

March 11, 2022
File No. 07222003.00.00

Mr. Tomas Purcell

City of Bellevue
2901 115th Avenue NE
Bellevue, Washington 98004

Subject: 2021 Annual Summary Report for Operation and Monitoring of the Landfill Gas (LFG)
Migration Control Facilities at the Eastgate Area Properties Landfill, Bellevue,
Washington

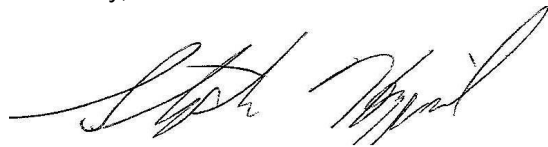
Dear Mr. Purcell:

SCS Field Services (SCS) is pleased to provide an annual summary report on operation and monitoring (O&M) activities on the subject system from the months of January 2021 through December 2021. SCS performed O&M services at the City of Bellevue (COB) Eastgate Area Properties landfill gas collection and control system (GCCS).

The information provided in this 2021 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.

Sincerely,



Stephen Harquail
Project Manager
SCS Field Services



Anton Z. Svorinich
Region Manager / VP
SCS Field Services

cc: Tom Purcell, Mark Schwisow

Pamela Fehrman

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





Eastgate Landfill 2021 Annual Summary Report

Mr. Tom Purcell
City of Bellevue
2901 115th Avenue NE
Bellevue, WA 98004

SCS FIELD SERVICES

07222003.00 March 11, 2022

Stephen Harquail, Project Manager
15940 SW 72nd Avenue
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Eastgate Landfill Annual Summary Report 2021

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 gas collection and control system (GCCS) consists of 2 Lampson blowers, 1 blower/carbon vent system, 20 vertical landfill gas (LFG) extraction wells, 14 subsurface gas migration monitoring wells, 13 condensate drain traps, and below grade lateral and main header piping systems.

Throughout 2021, 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-5000 Gas Analyzer or comparable unit. These instruments measure combustible gas concentrations in air directly on one 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-5000 Gas Analyzer. Testing for volatile organic compounds (VOC) at the blower vent station was performed using a MiniRAE 2000 portable VOC monitor. All instruments were calibrated prior to each monitoring event.

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 2021 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 daily timer- controlled operation of the blower vent station and on-going monthly GCCS and extraction well adjustments, the monthly testing indicated that, all monitoring wells exhibited methane gas concentrations below 5 percent by volume or no methane gas was detected.

SCS observed slightly elevated methane gas concentrations detected at MW-2S,M,and D, MW-3M and D, and MW-4M but had remained below 5 percent by volume during all monthly testing events. Test results for the entire 2021-year and locations are shown on attached data Table 1 and location Figure 1, respectively.

Consistent with previous historical 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.

The below grade GCCS repair project completed in 2020 resulted in allowing the condensate to drain properly to the new locations and is pumped out to a designated discharge point. This project also resulted in an increase of system vacuum across the West side LFG extraction wells resulting in an increase of negative relative pressure to Perimeter Monitoring Well Nos. MW-2, MW-3 and MW-4. The total amount of condensate manually pumped out of the new Condensate Trap No. CT-5R was 102.4 gallons for the year 2021.

During this reporting period, January 2021 through December 2021, no other major repairs or

modifications were needed or required on the LFG perimeter monitoring well network.

LFG EXTRACTION WELLS

In accordance with the approved 2021 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 an 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 fluctuating methane gas concentrations detected at perimeter Monitoring Well Nos. MW-2, MW-3, and MW-4 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 2021 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.

During this reporting period, January 2021 through December 2021, no other additional repairs or modifications were needed or required on the LFG extraction well network.

LFG COLLECTION SYSTEM

In accordance with the approved 2021 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. In addition, SCS collected data in 2021 that indicates a below grade pipeline settlement issue along the East side that had resulted in a reduction of vacuum and as a result of this occurrence, had decreased or no available vacuum to some of the LFG extraction wells.

Review of vacuum profile data (during winter months) and liquid level data collected in 2021 continues to indicate that Condensate Drain Trap Nos. CT-1, CT-2, CT-3, CT-8 and CT-10 became inundated with liquid inhibiting condensate to drain freely from the main LFG pipelines. The results of this occurrence have historically been reduced vacuum to LFG Extraction Well Nos. 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 consistent daily operation of the blower vent station, LFG collection system vacuum decreases were observed to be less during the 2021 winter months. This resulted in maintaining all perimeter monitoring well locations below 5 percent by volume methane gas concentrations throughout the entire 2021 reporting year.

During 2021, SCS observed an increase of available system vacuum to LFG Extraction Well Nos. EW-02R, EW-03R, EW-4R and EW-5R and this is allowing the condensate to drain properly from the main LFG pipelines to Condensate Drain Trap No. CT-5R which was installed and activated in 2020. In addition, an evaluation of Condensate Drain Trap Nos. CT-1 and CT-2 and potential below grade pipe sloping issues on the East side both resulted in reduced vacuum to LFG Extraction Well Nos. EW-10, EW-11, EW-12, EW-13, EW-14, EW-19, and EW-20. The re-sloping of East side below grade piping and CT-1 and CT-2 will be evaluated further in 2022.

LFG BLOWER VENT SYSTEM (BVS).

In accordance with the 2021 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, 2021 through December 31, 2021, the BVS automatic time controller was set and operated on average 12 hours per day /7 days per week throughout the year.

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 4,361 hours during the 2021 reporting year.

Twice per month during 2021, SCS performed carbon vent system VOC breakthrough field monitoring and results are provided in Table 3. The carbon vent system (while in operation) maintained the outlet VOC concentrations below the prescribed operating criteria with the exception that on April 27, 2021, SCS detected a substantial increase in pressure on the outlet of the BVS primary carbon drum. This observed substantial increase in pressure indicated that the carbon media and VOC removal efficiency within the primary drum was depleted and in need of replacement. The carbon drum hoses were replaced due to deterioration. On the same day, the BVS was shut down and both the primary and secondary drums were replaced with new carbon drums. In addition, the carbon drum flex hoses were replaced due to age deterioration. Following the carbon drum and flex hose replacement work, the BVS was restarted and proper operation verified.

During this reporting period, January 2021 through December 2021, no other repairs or modifications were needed or required on the BVS.

SITE SURFACE OBSERVATION

In accordance with the 2021 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, some significant/major settlement was observed around LFG Extraction Well No. EW-4. During this reporting period, the road and sidewalk was raised and re-sloped by others in this area to allow rain/storm water to flow to drains properly. No other 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.

**Table 1. LFG Monitoring Well Test Results January 2021 Through December 2021
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	1/7/2021 12:50	0.00	6.00	11.40	82.60	-0.05	
MW02D	1/20/2021 12:08	0.00	2.80	18.20	79.00	0.02	
MW02D	2/3/2021 11:07	0.00	6.00	10.90	83.10	-1.50	
MW02D	2/24/2021 12:07	0.00	1.80	17.80	80.40	-0.47	
MW02D	3/9/2021 13:30	0.00	2.50	16.00	81.50	-0.06	
MW02D	3/23/2021 08:25	0.00	3.00	14.20	82.80	-0.54	
MW02D	4/7/2021 11:37	0.00	1.40	19.10	79.50	-0.31	
MW02D	4/27/2021 14:18	0.00	4.90	15.90	79.20	-0.26	
MW02D	5/4/2021 13:24	0.00	0.10	20.50	79.40	-0.14	
MW02D	5/24/2021 13:40	0.00	0.10	20.90	79.00	-0.07	
MW02D	6/10/2021 07:11	0.00	0.70	18.60	80.70	-0.33	
MW02D	6/29/2021 12:31	0.00	1.40	17.80	80.80	-0.24	
MW02D	7/6/2021 14:20	0.00	2.40	16.10	81.50	0.02	
MW02D	7/27/2021 08:21	0.00	2.70	16.20	81.10	-0.36	
MW02D	8/3/2021 11:55	0.10	0.50	19.40	80.00	-0.02	
MW02D	8/27/2021 09:10	0.00	0.80	19.00	80.20	-0.50	
MW02D	9/8/2021 12:54	0.00	0.60	19.40	80.00	-0.12	
MW02D	9/29/2021 13:27	0.00	5.10	15.00	79.90	-0.13	
MW02D	10/12/2021 12:58	0.10	6.00	14.40	79.50	-0.08	
MW02D	10/26/2021 13:37	0.00	5.70	14.60	79.70	-0.06	
MW02D	11/9/2021 10:14	0.00	6.40	14.00	79.60	-1.50	
MW02D	11/23/2021 10:09	0.00	1.60	19.00	79.40	-1.27	
MW02D	12/3/2021 12:11	0.00	0.10	20.80	79.10	-0.28	
MW02D	12/21/2021 14:05	0.00	5.80	12.50	81.70	0.18	
MW02M	1/7/2021 12:56	0.00	1.20	19.10	79.70	-0.01	
MW02M	1/20/2021 12:12	1.70	11.10	2.00	85.20	-0.01	
MW02M	2/3/2021 11:09	0.00	0.50	20.90	78.60	-0.17	
MW02M	2/24/2021 12:09	3.70	2.40	7.60	86.30	-0.51	
MW02M	3/9/2021 13:33	1.10	4.50	14.90	79.50	0.00	



**Table 1. LFG Monitoring Well Test Results January 2021 Through December 2021
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
MW02M	3/23/2021 08:29	0.10	0.90	18.70	80.30	-0.27	
MW02M	4/7/2021 11:40	1.60	2.00	16.70	79.70	-0.12	
MW02M	4/27/2021 14:19	1.90	1.70	10.30	86.10	-0.23	
MW02M	5/4/2021 13:27	0.50	1.90	16.80	80.80	-0.17	
MW02M	5/24/2021 13:44	2.60	2.80	16.40	78.20	-0.16	
MW02M	6/10/2021 07:15	3.10	3.00	15.10	78.80	-0.16	
MW02M	6/29/2021 12:35	2.50	2.20	16.50	78.80	-0.23	
MW02M	7/6/2021 14:21	3.90	11.70	5.00	79.40	0.05	
MW02M	7/27/2021 08:23	0.00	0.50	20.40	79.10	-0.22	
MW02M	8/3/2021 11:57	0.60	4.50	9.40	85.50	-0.03	
MW02M	8/27/2021 09:11	0.00	0.30	20.80	78.90	-0.24	
MW02M	9/8/2021 12:55	0.00	0.10	19.90	80.00	-0.07	
MW02M	9/29/2021 13:30	2.70	4.50	5.30	87.50	-0.19	
MW02M	10/12/2021 12:59	0.30	0.90	3.30	95.50	-0.12	
MW02M	10/26/2021 13:40	4.60	10.90	6.70	77.80	-0.09	
MW02M	11/9/2021 10:16	0.00	0.20	20.50	79.30	-0.64	
MW02M	11/23/2021 10:17	4.50	4.60	17.00	73.90	-0.93	
MW02M	12/3/2021 12:14	0.00	0.30	6.80	92.90	-0.02	
MW02M	12/21/2021 14:07	1.80	14.80	8.80	74.60	0.01	
MW02S	1/7/2021 12:57	0.00	1.10	19.90	79.00	0.03	
MW02S	1/20/2021 12:13	2.00	8.40	0.60	89.00	-0.04	
MW02S	2/3/2021 11:11	3.20	8.20	0.10	88.50	-0.01	
MW02S	2/24/2021 12:10	0.90	8.20	0.30	90.60	-0.16	
MW02S	3/9/2021 13:34	0.90	7.30	0.30	91.50	-0.04	
MW02S	3/23/2021 08:30	2.10	6.60	0.20	91.10	-0.04	
MW02S	4/7/2021 11:42	3.10	7.00	0.30	89.60	-0.04	
MW02S	4/27/2021 14:21	3.70	7.50	0.60	88.20	-0.24	
MW02S	5/4/2021 13:28	2.90	7.60	0.50	89.00	-0.04	
MW02S	5/24/2021 13:45	2.90	8.70	0.60	87.80	-0.01	



**Table 1. LFG Monitoring Well Test Results January 2021 Through December 2021
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	6/10/2021 07:17	3.70	8.80	0.40	87.10	0.05	
MW02S	6/29/2021 12:36	0.70	9.60	0.40	89.30	-0.27	
MW02S	7/6/2021 14:22	1.60	10.50	0.30	87.60	-0.02	
MW02S	7/27/2021 08:24	4.00	12.30	0.10	83.60	-0.04	
MW02S	8/3/2021 12:00	2.30	9.90	1.30	86.50	0.04	
MW02S	8/27/2021 09:13	2.20	10.50	3.90	83.40	-0.19	
MW02S	9/8/2021 12:58	3.70	13.70	1.60	81.00	0.01	
MW02S	9/29/2021 13:31	4.60	14.90	0.20	80.30	-0.01	
MW02S	10/12/2021 13:00	3.80	15.40	0.80	80.00	-0.19	
MW02S	10/26/2021 13:41	3.40	13.70	0.20	82.70	-0.04	
MW02S	11/9/2021 10:17	3.20	14.20	1.40	81.20	-0.08	
MW02S	11/23/2021 10:20	1.40	12.70	0.20	85.70	-0.12	
MW02S	12/3/2021 12:16	2.80	12.20	1.10	83.90	-0.01	
MW02S	12/21/2021 14:09	4.00	10.20	0.00	85.80	-0.10	
MW03D	1/7/2021 13:00	1.20	10.70	5.50	82.60	0.01	
MW03D	1/20/2021 12:16	1.50	15.30	1.50	81.70	-0.04	
MW03D	2/3/2021 11:13	2.30	15.20	1.90	80.60	-0.51	
MW03D	2/24/2021 12:12	4.40	13.50	3.10	79.00	-0.06	
MW03D	3/9/2021 13:42	0.00	8.40	11.50	80.10	-0.25	
MW03D	3/23/2021 08:39	0.00	0.10	21.00	78.90	-0.12	
MW03D	4/7/2021 11:44	0.50	3.30	16.40	79.80	-0.15	
MW03D	4/27/2021 14:21	1.90	4.00	2.80	91.30	0.02	
MW03D	5/4/2021 13:30	2.20	7.90	1.20	88.70	-0.06	
MW03D	5/24/2021 13:46	2.00	9.10	1.00	87.90	0.00	
MW03D	6/10/2021 07:19	0.10	2.20	18.10	79.60	0.01	
MW03D	6/29/2021 12:38	0.60	10.00	4.00	85.40	-0.13	
MW03D	7/6/2021 14:24	1.50	9.80	0.70	88.00	-0.04	
MW03D	7/27/2021 08:27	0.00	1.30	19.60	79.10	-0.03	
MW03D	8/3/2021 12:02	0.10	0.70	19.80	79.40	-0.08	



Table 1. LFG Monitoring Well Test Results January 2021 Through December 2021
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
MW03D	8/27/2021 09:15	0.00	1.20	20.50	78.30	-0.04	
MW03D	9/8/2021 13:00	0.00	0.40	19.30	80.30	-0.05	
MW03D	9/29/2021 13:38	0.00	0.20	20.30	79.50	0.00	
MW03D	10/12/2021 13:02	0.10	0.20	20.50	79.20	-0.07	
MW03D	10/26/2021 13:44	0.30	0.60	20.50	78.60	-0.07	
MW03D	11/9/2021 10:19	0.00	0.30	13.40	86.30	-0.07	
MW03D	11/23/2021 10:23	0.00	0.10	20.50	79.40	-0.15	
MW03D	12/3/2021 12:18	0.00	2.80	16.60	80.60	-0.01	
MW03D	12/21/2021 14:12	0.40	3.70	17.70	78.20	-0.13	
MW03M	1/7/2021 13:01	0.10	8.30	9.50	82.10	-0.03	
MW03M	1/20/2021 12:17	2.20	14.00	2.80	81.00	-0.11	
MW03M	2/3/2021 11:15	3.60	18.40	0.00	78.00	-0.04	
MW03M	2/24/2021 12:15	0.00	2.60	16.60	80.80	0.02	
MW03M	3/9/2021 13:44	0.10	12.50	6.50	80.90	-0.02	
MW03M	3/23/2021 08:41	0.00	0.20	21.00	78.80	-0.05	
MW03M	4/7/2021 11:45	2.00	9.40	7.90	80.70	-0.10	
MW03M	4/27/2021 14:22	4.20	17.50	0.70	77.60	0.01	
MW03M	5/4/2021 13:33	0.00	2.40	16.70	80.90	0.02	
MW03M	5/24/2021 13:48	2.80	15.40	0.70	81.10	-0.06	
MW03M	6/10/2021 07:21	0.00	0.70	20.30	79.00	0.03	
MW03M	6/29/2021 12:39	2.70	11.40	5.60	80.30	-0.08	
MW03M	7/6/2021 14:27	0.90	5.70	3.60	89.80	0.03	
MW03M	7/27/2021 08:29	0.00	0.50	20.20	79.30	-0.03	
MW03M	8/3/2021 12:03	1.80	3.70	13.40	81.10	-0.01	
MW03M	8/27/2021 09:17	2.40	12.90	4.30	80.40	-0.01	
MW03M	9/8/2021 13:01	0.00	0.20	19.60	80.20	0.04	
MW03M	9/29/2021 13:40	4.50	9.70	3.30	82.50	0.04	
MW03M	10/12/2021 13:03	0.20	1.00	1.10	97.70	-0.04	
MW03M	10/26/2021 13:46	4.50	13.40	2.20	79.90	-0.05	



**Table 1. LFG Monitoring Well Test Results January 2021 Through December 2021
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
MW03M	11/9/2021 10:20	0.00	0.20	20.40	79.40	-0.04	
MW03M	11/23/2021 10:30	0.00	0.30	20.40	79.30	-0.06	
MW03M	12/3/2021 12:19	1.20	18.00	2.80	78.00	-0.04	
MW03M	12/21/2021 14:13	3.20	20.40	0.20	76.20	-0.07	
MW03S	1/7/2021 13:03	0.00	11.70	2.80	85.50	-0.04	
MW03S	1/20/2021 12:19	0.00	2.60	18.80	78.60	0.07	
MW03S	2/3/2021 11:16	0.00	6.40	14.40	79.20	0.01	
MW03S	2/24/2021 12:17	0.00	5.00	15.70	79.30	0.00	
MW03S	3/9/2021 13:46	0.00	3.90	16.80	79.30	-0.01	
MW03S	3/23/2021 08:47	0.00	7.80	12.90	79.30	-0.04	
MW03S	4/7/2021 11:47	0.00	1.40	19.90	78.70	-0.04	
MW03S	4/27/2021 14:23	0.00	0.20	20.10	79.70	-0.05	
MW03S	5/4/2021 13:35	0.00	3.20	17.30	79.50	-0.06	
MW03S	5/24/2021 13:50	0.00	2.70	18.70	78.60	-0.01	
MW03S	6/10/2021 07:22	0.00	0.60	20.30	79.10	0.02	
MW03S	6/29/2021 12:40	0.00	0.10	20.50	79.40	-0.13	
MW03S	7/6/2021 14:28	0.00	0.40	17.80	81.80	0.04	
MW03S	7/27/2021 08:30	0.00	0.40	20.20	79.40	-0.05	
MW03S	8/3/2021 12:05	0.10	0.90	19.60	79.40	0.06	
MW03S	8/27/2021 09:18	0.00	1.30	20.50	78.20	-0.01	
MW03S	9/8/2021 13:03	0.00	0.10	19.60	80.30	-0.01	
MW03S	9/29/2021 13:44	0.00	4.50	17.50	78.00	-0.05	
MW03S	10/12/2021 13:04	0.00	7.00	16.10	76.90	-0.16	
MW03S	10/26/2021 13:47	0.00	5.90	16.40	77.70	-0.12	
MW03S	11/9/2021 10:21	0.10	20.90	2.40	76.60	-0.09	
MW03S	11/23/2021 10:32	0.00	1.30	19.90	78.80	-0.08	
MW03S	12/3/2021 12:20	0.00	3.10	14.20	82.70	-0.12	
MW03S	12/21/2021 14:15	0.00	6.60	15.20	78.20	-0.12	
MW04D	1/7/2021 13:04	0.00	5.50	16.90	77.60	-0.56	



**Table 1. LFG Monitoring Well Test Results January 2021 Through December 2021
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
MW04D	1/20/2021 12:21	0.00	1.40	19.90	78.70	-0.02	
MW04D	2/3/2021 11:19	0.00	2.50	19.10	78.40	-3.17	
MW04D	2/24/2021 12:19	0.00	0.30	20.40	79.30	-0.06	
MW04D	3/9/2021 13:48	0.00	0.20	20.50	79.30	-0.01	
MW04D	3/23/2021 08:49	0.00	1.00	20.60	78.40	-3.43	
MW04D	4/7/2021 11:49	0.00	0.60	20.80	78.60	-0.09	
MW04D	4/27/2021 14:25	0.00	0.20	20.70	79.10	0.00	
MW04D	5/4/2021 13:36	0.00	0.10	19.50	80.40	-0.04	
MW04D	5/24/2021 13:52	0.00	0.20	20.50	79.30	0.01	
MW04D	6/10/2021 07:25	0.00	0.40	20.40	79.20	0.01	
MW04D	6/29/2021 12:42	0.00	0.10	20.40	79.50	-0.09	
MW04D	7/6/2021 14:29	0.00	0.20	20.20	79.60	0.05	
MW04D	7/27/2021 08:33	0.00	0.30	20.10	79.60	0.03	
MW04D	8/3/2021 12:08	0.10	0.30	20.10	79.50	0.04	
MW04D	8/27/2021 09:22	0.00	0.70	20.80	78.50	-0.04	
MW04D	9/8/2021 13:05	0.00	0.10	19.50	80.40	-0.01	
MW04D	9/29/2021 13:46	0.00	0.20	20.20	79.60	-0.58	
MW04D	10/12/2021 13:06	0.00	0.30	20.50	79.20	-0.01	
MW04D	10/26/2021 13:48	0.00	0.40	18.60	81.00	-0.05	
MW04D	11/9/2021 10:22	0.00	0.50	17.70	81.80	-0.13	
MW04D	11/23/2021 10:33	0.00	0.20	20.10	79.70	-0.45	
MW04D	12/3/2021 12:22	0.00	0.20	20.80	79.00	-0.02	
MW04D	12/21/2021 14:17	0.00	2.70	19.20	78.10	-0.28	
MW04M	1/7/2021 13:06	2.50	12.00	1.20	84.30	-0.08	
MW04M	1/20/2021 12:22	0.70	3.40	14.70	81.20	-0.07	
MW04M	2/3/2021 11:21	0.00	0.40	20.70	78.90	-0.11	
MW04M	2/24/2021 12:21	1.50	6.80	5.40	86.30	-0.16	
MW04M	3/9/2021 13:49	2.70	10.60	2.10	84.60	-0.13	
MW04M	3/23/2021 08:50	3.20	12.00	0.30	84.50	-0.30	



