5	9.5	72.2	10.6	3.60	56	Carbon Inlet
Carbon Inlet	5/9/2017 12:41	2.9	7.7	10.4	79.0	10.3	2.60	22	Carbon Inlet
Carbon Inlet	5/23/2017 8:06	9.3	11.0	8.1	71.6	10.7	4.90	72	Carbon Inlet



Table 3. LFG Sample Port and Blower Vent Station Monitoring Results January Through December 2017
Eastgate Area Properties Landfill

Name	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	VOC (PPM)	Init Static Pressure ("H2O)	Init Flow (scfm)	Comments
Carbon Inlet	6/6/2017 11:04	5.1	8.7	9.4	76.8	11.5	18.40	139	Carbon Inlet
Carbon Inlet	6/16/2017 13:10	4.2	8.8	10.3	76.7	12.4	18.43	138	Carbon Inlet
Carbon Inlet	7/14/2017 13:11	3.6	8.5	7.2	80.7	12.5	18.90	144	Carbon Inlet
Carbon Inlet	7/24/2017 12:36	3.8	9.5	8.9	77.8	12.2	17.88	140	Carbon Inlet
Carbon Inlet	8/8/2017 12:42	3.3	9.4	7.3	80.0	12.6	21.03	147	Carbon Inlet
Carbon Inlet	8/30/2017 12:45	3.1	9.8	9.1	78.0	23.5	21.65	148	Carbon Inlet
Carbon Inlet	9/6/2017 13:29	3.3	10.7	7.6	78.4	28.0	21.83	149	Carbon Inlet
Carbon Inlet	9/24/2017 13:21	2.5	7.1	10.1	80.3	27.5	18.85	140	Carbon Inlet
Carbon Inlet	10/12/2017 16:31	4.2	11.5	13.1	71.2	29.0	24.36	160	Carbon Inlet
Carbon Inlet	10/30/2017 13:53	2.9	11.8	8.1	77.2	29.8	19.39	138	Carbon Inlet
Carbon Inlet	11/20/2017 13:39	3.5	10.5	8.8	77.2	29.0	8.75	29	Carbon Inlet
Carbon Inlet	11/30/2017 11:31	1.0	8.2	11.7	79.1	32.1	5.13	33	Carbon Inlet
Carbon Inlet	12/7/2017 13:23	1.0	8.1	12.0	78.9	23.0	8.72	24	Carbon Inlet
Carbon Inlet	12/28/2017 12:07	1.4	7.9	11.3	79.4	10.8	0.68	0	Carbon Inlet
Carbon Middle	1/4/2017 11:59	2.3	9.8	10.6	77.3	8.0	4.60	NA	Carbon Mid Span
Carbon Middle	1/31/2017 12:46	5.4	10.0	10.9	73.7	11.9	7.70	NA	Carbon Mid Span
Carbon Middle	2/21/2017 10:53	1.7	7.1	11.4	79.8	1.0	0.00	NA	Carbon Mid Span
Carbon Middle	2/28/2017 14:52	0.3	1.3	16.7	81.7	1.2	0.10	NA	Carbon Mid Span
Carbon Middle	3/7/2017 13:43	2.1	8.1	11.5	78.3	1.3	0.70	NA	Carbon Mid Span
Carbon Middle	3/29/2017 12:27	2.5	6.0	14.8	76.7	1.4	1.10	NA	Carbon Mid Span
Carbon Middle	4/13/2017 13:39	3.2	7.7	11.1	78.0	1.3	1.20	NA	Carbon Mid Span
Carbon Middle	4/27/2017 12:44	8.8	9.6	9.5	72.1	1.5	2.10	NA	Carbon Mid Span
Carbon Middle	5/9/2017 12:42	2.8	7.7	10.4	79.1	1.4	1.70	NA	Carbon Mid Span
Carbon Middle	5/23/2017 13:30	9.3	10.0	8.8	71.9	1.2	9.70	NA	Carbon Mid Span
Carbon Middle	6/6/2017 11:06	5.1	8.9	9.3	76.7	1.6	11.40	NA	Carbon Mid Span
Carbon Middle	6/16/2017 13:11	4.0	9.1	10.2	76.7	1.3	11.36	NA	Carbon Mid Span
Carbon Middle	7/14/2017 13:12	3.3	8.4	7.4	80.9	1.4	11.50	NA	Carbon Mid Span
Carbon Middle	7/24/2017 12:37	3.8	10.2	8.6	77.4	1.5	10.86	NA	Carbon Mid Span
Carbon Middle	8/8/2017 12:43	3.2	10.3	7.0	79.5	1.7	12.82	NA	Carbon Mid Span



Table 3. LFG Sample Port and Blower Vent Station Monitoring Results January Through December 2017
Eastgate Area Properties Landfill