**Table 1. LFG Monitoring Well Test Results January 2021 Through December 2021
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	4/7/2021 11:51	2.60	10.90	3.70	82.80	-0.24	
MW04M	4/27/2021 14:26	1.90	9.40	5.30	83.40	-0.18	
MW04M	5/4/2021 13:41	0.00	4.90	12.50	82.60	-0.15	
MW04M	5/24/2021 13:54	0.80	5.40	8.70	85.10	-0.05	
MW04M	6/10/2021 07:26	0.00	0.30	20.60	79.10	-0.04	
MW04M	6/29/2021 12:43	1.20	6.10	5.50	87.20	-0.10	
MW04M	7/6/2021 14:30	1.80	9.60	1.10	87.50	-0.01	
MW04M	7/27/2021 08:34	2.80	11.00	0.10	86.10	-0.12	
MW04M	8/3/2021 12:10	1.30	5.40	10.10	83.20	0.02	
MW04M	8/27/2021 09:24	2.10	8.90	3.10	85.90	-0.20	
MW04M	9/8/2021 13:05	0.00	0.10	19.60	80.30	-0.06	
MW04M	9/29/2021 13:46	1.20	6.70	5.80	86.30	-0.02	
MW04M	10/12/2021 13:07	2.20	11.20	1.40	85.20	-0.09	
MW04M	10/26/2021 13:55	0.00	0.50	20.80	78.70	-0.14	
MW04M	11/9/2021 10:23	0.00	0.20	20.50	79.30	-0.09	
MW04M	11/23/2021 10:34	1.20	4.80	9.70	84.30	-0.47	
MW04M	12/3/2021 12:23	2.30	10.70	4.30	82.70	-0.14	
MW04M	12/21/2021 14:18	2.50	10.70	3.80	83.00	-0.07	
MW04S	1/7/2021 13:07	0.10	11.00	10.70	78.20	-0.15	
MW04S	1/20/2021 12:24	0.00	9.30	11.10	79.60	-0.04	
MW04S	2/3/2021 11:22	0.00	8.40	10.70	80.90	-0.23	
MW04S	2/24/2021 12:22	0.00	9.50	6.90	83.60	-0.17	
MW04S	3/9/2021 13:50	0.00	9.20	8.90	81.90	-0.15	
MW04S	3/23/2021 08:52	0.10	9.10	10.50	80.30	-0.19	
MW04S	4/7/2021 11:52	0.00	8.50	11.60	79.90	-0.09	
MW04S	4/27/2021 14:27	0.00	8.50	10.00	81.50	-0.11	
MW04S	5/4/2021 13:42	0.00	6.30	11.00	82.70	-0.15	
MW04S	5/24/2021 13:55	0.00	9.00	8.00	83.00	-0.10	
MW04S	6/10/2021 07:27	0.00	8.40	6.70	84.90	-0.24	



**Table 1. LFG Monitoring Well Test Results January 2021 Through December 2021
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	6/29/2021 12:44	0.00	10.80	4.50	84.70	-0.13	
MW04S	7/6/2021 14:31	0.00	11.20	4.00	84.80	-0.04	
MW04S	7/27/2021 08:35	0.00	13.10	2.00	84.90	-0.10	
MW04S	8/3/2021 12:12	0.10	13.30	0.90	85.70	0.00	
MW04S	8/27/2021 09:25	0.00	15.40	0.10	84.50	-0.17	
MW04S	9/8/2021 13:07	0.00	15.00	1.00	84.00	-0.02	
MW04S	9/29/2021 13:47	0.00	15.70	0.20	84.10	-0.06	
MW04S	10/12/2021 13:08	0.20	16.10	0.70	83.00	-0.13	
MW04S	10/26/2021 13:56	0.00	17.00	0.40	82.60	-0.13	
MW04S	11/9/2021 10:24	0.00	17.30	1.20	81.50	-0.30	
MW04S	11/23/2021 10:35	0.00	15.50	4.70	79.80	-0.23	
MW04S	12/3/2021 12:24	0.00	15.20	6.40	78.40	-0.09	
MW04S	12/21/2021 14:20	0.00	14.70	2.80	82.50	-0.14	
MW05D	1/7/2021 13:09	0.00	5.30	4.10	90.60	-0.02	
MW05D	1/20/2021 12:26	0.00	5.30	4.00	90.70	0.00	
MW05D	2/3/2021 11:24	0.00	4.80	2.30	92.90	-1.16	
MW05D	2/24/2021 12:24	0.00	4.70	0.90	94.40	2.41	
MW05D	3/9/2021 13:52	0.00	4.60	1.30	94.10	4.32	
MW05D	3/23/2021 08:54	0.00	1.00	20.00	79.00	-1.53	
MW05D	4/7/2021 11:54	0.00	1.20	17.60	81.20	-0.03	
MW05D	4/27/2021 14:30	0.00	0.80	20.00	79.20	0.02	
MW05D	5/4/2021 13:44	0.00	0.60	18.90	80.50	0.00	
MW05D	5/24/2021 13:57	0.00	1.30	17.30	81.40	0.00	
MW05D	6/10/2021 07:29	0.00	2.00	19.10	78.90	-0.10	
MW05D	6/29/2021 12:47	0.00	1.50	18.90	79.60	-0.06	
MW05D	7/6/2021 14:33	0.00	1.00	19.30	79.70	0.22	
MW05D	7/27/2021 08:38	0.00	10.10	8.10	81.80	0.00	
MW05D	8/3/2021 12:15	0.10	1.30	19.20	79.40	0.03	
MW05D	8/27/2021 09:27	0.00	3.10	19.20	77.70	-0.05	



**Table 1. LFG Monitoring Well Test Results January 2021 Through December 2021
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	9/8/2021 13:09	0.00	0.90	17.40	81.70	0.03	
MW05D	9/29/2021 13:49	0.00	1.00	19.60	79.40	0.05	
MW05D	10/12/2021 13:10	0.00	1.90	16.40	81.70	-0.02	
MW05D	10/26/2021 13:58	0.00	1.10	11.20	87.70	-0.01	
MW05D	11/9/2021 10:26	0.00	2.80	7.40	89.80	-0.65	
MW05D	11/23/2021 10:37	0.00	2.90	5.40	91.70	-0.50	
MW05D	12/3/2021 12:26	0.00	2.90	5.00	92.10	0.53	
MW05D	12/21/2021 14:21	0.00	8.10	5.40	86.50	3.02	
MW05S	1/7/2021 13:10	0.00	9.80	5.90	84.30	-0.03	
MW05S	1/20/2021 12:27	0.00	8.90	7.20	83.90	-0.08	
MW05S	2/3/2021 11:25	0.00	7.10	7.10	85.80	-0.01	
MW05S	2/24/2021 12:25	0.00	10.10	5.80	84.10	-0.09	
MW05S	3/9/2021 13:53	0.00	9.90	5.70	84.40	-0.10	
MW05S	3/23/2021 08:56	0.00	8.30	6.80	84.90	-0.10	
MW05S	4/7/2021 11:56	0.00	8.40	6.50	85.10	-0.09	
MW05S	4/27/2021 14:31	0.00	7.30	7.90	84.80	-0.01	
MW05S	5/4/2021 13:45	0.00	6.50	8.20	85.30	0.04	
MW05S	5/24/2021 13:58	0.00	9.20	6.40	84.40	-0.09	
MW05S	6/10/2021 07:30	0.00	5.10	11.20	83.70	-0.11	
MW05S	6/29/2021 12:48	0.00	9.40	6.10	84.50	-0.10	
MW05S	7/6/2021 14:35	0.00	10.90	5.40	83.70	0.09	
MW05S	7/27/2021 08:39	0.00	2.10	18.60	79.30	-0.12	
MW05S	8/3/2021 12:16	0.10	6.50	9.50	83.90	0.03	
MW05S	8/27/2021 09:28	0.00	8.10	8.50	83.40	-0.01	
MW05S	9/8/2021 13:10	0.00	10.10	7.00	82.90	0.04	
MW05S	9/29/2021 13:50	0.00	9.10	9.50	81.40	0.06	
MW05S	10/12/2021 13:11	0.00	11.90	7.10	81.00	-0.07	
MW05S	10/26/2021 13:59	0.00	11.20	7.50	81.30	-0.07	
MW05S	11/9/2021 10:27	0.00	14.10	4.40	81.50	-0.05	



**Table 1. LFG Monitoring Well Test Results January 2021 Through December 2021
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	11/23/2021 10:38	0.00	13.50	4.40	82.10	-0.07	
MW05S	12/3/2021 12:27	0.00	13.60	5.60	80.80	-0.03	
MW05S	12/21/2021 14:22	0.00	9.80	5.20	85.00	-0.14	
MW06D	1/7/2021 13:34	0.00	1.40	17.80	80.80	0.03	
MW06D	1/20/2021 12:29	0.00	4.90	14.30	80.80	-0.17	
MW06D	2/3/2021 11:27	0.00	2.40	17.50	80.10	-0.45	
MW06D	2/24/2021 12:27	0.00	0.80	16.40	82.80	-0.06	
MW06D	3/9/2021 13:55	0.00	1.10	17.80	81.10	-0.05	
MW06D	3/23/2021 08:59	0.00	2.30	17.60	80.10	0.00	
MW06D	4/7/2021 12:03	0.00	2.40	17.60	80.00	-0.06	
MW06D	4/27/2021 14:32	0.00	7.70	7.50	84.80	0.00	
MW06D	5/4/2021 13:46	0.00	1.60	9.50	88.90	-0.02	
MW06D	5/24/2021 14:00	0.00	2.30	12.50	85.20	-0.03	
MW06D	6/10/2021 07:33	0.00	1.70	19.20	79.10	-0.06	
MW06D	6/29/2021 12:50	0.00	1.00	9.90	89.10	-0.06	
MW06D	7/6/2021 14:37	0.00	1.50	13.30	85.20	0.70	
MW06D	7/27/2021 08:42	0.00	2.40	17.70	79.90	-0.03	
MW06D	8/3/2021 12:18	0.10	2.50	18.40	79.00	-0.01	
MW06D	8/27/2021 09:37	0.00	3.80	18.10	78.10	-0.17	
MW06D	9/8/2021 13:13	0.00	2.90	16.90	80.20	0.01	
MW06D	9/29/2021 13:52	0.00	0.20	17.40	82.40	0.04	
MW06D	10/12/2021 13:13	0.00	3.00	17.90	79.10	-0.21	
MW06D	10/26/2021 14:01	0.00	0.40	15.80	83.80	-0.05	
MW06D	11/9/2021 10:29	0.00	2.20	18.20	79.60	-1.32	
MW06D	11/23/2021 10:40	0.00	0.50	16.50	83.00	-0.14	
MW06D	12/3/2021 12:29	0.00	1.70	17.40	80.90	-0.01	
MW06D	12/21/2021 14:24	0.00	2.70	15.20	82.10	-0.03	
MW06S	1/7/2021 13:35	0.00	1.60	19.60	78.80	0.00	
MW06S	1/20/2021 12:30	0.00	2.20	18.80	79.00	-0.01	



**Table 1. LFG Monitoring Well Test Results January 2021 Through December 2021
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	2/3/2021 11:28	0.00	1.80	19.10	79.10	-0.16	
MW06S	2/24/2021 12:28	0.00	0.80	18.90	80.30	-0.02	
MW06S	3/9/2021 13:56	0.00	1.30	19.50	79.20	-0.20	
MW06S	3/23/2021 09:00	0.00	1.60	19.50	78.90	-0.01	
MW06S	4/7/2021 12:04	0.00	1.60	19.20	79.20	-0.06	
MW06S	4/27/2021 14:34	0.00	0.60	18.30	81.10	0.01	
MW06S	5/4/2021 13:47	0.00	0.10	19.60	80.30	-0.01	
MW06S	5/24/2021 14:02	0.00	0.20	18.40	81.40	0.02	
MW06S	6/10/2021 07:35	0.00	2.10	18.00	79.90	-0.10	
MW06S	6/29/2021 12:52	0.00	0.50	17.10	82.40	-0.05	
MW06S	7/6/2021 14:40	0.00	1.20	18.10	80.70	0.01	
MW06S	7/27/2021 08:43	0.00	2.80	17.60	79.60	0.02	
MW06S	8/3/2021 12:20	0.10	2.50	17.90	79.50	-0.03	
MW06S	8/27/2021 09:38	0.00	3.10	18.90	78.00	-0.03	
MW06S	9/8/2021 13:13	0.00	3.10	17.20	79.70	-0.01	
MW06S	9/29/2021 13:53	0.00	0.20	20.20	79.60	0.02	
MW06S	10/12/2021 13:14	0.00	3.40	18.00	78.60	-0.03	
MW06S	10/26/2021 14:03	0.00	0.50	19.90	79.60	-0.03	
MW06S	11/9/2021 10:30	0.00	2.60	18.40	79.00	-0.19	
MW06S	11/23/2021 10:41	0.00	0.30	19.70	80.00	-0.19	
MW06S	12/3/2021 12:30	0.00	2.20	19.00	78.80	0.01	
MW06S	12/21/2021 14:25	0.00	2.80	19.90	77.30	-0.02	
MW08D	1/7/2021 11:26	0.00	1.30	19.10	79.60	-0.59	
MW08D	1/20/2021 10:11	0.00	4.00	15.90	80.10	-0.11	
MW08D	2/3/2021 09:21	0.00	1.70	20.90	77.40	-2.05	
MW08D	2/24/2021 12:31	0.00	0.20	20.30	79.50	-1.62	
MW08D	3/9/2021 14:00	0.00	0.30	20.40	79.30	-0.72	
MW08D	3/23/2021 09:05	0.00	0.90	20.50	78.60	0.04	
MW08D	4/7/2021 12:08	0.00	0.40	20.50	79.10	-0.01	



**Table 1. LFG Monitoring Well Test Results January 2021 Through December 2021
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	4/27/2021 14:36	0.00	0.30	19.10	80.60	0.01	
MW08D	5/4/2021 13:49	0.00	0.30	19.50	80.20	0.00	
MW08D	5/24/2021 14:04	0.00	0.20	20.30	79.50	0.00	
MW08D	6/10/2021 07:42	0.00	0.70	20.50	78.80	-0.09	
MW08D	6/29/2021 12:54	0.00	0.20	19.90	79.90	-0.07	
MW08D	7/6/2021 14:43	0.00	0.10	20.20	79.70	-0.48	
MW08D	7/27/2021 08:50	0.00	0.70	19.60	79.70	0.03	
MW08D	8/3/2021 12:25	0.10	0.70	20.70	78.50	-0.03	
MW08D	8/27/2021 10:22	0.00	0.20	20.90	78.90	-0.03	
MW08D	9/8/2021 13:18	0.00	0.20	19.70	80.10	0.04	
MW08D	9/29/2021 13:55	0.00	0.40	20.00	79.60	-0.11	
MW08D	10/12/2021 13:20	0.10	0.30	20.70	78.90	-0.17	
MW08D	10/26/2021 14:06	0.00	0.20	19.50	80.30	-0.06	
MW08D	11/9/2021 10:36	0.00	0.30	20.80	78.90	-0.09	
MW08D	11/23/2021 10:43	0.00	0.30	19.90	79.80	-0.54	
MW08D	12/3/2021 12:35	0.00	0.20	20.90	78.90	-0.01	
MW08D	12/21/2021 14:28	0.00	1.30	19.70	79.00	0.50	
MW08M	1/7/2021 11:28	0.00	2.00	19.00	79.00	-0.04	
MW08M	1/20/2021 10:12	0.00	3.20	17.80	79.00	-0.14	
MW08M	2/3/2021 09:22	0.00	2.30	19.30	78.40	-1.39	
MW08M	2/24/2021 12:33	0.00	3.10	17.40	79.50	-1.13	
MW08M	3/9/2021 14:01	0.00	2.30	18.20	79.50	1.46	
MW08M	3/23/2021 09:07	0.00	0.40	20.80	78.80	-0.86	
MW08M	4/7/2021 12:10	0.00	1.60	18.70	79.70	1.60	
MW08M	4/27/2021 14:37	0.00	0.20	20.60	79.20	-0.21	
MW08M	5/4/2021 13:50	0.00	1.90	17.70	80.40	0.01	
MW08M	5/24/2021 14:05	0.00	1.90	18.40	79.70	0.05	
MW08M	6/10/2021 07:44	0.00	0.40	20.60	79.00	-0.05	
MW08M	6/29/2021 12:55	0.00	1.70	18.20	80.10	-0.05	



**Table 1. LFG Monitoring Well Test Results January 2021 Through December 2021
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	7/6/2021 14:44	0.00	0.10	20.50	79.40	-0.43	
MW08M	7/27/2021 08:51	0.00	0.60	19.00	80.40	-0.02	
MW08M	8/3/2021 12:27	0.10	0.30	20.80	78.80	-0.08	
MW08M	8/27/2021 10:23	0.00	0.20	20.80	79.00	-0.31	
MW08M	9/8/2021 13:19	0.00	0.10	19.80	80.10	-0.03	
MW08M	9/29/2021 13:57	0.00	0.10	20.60	79.30	-0.02	
MW08M	10/12/2021 13:22	0.00	0.30	20.90	78.80	0.05	
MW08M	10/26/2021 14:07	0.00	0.20	20.90	78.90	-0.11	
MW08M	11/9/2021 10:37	0.00	0.30	20.90	78.80	-0.82	
MW08M	11/23/2021 10:46	0.00	3.60	17.00	79.40	-0.51	
MW08M	12/3/2021 12:37	0.00	3.90	18.30	77.80	-0.05	
MW08M	12/21/2021 14:29	0.00	1.30	19.80	78.90	0.50	
MW08S	1/7/2021 11:29	0.00	2.40	18.60	79.00	-0.33	
MW08S	1/20/2021 10:13	0.00	2.90	18.10	79.00	-0.11	
MW08S	2/3/2021 09:23	0.00	3.60	17.80	78.60	-0.36	
MW08S	2/24/2021 12:34	0.00	3.70	16.70	79.60	-0.08	
MW08S	3/9/2021 14:03	0.00	2.50	18.10	79.40	0.19	
MW08S	3/23/2021 09:08	0.00	2.40	18.10	79.50	-0.04	
MW08S	4/7/2021 12:11	0.00	2.30	18.30	79.40	0.00	
MW08S	4/27/2021 14:38	0.00	2.00	18.40	79.60	-0.05	
MW08S	5/4/2021 13:51	0.00	2.50	17.10	80.40	0.05	
MW08S	5/24/2021 14:06	0.00	2.60	17.70	79.70	0.05	
MW08S	6/10/2021 07:45	0.00	1.70	18.50	79.80	-0.15	
MW08S	6/29/2021 12:57	0.00	3.20	16.70	80.10	-0.06	
MW08S	7/6/2021 14:46	0.00	2.10	18.50	79.40	-0.45	
MW08S	7/27/2021 08:53	0.00	1.90	17.20	80.90	-0.03	
MW08S	8/3/2021 12:29	0.10	1.00	19.30	79.60	-0.01	
MW08S	8/27/2021 10:25	0.00	0.90	19.80	79.30	-0.05	
MW08S	9/8/2021 13:20	0.00	1.40	18.60	80.00	-0.31	



**Table 1. LFG Monitoring Well Test Results January 2021 Through December 2021
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	9/29/2021 13:58	0.00	2.00	18.70	79.30	-0.04	
MW08S	10/12/2021 13:23	0.00	1.70	19.70	78.60	-0.02	
MW08S	10/26/2021 14:08	0.00	2.90	18.30	78.80	-0.11	
MW08S	11/9/2021 10:38	0.00	3.10	18.00	78.90	-0.48	
MW08S	11/23/2021 10:48	0.00	4.20	16.20	79.60	-0.36	
MW08S	12/3/2021 12:38	0.00	4.30	17.60	78.10	0.10	
MW08S	12/21/2021 14:31	0.00	3.30	17.90	78.80	0.07	
MW09D	1/7/2021 11:41	0.00	2.50	19.50	78.00	0.04	
MW09D	1/20/2021 10:21	0.00	2.30	18.80	78.90	0.01	
MW09D	2/3/2021 09:27	0.00	2.10	20.40	77.50	-0.05	
MW09D	2/24/2021 12:37	0.00	0.50	19.80	79.70	-0.75	
MW09D	3/9/2021 14:05	0.00	0.70	19.90	79.40	-0.01	
MW09D	3/23/2021 09:12	0.00	1.60	19.10	79.30	0.06	
MW09D	4/7/2021 12:15	0.00	1.20	19.70	79.10	-0.02	
MW09D	4/27/2021 14:41	0.00	1.50	19.20	79.30	-4.06	
MW09D	5/4/2021 13:54	0.00	1.10	18.80	80.10	0.00	
MW09D	5/24/2021 14:10	0.00	0.90	19.70	79.40	0.05	
MW09D	6/10/2021 07:48	0.00	1.40	19.80	78.80	-0.01	
MW09D	6/29/2021 13:00	0.00	1.50	18.90	79.60	0.01	
MW09D	7/6/2021 14:49	0.00	1.00	19.60	79.40	-0.45	
MW09D	7/27/2021 08:56	0.00	1.60	18.90	79.50	0.04	
MW09D	8/3/2021 12:32	0.00	0.50	20.30	79.20	-0.03	
MW09D	8/27/2021 10:28	0.00	0.60	20.60	78.80	-0.03	
MW09D	9/8/2021 13:23	0.00	0.50	19.40	80.10	0.08	
MW09D	9/29/2021 14:00	0.00	2.10	18.60	79.30	0.05	
MW09D	10/12/2021 13:26	0.00	0.70	20.50	78.80	-0.08	
MW09D	10/26/2021 14:11	0.00	0.70	18.50	80.80	-0.03	
MW09D	11/9/2021 10:40	0.00	0.40	20.60	79.00	-0.06	
MW09D	11/23/2021 10:57	0.00	0.50	18.70	80.80	-0.74	



**Table 1. LFG Monitoring Well Test Results January 2021 Through December 2021
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	12/3/2021 12:40	0.00	0.50	19.40	80.10	0.01	
MW09D	12/21/2021 14:33	0.00	2.70	17.90	79.40	-0.08	
MW09M	1/7/2021 11:42	0.00	1.40	19.90	78.70	0.05	
MW09M	1/20/2021 10:22	0.00	1.30	19.90	78.80	0.01	
MW09M	2/3/2021 09:31	0.00	0.30	20.90	78.80	-0.98	
MW09M	2/24/2021 12:38	0.00	0.30	20.00	79.70	-0.48	
MW09M	3/9/2021 14:06	0.00	0.50	20.20	79.30	-0.52	
MW09M	3/23/2021 09:13	0.00	0.80	20.40	78.80	0.03	
MW09M	4/7/2021 12:16	0.00	1.00	20.00	79.00	0.01	
MW09M	4/27/2021 14:42	0.00	0.90	19.70	79.40	-0.74	
MW09M	5/4/2021 13:55	0.00	0.80	19.20	80.00	-0.07	
MW09M	5/24/2021 14:11	0.00	0.80	19.80	79.40	-0.78	
MW09M	6/10/2021 07:50	0.00	1.20	19.90	78.90	-0.01	
MW09M	6/29/2021 13:02	0.00	1.20	19.20	79.60	-1.95	
MW09M	7/6/2021 14:51	0.00	0.80	19.80	79.40	-0.79	
MW09M	7/27/2021 08:57	0.00	1.10	19.20	79.70	0.03	
MW09M	8/3/2021 12:36	0.00	1.50	19.00	79.50	0.04	
MW09M	8/27/2021 10:28	0.00	0.90	19.60	79.50	-0.06	
MW09M	9/8/2021 13:24	0.00	1.60	18.40	80.00	0.08	
MW09M	9/29/2021 14:01	0.00	1.90	18.70	79.40	0.03	
MW09M	10/12/2021 13:27	0.00	2.50	18.60	78.90	-0.08	
MW09M	10/26/2021 14:12	0.00	0.40	20.40	79.20	0.02	
MW09M	11/9/2021 10:41	0.00	1.50	19.60	78.90	-0.06	
MW09M	11/23/2021 10:58	0.00	0.50	19.40	80.10	-0.84	
MW09M	12/3/2021 12:41	0.00	0.50	20.80	78.70	-0.02	
MW09M	12/21/2021 14:36	0.00	1.50	20.10	78.40	-0.05	
MW09S	1/7/2021 11:43	0.00	1.00	20.30	78.70	0.02	
MW09S	1/20/2021 10:23	0.00	0.80	20.20	79.00	0.00	
MW09S	2/3/2021 09:32	0.00	0.40	20.60	79.00	0.04	



**Table 1. LFG Monitoring Well Test Results January 2021 Through December 2021
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	2/24/2021 12:39	0.00	0.10	20.20	79.70	-0.63	
MW09S	3/9/2021 14:07	0.00	0.20	20.50	79.30	-0.54	
MW09S	3/23/2021 09:14	0.00	0.50	20.50	79.00	0.01	
MW09S	4/7/2021 12:17	0.00	0.70	20.30	79.00	0.02	
MW09S	4/27/2021 14:44	0.00	0.80	19.90	79.30	-0.69	
MW09S	5/4/2021 13:56	0.00	0.50	19.60	79.90	-1.02	
MW09S	5/24/2021 14:13	0.00	3.90	16.20	79.90	0.16	
MW09S	6/10/2021 07:51	0.00	2.30	18.10	79.60	-0.06	
MW09S	6/29/2021 13:05	0.00	1.10	19.00	79.90	-0.06	
MW09S	7/6/2021 14:54	0.00	8.10	13.00	78.90	-0.46	
MW09S	7/27/2021 08:58	0.00	2.60	17.20	80.20	0.04	
MW09S	8/3/2021 12:34	0.00	0.90	19.60	79.50	0.02	
MW09S	8/27/2021 10:29	0.00	1.10	19.90	79.00	-0.05	
MW09S	9/8/2021 13:25	0.00	1.20	18.80	80.00	0.01	
MW09S	9/29/2021 14:04	0.00	0.30	20.00	79.70	0.04	
MW09S	10/12/2021 13:28	0.00	1.40	19.80	78.80	-0.05	
MW09S	10/26/2021 14:13	0.00	0.30	20.60	79.10	0.00	
MW09S	11/9/2021 10:42	0.00	0.80	20.40	78.80	-0.06	
MW09S	11/23/2021 10:59	0.00	0.30	19.60	80.10	-0.89	
MW09S	12/3/2021 12:42	0.00	0.30	20.90	78.80	-0.01	
MW09S	12/21/2021 14:39	0.00	0.80	20.40	78.80	-0.04	
MW10D	1/7/2021 11:50	0.00	1.00	20.50	78.50	0.01	
MW10D	1/20/2021 10:27	0.00	0.80	20.30	78.90	-6.18	
MW10D	2/3/2021 09:34	0.00	0.60	20.80	78.60	0.02	
MW10D	2/24/2021 12:43	0.00	0.20	19.90	79.90	1.44	
MW10D	3/9/2021 14:09	0.00	0.30	20.40	79.30	-0.01	
MW10D	3/23/2021 09:17	0.00	0.40	20.60	79.00	0.01	
MW10D	4/7/2021 12:19	0.00	0.40	20.70	78.90	-0.01	
MW10D	4/27/2021 14:45	0.00	0.60	20.10	79.30	0.08	



**Table 1. LFG Monitoring Well Test Results January 2021 Through December 2021
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	5/4/2021 13:57	0.00	0.40	19.70	79.90	0.02	
MW10D	5/24/2021 14:14	0.00	0.50	16.30	83.20	0.01	
MW10D	6/10/2021 07:53	0.00	2.00	19.40	78.60	-0.03	
MW10D	6/29/2021 13:06	0.00	0.20	19.70	80.10	-0.04	
MW10D	7/6/2021 14:55	0.00	0.40	17.70	81.90	-0.44	
MW10D	7/27/2021 09:00	0.00	2.10	18.40	79.50	0.06	
MW10D	8/3/2021 12:38	0.00	0.70	20.30	79.00	0.05	
MW10D	8/27/2021 10:36	0.00	3.70	16.30	80.00	-0.02	
MW10D	9/8/2021 13:27	0.00	8.70	11.50	79.80	-0.03	
MW10D	9/29/2021 14:05	0.00	0.20	20.20	79.60	0.01	
MW10D	10/12/2021 13:29	0.00	6.70	15.80	77.50	-0.12	
MW10D	10/26/2021 14:14	0.00	0.40	20.60	79.00	-0.04	
MW10D	11/9/2021 10:44	0.00	7.10	14.80	78.10	-0.06	
MW10D	11/23/2021 11:02	0.00	1.00	19.00	80.00	-1.80	
MW10D	12/3/2021 12:43	0.00	0.80	20.80	78.40	0.02	
MW10D	12/21/2021 14:40	0.00	1.00	20.30	78.70	-0.02	
MW10S	1/7/2021 11:51	0.00	1.10	20.30	78.60	0.02	
MW10S	1/20/2021 10:28	0.00	1.00	20.30	78.70	-5.20	
MW10S	2/3/2021 09:36	0.00	0.60	20.70	78.70	-0.13	
MW10S	2/24/2021 12:43	0.00	0.30	20.00	79.70	0.52	
MW10S	3/9/2021 14:11	0.00	0.40	20.20	79.40	0.01	
MW10S	3/23/2021 09:18	0.00	0.40	20.60	79.00	0.00	
MW10S	4/7/2021 12:20	0.00	0.40	20.80	78.80	-0.02	
MW10S	4/27/2021 14:46	0.00	0.40	20.30	79.30	0.10	
MW10S	5/4/2021 13:58	0.00	0.20	20.00	79.80	0.00	
MW10S	5/24/2021 14:15	0.00	0.40	19.50	80.10	-0.01	
MW10S	6/10/2021 07:55	0.00	16.60	6.90	76.50	-0.05	
MW10S	6/29/2021 13:07	0.00	0.20	19.90	79.90	-0.02	
MW10S	7/6/2021 14:56	0.00	0.10	20.40	79.50	-0.40	



**Table 1. LFG Monitoring Well Test Results January 2021 Through December 2021
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	7/27/2021 09:01	0.00	10.40	10.00	79.60	0.03	
MW10S	8/3/2021 12:40	0.00	10.70	9.60	79.70	0.00	
MW10S	8/27/2021 10:37	0.00	6.70	14.20	79.10	-0.05	
MW10S	9/8/2021 13:28	0.00	9.10	12.30	78.60	0.05	
MW10S	9/29/2021 14:06	0.00	0.10	20.40	79.50	0.06	
MW10S	10/12/2021 13:30	0.00	9.50	13.10	77.40	-0.10	
MW10S	10/26/2021 14:16	0.00	0.10	20.80	79.10	-0.05	
MW10S	11/9/2021 10:45	0.00	12.70	5.10	82.20	-0.08	
MW10S	11/23/2021 11:03	0.30	7.30	13.70	78.70	-1.09	
MW10S	12/3/2021 12:44	0.00	2.80	20.80	76.40	-0.06	
MW10S	12/3/2021 13:09	0.00	1.70	19.90	78.40	-1.22	
MW10S	12/21/2021 14:42	0.00	0.60	20.30	79.10	-0.02	
MW12D	1/7/2021 12:01	0.00	3.60	17.70	78.70	-0.04	
MW12D	1/20/2021 10:55	0.00	4.10	16.90	79.00	0.04	
MW12D	2/3/2021 10:02	0.00	1.30	20.70	78.00	-0.15	
MW12D	2/24/2021 12:47	0.00	1.50	18.20	80.30	-0.06	
MW12D	3/9/2021 14:14	0.00	2.20	17.70	80.10	-0.05	
MW12D	3/23/2021 09:23	0.00	2.20	18.30	79.50	-0.02	
MW12D	4/7/2021 12:24	0.00	1.80	19.20	79.00	0.02	
MW12D	4/27/2021 14:49	0.00	0.90	19.60	79.50	0.00	
MW12D	5/4/2021 14:01	0.00	1.20	18.80	80.00	0.00	
MW12D	5/24/2021 14:21	0.00	2.40	17.60	80.00	0.00	
MW12D	6/10/2021 08:00	0.00	3.10	17.50	79.40	-0.05	
MW12D	6/29/2021 13:11	0.00	1.40	18.50	80.10	-0.08	
MW12D	7/6/2021 15:00	0.00	2.40	17.70	79.90	-0.48	
MW12D	7/27/2021 09:06	0.00	4.20	16.30	79.50	-0.07	
MW12D	8/3/2021 12:57	0.00	0.80	20.80	78.40	-0.09	
MW12D	8/27/2021 10:41	0.00	3.00	18.90	78.10	-0.09	
MW12D	9/8/2021 13:32	0.00	0.10	19.50	80.40	-0.01	



**Table 1. LFG Monitoring Well Test Results January 2021 Through December 2021
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	9/29/2021 14:10	0.00	1.20	19.20	79.60	0.06	
MW12D	10/12/2021 13:34	0.00	2.10	19.10	78.80	-0.07	
MW12D	10/26/2021 14:19	0.00	1.70	19.20	79.10	-0.05	
MW12D	11/9/2021 10:49	0.00	2.30	18.70	79.00	-0.15	
MW12D	11/23/2021 11:07	0.00	1.20	18.80	80.00	-0.24	
MW12D	12/3/2021 13:10	0.00	1.80	19.10	79.10	0.06	
MW12D	12/21/2021 14:46	0.00	2.00	17.60	80.40	-0.03	
MW12M	1/7/2021 12:02	0.00	4.00	16.40	79.60	0.00	
MW12M	1/20/2021 10:56	0.00	5.60	13.70	80.70	-0.95	
MW12M	2/3/2021 10:06	0.00	5.30	12.70	82.00	-0.02	
MW12M	2/24/2021 12:48	0.00	7.20	9.90	82.90	-0.07	
MW12M	3/9/2021 14:15	0.00	8.50	8.80	82.70	-0.03	
MW12M	3/23/2021 09:24	0.00	9.00	9.80	81.20	-0.56	
MW12M	4/7/2021 12:26	0.00	0.50	20.90	78.60	0.11	
MW12M	4/27/2021 14:51	0.00	8.00	11.50	80.50	-0.01	
MW12M	5/4/2021 14:02	0.00	7.30	11.40	81.30	-0.03	
MW12M	5/24/2021 14:23	0.00	9.40	11.20	79.40	-0.02	
MW12M	6/10/2021 08:01	0.00	7.80	13.30	78.90	-0.04	
MW12M	6/29/2021 13:12	0.00	6.40	14.10	79.50	-0.11	
MW12M	7/6/2021 15:02	0.00	6.60	14.70	78.70	-0.48	
MW12M	7/27/2021 09:07	0.00	6.30	14.60	79.10	-0.03	
MW12M	8/3/2021 12:58	0.00	1.90	18.60	79.50	-0.01	
MW12M	8/27/2021 10:42	0.00	4.20	16.70	79.10	-0.10	
MW12M	9/8/2021 13:33	0.00	2.60	17.70	79.70	-0.04	
MW12M	9/29/2021 14:10	0.00	4.20	16.60	79.20	0.02	
MW12M	10/12/2021 13:35	0.00	5.00	16.80	78.20	-0.08	
MW12M	10/26/2021 14:20	0.00	5.20	16.10	78.70	-0.06	
MW12M	11/9/2021 10:50	0.00	5.20	16.30	78.50	-0.66	
MW12M	11/23/2021 11:09	0.00	4.90	14.70	80.40	-0.16	



**Table 1. LFG Monitoring Well Test Results January 2021 Through December 2021
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	12/3/2021 13:11	0.00	6.10	15.10	78.80	-0.16	
MW12M	12/21/2021 14:47	0.00	6.20	12.60	81.20	-0.01	
MW12S	1/7/2021 12:04	0.00	4.10	15.40	80.50	0.01	
MW12S	1/20/2021 10:58	0.00	5.60	12.40	82.00	-0.01	
MW12S	2/3/2021 10:08	0.00	5.40	14.40	80.20	0.14	
MW12S	2/24/2021 12:49	0.00	4.40	15.90	79.70	-0.05	
MW12S	3/9/2021 14:17	0.00	4.40	16.10	79.50	-0.02	
MW12S	3/23/2021 09:26	0.00	3.90	17.50	78.60	-0.06	
MW12S	4/7/2021 12:28	0.00	4.60	15.30	80.10	0.04	
MW12S	4/27/2021 14:53	0.00	5.00	16.20	78.80	0.02	
MW12S	5/4/2021 14:03	0.00	4.20	16.40	79.40	-0.01	
MW12S	5/24/2021 14:27	0.00	3.20	17.90	78.90	-0.02	
MW12S	6/10/2021 08:02	0.00	3.30	18.40	78.30	-0.01	
MW12S	6/29/2021 13:14	0.00	2.20	18.30	79.50	-0.09	
MW12S	7/6/2021 15:04	0.00	2.10	18.50	79.40	-0.48	
MW12S	7/27/2021 09:09	0.00	3.30	17.10	79.60	0.03	
MW12S	8/3/2021 12:59	0.00	2.00	19.40	78.60	-0.05	
MW12S	8/27/2021 10:43	0.00	2.70	19.30	78.00	-0.03	
MW12S	9/8/2021 13:34	0.00	2.40	17.30	80.30	0.04	
MW12S	9/29/2021 14:11	0.00	1.10	19.40	79.50	0.08	
MW12S	10/12/2021 13:36	0.00	3.10	18.20	78.70	-0.02	
MW12S	10/26/2021 14:22	0.00	1.10	19.90	79.00	-0.02	
MW12S	11/9/2021 10:51	0.00	3.90	16.60	79.50	-0.43	
MW12S	11/23/2021 11:15	0.00	0.30	19.70	80.00	-0.10	
MW12S	12/3/2021 13:11	0.00	5.40	15.40	79.20	0.11	
MW12S	12/21/2021 14:48	0.00	7.00	11.50	81.50	-0.09	
MW13D	1/7/2021 09:52	0.00	3.20	16.50	80.30	-0.56	
MW13D	1/20/2021 11:34	0.00	2.20	18.90	78.90	0.08	
MW13D	2/3/2021 10:36	0.00	1.70	18.60	79.70	-1.90	



**Table 1. LFG Monitoring Well Test Results January 2021 Through December 2021
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	2/24/2021 11:36	0.00	0.80	19.40	79.80	-0.66	
MW13D	3/9/2021 12:56	0.00	1.70	17.90	80.40	-0.03	
MW13D	3/23/2021 09:31	0.00	1.80	18.40	79.80	-1.04	
MW13D	4/7/2021 11:05	0.00	0.90	19.20	79.90	-0.15	
MW13D	4/27/2021 13:29	0.00	0.90	19.60	79.50	-0.47	
MW13D	5/4/2021 12:40	0.00	2.10	18.40	79.50	-0.52	
MW13D	5/24/2021 12:55	0.00	2.10	18.70	79.20	-0.35	
MW13D	6/10/2021 08:23	0.00	2.30	18.00	79.70	-0.53	
MW13D	6/29/2021 11:49	0.00	1.50	19.50	79.00	-0.06	
MW13D	7/6/2021 13:43	0.00	2.00	19.30	78.70	0.08	
MW13D	7/27/2021 09:24	0.00	0.80	20.10	79.10	-0.52	
MW13D	8/3/2021 13:04	0.00	0.50	21.60	77.90	0.00	
MW13D	8/27/2021 10:49	0.00	1.90	19.30	78.80	-0.62	
MW13D	9/8/2021 13:38	0.00	0.30	19.50	80.20	-0.03	
MW13D	9/29/2021 12:32	0.00	1.00	20.10	78.90	-0.19	
MW13D	10/12/2021 13:50	0.00	1.60	19.40	79.00	0.35	
MW13D	10/26/2021 13:12	0.00	2.50	17.50	80.00	0.06	
MW13D	11/9/2021 10:55	0.00	2.80	17.70	79.50	-0.23	
MW13D	11/23/2021 09:32	0.00	0.90	19.80	79.30	-1.41	
MW13D	12/3/2021 13:22	0.00	1.80	18.30	79.90	-0.07	
MW13D	12/21/2021 13:30	0.00	1.40	19.30	79.30	0.58	
MW13M	1/7/2021 09:54	0.00	3.60	17.60	78.80	-0.69	
MW13M	1/20/2021 11:36	0.00	1.50	19.00	79.50	-0.45	
MW13M	2/3/2021 10:38	0.00	2.90	18.10	79.00	-1.70	
MW13M	2/24/2021 11:38	0.00	2.10	18.80	79.10	-0.58	
MW13M	3/9/2021 12:58	0.00	2.90	18.10	79.00	-0.06	
MW13M	3/23/2021 09:33	0.00	3.00	17.90	79.10	-0.92	
MW13M	4/7/2021 11:06	0.00	1.10	19.20	79.70	-0.44	
MW13M	4/27/2021 13:32	0.00	2.70	18.40	78.90	-0.41	