Name	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	VOC (PPM)	Init Static Pressure ("H2O)	Init Flow (scfm)	Comments
Carbon Middle	8/30/2017 12:46	3.0	10.5	8.9	77.6	3.1	12.98	NA	Carbon Mid Span
Carbon Middle	9/6/2017 13:31	3.3	11.2	7.5	78.0	4.9	13.12	NA	Carbon Mid Span
Carbon Middle	9/24/2017 13:22	2.5	9.6	8.5	79.4	2.9	11.29	NA	Carbon Mid Span
Carbon Middle	10/12/2017 16:33	3.5	11.7	8.9	75.9	4.6	14.62	NA	Carbon Mid Span
Carbon Middle	10/30/2017 13:55	2.5	10.0	10.2	77.3	4.7	11.63	NA	Carbon Mid Span
Carbon Middle	11/20/2017 13:41	3.6	6.9	15.3	74.2	8.7	5.39	NA	Carbon Mid Span
Carbon Middle	11/30/2017 11:33	1.0	8.1	11.8	79.1	9.9	3.29	NA	Carbon Mid Span
Carbon Middle	12/7/2017 13:25	1.1	8.0	12.0	78.9	12.7	6.78	NA	Carbon Mid Span
Carbon Middle	12/28/2017 12:09	1.4	7.9	11.3	79.4	0.0	0.19	NA	Carbon Mid Span
Carbon Outlet	1/4/2017 12:01	2.0	8.8	19.1	70.1	0.0	-0.80	NA	Carbon Stack
Carbon Outlet	1/31/2017 12:47	5.3	9.9	10.9	73.9	0.0	3.00	NA	Carbon Stack
Carbon Outlet	2/14/2017 13:27	1.5	6.8	12.7	79.0	0.0	0.70	NA	Carbon Stack
Carbon Outlet	2/28/2017 14:54	0.2	0.5	19.7	79.6	0.0	0.30	NA	Carbon Stack
Carbon Outlet	3/7/2017 13:30	2.1	8.1	11.4	78.4	0.0	-0.10	NA	Carbon Stack
Carbon Outlet	3/29/2017 12:28	2.5	6.3	16.9	74.3	0.0	0.20	NA	Carbon Stack
Carbon Outlet	4/13/2017 13:40	3.1	7.4	12.9	76.6	0.0	0.30	NA	Carbon Stack
Carbon Outlet	4/27/2017 12:45	8.8	9.5	9.7	72.0	0.0	0.50	NA	Carbon Stack
Carbon Outlet	5/9/2017 12:43	2.5	6.5	12.4	78.6	0.0	0.60	NA	Carbon Stack
Carbon Outlet	5/23/2017 8:09	9.2	11.0	8.2	71.6	0.0	0.40	NA	Carbon Stack
Carbon Outlet	6/6/2017 11:08	5.1	8.7	9.5	76.7	0.0	3.80	NA	Carbon Stack
Carbon Outlet	6/16/2017 13:13	3.9	8.7	11.0	76.4	0.0	3.69	NA	Carbon Stack
Carbon Outlet	7/14/2017 13:14	3.3	8.4	7.3	81.0	0.0	3.54	NA	Carbon Stack
Carbon Outlet	7/24/2017 12:39	3.7	10.2	8.6	77.5	0.0	3.30	NA	Carbon Stack
Carbon Outlet	8/8/2017 12:45	2.8	9.4	7.5	80.3	0.0	4.07	NA	Carbon Stack
Carbon Outlet	8/30/2017 12:47	3.0	10.4	9.1	77.5	0.0	3.82	NA	Carbon Stack
Carbon Outlet	9/6/2017 13:32	2.9	9.2	8.3	79.6	0.0	3.93	NA	Carbon Stack
Carbon Outlet	9/24/2017 13:24	2.5	7.7	12.5	77.3	0.0	3.44	NA	Carbon Stack
Carbon Outlet	10/12/2017 16:34	3.5	11.1	9.3	76.1	0.0	4.35	NA	Carbon Stack
Carbon Outlet	10/30/2017 13:56	2.6	10.7	10.0	76.7	0.0	3.54	NA	Carbon Stack



Table 3. LFG Sample Port and Blower Vent Station Monitoring Results January Through December 2017
Eastgate Area Properties Landfill

Name	Date Time	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	VOC (PPM)	Init Static Pressure ("H2O)	Init Flow (scfm)	Comments
Carbon Outlet	11/20/2017 13:42	3.6	8.0	11.1	77.3	0.0	1.52	NA	Carbon Stack
Carbon Outlet	11/30/2017 11:35	1.0	8.3	11.6	79.1	0.0	0.92	NA	Carbon Stack
Carbon Outlet	12/7/2017 13:28	1.0	8.0	12.2	78.8	0.0	0.87	NA	Carbon Stack
Carbon Outlet	12/28/2017 12:11	1.4	8.0	11.3	79.3	0.0	0.07	NA	Carbon Stack



**Table 4. LFG Blower Vent Station Operational Runtime Data
January through December 2017
Eastgate Area Properties Landfill**

Month	Manual or Automatic Operation	Total Monthly Runtime (Hours)	Comments
Jan-17	Automatic	308	Operated 31 days for 10 hours each day (-2 hrs)
Feb-17	Automatic	280	Operated 28 days for 10 hours each day
Mar-17	Automatic	310	Operated 31 days for 10 hours each day
Apr-17	Automatic	300	Operated 30 days for 10 hours each day
May-17	Automatic	310	Operated 31 days for 10 hours each day
Jun-17	Automatic	300	Operated 30 days for 10 hours each day
Jul-17	Automatic	310	Operated 31 days for 10 hours each day
Aug-17	Automatic	310	Operated 31 days for 10 hours each day
Sep-17	Automatic	300	Operated 30 days for 10 hours each day
Oct-17	Automatic	310	Operated 31 days for 10 hours each day
Nov-17	Automatic	300	Operated 30 days for 10 hours each day
Dec-17	Automatic	310	Operated 31 days for 10 hours each day
Total Operational Runtime for 2017:		3648.00	