**Table 1. LFG Monitoring Well Test Results January 2021 Through December 2021
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	5/4/2021 12:43	0.00	2.90	18.20	78.90	-0.45	
MW13M	5/24/2021 12:57	0.00	3.10	18.10	78.80	-0.18	
MW13M	6/10/2021 08:24	0.00	2.70	17.90	79.40	-0.37	
MW13M	6/29/2021 11:52	0.00	2.50	18.90	78.60	-0.05	
MW13M	7/6/2021 13:45	0.00	2.70	19.20	78.10	0.31	
MW13M	7/27/2021 09:25	0.00	1.50	18.40	80.10	-0.39	
MW13M	8/3/2021 13:08	0.00	1.10	18.50	80.40	0.00	
MW13M	8/27/2021 10:50	0.00	2.10	18.90	79.00	-0.55	
MW13M	9/8/2021 13:39	0.00	0.90	18.70	80.40	-0.15	
MW13M	9/29/2021 12:34	0.00	1.60	19.50	78.90	-0.08	
MW13M	10/12/2021 13:51	0.00	10.00	10.40	79.60	-0.05	
MW13M	10/26/2021 13:13	0.00	2.80	17.80	79.40	0.17	
MW13M	11/9/2021 10:56	0.00	3.10	18.10	78.80	-1.95	
MW13M	11/23/2021 09:35	0.00	1.80	19.00	79.20	-1.23	
MW13M	12/3/2021 13:23	0.00	2.80	18.30	78.90	-0.48	
MW13M	12/21/2021 13:31	0.00	0.50	20.90	78.60	0.35	
MW13S	1/7/2021 09:56	0.00	7.80	12.10	80.10	-0.01	
MW13S	1/20/2021 11:37	0.00	4.90	14.60	80.50	-0.04	
MW13S	2/3/2021 10:39	0.00	7.10	12.10	80.80	0.09	
MW13S	2/24/2021 11:39	0.00	7.00	12.10	80.90	-0.04	
MW13S	3/9/2021 12:59	0.00	6.90	12.10	81.00	-0.02	
MW13S	3/23/2021 09:34	0.00	5.70	12.80	81.50	-0.58	
MW13S	4/7/2021 11:08	0.00	6.40	12.30	81.30	0.01	
MW13S	4/27/2021 13:34	0.00	7.10	11.60	81.30	0.00	
MW13S	5/4/2021 12:45	0.00	6.90	11.90	81.20	-0.08	
MW13S	5/24/2021 13:01	0.00	7.50	11.40	81.10	0.02	
MW13S	6/10/2021 08:26	0.00	6.30	11.90	81.80	0.02	
MW13S	6/29/2021 11:53	0.00	7.10	11.90	81.00	-0.10	
MW13S	7/6/2021 13:46	0.00	7.30	12.30	80.40	0.09	



Table 1. LFG Monitoring Well Test Results January 2021 Through December 2021
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	7/27/2021 09:26	0.00	6.50	11.40	82.10	-0.09	
MW13S	8/3/2021 13:09	0.00	7.30	10.80	81.90	-0.09	
MW13S	8/27/2021 10:51	0.00	8.50	10.80	80.70	-0.04	
MW13S	9/8/2021 13:41	0.00	8.60	9.70	81.70	-0.03	
MW13S	9/29/2021 12:35	0.00	9.70	10.40	79.90	-0.06	
MW13S	10/12/2021 13:52	0.00	2.60	18.40	79.00	-0.09	
MW13S	10/26/2021 13:14	0.00	9.80	10.00	80.20	-0.05	
MW13S	11/9/2021 10:58	0.00	9.80	10.80	79.40	-0.09	
MW13S	11/23/2021 09:36	0.00	9.40	10.70	79.90	-0.17	
MW13S	12/3/2021 13:24	0.00	9.90	10.80	79.30	0.04	
MW13S	12/21/2021 13:32	0.00	5.30	13.90	80.80	-0.07	
MW14D	1/7/2021 09:58	0.00	4.80	15.40	79.80	-0.39	
MW14D	1/20/2021 11:39	0.00	3.50	16.80	79.70	0.07	
MW14D	2/3/2021 10:42	0.00	4.40	15.90	79.70	-2.19	
MW14D	2/24/2021 11:41	0.00	1.00	19.60	79.40	-0.71	
MW14D	3/9/2021 13:04	0.00	2.50	18.20	79.30	-0.20	
MW14D	3/23/2021 09:36	0.00	2.60	18.00	79.40	-1.05	
MW14D	4/7/2021 11:09	0.00	1.70	19.00	79.30	-0.12	
MW14D	4/27/2021 13:41	0.00	1.30	19.40	79.30	-0.51	
MW14D	5/4/2021 12:48	0.00	2.10	18.50	79.40	-0.54	
MW14D	5/24/2021 13:05	0.00	3.10	17.60	79.30	-0.08	
MW14D	6/10/2021 08:30	0.00	2.10	18.50	79.40	-0.57	
MW14D	6/29/2021 12:02	0.00	0.00	20.90	79.10	NR	
MW14D	7/6/2021 13:51	0.00	1.70	19.90	78.40	0.10	
MW14D	7/27/2021 09:28	0.00	2.10	18.60	79.30	-0.64	
MW14D	8/3/2021 13:12	0.00	1.90	20.10	78.00	-0.05	
MW14D	8/27/2021 10:54	0.00	2.70	19.20	78.10	-0.48	
MW14D	9/8/2021 13:45	0.00	1.30	18.30	80.40	-0.08	
MW14D	9/29/2021 12:39	0.00	1.60	19.60	78.80	-0.13	



Table 1. LFG Monitoring Well Test Results January 2021 Through December 2021
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	10/12/2021 13:55	0.00	3.10	17.70	79.20	0.00	
MW14D	10/26/2021 13:16	0.00	3.70	16.70	79.60	-0.02	
MW14D	11/9/2021 11:11	0.00	3.90	16.90	79.20	-2.10	
MW14D	11/23/2021 09:38	0.00	0.80	20.10	79.10	-1.59	
MW14D	12/3/2021 13:26	0.00	4.20	16.30	79.50	-0.02	
MW14D	12/21/2021 13:36	0.00	4.00	16.90	79.10	-0.02	
MW14M	1/7/2021 10:02	0.00	3.10	17.10	79.80	-0.06	
MW14M	1/20/2021 11:40	0.00	2.90	17.10	80.00	0.03	
MW14M	2/3/2021 10:43	0.00	4.10	16.20	79.70	-1.82	
MW14M	2/24/2021 11:43	0.00	2.60	17.60	79.80	-0.46	
MW14M	3/9/2021 13:07	0.00	4.10	16.70	79.20	-0.21	
MW14M	3/23/2021 09:37	0.00	3.70	16.60	79.70	-0.90	
MW14M	4/7/2021 11:11	0.00	1.80	18.40	79.80	-0.47	
MW14M	4/27/2021 13:43	0.00	2.60	17.90	79.50	-0.39	
MW14M	5/4/2021 12:50	0.00	3.40	17.10	79.50	-0.50	
MW14M	5/24/2021 13:08	0.00	4.00	16.80	79.20	-0.28	
MW14M	6/10/2021 08:32	0.00	3.30	16.80	79.90	-0.46	
MW14M	6/29/2021 12:04	0.00	0.00	20.90	79.10	-0.13	
MW14M	7/6/2021 13:55	0.00	0.40	20.20	79.40	0.20	
MW14M	7/27/2021 09:29	0.00	1.60	18.20	80.20	-0.52	
MW14M	8/3/2021 13:13	0.00	0.70	20.20	79.10	-0.05	
MW14M	8/27/2021 10:56	0.00	2.30	18.30	79.40	-0.60	
MW14M	9/8/2021 13:46	0.00	0.00	20.10	79.90	-0.02	
MW14M	9/29/2021 12:42	0.00	1.30	19.60	79.10	-0.15	
MW14M	10/12/2021 13:56	0.00	2.20	18.30	79.50	0.05	
MW14M	10/26/2021 13:18	0.00	3.10	17.00	79.90	0.03	
MW14M	11/9/2021 11:12	0.00	3.40	17.30	79.30	-1.76	
MW14M	11/23/2021 09:41	0.00	3.70	16.80	79.50	-1.33	
MW14M	12/3/2021 13:27	0.00	3.90	18.40	77.70	-0.04	



**Table 1. LFG Monitoring Well Test Results January 2021 Through December 2021
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
MW14M	12/21/2021 13:37	0.00	4.00	16.90	79.10	0.34	
MW14S	1/7/2021 10:04	0.00	4.30	13.70	82.00	0.02	
MW14S	1/20/2021 11:41	0.00	2.00	18.90	79.10	-0.02	
MW14S	2/3/2021 10:44	0.00	2.30	19.20	78.50	-0.84	
MW14S	2/24/2021 11:44	0.00	1.10	19.90	79.00	-0.35	
MW14S	3/9/2021 13:08	0.00	1.10	20.50	78.40	-2.47	
MW14S	3/23/2021 09:40	0.00	4.40	14.90	80.70	0.03	
MW14S	4/7/2021 11:12	0.00	4.50	14.60	80.90	-0.03	
MW14S	4/27/2021 13:45	0.00	4.90	15.20	79.90	0.01	
MW14S	5/4/2021 12:52	0.00	4.90	15.40	79.70	-0.09	
MW14S	5/24/2021 13:12	0.00	5.30	15.40	79.30	-0.05	
MW14S	6/10/2021 08:33	0.00	5.10	15.10	79.80	-0.01	
MW14S	6/29/2021 12:06	0.00	5.20	15.40	79.40	-0.07	
MW14S	7/6/2021 13:57	0.00	5.60	15.40	79.00	0.05	
MW14S	7/27/2021 09:30	0.00	4.80	15.30	79.90	-0.02	
MW14S	8/3/2021 13:13	0.00	3.40	16.30	80.30	-0.09	
MW14S	8/27/2021 10:57	0.00	4.20	16.40	79.40	-0.06	
MW14S	9/8/2021 13:48	0.00	0.10	20.10	79.80	0.03	
MW14S	9/29/2021 12:44	0.00	6.10	15.70	78.20	0.01	
MW14S	10/12/2021 13:57	0.00	6.50	15.30	78.20	-0.10	
MW14S	10/26/2021 13:19	0.00	6.20	14.70	79.10	-0.03	
MW14S	11/9/2021 11:14	0.00	0.20	21.00	78.80	-0.03	
MW14S	11/23/2021 09:44	0.00	4.40	13.30	82.30	-0.17	
MW14S	12/3/2021 13:28	0.00	4.40	15.00	80.60	0.08	
MW14S	12/21/2021 13:39	0.00	6.30	13.00	80.70	-0.09	
MW15D	1/7/2021 10:06	0.00	4.20	12.90	82.90	-0.67	
MW15D	1/20/2021 11:43	0.00	1.50	18.30	80.20	-0.02	
MW15D	2/3/2021 10:47	0.00	1.60	17.70	80.70	-2.10	
MW15D	2/24/2021 11:46	0.00	1.90	16.60	81.50	-0.75	



**Table 1. LFG Monitoring Well Test Results January 2021 Through December 2021
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
MW15D	3/9/2021 13:11	0.00	2.90	14.80	82.30	-0.11	
MW15D	3/23/2021 09:49	0.00	3.80	13.20	83.00	-0.81	
MW15D	4/7/2021 11:14	0.00	1.90	17.70	80.40	-0.56	
MW15D	4/27/2021 13:49	0.00	3.10	14.40	82.50	-0.50	
MW15D	5/4/2021 12:56	0.00	3.80	13.40	82.80	-0.62	
MW15D	5/24/2021 13:16	0.00	4.10	13.10	82.80	-0.37	
MW15D	6/10/2021 08:36	0.00	3.90	13.00	83.10	-0.09	
MW15D	6/29/2021 12:09	0.00	1.70	16.70	81.60	-0.14	
MW15D	7/6/2021 13:59	0.00	2.90	14.30	82.80	0.09	
MW15D	7/27/2021 09:32	0.00	3.70	13.10	83.20	-0.66	
MW15D	8/3/2021 13:16	0.00	0.90	20.00	79.10	-0.09	
MW15D	8/27/2021 11:06	0.00	2.30	16.60	81.10	-0.67	
MW15D	9/8/2021 13:49	0.00	0.70	18.50	80.80	-0.38	
MW15D	9/29/2021 12:47	0.00	2.20	16.70	81.10	-0.12	
MW15D	10/12/2021 13:59	0.00	4.50	13.40	82.10	-0.01	
MW15D	10/26/2021 13:21	0.00	4.10	13.10	82.80	-0.05	
MW15D	11/9/2021 11:22	0.00	4.20	13.50	82.30	-1.86	
MW15D	11/23/2021 09:49	0.00	4.80	13.20	82.00	-1.57	
MW15D	12/3/2021 13:30	0.00	4.60	14.10	81.30	0.06	
MW15D	12/21/2021 13:44	0.00	5.00	13.30	81.70	0.39	
MW15M	1/7/2021 10:07	0.10	3.30	8.50	88.10	-0.03	
MW15M	1/20/2021 11:45	0.10	1.80	0.20	97.90	0.29	
MW15M	2/3/2021 10:49	0.10	2.00	0.30	97.60	0.00	
MW15M	2/24/2021 11:47	0.10	2.10	0.10	97.70	15.64	
MW15M	3/9/2021 13:14	0.00	2.30	5.20	92.50	-0.06	
MW15M	3/23/2021 09:51	0.00	0.90	19.20	79.90	-3.85	
MW15M	4/7/2021 11:16	0.00	0.50	20.50	79.00	-2.95	
MW15M	4/27/2021 13:52	0.00	1.60	3.50	94.90	-11.76	
MW15M	5/4/2021 12:59	0.00	0.50	16.70	82.80	-4.98	



**Table 1. LFG Monitoring Well Test Results January 2021 Through December 2021
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
MW15M	5/24/2021 13:20	0.20	2.10	0.00	97.70	-8.76	
MW15M	6/10/2021 08:38	0.00	0.50	20.50	79.00	-1.89	
MW15M	6/29/2021 12:12	0.00	0.90	8.20	90.90	-8.55	
MW15M	7/6/2021 14:02	0.00	1.30	5.50	93.20	-10.65	
MW15M	7/27/2021 09:34	0.00	0.70	20.50	78.80	-1.09	
MW15M	8/3/2021 13:17	0.00	0.70	13.00	86.30	-14.06	
MW15M	8/27/2021 11:07	0.00	0.90	20.80	78.30	-0.04	
MW15M	9/8/2021 13:51	0.00	0.00	20.20	79.80	-1.97	
MW15M	9/29/2021 12:51	0.00	1.50	7.00	91.50	-8.96	
MW15M	10/12/2021 14:00	0.00	0.20	20.90	78.90	-0.03	
MW15M	10/26/2021 13:23	0.00	1.50	6.50	92.00	-8.30	
MW15M	11/9/2021 11:24	0.00	0.10	21.20	78.70	-1.48	
MW15M	11/23/2021 09:51	0.00	2.10	1.90	96.00	1.33	
MW15M	12/3/2021 13:33	0.00	2.10	0.10	97.80	0.05	
MW15M	12/21/2021 13:47	0.30	2.30	0.00	97.40	3.60	
MW15S	1/7/2021 10:08	0.00	2.80	9.10	88.10	-0.03	
MW15S	1/20/2021 11:46	0.00	1.30	15.30	83.40	-0.16	
MW15S	2/3/2021 10:51	0.00	4.10	10.30	85.60	0.02	
MW15S	2/24/2021 11:48	0.00	0.40	20.30	79.30	-2.57	
MW15S	3/9/2021 13:16	0.00	4.30	10.60	85.10	-0.05	
MW15S	3/23/2021 09:52	0.00	4.20	10.40	85.40	0.02	
MW15S	4/7/2021 11:18	0.00	4.30	10.00	85.70	-0.08	
MW15S	4/27/2021 13:55	0.00	4.60	11.00	84.40	-0.05	
MW15S	5/4/2021 13:00	0.00	4.60	11.50	83.90	-0.08	
MW15S	5/24/2021 13:22	0.00	5.40	12.00	82.60	-0.01	
MW15S	6/10/2021 08:39	0.00	4.40	13.20	82.40	-0.03	
MW15S	6/29/2021 12:13	0.00	5.50	13.60	80.90	-0.11	
MW15S	7/6/2021 14:04	0.00	5.60	14.50	79.90	-0.01	
MW15S	7/27/2021 09:35	0.00	2.80	17.10	80.10	0.01	



**Table 1. LFG Monitoring Well Test Results January 2021 Through December 2021
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	8/3/2021 13:18	0.00	2.50	17.30	80.20	-0.05	
MW15S	8/27/2021 11:08	0.00	2.50	18.20	79.30	-0.01	
MW15S	9/8/2021 13:52	0.00	2.90	17.30	79.80	-0.02	
MW15S	9/29/2021 12:53	0.00	3.40	16.90	79.70	0.00	
MW15S	10/12/2021 14:01	0.00	3.60	16.40	80.00	-0.05	
MW15S	10/26/2021 13:24	0.00	3.60	14.70	81.70	-0.04	
MW15S	11/9/2021 11:25	0.00	3.50	10.60	85.90	-0.02	
MW15S	11/23/2021 09:53	0.00	4.30	13.20	82.50	-0.16	
MW15S	12/3/2021 13:35	0.00	4.50	13.00	82.50	-0.02	
MW15S	12/21/2021 13:50	0.00	4.60	12.90	82.50	-0.12	
MW16D	1/7/2021 10:11	0.00	3.70	15.30	81.00	-0.68	
MW16D	1/20/2021 11:54	0.00	2.10	19.10	78.80	-0.01	
MW16D	2/3/2021 10:54	0.00	1.30	19.20	79.50	-1.98	
MW16D	2/24/2021 11:51	0.00	1.10	19.20	79.70	-0.69	
MW16D	3/9/2021 13:18	0.00	2.10	17.80	80.10	-0.20	
MW16D	3/23/2021 09:54	0.00	2.90	16.20	80.90	-0.66	
MW16D	4/7/2021 11:20	0.00	1.10	19.70	79.20	-0.14	
MW16D	4/27/2021 13:59	0.00	1.50	18.50	80.00	-0.41	
MW16D	5/4/2021 13:04	0.00	2.50	16.60	80.90	-0.17	
MW16D	5/24/2021 13:25	0.00	3.30	15.60	81.10	-0.08	
MW16D	6/10/2021 08:41	0.00	3.50	15.00	81.50	-0.55	
MW16D	6/29/2021 12:16	0.00	0.80	19.60	79.60	-0.26	
MW16D	7/6/2021 14:06	0.00	1.60	18.10	80.30	0.05	
MW16D	7/27/2021 09:46	0.00	2.60	16.40	81.00	-0.56	
MW16D	8/3/2021 13:20	0.00	0.90	20.80	78.30	-0.18	
MW16D	8/27/2021 11:11	0.00	1.30	19.10	79.60	-0.59	
MW16D	9/8/2021 13:56	0.00	0.30	20.00	79.70	-0.15	
MW16D	9/29/2021 12:57	0.00	1.30	19.20	79.50	0.00	
MW16D	10/12/2021 14:03	0.00	2.60	16.70	80.70	-0.03	



**Table 1. LFG Monitoring Well Test Results January 2021 Through December 2021
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	10/26/2021 13:26	0.00	3.50	15.20	81.30	-0.05	
MW16D	11/9/2021 11:26	0.00	3.50	15.50	81.00	-1.84	
MW16D	11/23/2021 09:56	0.00	0.90	19.80	79.30	-1.57	
MW16D	12/3/2021 13:44	0.00	1.80	18.30	79.90	0.11	
MW16D	12/21/2021 13:53	0.00	0.40	20.70	78.90	0.15	
MW16M	1/7/2021 10:12	0.00	3.30	15.30	81.40	-0.63	
MW16M	1/20/2021 11:55	0.00	2.60	14.50	82.90	-0.09	
MW16M	2/3/2021 10:55	0.00	2.10	15.50	82.40	-2.37	
MW16M	2/24/2021 11:52	0.00	2.00	17.30	80.70	-0.81	
MW16M	3/9/2021 13:20	0.00	2.10	17.90	80.00	-1.59	
MW16M	3/23/2021 09:56	0.00	0.60	20.70	78.70	-0.91	
MW16M	4/7/2021 11:22	0.00	1.40	17.10	81.50	-0.73	
MW16M	4/27/2021 14:02	0.00	2.20	14.00	83.80	-0.41	
MW16M	5/4/2021 13:07	0.00	3.30	11.50	85.20	-0.42	
MW16M	5/24/2021 13:27	0.00	3.50	11.70	84.80	-0.18	
MW16M	6/10/2021 08:42	0.00	3.30	11.70	85.00	-0.46	
MW16M	6/29/2021 12:18	0.00	1.70	16.20	82.10	-0.11	
MW16M	7/6/2021 14:07	0.00	2.60	14.40	83.00	0.43	
MW16M	7/27/2021 09:48	0.00	1.00	20.50	78.50	-0.11	
MW16M	8/3/2021 13:21	0.00	1.40	17.50	81.10	-0.13	
MW16M	8/27/2021 11:12	0.00	2.50	16.90	80.60	-0.56	
MW16M	9/8/2021 13:57	0.00	0.70	19.60	79.70	-0.29	
MW16M	9/29/2021 12:59	0.00	1.50	19.10	79.40	-0.20	
MW16M	10/12/2021 14:04	0.00	2.00	18.60	79.40	-0.14	
MW16M	10/26/2021 13:27	0.00	2.30	17.00	80.70	0.01	
MW16M	11/9/2021 11:28	0.00	2.10	17.90	80.00	-2.06	
MW16M	11/23/2021 09:58	0.00	1.30	18.60	80.10	-1.63	
MW16M	12/3/2021 13:45	0.00	1.90	18.10	80.00	0.51	
MW16M	12/21/2021 13:56	0.00	0.30	20.80	78.90	0.51	



**Table 1. LFG Monitoring Well Test Results January 2021 Through December 2021
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
MW16S	1/7/2021 10:13	0.00	1.40	19.60	79.00	-0.03	
MW16S	1/20/2021 11:56	0.00	3.00	16.40	80.60	-0.03	
MW16S	2/3/2021 10:57	0.00	1.10	20.00	78.90	-0.13	
MW16S	2/24/2021 11:54	0.00	5.20	16.40	78.40	-0.08	
MW16S	3/9/2021 13:21	0.00	4.40	16.80	78.80	-0.05	
MW16S	3/23/2021 09:57	0.00	0.50	20.50	79.00	-0.03	
MW16S	4/7/2021 11:24	0.00	1.40	19.50	79.10	-0.12	
MW16S	4/27/2021 14:05	0.00	2.10	19.40	78.50	-0.04	
MW16S	5/4/2021 13:09	0.00	2.50	18.50	79.00	-0.15	
MW16S	5/24/2021 13:30	0.00	4.30	17.20	78.50	-0.09	
MW16S	6/10/2021 08:44	0.00	0.80	20.30	78.90	-0.05	
MW16S	6/29/2021 12:20	0.00	1.90	19.10	79.00	-0.10	
MW16S	7/6/2021 14:09	0.00	1.90	18.90	79.20	0.07	
MW16S	7/27/2021 09:49	0.00	2.60	15.70	81.70	-0.59	
MW16S	8/3/2021 13:22	0.00	0.70	20.90	78.40	-0.13	
MW16S	8/27/2021 11:13	0.00	0.70	20.80	78.50	-0.23	
MW16S	9/8/2021 13:57	0.00	0.10	20.60	79.30	-0.15	
MW16S	9/29/2021 13:01	0.00	1.70	20.00	78.30	-0.06	
MW16S	10/12/2021 14:05	0.00	0.50	20.90	78.60	-0.02	
MW16S	10/26/2021 13:28	0.00	0.10	20.90	79.00	0.00	
MW16S	11/9/2021 11:29	0.00	0.10	21.30	78.60	-0.52	
MW16S	11/23/2021 10:00	0.00	1.50	19.20	79.30	-0.68	
MW16S	12/3/2021 13:46	0.00	0.20	19.50	80.30	0.12	
MW16S	12/21/2021 13:58	0.00	1.80	19.10	79.10	0.13	
MW17D	1/7/2021 10:15	0.00	3.40	16.30	80.30	-0.55	
MW17D	1/20/2021 11:59	0.00	1.30	19.80	78.90	-0.26	
MW17D	2/3/2021 10:59	0.00	3.60	16.30	80.10	-1.83	
MW17D	2/24/2021 11:57	0.00	1.40	19.30	79.30	-0.56	
MW17D	3/9/2021 13:24	0.00	2.60	17.50	79.90	-0.10	



**Table 1. LFG Monitoring Well Test Results January 2021 Through December 2021
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	3/23/2021 09:59	0.00	2.80	16.70	80.50	-0.65	
MW17D	4/7/2021 11:26	0.00	1.10	20.00	78.90	-0.14	
MW17D	4/27/2021 14:09	0.00	1.60	19.10	79.30	-0.15	
MW17D	5/4/2021 13:11	0.00	2.90	17.00	80.10	-0.17	
MW17D	5/24/2021 13:33	0.00	3.80	16.30	79.90	-0.07	
MW17D	6/10/2021 08:46	0.00	3.20	16.10	80.70	-0.62	
MW17D	6/29/2021 12:22	0.00	1.00	19.80	79.20	-0.16	
MW17D	7/6/2021 14:12	0.00	2.10	18.20	79.70	0.05	
MW17D	7/27/2021 09:51	0.00	3.20	16.70	80.10	-0.15	
MW17D	8/3/2021 13:27	0.00	0.40	20.90	78.70	-0.24	
MW17D	8/27/2021 11:15	0.00	1.20	19.20	79.60	-0.48	
MW17D	9/8/2021 13:59	0.00	0.40	20.20	79.40	-0.19	
MW17D	9/29/2021 13:05	0.00	2.30	18.00	79.70	-0.06	
MW17D	10/12/2021 14:07	0.00	3.30	17.40	79.30	-0.09	
MW17D	10/26/2021 13:30	0.00	3.80	16.50	79.70	-0.05	
MW17D	11/9/2021 11:30	0.00	4.10	16.70	79.20	-0.68	
MW17D	11/23/2021 10:03	0.00	1.10	19.80	79.10	-1.51	
MW17D	12/3/2021 13:47	0.00	2.30	19.50	78.20	0.06	
MW17D	12/21/2021 13:59	0.00	3.00	17.30	79.70	0.07	
MW17M	1/7/2021 10:16	0.00	3.20	17.70	79.10	-0.47	
MW17M	1/20/2021 12:00	0.00	1.70	18.10	80.20	-0.02	
MW17M	2/3/2021 11:00	0.00	1.10	20.40	78.50	-1.87	
MW17M	2/24/2021 11:59	0.00	0.10	20.90	79.00	-0.62	
MW17M	3/9/2021 13:25	0.00	0.50	20.10	79.40	-0.11	
MW17M	3/23/2021 10:00	0.00	0.70	20.60	78.70	-0.58	
MW17M	4/7/2021 11:28	0.00	0.70	20.30	79.00	-0.18	
MW17M	4/27/2021 14:12	0.00	0.70	20.30	79.00	-0.29	
MW17M	5/4/2021 13:12	0.00	0.50	20.30	79.20	-0.30	
MW17M	5/24/2021 13:35	0.00	1.00	20.20	78.80	-0.18	



**Table 1. LFG Monitoring Well Test Results January 2021 Through December 2021
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	6/10/2021 08:47	0.00	0.80	20.40	78.80	-0.23	
MW17M	6/29/2021 12:25	0.00	2.50	18.10	79.40	-0.24	
MW17M	7/6/2021 14:13	0.00	1.70	19.30	79.00	0.15	
MW17M	7/27/2021 09:52	0.00	1.00	20.60	78.40	-0.57	
MW17M	8/3/2021 13:29	0.00	0.30	20.90	78.80	-0.15	
MW17M	8/27/2021 11:16	0.00	0.60	20.80	78.60	-0.37	
MW17M	9/8/2021 14:01	0.00	0.10	20.60	79.30	-0.22	
MW17M	9/29/2021 13:07	0.00	0.30	20.60	79.10	-0.21	
MW17M	10/12/2021 14:11	0.00	3.20	18.90	77.90	0.02	
MW17M	10/26/2021 13:32	0.00	0.90	20.30	78.80	-0.03	
MW17M	11/9/2021 11:31	0.00	0.20	21.30	78.50	-1.33	
MW17M	11/23/2021 10:04	0.00	0.30	20.50	79.20	-1.17	
MW17M	12/3/2021 13:48	0.00	1.30	19.90	78.80	0.11	
MW17M	12/21/2021 14:01	0.00	2.10	19.00	78.90	0.30	
MW17S	1/7/2021 10:18	0.00	3.50	17.50	79.00	-0.05	
MW17S	1/20/2021 12:01	0.00	5.90	13.10	81.00	-0.19	
MW17S	2/3/2021 11:01	0.00	5.90	14.50	79.60	-0.02	
MW17S	2/24/2021 12:01	0.00	9.60	9.50	80.90	-0.03	
MW17S	3/9/2021 13:29	0.00	10.00	9.00	81.00	-0.06	
MW17S	3/23/2021 10:02	0.00	7.40	13.10	79.50	-0.01	
MW17S	4/7/2021 11:29	0.00	5.30	15.40	79.30	-0.12	
MW17S	4/27/2021 14:17	0.00	6.20	15.60	78.20	-0.04	
MW17S	5/4/2021 13:13	0.00	6.10	15.00	78.90	-0.25	
MW17S	5/24/2021 13:36	0.00	6.60	15.30	78.10	-0.06	
MW17S	6/10/2021 08:48	0.00	4.40	16.50	79.10	-0.09	
MW17S	6/29/2021 12:27	0.00	5.40	16.00	78.60	-0.16	
MW17S	7/6/2021 14:16	0.00	4.90	16.60	78.50	-0.10	
MW17S	7/27/2021 09:54	0.00	3.70	17.40	78.90	-0.12	
MW17S	8/3/2021 13:30	0.00	0.30	20.60	79.10	-0.13	



**Table 1. LFG Monitoring Well Test Results January 2021 Through December 2021
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	8/27/2021 13:16	0.00	0.80	20.90	78.30	-0.03	
MW17S	9/8/2021 14:02	0.00	2.40	18.50	79.10	-0.01	
MW17S	9/29/2021 13:09	0.00	2.80	18.50	78.70	-0.05	
MW17S	10/12/2021 14:11	0.00	4.00	17.20	78.80	-0.14	
MW17S	10/26/2021 13:33	0.00	3.00	18.40	78.60	-0.03	
MW17S	11/9/2021 11:32	0.00	4.10	17.40	78.50	-0.58	
MW17S	11/23/2021 10:05	0.00	4.10	17.00	78.90	-0.55	
MW17S	12/3/2021 13:49	0.00	4.60	17.10	78.30	0.13	
MW17S	12/21/2021 14:02	0.00	4.40	16.50	79.10	-0.03	



Table 2. LFG Extraction Well Monitoring Results January 2021 Through December 2021
Eastgate Area Properties Landfill

Name	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	1/7/2021 11:06	0.00	0.80	19.40	79.80	-2.94	-21.37	48.30	Comments:No Change,,,,,,,,
EW06	1/20/2021 10:02	0.00	2.00	18.20	79.80	-10.71	-17.97	38.90	Comments:No Change,,,,,,,,
EW06	2/3/2021 09:06	0.00	2.50	15.90	81.60	-18.69	-19.76	41.90	Comments:No Change,Valve Closed,,,,,,,,
EW06	2/24/2021 10:55	0.00	0.20	20.90	78.90	-2.56	-13.75	63.90	Comments:Valve slightly Open,,,,,,,,
EW06	3/9/2021 12:07	0.00	2.10	19.90	78.00	-1.62	-11.80	60.40	Comments:No Change,,,,,,,,
EW06	3/23/2021 11:54	0.00	0.40	20.80	78.80	-1.79	-11.35	51.70	Comments:No Change,Valve Closed,,,,,,,,
EW06	4/7/2021 08:55	0.00	1.90	19.20	78.90	-1.05	-11.78	51.90	Comments:No Change,Valve Closed,,,,,,,,
EW06	4/27/2021 12:53	0.00	1.20	20.90	77.90	-0.67	-8.05	72.10	Comments:Valve slightly Open,,,,,,,,
EW06	5/4/2021 12:07	0.00	2.20	20.30	77.50	-0.81	-9.07	72.80	Comments:No Change,,,,,,,,
EW06	5/24/2021 12:09	0.00	1.60	20.50	77.90	-0.61	-7.95	63.20	Comments:Valve slightly Open,,,,,,,,
EW06	6/10/2021 09:40	0.00	1.70	19.10	79.20	-0.32	-7.91	64.30	Comments:No Change,,,,,,,,
EW06	6/29/2021 11:14	0.00	1.40	19.80	78.80	-0.41	-6.97	94.90	Comments:No Change,,,,,,,,
EW06	7/6/2021 12:56	0.00	0.30	20.20	79.50	-0.27	-6.98	93.80	Comments:No Change,,,,,,,,
EW06	7/27/2021 10:43	0.00	0.60	20.00	79.40	-0.36	-7.06	86.80	Comments:No Change,Valve slightly Open,,,,,,,,
EW06	8/3/2021 14:00	0.00	1.60	19.00	79.40	-0.45	-7.33	99.70	Comments:No Change,,,,,,,,
EW06	8/27/2021 12:33	0.00	1.40	19.50	79.10	-0.37	-7.17	73.50	Comments:No Change,,,,,,,,
EW06	9/8/2021 14:39	0.00	0.40	19.60	80.00	-0.28	-6.84	98.80	Comments:No Change,,,,,,,,
EW06	9/29/2021 12:00	0.00	1.40	19.90	78.70	-0.26	-7.04	70.80	Comments:No Change,,,,,,,,
EW06	10/12/2021 14:58	0.00	1.00	19.10	79.90	-0.07	-7.34	50.50	Comments:No Change,,,,,,,,
EW06	10/26/2021 12:34	0.00	2.60	19.40	78.00	-0.31	-6.94	58.90	Comments:Valve slightly Open,,,,,,,,
EW06	11/9/2021 12:38	0.00	2.30	16.50	81.20	-2.28	-12.83	52.00	Comments:No Change,Valve slightly Open,,,,,,,,
EW06	11/23/2021 08:53	0.00	3.40	16.30	80.30	-5.82	-12.44	54.30	Comments:No Change,,,,,,,,
EW06	12/3/2021 14:20	0.00	0.40	20.60	79.00	-4.35	-12.82	40.00	Comments:No Change,,,,,,,,
EW06	12/21/2021 12:56	0.10	2.80	16.40	80.70	-6.19	-13.16	44.00	Comments:No Change,,,,,,,,
EW07	1/7/2021 11:21	0.00	4.40	13.90	81.70	-20.97	-22.16	50.80	Comments:No Change,,,,,,,,



Table 2. LFG Extraction Well Monitoring Results January 2021 Through December 2021
Eastgate Area Properties Landfill

Name	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	1/20/2021 10:05	0.00	2.50	16.70	80.80	-18.71	-18.94	42.50	Comments:No Change,Valve Closed,,,,,,,,
EW07	2/3/2021 09:09	0.00	2.80	16.80	80.40	-21.12	-21.05	41.90	Comments:No Change,Valve Closed,,,,,,,,
EW07	2/24/2021 10:58	0.00	0.10	20.80	79.10	-14.44	-14.62	64.20	Comments:Valve slightly Open,,,,,,,,
EW07	3/9/2021 12:09	0.00	0.70	20.50	78.80	-12.48	-12.59	60.90	Comments:Valve slightly Open,,,,,,,,
EW07	3/23/2021 11:51	0.00	0.60	20.70	78.70	-11.62	-12.25	51.30	Comments:No Change,Valve Closed,,,,,,,,
EW07	4/7/2021 08:58	0.00	1.10	20.10	78.80	-12.40	-10.17	51.80	Comments:No Change,Valve Closed,,,,,,,,
EW07	4/27/2021 12:55	0.00	1.10	19.40	79.50	-8.76	-8.73	73.80	Comments:Valve slightly Open,,,,,,,,
EW07	5/4/2021 12:09	0.00	2.30	17.40	80.30	-9.85	-9.83	72.50	Comments:Valve slightly Open,,,,,,,,
EW07	5/24/2021 12:10	0.00	2.40	17.40	80.20	-8.60	-8.64	63.00	Comments:Valve slightly Open,,,,,,,,
EW07	6/10/2021 09:42	0.00	0.90	19.70	79.40	-8.26	-8.35	65.20	Comments:No Change,,,,,,,,
EW07	6/29/2021 11:15	0.00	1.10	19.00	79.90	-7.35	-7.70	94.30	Comments:Valve slightly Open,,,,,,,,
EW07	7/6/2021 12:58	0.00	1.40	18.50	80.10	-7.26	-7.77	95.20	Comments:Valve slightly Open,,,,,,,,
EW07	7/27/2021 10:47	0.00	0.60	19.50	79.90	-7.30	-7.91	83.60	Comments:No Change,Valve Closed,,,,,,,,
EW07	8/3/2021 14:05	0.00	1.10	19.00	79.90	-7.38	-8.18	100.30	Comments:No Change,Valve Closed,,,,,,,,
EW07	8/27/2021 12:35	0.00	2.20	17.80	80.00	-7.22	-8.16	73.40	Comments:No Change,Valve slightly Open,,,,,,,,
EW07	9/8/2021 14:37	0.00	1.00	19.00	80.00	-6.47	-7.62	97.30	Comments:No Change,,,,,,,,
EW07	9/29/2021 12:02	0.00	3.70	16.50	79.80	-6.59	-7.84	70.40	Comments:No Change,,,,,,,,
EW07	10/12/2021 15:01	0.00	3.70	16.70	79.60	-5.23	-8.23	61.00	Comments:No Change,,,,,,,,
EW07	10/26/2021 12:36	0.00	3.50	16.70	79.80	-5.20	-7.84	58.90	Comments:Valve slightly Open,,,,,,,,
EW07	11/9/2021 12:41	0.00	4.10	16.70	79.20	-10.31	-14.16	51.80	Comments:No Change,Valve slightly Open,,,,,,,,
EW07	11/23/2021 08:54	0.00	3.60	16.50	79.90	-9.67	-13.76	53.90	Comments:No Change,,,,,,,,



Table 2. LFG Extraction Well Monitoring Results January 2021 Through December 2021
Eastgate Area Properties Landfill

Name	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	12/3/2021 14:48	0.00	3.20	17.00	79.80	-10.43	-13.94	43.90	
EW07	12/21/2021 12:58	0.00	2.10	18.50	79.40	-12.65	-14.16	44.50	Comments:No Change,,,,,,,,
EW08	1/7/2021 11:24	0.00	2.80	9.40	87.80	-21.69	-23.52	48.60	Comments:No Change,,,,,,,,
EW08	1/20/2021 10:08	0.00	2.70	12.40	84.90	-19.74	-20.30	43.50	Comments:No Change,,,,,,,,
EW08	2/3/2021 09:13	0.00	2.70	15.10	82.20	-22.37	-22.13	42.10	Comments:No Change,Valve Closed,,,,,,,,
EW08	2/24/2021 11:00	0.10	1.00	16.50	82.40	-16.52	-16.47	63.20	Comments:Valve slightly Open,,,,,,,,
EW08	3/9/2021 12:11	0.00	0.80	19.50	79.70	-13.55	-13.55	62.10	Comments:Valve slightly Open,,,,,,,,
EW08	3/23/2021 11:49	0.00	1.70	19.80	78.50	-13.86	-9.33	50.90	Comments:No Change,Valve slightly Open,,,,,,,,
EW08	4/7/2021 09:01	0.00	0.80	20.70	78.50	-8.48	-13.42	50.00	Comments:No Change,Valve Closed,,,,,,,,
EW08	4/27/2021 12:57	0.00	0.50	20.70	78.80	-3.66	-10.24	73.40	Comments:Valve slightly Open,,,,,,,,
EW08	5/4/2021 12:10	0.00	0.90	20.70	78.40	-2.09	-11.21	74.10	Comments:Valve slightly Open,,,,,,,,
EW08	5/24/2021 12:12	0.00	0.60	20.30	79.10	-0.93	-10.18	62.80	Comments:Valve slightly Open,,,,,,,,
EW08	6/10/2021 09:47	0.00	0.50	20.30	79.20	-0.68	-10.07	66.40	Comments:No Change,,,,,,,,
EW08	6/29/2021 11:18	0.00	0.40	20.90	78.70	-0.31	-8.92	96.80	Comments:Valve slightly Open,,,,,,,,
EW08	7/6/2021 13:08	0.00	0.00	20.80	79.20	-0.35	-9.13	95.00	Comments:No Change,,,,,,,,
EW08	7/27/2021 10:50	0.00	0.30	20.20	79.50	-0.37	-9.28	97.60	Comments:No Change,Valve Closed,,,,,,,,
EW08	8/3/2021 14:10	0.00	0.20	20.20	79.60	-0.44	-9.60	106.00	Comments:No Change,Valve slightly Open,,,,,,,,
EW08	8/27/2021 12:37	0.00	0.70	20.40	78.90	-0.46	-9.54	74.60	Comments:No Change,Valve slightly Open,,,,,,,,
EW08	9/8/2021 14:36	0.00	0.20	19.60	80.20	-0.33	-8.79	95.60	Comments:No Change,,,,,,,,
EW08	9/29/2021 12:04	0.00	1.30	20.30	78.40	-0.34	-9.26	70.90	Comments:Valve slightly Open,,,,,,,,
EW08	10/12/2021 15:03	0.00	0.40	20.10	79.50	-0.29	-9.65	59.90	Comments:No Change,,,,,,,,
EW08	10/26/2021 12:38	0.00	1.30	20.70	78.00	-0.36	-9.53	59.10	Comments:Valve slightly Open,,,,,,,,



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Eastgate Area Properties Landfill

Name	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	11/9/2021 12:46	0.00	0.10	20.90	79.00	-1.04	-16.19	53.60	Comments:No Change,Valve slightly Open,,,,,
EW08	11/23/2021 08:58	0.00	0.30	20.40	79.30	-3.54	-15.47	53.70	Comments:Valve slightly Open,,,,,,
EW08	12/3/2021 14:46	0.00	0.20	16.30	83.50	-2.56	-16.80	40.20	Comments:No Change,,,,,,
EW08	12/21/2021 12:59	0.00	1.40	20.80	77.80	-5.69	-16.31	43.40	Comments:Valve slightly Open,,,,,,
EW09	1/7/2021 11:36	12.50	18.20	0.60	68.70	-3.23	-15.44	51.10	Comments:No Change,,,,,,
EW09	1/20/2021 10:33	1.60	7.60	12.30	78.50	-6.92	-18.43	48.60	Comments:No Change,Valve slightly Open,,,,,
EW09	2/3/2021 09:16	3.30	10.30	9.40	77.00	-12.33	-21.08	41.60	Comments:No Change,Valve slightly Open,,,,,
EW09	2/24/2021 11:02	2.10	5.80	13.00	79.10	-5.47	-13.83	62.60	Comments:No Change,,,,,,
EW09	3/9/2021 12:13	2.30	7.10	12.20	78.40	-5.29	-11.10	59.80	Comments:No Change,,,,,,
EW09	3/23/2021 11:43	2.30	8.20	11.50	78.00	-4.80	-11.73	52.00	Comments:No Change,Valve slightly Open,,,,,
EW09	4/7/2021 09:04	2.30	6.60	13.10	78.00	-5.11	-11.87	49.80	Comments:No Change,Valve Closed,,,,,
EW09	4/27/2021 12:59	2.20	6.80	11.40	79.60	-3.55	-8.99	68.20	Comments:Valve slightly Open,,,,,,
EW09	5/4/2021 12:12	2.10	7.60	11.40	78.90	-3.60	-9.57	74.90	Comments:No Change,,,,,,
EW09	5/24/2021 12:14	2.20	9.10	10.80	77.90	-3.07	-7.84	62.40	Comments:No Change,,,,,,
EW09	6/10/2021 09:50	2.00	7.30	10.70	80.00	-2.96	-8.75	65.30	Comments:No Change,Valve slightly Open,,,,,
EW09	6/29/2021 11:20	1.80	8.30	9.40	80.50	-2.59	-7.91	100.50	Comments:No Change,,,,,,
EW09	7/6/2021 13:09	1.80	9.80	9.40	79.00	-2.57	-7.92	95.10	Comments:No Change,,,,,,
EW09	7/27/2021 10:52	1.70	7.90	8.80	81.60	-2.37	-8.01	96.00	Comments:No Change,Valve slightly Open,,,,,
EW09	8/3/2021 14:12	1.70	9.40	8.10	80.80	-2.40	-8.11	105.10	Comments:No Change,Valve slightly Open,,,,,
EW09	8/27/2021 12:40	1.50	10.90	8.20	79.40	-2.30	-8.20	74.60	Comments:No Change,Valve slightly Open,,,,,
EW09	9/8/2021 14:34	1.40	11.20	8.50	78.90	-2.15	-7.88	95.40	Comments:No Change,,,,,,
EW09	9/29/2021 12:05	1.40	10.60	8.30	79.70	-2.41	-7.95	71.50	Comments:No Change,,,,,,
EW09	10/12/2021 15:05	1.40	12.50	7.60	78.50	-2.56	-8.36	51.80	Comments:No Change,,,,,,



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Eastgate Area Properties Landfill

Name	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	10/26/2021 12:39	1.30	11.50	8.30	78.90	-3.55	-8.10	58.70	Comments:No Change,,,,,,,,
EW09	11/9/2021 12:49	2.00	12.30	9.00	76.70	-5.27	-14.44	54.20	Comments:No Change,,,,,,,,
EW09	11/23/2021 08:59	2.50	8.10	10.30	79.10	-4.25	-13.29	53.00	Comments:No Change,,,,,,,,
EW09	12/3/2021 14:44	2.00	10.50	10.80	76.70	-4.88	-14.42	41.90	Comments:No Change,,,,,,,,
EW09	12/21/2021 13:03	0.00	0.20	20.90	78.90	-0.49	-14.27	40.80	Comments:Valve slightly Open,,,,,,,,
EW10	1/7/2021 12:12	40.80	8.40	0.20	50.60	-1.26	-0.91	49.20	Comments:No Change,Watered In,,,,,,,,
EW10	1/20/2021 10:38	63.10	10.20	0.50	26.20	-0.82	0.01	43.70	Comments:No Change,Watered In,,,,,,,,
EW10	2/3/2021 09:40	56.30	8.40	0.00	35.30	-2.71	-0.52	43.40	Comments:No Change,Valve Wide Open,,,,,,,,
EW10	2/24/2021 11:07	64.80	6.10	1.40	27.70	-2.51	-2.58	61.20	Comments:Valve Wide Open,,,,,,,,
EW10	3/9/2021 12:15	70.20	16.00	1.00	12.80	-11.78	-11.80	62.80	Comments:Valve Wide Open,,,,,,,,
EW10	3/23/2021 11:40	24.20	14.30	0.00	61.50	-13.17	-12.72	53.50	Comments:No Change,Valve Wide Open,,,,,,,,
EW10	4/7/2021 09:07	25.40	15.30	0.10	59.20	-11.78	-11.59	51.10	Comments:No Change,Valve Wide Open,,,,,,,,
EW10	4/27/2021 13:00	11.80	13.00	0.20	75.00	-9.35	-9.43	69.10	Comments:Valve Wide Open,,,,,,,,
EW10	5/4/2021 12:14	11.50	12.20	0.50	75.80	-10.09	-10.07	74.80	Comments:Valve Wide Open,,,,,,,,
EW10	5/24/2021 12:16	11.70	14.80	0.40	73.10	-8.40	-8.40	62.90	Comments:Valve Wide Open,,,,,,,,
EW10	6/10/2021 10:00	9.50	16.80	0.00	73.70	-8.53	-8.50	65.50	Comments:No Change,,,,,,,,
EW10	6/29/2021 11:21	7.50	14.80	1.30	76.40	-7.41	-7.39	100.00	Comments:Valve Wide Open,,,,,,,,
EW10	7/6/2021 13:11	7.00	15.50	0.60	76.90	-7.43	-7.50	93.50	Comments:No Change,,,,,,,,
EW10	7/27/2021 10:56	7.40	15.30	0.70	76.60	-7.40	-7.24	93.70	Comments:No Change,Valve slightly Open,,,,,,,,
EW10	8/3/2021 14:15	7.10	14.90	0.40	77.60	-7.56	-7.47	104.00	Comments:No Change,Valve Wide Open,,,,,,,,
EW10	8/27/2021 12:43	7.60	19.00	0.00	73.40	-7.38	-7.32	74.90	Comments:No Change,Valve Wide Open,,,,,,,,
EW10	9/8/2021 14:42	7.20	18.50	1.10	73.20	-6.77	-6.65	98.10	Comments:No Change,,,,,,,,



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Eastgate Area Properties Landfill

Name	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	9/8/2021 14:42	7.20	18.50	1.10	73.20	-6.77	-6.65	98.10	
EW10	9/29/2021 12:07	6.50	18.50	0.30	74.70	-7.12	-7.15	71.40	Comments:Valve Wide Open,,,,,,,,
EW10	10/12/2021 15:07	6.80	19.60	0.30	73.30	-7.12	-7.07	54.10	Comments:No Change,,,,,,,,
EW10	10/26/2021 12:41	5.60	18.20	0.50	75.70	-7.00	-7.02	58.90	Comments:Valve Wide Open,,,,,,,,
EW10	11/9/2021 12:52	17.30	13.10	0.50	69.10	-0.38	-0.13	51.30	Comments:No Change,Watered In,,,,,,,,
EW10	11/23/2021 09:01	40.90	14.10	0.40	44.60	-1.61	-0.91	52.40	Comments:Valve Wide Open,,,,,,,,
EW10	12/3/2021 14:42	50.20	12.40	9.30	28.10	2.68	2.96	42.40	Comments:No Change,,,,,,,,
EW10	12/21/2021 13:05	54.80	8.00	0.60	36.60	3.09	2.97	40.70	Comments:Valve Wide Open,,,,,,,,
EW11	1/7/2021 12:16	0.20	0.70	21.20	77.90	-0.06	-0.05	49.40	Comments:No Change,,,,,,,,
EW11	1/20/2021 10:44	0.40	2.20	18.70	78.70	-1.26	0.08	47.70	Comments:No Change,Watered In,,,,,,,,
EW11	2/3/2021 09:45	55.90	16.80	4.70	22.60	-0.40	-0.46	44.60	Comments:No Change,Valve Wide Open,,,,,,,,
EW11	2/24/2021 11:08	1.20	1.50	20.00	77.30	-2.48	-2.58	60.80	Comments:Valve Wide Open,,,,,,,,
EW11	3/9/2021 12:17	15.10	9.00	8.90	67.00	-9.38	-9.29	61.30	Comments:Valve Wide Open,,,,,,,,
EW11	3/23/2021 11:37	12.60	9.10	7.00	71.30	-7.72	-7.08	54.70	Comments:No Change,Valve slightly Open,,,,,,,,
EW11	4/7/2021 09:11	8.50	8.20	10.70	72.60	-9.40	-8.60	49.80	Comments:No Change,Valve Wide Open,,,,,,,,
EW11	4/27/2021 13:02	13.10	15.40	1.40	70.10	-9.01	-9.01	70.20	Comments:Valve Wide Open,,,,,,,,
EW11	5/4/2021 12:16	12.70	14.10	1.30	71.90	-10.00	-9.99	70.00	Comments:Valve Wide Open,,,,,,,,
EW11	5/24/2021 12:18	15.60	17.10	0.50	66.80	-8.24	-8.23	62.00	Comments:Valve Wide Open,,,,,,,,
EW11	6/10/2021 10:06	14.00	16.90	1.50	67.60	-8.44	-8.24	82.30	Comments:No Change,Valve Wide Open,,,,,,,,
EW11	6/29/2021 11:23	14.80	16.80	0.40	68.00	-7.31	-7.32	99.00	Comments:Valve Wide Open,,,,,,,,
EW11	7/6/2021 13:12	15.20	17.90	0.90	66.00	-7.28	-7.28	88.40	Comments:Valve Wide Open,,,,,,,,



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Eastgate Area Properties Landfill

Name	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
EW11	7/27/2021 10:59	15.40	19.30	0.30	65.00	-7.25	-7.11	111.60	Comments:No Change,Valve slightly Open,,,,,
EW11	8/3/2021 14:17	13.80	17.10	0.60	68.50	-7.40	-7.27	102.70	Comments:No Change,Valve Wide Open,,,,,
EW11	8/27/2021 12:46	15.60	21.10	0.00	63.30	-7.23	-7.13	76.20	Comments:No Change,Valve Wide Open,,,,,
EW11	9/8/2021 14:44	15.90	20.50	0.40	63.20	-6.87	-6.76	95.90	Comments:No Change,,,,,
EW11	9/29/2021 12:09	15.20	20.60	0.50	63.70	-6.86	-6.85	69.80	Comments:Valve Wide Open,,,,,
EW11	10/12/2021 15:10	16.50	21.40	0.90	61.20	-7.04	-6.84	58.20	Comments:No Change,Valve Wide Open,,,,,
EW11	10/26/2021 12:43	17.90	22.20	0.10	59.80	-6.91	-6.91	59.90	Comments:Valve Wide Open,,,,,
EW11	11/9/2021 12:55	19.40	22.20	2.50	55.90	-1.55	-1.61	54.70	Comments:No Change,Watered In,,,,,
EW11	11/23/2021 09:03	29.60	21.70	0.70	48.00	-7.40	-8.15	52.00	Comments:No Change,,,,,
EW11	12/3/2021 14:28	34.50	23.80	7.60	34.10	-6.49	-6.62	40.60	Comments:No Change,,,,,
EW11	12/21/2021 13:07	50.70	23.00	0.50	25.80	-8.17	-8.52	41.20	Comments:No Change,,,,,
EW12	1/7/2021 12:21	23.90	12.20	0.00	63.90	-0.55	-0.52	48.70	Comments:No Change,Watered In,,,,,
EW12	1/20/2021 10:49	48.30	14.20	1.30	36.20	-0.32	-2.98	48.90	Comments:No Change,,,,,
EW12	2/3/2021 09:50	50.70	12.50	0.60	36.20	-0.84	-0.85	43.90	Comments:No Change,Valve slightly Open,,,,,
EW12	2/24/2021 11:10	26.90	15.60	0.80	56.70	-4.34	-4.36	60.80	Comments:No Change,,,,,
EW12	3/9/2021 12:19	14.80	14.90	6.20	64.10	-10.82	-10.83	64.20	Comments:No Change,,,,,
EW12	3/23/2021 11:34	13.10	15.80	6.10	65.00	-9.04	-10.08	49.00	Comments:No Change,Valve slightly Open,,,,,
EW12	4/7/2021 09:13	10.90	11.70	10.10	67.30	-9.67	-10.47	50.40	Comments:No Change,Valve slightly Open,,,,,
EW12	4/27/2021 13:04	9.10	15.10	4.90	70.90	-6.58	-6.61	71.30	Comments:Valve slightly Open,,,,,
EW12	5/4/2021 12:17	5.30	11.20	6.20	77.30	-8.40	-9.38	71.60	Comments:No Change,,,,,
EW12	5/24/2021 12:19	3.60	13.20	7.30	75.90	-7.60	-7.60	62.50	Comments:Valve slightly Open,,,,,
EW12	6/10/2021 10:08	3.00	11.00	7.90	78.10	-7.37	-8.12	74.30	Comments:No Change,Valve slightly Open,,,,,



Table 2. LFG Extraction Well Monitoring Results January 2021 Through December 2021
Eastgate Area Properties Landfill

Name	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	6/29/2021 11:25	3.20	11.00	7.20	78.60	-6.36	-6.36	100.70	Comments:Valve slightly Open,,,,,,,,
EW12	7/6/2021 13:14	3.10	12.30	8.30	76.30	-6.26	-6.25	91.70	Comments:No Change,,,,,,,,
EW12	7/27/2021 11:04	2.30	9.00	8.70	80.00	-5.95	-7.07	88.50	Comments:No Change,,,,,,,,
EW12	8/3/2021 14:19	2.10	9.10	8.60	80.20	-6.06	-7.34	102.80	Comments:No Change,Valve slightly Open,,,,,,,,
EW12	8/27/2021 12:49	2.10	11.20	8.80	77.90	-5.73	-7.20	76.50	Comments:No Change,Valve slightly Open,,,,,,,,
EW12	9/8/2021 14:46	2.30	10.90	8.90	77.90	-5.23	-6.83	97.20	Comments:No Change,,,,,,,,
EW12	9/29/2021 12:11	2.10	11.60	8.70	77.60	-5.08	-6.83	69.30	Comments:No Change,,,,,,,,
EW12	10/12/2021 15:12	2.30	11.90	8.70	77.10	-5.02	-6.95	54.90	Comments:No Change,Valve slightly Open,,,,,,,,
EW12	10/26/2021 12:45	2.00	11.90	9.20	76.90	-4.94	-6.85	61.20	Comments:No Change,,,,,,,,
EW12	11/9/2021 12:57	2.00	9.80	2.50	85.70	-0.32	-0.24	51.40	Comments:No Change,Watered In,,,,,,,,
EW12	11/23/2021 09:05	9.50	9.60	1.90	79.00	-0.35	-0.32	52.20	Comments:No Change,,,,,,,,
EW12	12/3/2021 14:30	10.30	13.50	11.50	64.70	-0.11	-0.11	40.40	Comments:No Change,Watered In,,,,,,,,
EW12	12/21/2021 13:09	32.20	15.10	0.50	52.20	0.13	-0.02	41.40	Comments:No Change,,,,,,,,
EW13	1/7/2021 12:24	0.20	14.20	8.00	77.60	-0.34	-0.27	48.10	Comments:No Change,Watered In,,,,,,,,
EW13	1/20/2021 10:52	0.20	13.00	10.10	76.70	-0.13	-2.30	43.50	Comments:No Change,,,,,,,,
EW13	2/3/2021 09:54	1.70	10.30	10.20	77.80	-0.97	-0.94	44.40	Comments:No Change,Valve slightly Open,,,,,,,,
EW13	2/24/2021 11:11	1.50	11.40	10.60	76.50	-0.53	-4.55	60.60	Comments:No Change,,,,,,,,
EW13	3/9/2021 12:21	0.50	7.00	14.90	77.60	-1.26	-11.64	66.10	Comments:No Change,,,,,,,,
EW13	3/23/2021 11:31	0.20	6.20	14.10	79.50	-0.41	-10.19	50.10	Comments:No Change,Valve slightly Open,,,,,,,,
EW13	4/7/2021 09:16	0.20	6.20	15.60	78.00	-0.54	-10.49	49.60	Comments:No Change,Valve Closed,,,,,,,,
EW13	4/27/2021 13:06	0.70	7.90	13.60	77.80	-0.65	-6.91	69.20	Comments:Valve slightly Open,,,,,,,,
EW13	5/4/2021 12:19	0.50	6.70	14.30	78.50	-0.79	-9.79	73.30	Comments:Valve slightly Open,,,,,,,,
EW13	5/24/2021 12:21	0.40	7.00	14.10	78.50	-0.44	-8.59	62.80	Comments:Valve slightly Open,,,,,,,,



Table 2. LFG Extraction Well Monitoring Results January 2021 Through December 2021
Eastgate Area Properties Landfill

Name	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	6/10/2021 10:11	0.20	7.10	12.40	80.30	-0.76	-8.35	69.40	Comments:No Change,Valve slightly Open,,,,,
EW13	6/29/2021 11:26	0.00	1.70	19.60	78.70	-0.02	-4.39	102.00	Comments:Valve slightly Open,,,,,,
EW13	7/6/2021 13:20	0.10	2.70	17.50	79.70	-0.10	-7.23	93.90	Comments:No Change,,,,,,
EW13	7/27/2021 11:06	0.40	7.30	12.00	80.30	-0.19	-7.09	90.50	Comments:No Change,Valve slightly Open,,,,,
EW13	8/3/2021 14:21	0.30	6.70	12.50	80.50	-0.14	-7.30	104.70	Comments:No Change,Valve slightly Open,,,,,
EW13	8/27/2021 12:51	0.40	8.90	11.90	78.80	-0.37	-7.13	77.00	Comments:No Change,Valve slightly Open,,,,,
EW13	9/8/2021 14:47	0.30	7.90	12.50	79.30	-0.12	-6.74	97.70	Comments:No Change,,,,,,
EW13	9/29/2021 12:12	0.40	9.60	11.50	78.50	-0.33	-6.73	68.70	Comments:No Change,,,,,,
EW13	10/12/2021 15:13	0.20	8.10	13.30	78.40	-0.13	-6.90	50.80	Comments:No Change,Valve slightly Open,,,,,
EW13	10/26/2021 12:47	0.30	10.30	11.40	78.00	-0.36	-6.81	60.40	Comments:Valve slightly Open,,,,,,
EW13	11/9/2021 12:59	0.10	2.60	17.70	79.60	-0.66	-0.63	50.40	Comments:No Change,Watered In,,,,,
EW13	11/23/2021 09:06	0.70	6.50	13.50	79.30	-0.78	-0.73	52.40	Comments:No Change,,,,,,
EW13	12/3/2021 14:32	12.90	14.60	15.20	57.30	-0.06	-0.07	42.80	Comments:No Change,Watered In,,,,,
EW13	12/21/2021 13:10	4.90	9.10	7.50	78.50	-0.03	-0.02	42.30	Comments:No Change,,,,,,
EW14	1/7/2021 12:28	24.80	22.30	3.30	49.60	-2.06	-1.14	48.50	Comments:No Change,,,,,,
EW14	1/20/2021 11:01	0.20	10.40	8.20	81.20	-0.44	-2.47	41.30	Comments:No Change,,,,,,
EW14	2/3/2021 09:58	2.90	11.40	9.70	76.00	-1.25	-0.93	45.20	Comments:No Change,Valve slightly Open,,,,,
EW14	2/24/2021 11:13	0.40	10.00	11.80	77.80	-1.05	-4.85	59.60	Comments:No Change,,,,,,
EW14	3/9/2021 12:23	0.30	7.90	12.60	79.20	-1.16	-11.57	66.70	Comments:No Change,,,,,,
EW14	3/23/2021 11:28	0.00	5.00	15.90	79.10	-0.92	-10.74	48.80	Comments:No Change,Valve slightly Open,,,,,
EW14	4/7/2021 09:19	0.10	7.70	13.30	78.90	-0.96	-11.32	48.80	Comments:No Change,Valve slightly Open,,,,,
EW14	4/27/2021 13:08	0.00	5.70	15.50	78.80	-0.72	-8.91	69.00	Comments:Valve slightly Open,,,,,,



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Eastgate Area Properties Landfill

Name	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	5/4/2021 12:20	0.10	5.70	14.90	79.30	-0.90	-9.89	74.00	Comments:Valve slightly Open,,,,,,,,
EW14	5/24/2021 12:23	0.10	6.60	13.80	79.50	-0.70	-8.73	61.20	Comments:Valve slightly Open,,,,,,,,
EW14	6/10/2021 10:13	0.00	5.60	14.00	80.40	-0.63	-8.36	68.40	Comments:No Change,Valve slightly Open,,,,,,,,
EW14	6/29/2021 11:27	0.00	4.40	13.30	82.30	-0.44	-7.23	101.40	Comments:Valve slightly Open,,,,,,,,
EW14	7/6/2021 13:22	0.10	5.50	14.00	80.40	-0.25	-7.16	93.50	Comments:No Change,,,,,,,,
EW14	7/27/2021 11:09	0.10	6.80	12.30	80.80	-0.39	-7.13	85.40	Comments:No Change,Valve slightly Open,,,,,,,,
EW14	8/3/2021 14:25	0.20	7.30	11.50	81.00	-0.38	-7.35	103.70	Comments:No Change,,,,,,,,
EW14	8/27/2021 12:54	0.10	6.80	13.50	79.60	-0.68	-7.21	75.60	Comments:No Change,Valve slightly Open,,,,,,,,
EW14	9/8/2021 14:49	0.10	6.80	13.60	79.50	-0.50	-6.84	98.50	Comments:No Change,Valve slightly Open,,,,,,,,
EW14	9/29/2021 12:14	0.00	7.50	13.30	79.20	-0.62	-6.81	67.30	Comments:No Change,,,,,,,,
EW14	10/12/2021 15:16	0.10	8.00	11.80	80.10	-0.25	-6.95	54.90	Comments:No Change,,,,,,,,
EW14	10/26/2021 12:49	0.00	7.60	13.60	78.80	-0.48	-6.86	60.50	Comments:Valve slightly Open,,,,,,,,
EW14	11/9/2021 13:01	5.60	10.80	10.70	72.90	-1.03	-8.46	52.80	Comments:No Change,,,,,,,,
EW14	11/23/2021 09:08	3.70	10.00	7.20	79.10	-1.25	-11.63	52.60	Comments:No Change,,,,,,,,
EW14	12/3/2021 14:34	3.40	10.20	6.70	79.70	-0.31	-11.71	40.30	Comments:No Change,,,,,,,,
EW14	12/21/2021 13:12	16.50	17.10	0.40	66.00	-0.49	-12.09	42.80	Comments:No Change,,,,,,,,
EW15	1/7/2021 12:32	23.30	20.30	0.00	56.40	-7.65	-7.50	48.40	Comments:No Change,,,,,,,,
EW15	1/20/2021 11:04	15.70	15.70	3.90	64.70	-14.41	-16.63	42.40	Comments:No Change,,,,,,,,
EW15	2/3/2021 10:15	25.30	19.10	0.00	55.60	-8.77	-8.91	42.70	Comments:No Change,Valve slightly Open,,,,,,,,
EW15	2/24/2021 11:15	12.50	8.80	11.00	67.70	-11.51	-11.50	59.10	Comments:Valve slightly Open,,,,,,,,
EW15	3/9/2021 12:25	14.50	13.50	5.50	66.50	-9.63	-11.41	66.70	Comments:No Change,,,,,,,,
EW15	3/23/2021 11:26	7.00	10.00	8.10	74.90	-8.06	-10.22	51.10	Comments:No Change,Valve slightly Open,,,,,,,,
EW15	4/7/2021 09:23	8.50	12.40	6.50	72.60	-9.64	-11.25	49.30	Comments:Valve slightly Open,,,,,,,,



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Eastgate Area Properties Landfill

Name	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	4/27/2021 13:09	4.40	8.30	9.80	77.50	-4.55	-6.99	67.60	Comments:No Change,,,,,,,,
EW15	5/4/2021 12:22	4.10	8.40	9.70	77.80	-4.99	-7.81	72.80	Comments:No Change,,,,,,,,
EW15	5/24/2021 12:25	3.40	8.40	10.60	77.60	-3.73	-6.90	60.30	Comments:No Change,,,,,,,,
EW15	6/10/2021 10:16	2.30	7.50	10.70	79.50	-2.40	-6.62	62.20	Comments:No Change,Valve slightly Open,,,,,,,,
EW15	6/29/2021 11:29	1.10	5.80	12.00	81.10	-1.67	-6.15	99.40	Comments:No Change,,,,,,,,
EW15	7/6/2021 13:27	1.50	6.50	12.70	79.30	-1.34	-6.05	89.30	Comments:No Change,,,,,,,,
EW15	7/27/2021 11:11	0.70	6.20	12.20	80.90	-0.88	-5.97	82.40	Comments:No Change,Valve slightly Open,,,,,,,,
EW15	8/3/2021 14:29	0.70	6.00	12.30	81.00	-0.88	-6.21	101.50	Comments:No Change,,,,,,,,
EW15	8/27/2021 12:56	0.30	6.60	12.80	80.30	-1.11	-6.25	76.10	Comments:No Change,Valve slightly Open,,,,,,,,
EW15	8/27/2021 12:56	0.30	6.60	12.80	80.30	-1.11	-6.25	76.10	Comments:No Change,,,,,,,,
EW15	9/8/2021 14:51	0.30	6.60	12.30	80.80	-0.48	-5.86	97.20	Comments:No Change,Valve slightly Open,,,,,,,,
EW15	9/29/2021 12:16	0.10	7.10	13.20	79.60	-0.93	-6.02	67.80	Comments:No Change,,,,,,,,
EW15	10/12/2021 15:18	0.60	8.70	11.00	79.70	-0.75	-6.04	54.10	Comments:No Change,Valve slightly Open,,,,,,,,
EW15	10/12/2021 15:36	1.90	9.40	10.10	78.60	-4.03	-9.69	59.40	Comments:No Change,Valve slightly Open,,,,,,,,
EW15	10/26/2021 12:51	0.00	6.80	14.20	79.00	-0.83	-5.56	60.70	Comments:Valve slightly Open,,,,,,,,
EW15	11/9/2021 13:03	0.40	6.50	14.30	78.80	-1.31	-8.72	52.50	Comments:No Change,,,,,,,,
EW15	11/23/2021 09:10	1.90	9.60	10.50	78.00	-2.88	-11.62	52.40	Comments:No Change,,,,,,,,
EW15	12/3/2021 14:36	1.90	5.30	15.70	77.10	-3.09	-11.69	40.70	Comments:No Change,,,,,,,,
EW15	12/3/2021 14:36	1.90	5.30	15.70	77.10	-3.09	-11.69	40.70	Comments:No Change,,,,,,,,
EW15	12/21/2021 13:13	14.90	16.30	1.40	67.40	-3.68	-12.21	42.80	Comments:No Change,,,,,,,,
EW16	1/7/2021 10:23	0.10	7.40	10.60	81.90	-17.54	-20.33	53.00	Comments:No Change,,,,,,,,
EW16	1/20/2021 11:52	0.40	7.20	8.90	83.50	-14.70	-16.71	51.10	Comments:No Change,,,,,,,,
EW16	2/3/2021 10:32	0.00	8.40	11.00	80.60	-18.55	-18.62	43.50	Comments:No Change,,,,,,,,
EW16	2/24/2021 11:27	0.20	6.80	11.00	82.00	-12.58	-12.56	59.30	Comments:No Change,,,,,,,,
EW16	3/9/2021 12:48	0.10	6.70	9.30	83.90	-11.29	-11.28	71.60	Comments:No Change,,,,,,,,



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Eastgate Area Properties Landfill

Name	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	3/23/2021 10:39	0.00	6.30	12.60	81.10	-6.57	-6.41	54.10	Comments:No Change,Valve slightly Open,,,,,
EW16	4/7/2021 09:29	0.10	8.20	11.30	80.40	-11.39	-11.34	49.50	Comments:No Change,Valve slightly Open,,,,,
EW16	4/27/2021 13:21	0.00	6.30	12.80	80.90	-7.27	-7.19	73.10	Comments:No Change,,,,,,
EW16	5/4/2021 12:34	0.00	6.10	13.20	80.70	-7.93	-7.91	74.20	Comments:No Change,,,,,,
EW16	5/24/2021 12:48	0.00	6.60	12.90	80.50	-7.05	-7.05	68.20	Comments:No Change,,,,,,
EW16	6/10/2021 09:00	0.30	4.90	12.90	81.90	-6.79	-6.77	58.40	Comments:No Change,,,,,,
EW16	6/29/2021 11:40	0.00	3.20	15.30	81.50	-6.22	-6.23	95.60	Comments:Valve slightly Open,,,,,,
EW16	7/6/2021 13:37	0.20	4.10	15.60	80.10	-6.18	-6.18	83.60	Comments:No Change,,,,,,
EW16	7/27/2021 10:02	0.20	4.90	13.60	81.30	-6.40	-6.48	68.90	Comments:No Change,,,,,,
EW16	8/3/2021 13:34	0.40	4.80	12.40	82.40	-6.43	-6.50	85.40	Comments:No Change,,,,,,
EW16	8/27/2021 11:19	0.40	6.40	10.40	82.80	-6.33	-6.42	64.40	Comments:No Change,Valve slightly Open,,,,,
EW16	9/8/2021 14:07	0.40	6.30	11.70	81.60	-6.00	-6.17	76.50	Comments:No Change,Valve slightly Open,,,,,
EW16	9/29/2021 12:25	0.40	7.20	10.70	81.70	-5.93	-5.93	68.10	Comments:No Change,,,,,,
EW16	10/12/2021 14:15	0.20	8.00	10.80	81.00	-6.02	-6.29	49.40	Comments:No Change,Valve slightly Open,,,,,
EW16	10/26/2021 13:05	0.20	7.90	10.90	81.00	-5.62	-5.62	63.80	Comments:No Change,,,,,,
EW16	11/9/2021 11:39	0.00	8.20	10.20	81.60	-8.48	-8.77	53.80	Comments:No Change,Valve slightly Open,,,,,
EW16	11/23/2021 09:25	0.00	8.70	9.60	81.70	-11.75	-11.77	54.10	Comments:No Change,,,,,,
EW16	12/3/2021 13:56	0.00	9.50	9.10	81.40	-11.50	-11.67	0.00	Comments:No Change,,,,,,
EW16	12/21/2021 13:23	0.90	10.60	6.90	81.60	-12.27	-12.28	47.70	Comments:No Change,,,,,,
EW17	1/7/2021 10:27	0.00	3.90	16.90	79.20	-8.51	-20.10	53.70	Comments:No Change,Valve slightly Open,,,,,
EW17	1/20/2021 11:17	0.00	4.80	15.50	79.70	-6.74	-16.61	44.40	Comments:No Change,Valve slightly Open,,,,,
EW17	2/3/2021 08:38	0.00	2.90	17.10	80.00	-9.72	-19.64	34.30	Comments:No Change,Valve slightly Open,,,,,
EW17	2/24/2021 11:22	0.40	5.00	17.00	77.60	-6.33	-12.65	58.30	Comments:No Change,,,,,,
EW17	3/9/2021 12:33	0.00	3.80	16.90	79.30	-5.60	-11.47	66.40	Comments:No Change,,,,,,



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Eastgate Area Properties Landfill

Name	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
EW17	3/23/2021 11:09	0.00	0.20	20.40	79.40	-5.43	-10.47	52.40	Comments:No Change,Valve slightly Open,,,,,
EW17	4/7/2021 08:42	0.00	0.30	20.90	78.80	-5.65	-11.23	50.80	Comments:No Change,,,,,,
EW17	4/27/2021 13:16	0.30	3.90	17.60	78.20	-3.62	-7.12	70.50	Comments:No Change,,,,,,
EW17	5/4/2021 12:30	0.00	2.60	18.20	79.20	-4.01	-7.97	72.20	
EW17	5/24/2021 11:47	0.00	3.80	17.00	79.20	-3.32	-7.18	70.10	Comments:No Change,,,,,,
EW17	6/10/2021 10:24	0.00	3.20	16.90	79.90	-2.99	-6.82	63.30	Comments:No Change,Valve slightly Open,,,,,
EW17	6/29/2021 11:37	0.00	2.70	17.10	80.20	-2.62	-6.32	100.30	Comments:No Change,,,,,,
EW17	7/6/2021 13:32	0.10	2.90	17.50	79.50	-2.32	-6.30	92.20	Comments:No Change,,,,,,
EW17	7/27/2021 10:19	0.00	2.30	17.80	79.90	-2.63	-6.42	73.70	Comments:No Change,Valve slightly Open,,,,,
EW17	8/3/2021 13:38	0.00	1.90	18.80	79.30	-2.44	-6.60	91.60	Comments:No Change,Valve slightly Open,,,,,
EW17	8/27/2021 11:23	0.00	3.00	17.70	79.30	-2.42	-6.28	61.00	Comments:No Change,,,,,,
EW17	9/8/2021 14:11	0.00	1.90	18.40	79.70	-2.27	-6.16	94.90	Comments:No Change,Valve slightly Open,,,,,
EW17	9/29/2021 12:22	0.70	5.90	16.30	77.10	-2.17	-6.21	64.40	Comments:No Change,,,,,,
EW17	10/12/2021 14:20	0.00	3.70	16.90	79.40	-1.92	-6.33	50.30	Comments:No Change,Valve slightly Open,,,,,
EW17	10/26/2021 12:59	0.20	4.70	17.20	77.90	-1.90	-5.79	60.60	Comments:Valve slightly Open,,,,,,
EW17	11/9/2021 11:41	0.00	4.00	16.70	79.30	-4.35	-8.71	50.70	Comments:No Change,Valve slightly Open,,,,,
EW17	11/23/2021 09:23	0.70	11.60	4.80	82.90	-11.66	-11.68	56.10	Comments:No Change,,,,,,
EW17	12/3/2021 14:38	0.00	3.80	17.80	78.40	-4.34	-11.67	40.80	Comments:No Change,,,,,,
EW17	12/21/2021 12:43	13.20	10.80	4.20	71.80	-4.50	-4.51	46.70	Comments:No Change,,,,,,
EW18	1/7/2021 10:31	0.00	3.90	16.70	79.40	-16.45	-19.93	47.20	Comments:No Change,Valve Wide Open,,,,,
EW18	1/20/2021 09:40	0.00	3.50	14.90	81.60	-14.71	-17.20	40.70	Comments:No Change,,,,,,
EW18	2/3/2021 08:41	0.00	3.80	16.50	79.70	-16.20	-19.38	37.10	Comments:No Change,Valve Wide Open,,,,,
EW18	2/24/2021 10:41	0.10	3.60	17.60	78.70	-11.50	-11.46	71.60	Comments:Valve Wide Open,,,,,,



Table 2. LFG Extraction Well Monitoring Results January 2021 Through December 2021
Eastgate Area Properties Landfill

Name	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	3/9/2021 11:54	0.00	2.90	16.70	80.40	-10.26	-10.89	59.10	Comments:Valve Wide Open,,,,,,,,
EW18	3/23/2021 10:47	0.00	3.70	16.40	79.90	-10.73	-11.21	48.60	Comments:No Change,Valve Wide Open,,,,,,,,
EW18	4/7/2021 08:46	0.00	3.20	17.10	79.70	-10.15	-11.01	50.20	Comments:No Change,Valve Wide Open,,,,,,,,
EW18	4/27/2021 12:36	0.00	3.20	17.10	79.70	-6.60	-6.59	74.90	Comments:Valve Wide Open,,,,,,,,
EW18	5/4/2021 11:55	0.10	3.10	17.80	79.00	-7.35	-7.35	77.20	Comments:Valve Wide Open,,,,,,,,
EW18	5/24/2021 11:50	0.00	3.30	17.00	79.70	-6.56	-7.01	69.60	Comments:Valve Wide Open,,,,,,,,
EW18	6/10/2021 09:07	0.00	3.10	17.50	79.40	-6.10	-6.86	59.60	Comments:No Change,,,,,,,,
EW18	6/29/2021 11:00	0.10	3.40	16.30	80.20	-5.45	-5.83	93.30	Comments:Valve Wide Open,,,,,,,,
EW18	7/6/2021 12:34	0.30	3.70	16.70	79.30	-5.34	-5.83	83.90	Comments:Valve Wide Open,,,,,,,,
EW18	7/27/2021 10:16	0.00	3.10	16.80	80.10	-5.34	-6.42	76.20	Comments:No Change,Valve Wide Open,,,,,,,,
EW18	8/3/2021 13:41	0.00	2.80	16.90	80.30	-5.33	-6.44	92.90	Comments:No Change,,,,,,,,
EW18	8/27/2021 11:27	0.00	3.20	17.40	79.40	-5.11	-6.46	63.50	Comments:No Change,,,,,,,,
EW18	9/8/2021 14:16	0.00	3.20	16.70	80.10	-4.78	-4.77	91.90	Comments:No Change,,,,,,,,
EW18	9/29/2021 11:48	0.00	3.70	16.70	79.60	-4.73	-5.59	71.70	Comments:Valve Wide Open,,,,,,,,
EW18	10/12/2021 14:26	0.00	3.40	17.10	79.50	-4.62	-6.25	53.50	Comments:No Change,,,,,,,,
EW18	10/26/2021 12:17	0.10	4.20	16.80	78.90	-4.29	-5.21	63.10	Comments:Valve Wide Open,,,,,,,,
EW18	11/9/2021 11:44	0.00	3.80	17.00	79.20	-10.28	-11.86	52.20	Comments:No Change,,,,,,,,
EW18	11/23/2021 08:38	0.00	4.00	17.40	78.60	-10.27	-11.05	58.60	Comments:Valve Wide Open,,,,,,,,
EW18	12/3/2021 14:02	0.00	3.70	16.90	79.40	-10.16	-10.14	44.10	Comments:No Change,Valve Wide Open,,,,,,,,
EW18	12/3/2021 14:05	0.00	3.90	17.30	78.80	-4.38	-11.64	43.80	Comments:No Change,,,,,,,,
EW18	12/21/2021 12:45	0.20	4.40	16.40	79.00	-10.96	-11.60	44.50	Comments:Valve Wide Open,,,,,,,,
EW19	1/7/2021 12:41	23.70	18.30	0.00	58.00	-1.74	-0.28	47.60	Comments:No Change,,,,,,,,



Table 2. LFG Extraction Well Monitoring Results January 2021 Through December 2021
Eastgate Area Properties Landfill

Name	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	1/20/2021 11:21	25.60	16.20	0.50	57.70	-0.31	0.08	57.30	Comments:No Change,,,,,,,,
EW19	2/3/2021 10:26	8.10	13.50	3.40	75.00	-0.38	-0.36	45.10	Comments:No Change,Valve slightly Open,,,,,,,,
EW19	2/24/2021 11:20	23.50	13.10	0.50	62.90	-0.08	-0.10	58.50	Comments:No Change,,,,,,,,
EW19	3/9/2021 12:29	7.70	6.60	13.50	72.20	-9.28	-9.27	67.40	Comments:No Change,,,,,,,,
EW19	3/23/2021 11:15	7.60	6.00	12.90	73.50	-9.11	-14.59	56.30	Comments:No Change,Valve slightly Open,,,,,,,,
EW19	4/7/2021 08:49	9.10	7.40	12.80	70.70	-8.88	-14.22	49.60	Comments:No Change,Valve slightly Open,,,,,,,,
EW19	4/27/2021 13:14	7.70	7.40	11.90	73.00	-6.94	-10.90	69.10	Comments:No Change,,,,,,,,
EW19	5/4/2021 12:26	9.50	7.00	11.10	72.40	-7.36	-11.99	70.90	Comments:No Change,,,,,,,,
EW19	5/24/2021 12:30	11.70	11.20	7.30	69.80	-6.81	-11.10	59.50	Comments:No Change,,,,,,,,
EW19	6/10/2021 10:27	8.80	9.40	8.60	73.20	-6.54	-10.77	62.90	Comments:No Change,Valve slightly Open,,,,,,,,
EW19	6/29/2021 11:33	9.00	9.40	7.50	74.10	-6.07	-6.07	98.20	Comments:Valve slightly Open,,,,,,,,
EW19	7/6/2021 13:31	8.90	11.10	8.60	71.40	-5.96	-9.93	91.80	Comments:No Change,,,,,,,,
EW19	7/27/2021 10:22	9.70	10.10	8.00	72.20	-6.30	-10.13	90.70	Comments:No Change,,,,,,,,
EW19	8/3/2021 13:45	10.30	11.80	6.50	71.40	-6.41	-10.37	100.20	Comments:No Change,,,,,,,,
EW19	8/27/2021 13:06	10.70	14.90	4.50	69.90	-6.16	-8.16	78.30	Comments:Valve Wide Open,,,,,,,,
EW19	9/8/2021 14:14	9.40	11.70	8.10	70.80	-9.19	-9.82	102.30	Comments:No Change,,,,,,,,
EW19	9/29/2021 12:20	9.50	14.30	4.90	71.30	-9.01	-9.02	64.70	Comments:No Change,,,,,,,,
EW19	10/12/2021 14:22	10.50	16.10	4.50	68.90	-9.62	-10.34	52.40	Comments:No Change,Valve slightly Open,,,,,,,,
EW19	10/26/2021 12:55	9.90	15.90	4.60	69.60	-8.92	-8.95	59.30	Comments:No Change,,,,,,,,
EW19	11/9/2021 11:47	20.10	19.00	1.10	59.80	-0.75	-0.75	53.80	Comments:No Change,Watered In,,,,,,,,
EW19	11/23/2021 09:14	20.40	19.90	0.20	59.50	-0.38	-0.70	52.00	Comments:No Change,,,,,,,,
EW19	12/3/2021 14:09	18.50	18.00	1.90	61.60	-0.49	-0.39	41.60	Comments:No Change,,,,,,,,
EW19	12/21/2021 13:16	5.90	8.60	9.40	76.10	-0.05	-0.05	40.50	Comments:No Change,,,,,,,,
EW20	1/7/2021 12:38	8.80	9.80	5.00	76.40	-0.58	-0.54	48.60	Comments:No Change,Watered In,,,,,,,,



Table 2. LFG Extraction Well Monitoring Results January 2021 Through December 2021
Eastgate Area Properties Landfill

Name	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	1/20/2021 10:40	11.10	6.40	5.10	77.40	-1.42	-0.05	42.80	Comments:No Change,Watered In,,,,,
EW20	2/3/2021 10:12	1.30	2.30	18.80	77.60	-1.61	-0.37	43.10	Comments:No Change,Valve slightly Open,,,,,
EW20	2/24/2021 11:17	0.20	2.10	20.60	77.10	-0.32	-0.26	58.80	Comments:No Change,,,,,
EW20	3/9/2021 12:27	6.30	5.10	14.50	74.10	-14.43	-14.43	66.10	Comments:No Change,,,,,
EW20	3/23/2021 11:23	1.10	0.90	19.30	78.70	-14.55	-14.26	55.10	Comments:No Change,Valve slightly Open,,,,,
EW20	4/7/2021 10:41	0.00	0.60	20.00	79.40	-14.08	-13.94	55.40	Comments:No Change,Valve slightly Open,,,,,
EW20	4/27/2021 13:11	0.30	5.20	15.50	79.00	-10.04	-10.02	66.80	Comments:Valve slightly Open,,,,,
EW20	5/4/2021 12:24	0.30	4.00	17.20	78.50	-6.60	-11.94	70.80	Comments:No Change,,,,,
EW20	5/24/2021 12:27	1.30	4.70	16.10	77.90	-4.89	-11.16	60.10	Comments:Valve slightly Open,,,,,
EW20	6/10/2021 10:20	1.70	4.40	14.50	79.40	-3.82	-3.80	71.90	Comments:No Change,Valve slightly Open,,,,,
EW20	6/29/2021 11:31	1.20	4.50	13.70	80.60	-3.10	-9.79	97.70	Comments:No Change,,,,,
EW20	7/6/2021 13:29	1.40	5.10	14.60	78.90	-2.84	-9.85	88.20	Comments:No Change,,,,,
EW20	7/27/2021 11:01	1.30	7.00	11.20	80.50	-2.58	-10.03	109.30	Comments:No Change,Valve slightly Open,,,,,
EW20	8/3/2021 14:33	0.00	0.80	20.00	79.20	-1.36	-10.37	103.80	Comments:No Change,,,,,
EW20	8/27/2021 13:01	0.00	1.00	20.60	78.40	-0.13	-10.52	78.10	Comments:No Change,Valve slightly Open,,,,,
EW20	9/8/2021 14:53	0.00	0.10	20.30	79.60	-1.21	-9.85	99.00	Comments:No Change,,,,,
EW20	9/29/2021 12:18	1.00	7.70	12.00	79.30	-2.37	-9.99	67.10	Comments:No Change,,,,,
EW20	10/12/2021 12:45	2.00	9.30	10.10	78.60	-3.75	-8.98	56.30	Comments:No Change,,,,,
EW20	10/26/2021 12:53	2.00	8.20	12.60	77.20	-4.15	-9.80	61.50	Comments:No Change,,,,,
EW20	11/9/2021 13:06	0.50	6.20	10.60	82.70	-0.63	-0.78	51.20	Comments:No Change,Watered In,,,,,
EW20	11/23/2021 09:12	2.30	6.40	10.10	81.20	-0.93	-1.38	52.70	Comments:No Change,,,,,
EW20	12/3/2021 14:26	11.10	8.60	18.40	61.90	-0.20	-0.22	44.50	Comments:No Change,Watered In,,,,,
EW20	12/21/2021 13:15	15.40	10.80	4.70	69.10	-0.61	-0.64	41.40	Comments:No Change,,,,,
EW21	1/7/2021 12:44	1.10	7.40	12.00	79.50	-23.98	-23.68	47.80	Comments:No Change,,,,,



Table 2. LFG Extraction Well Monitoring Results January 2021 Through December 2021
Eastgate Area Properties Landfill

Name	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	1/20/2021 11:26	1.50	11.60	8.60	78.30	-7.26	-20.60	51.60	Comments:No Change,,,,,,,,
EW21	2/3/2021 10:23	1.00	10.90	9.30	78.80	-18.27	-21.06	43.60	Comments:No Change,Valve slightly Open,,,,,,,,
EW21	2/24/2021 11:04	0.00	1.50	20.30	78.20	-6.04	-14.81	62.30	Comments:Valve slightly Open,,,,,,,,
EW21	3/9/2021 12:05	0.90	7.80	10.80	80.50	-5.13	-12.31	60.20	Comments:No Change,,,,,,,,
EW21	3/23/2021 11:45	0.80	9.00	10.60	79.60	-4.67	-13.92	50.60	Comments:No Change,Valve slightly Open,,,,,,,,
EW21	4/7/2021 08:53	0.80	10.10	9.90	79.20	-4.88	-13.71	48.60	Comments:No Change,Valve Wide Open,,,,,,,,
EW21	4/27/2021 12:48	0.60	9.00	9.70	80.70	-3.49	-3.52	69.00	Comments:No Change,,,,,,,,
EW21	5/4/2021 12:06	0.50	8.00	10.00	81.50	-3.77	-3.76	73.60	Comments:No Change,,,,,,,,
EW21	5/24/2021 12:06	0.60	11.00	8.70	79.70	-3.10	-3.07	63.30	Comments:No Change,,,,,,,,
EW21	6/10/2021 09:35	0.40	9.30	8.80	81.50	-2.94	-10.46	66.20	Comments:No Change,,,,,,,,
EW21	6/29/2021 11:12	0.40	9.90	7.40	82.30	-2.90	-10.02	95.40	Comments:No Change,,,,,,,,
EW21	7/6/2021 12:52	0.00	0.20	20.60	79.20	-2.64	-10.03	91.90	Comments:No Change,,,,,,,,
EW21	7/27/2021 10:41	0.00	0.80	20.10	79.10	-2.60	-10.25	87.20	Comments:No Change,Valve slightly Open,,,,,,,,
EW21	8/3/2021 14:07	0.00	0.30	20.30	79.40	-2.70	-10.50	103.40	Comments:No Change,Valve slightly Open,,,,,,,,
EW21	8/27/2021 13:09	0.10	2.90	18.00	79.00	-2.46	-10.46	78.00	Comments:No Change,Valve slightly Open,,,,,,,,
EW21	9/8/2021 14:32	0.00	0.10	20.40	79.50	-2.28	-10.10	95.70	Comments:No Change,,,,,,,,
EW21	9/29/2021 11:58	0.10	3.10	18.30	78.50	-2.28	-10.26	70.40	Comments:No Change,,,,,,,,
EW21	10/12/2021 14:56	0.30	6.70	13.70	79.30	-2.30	-10.72	52.90	Comments:No Change,Valve slightly Open,,,,,,,,
EW21	10/26/2021 12:32	0.40	8.50	11.70	79.40	-2.28	-10.40	59.80	Comments:Valve slightly Open,,,,,,,,
EW21	11/9/2021 13:08	0.10	1.00	19.80	79.10	-4.38	-17.52	52.30	Comments:No Change,,,,,,,,
EW21	11/23/2021 08:51	0.60	9.80	10.70	78.90	-5.55	-16.98	55.20	Comments:No Change,,,,,,,,
EW21	12/3/2021 14:24	0.10	0.80	20.50	78.60	-6.44	-18.09	43.80	Comments:No Change,,,,,,,,
EW21	12/21/2021 12:55	0.50	5.30	14.30	79.90	-6.07	-17.56	44.40	Comments:No Change,,,,,,,,
EW02R	1/7/2021 10:36	0.80	7.30	13.40	78.50	-17.14	-19.60	64.20	Comments:No Change,,,,,,,,
EW02R	1/20/2021 09:44	1.00	10.70	8.40	79.90	-16.30	-17.37	62.70	Comments:No Change,,,,,,,,



Table 2. LFG Extraction Well Monitoring Results January 2021 Through December 2021
Eastgate Area Properties Landfill

Name	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
EW02R	2/3/2021 08:45	0.70	7.10	14.40	77.80	-18.05	-19.24	62.00	Comments:No Change,,,,,,,,
EW02R	2/24/2021 10:43	0.50	4.00	16.70	78.80	-11.31	-12.10	69.40	Comments:No Change,,,,,,,,
EW02R	3/9/2021 11:56	0.60	4.80	14.90	79.70	-9.89	-10.68	55.10	Comments:No Change,,,,,,,,
EW02R	3/23/2021 12:00	0.50	3.80	16.10	79.60	-9.04	-10.69	60.70	Comments:No Change,,,,,,,,
EW02R	4/7/2021 09:34	0.50	5.30	16.00	78.20	-9.51	-11.05	60.80	Comments:No Change,,,,,,,,
EW02R	4/27/2021 12:39	0.60	3.70	16.60	79.10	-6.12	-6.67	72.40	Comments:No Change,,,,,,,,
EW02R	5/4/2021 11:58	0.60	4.60	16.00	78.80	-6.85	-7.51	73.50	Comments:No Change,,,,,,,,
EW02R	5/24/2021 11:51	0.70	5.40	14.70	79.20	-6.17	-6.82	67.80	Comments:No Change,,,,,,,,
EW02R	6/10/2021 09:11	0.80	5.50	14.40	79.30	-5.94	-6.78	62.60	Comments:No Change,,,,,,,,
EW02R	6/29/2021 11:02	0.70	5.00	13.60	80.70	-5.27	-5.81	95.50	Comments:No Change,,,,,,,,
EW02R	7/6/2021 12:36	0.70	4.90	13.50	80.90	-5.28	-5.79	83.20	Comments:No Change,,,,,,,,
EW02R	7/27/2021 10:27	0.90	5.50	14.60	79.00	-5.55	-6.39	85.10	Comments:No Change,,,,,,,,
EW02R	8/3/2021 13:49	1.00	5.70	13.20	80.10	-5.55	-6.43	99.60	Comments:No Change,,,,,,,,
EW02R	8/27/2021 12:17	0.90	5.90	13.20	80.00	-5.50	-6.40	72.80	Comments:No Change,,,,,,,,
EW02R	9/8/2021 14:19	0.80	4.90	14.80	79.50	-5.26	-6.14	91.50	Comments:No Change,,,,,,,,
EW02R	9/29/2021 11:50	0.80	7.00	12.50	79.70	-5.30	-5.81	69.20	Comments:No Change,,,,,,,,
EW02R	10/12/2021 14:30	0.90	6.80	13.10	79.20	-5.33	-6.28	66.20	Comments:No Change,,,,,,,,
EW02R	10/26/2021 12:19	0.90	5.80	14.50	78.80	-4.98	-5.42	61.30	Comments:No Change,,,,,,,,
EW02R	11/9/2021 11:52	0.90	7.00	14.20	77.90	-9.88	-12.15	66.20	Comments:No Change,,,,,,,,
EW02R	11/23/2021 08:40	0.70	6.80	14.20	78.30	-9.63	-10.73	57.40	Comments:No Change,,,,,,,,
EW02R	12/3/2021 14:11	0.50	6.80	13.40	79.30	-9.64	-9.66	43.20	Comments:No Change,,,,,,,,
EW02R	12/21/2021 12:47	0.90	7.30	11.30	80.50	-10.50	-11.37	43.30	Comments:No Change,,,,,,,,
EW03R	1/7/2021 10:42	4.90	13.60	6.00	75.50	-20.06	-20.01	55.10	Comments:No Change,Valve Wide Open,,,,,,,,
EW03R	1/20/2021 09:49	6.20	15.10	3.00	75.70	-17.36	-17.51	40.00	Comments:No Change,Valve Wide Open,,,,,,,,
EW03R	2/3/2021 08:53	6.00	15.10	3.00	75.90	-19.73	-19.61	51.50	Comments:No Change,Valve Wide Open,,,,,,,,
EW03R	2/24/2021 10:46	7.60	15.10	1.50	75.80	-13.01	-12.98	68.50	Comments:Valve Wide Open,,,,,,,,
EW03R	3/9/2021 11:59	7.30	12.90	2.40	77.40	-11.54	-11.54	56.80	Comments:Valve Wide Open,,,,,,,,



Table 2. LFG Extraction Well Monitoring Results January 2021 Through December 2021
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Name	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	3/23/2021 12:04	2.30	12.80	5.40	79.50	-10.64	-10.69	53.90	Comments:No Change,Valve Wide Open,,,,,
EW03R	4/7/2021 09:38	4.00	12.60	6.40	77.00	-11.26	-11.19	47.50	Comments:No Change,Valve Wide Open,,,,,
EW03R	4/27/2021 12:42	1.90	10.40	7.10	80.60	-7.25	-7.24	73.60	Comments:Valve Wide Open,,,,,
EW03R	5/4/2021 12:00	2.40	8.90	7.30	81.40	-8.12	-8.11	72.00	Comments:Valve Wide Open,,,,,
EW03R	5/24/2021 11:54	2.60	10.70	7.20	79.50	-7.38	-7.38	67.00	Comments:Valve Wide Open,,,,,
EW03R	6/10/2021 09:20	1.90	10.30	7.60	80.20	-6.94	-6.88	61.30	Comments:No Change,,,,,
EW03R	6/29/2021 11:04	2.30	9.80	6.90	81.00	-6.24	-6.25	95.50	
EW03R	7/6/2021 12:38	2.10	8.70	7.20	82.00	-6.33	-6.31	85.20	Comments:Valve Wide Open,,,,,
EW03R	7/27/2021 10:31	2.60	10.90	6.90	79.60	-6.48	-6.48	80.90	Comments:No Change,,,,,
EW03R	8/3/2021 13:52	3.10	10.40	6.20	80.30	-6.58	-6.59	99.70	Comments:No Change,,,,,
EW03R	8/27/2021 12:20	2.10	10.80	7.30	79.80	-6.51	-6.54	73.40	Comments:No Change,,,,,
EW03R	9/8/2021 14:22	2.20	10.80	7.60	79.40	-6.10	-6.18	92.30	Comments:No Change,,,,,
EW03R	9/29/2021 11:52	1.60	10.00	8.10	80.30	-6.29	-6.28	70.10	Comments:Valve Wide Open,,,,,
EW03R	10/12/2021 14:48	3.80	13.30	5.60	77.30	-6.41	-6.36	60.50	Comments:No Change,,,,,
EW03R	10/12/2021 14:48	3.80	13.30	5.60	77.30	-6.41	-6.36	60.50	Comments:No Change,,,,,
EW03R	10/26/2021 12:22	1.80	12.90	6.40	78.90	-5.89	-5.88	62.40	Comments:Valve Wide Open,,,,,
EW03R	11/9/2021 11:57	2.00	11.40	9.00	77.60	-12.03	-12.12	51.00	Comments:No Change,,,,,
EW03R	11/23/2021 08:42	6.00	13.60	4.60	75.80	-11.66	-11.65	57.40	Comments:Valve Wide Open,,,,,
EW03R	12/3/2021 14:13	4.90	14.60	15.20	65.30	-11.84	-11.80	40.60	Comments:No Change,,,,,
EW03R	12/21/2021 12:49	7.40	14.90	0.70	77.00	-12.31	-12.32	44.20	Comments:Valve Wide Open,,,,,
EW04R	1/7/2021 10:51	1.10	10.20	9.90	78.80	-1.37	-20.94	49.60	Comments:No Change,Valve slightly Open,,,,,
EW04R	1/20/2021 09:55	0.80	9.70	9.40	80.10	-1.34	-17.51	42.10	Comments:No Change,Valve slightly Open,,,,,
EW04R	2/3/2021 08:57	0.40	9.90	10.10	79.60	-1.64	-19.66	42.40	Comments:No Change,Valve slightly Open,,,,,



Table 2. LFG Extraction Well Monitoring Results January 2021 Through December 2021
Eastgate Area Properties Landfill

Name	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	2/24/2021 10:48	1.20	9.60	10.80	78.40	-1.29	-10.78	68.50	Comments:Valve Wide Open,,,,,,,,
EW04R	3/9/2021 12:01	0.50	9.40	10.60	79.50	-1.14	-8.90	57.20	Comments:Valve Wide Open,,,,,,,,
EW04R	3/23/2021 12:07	0.30	8.80	10.90	80.00	-0.89	-10.58	58.20	Comments:No Change,Valve Closed,,,,,,,,
EW04R	4/7/2021 09:42	0.50	9.70	10.10	79.70	-1.09	-11.21	48.20	Comments:No Change,Valve slightly Open,,,,,,,,
EW04R	4/27/2021 12:45	0.30	9.10	9.90	80.70	-0.85	-5.92	74.00	Comments:Valve Wide Open,,,,,,,,
EW04R	5/4/2021 12:02	0.40	8.90	10.10	80.60	-1.05	-7.70	71.00	Comments:Valve Wide Open,,,,,,,,
EW04R	5/24/2021 11:57	0.40	10.50	8.70	80.40	-0.89	-7.70	65.40	Comments:Valve Wide Open,,,,,,,,
EW04R	6/10/2021 09:24	0.40	10.60	7.80	81.20	-0.77	-7.00	61.30	Comments:No Change,,,,,,,,
EW04R	6/29/2021 11:06	0.50	10.00	7.10	82.40	-0.73	-6.54	95.00	Comments:Valve Wide Open,,,,,,,,
EW04R	7/6/2021 12:41	0.50	11.10	7.00	81.40	-0.66	-6.65	83.30	Comments:Valve Wide Open,,,,,,,,
EW04R	7/27/2021 10:34	0.40	11.80	5.90	81.90	-0.70	-6.56	85.10	Comments:No Change,Valve slightly Open,,,,,,,,
EW04R	8/3/2021 13:55	0.50	11.60	5.80	82.10	-0.72	-6.71	100.10	Comments:No Change,,,,,,,,
EW04R	8/27/2021 12:23	0.40	13.20	5.20	81.20	-0.82	-6.64	74.30	Comments:No Change,Valve slightly Open,,,,,,,,
EW04R	9/8/2021 14:25	0.40	12.40	5.30	81.90	-0.59	-6.29	92.40	Comments:No Change,,,,,,,,
EW04R	9/29/2021 11:54	0.50	12.90	5.30	81.30	-1.21	-6.70	70.70	Comments:Valve Wide Open,,,,,,,,
EW04R	10/12/2021 14:51	0.50	14.20	4.70	80.60	-0.66	-6.47	52.20	Comments:No Change,,,,,,,,
EW04R	10/26/2021 12:28	0.50	12.70	5.80	81.00	-2.42	-6.19	60.80	Comments:No Change,,,,,,,,
EW04R	11/9/2021 12:04	0.40	12.60	8.30	78.70	-2.28	-12.49	52.90	Comments:No Change,,,,,,,,
EW04R	11/23/2021 08:46	0.70	10.50	10.00	78.80	-1.33	-12.26	56.00	Comments:Valve Wide Open,,,,,,,,
EW04R	12/3/2021 14:16	0.20	10.60	11.30	77.90	-12.35	-12.28	40.40	Comments:No Change,,,,,,,,
EW04R	12/21/2021 12:51	1.40	13.10	0.50	85.00	-2.93	-12.84	43.90	Comments:Valve Wide Open,,,,,,,,
EW05R	1/7/2021 10:56	0.80	6.00	14.50	78.70	-21.20	-21.47	52.30	Comments:No Change,,,,,,,,



Table 2. LFG Extraction Well Monitoring Results January 2021 Through December 2021
Eastgate Area Properties Landfill

Name	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	1/20/2021 09:58	0.00	6.90	11.50	81.60	-16.49	-17.68	41.70	Comments:No Change,Valve slightly Open,,,,,
EW05R	2/3/2021 09:01	0.00	4.80	16.90	78.30	-13.21	-19.04	43.40	Comments:No Change,Valve Wide Open,,,,,
EW05R	2/24/2021 10:50	0.10	5.30	16.90	77.70	-8.12	-10.87	68.70	Comments:Valve Wide Open,,,,,
EW05R	3/9/2021 12:03	0.00	5.00	16.40	78.60	-6.75	-9.26	58.50	Comments:Valve Wide Open,,,,,
EW05R	3/23/2021 12:12	0.00	4.20	16.50	79.30	-0.49	-11.08	51.90	Comments:No Change,Valve slightly Open,,,,,
EW05R	4/7/2021 09:44	0.00	5.00	15.90	79.10	-4.52	-11.37	46.80	Comments:No Change,Valve slightly Open,,,,,
EW05R	4/27/2021 12:51	0.00	5.10	14.70	80.20	-3.14	-4.03	71.40	Comments:Valve Wide Open,,,,,
EW05R	5/4/2021 12:04	0.00	5.30	14.90	79.80	-3.43	-4.45	72.50	Comments:Valve Wide Open,,,,,
EW05R	5/24/2021 12:01	0.00	6.50	13.60	79.90	-3.13	-7.46	65.10	Comments:Valve Wide Open,,,,,
EW05R	6/10/2021 09:27	0.00	5.90	14.20	79.90	-5.09	-7.25	68.50	Comments:No Change,,,,,
EW05R	6/29/2021 11:09	0.00	5.90	13.10	81.00	-4.52	-6.51	95.00	Comments:Valve Wide Open,,,,,
EW05R	7/6/2021 12:43	0.10	6.20	13.30	80.40	-4.46	-6.49	85.40	Comments:Valve Wide Open,,,,,
EW05R	7/27/2021 10:37	0.00	7.40	11.80	80.80	-4.51	-6.61	96.50	Comments:No Change,Valve slightly Open,,,,,
EW05R	8/3/2021 13:58	0.00	7.20	11.80	81.00	-4.62	-6.64	97.90	Comments:No Change,Valve slightly Open,,,,,
EW05R	8/27/2021 12:27	0.00	8.80	11.10	80.10	-4.52	-6.68	73.60	Comments:No Change,Valve slightly Open,,,,,
EW05R	9/8/2021 14:27	0.00	8.00	11.60	80.40	-4.34	-6.31	92.90	Comments:No Change,,,,,
EW05R	9/29/2021 11:57	0.00	8.60	11.30	80.10	-4.29	-6.54	71.00	Comments:Valve Wide Open,,,,,
EW05R	10/12/2021 14:53	0.00	8.70	12.50	78.80	-4.42	-6.64	58.50	Comments:No Change,,,,,
EW05R	10/26/2021 12:30	0.00	8.70	11.90	79.40	-4.23	-6.34	60.50	Comments:Valve Wide Open,,,,,
EW05R	11/9/2021 12:35	0.00	7.00	14.90	78.10	-9.24	-12.48	50.80	Comments:No Change,,,,,
EW05R	11/23/2021 08:49	0.00	6.30	16.20	77.50	-8.88	-11.97	55.30	Comments:Valve Wide Open,,,,,



**Table 2. LFG Extraction Well Monitoring Results January 2021 Through December 2021
Eastgate Area Properties Landfill**

Name	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	12/3/2021 14:17	0.00	5.20	16.70	78.10	-8.98	-12.11	40.60	Comments:No Change,,,,,,,,
EW05R	12/21/2021 12:53	0.10	8.30	3.10	88.50	-9.19	-12.68	44.90	Comments:No Change,,,,,,,,



Table 3. LFG Sample Port and Blower Vent Station Monitoring Results January 2021 Through December 2021

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	1/7/2021 13:22	0.60	3.70	17.40	78.30	NA	-23.80	6.00	
Blower Inlet-4	1/20/2021 12:35	1.30	9.20	10.60	78.90	NA	-20.84	16.00	
Blower Inlet-4	2/3/2021 11:49	0.80	9.30	10.00	79.90	NA	-23.00	7.00	
Blower Inlet-4	2/24/2021 10:23	1.00	8.70	11.20	79.10	NA	-17.40	16.00	
Blower Inlet-4	3/9/2021 11:02	6.60	9.10	10.00	74.30	NA	-14.76	24.00	
Blower Inlet-4	3/23/2021 12:18	5.70	8.80	10.50	75.00	NA	-15.16	26.00	
Blower Inlet-4	4/7/2021 12:35	6.40	9.10	10.50	74.00	NA	-14.46	26.00	
Blower Inlet-4	4/27/2021 12:22	4.20	7.90	11.40	76.50	NA	-11.31	28.00	
Blower Inlet-4	5/4/2021 11:42	3.50	6.50	12.20	77.80	NA	-12.72	34.00	
Blower Inlet-4	5/24/2021 11:32	3.60	6.00	12.40	78.00	NA	-11.71	35.00	
Blower Inlet-4	6/10/2021 10:33	4.00	8.10	10.70	77.20	NA	-11.51	34.00	
Blower Inlet-4	6/29/2021 10:47	3.40	7.90	10.30	78.40	NA	-10.25	35.00	
Blower Inlet-4	7/6/2021 12:23	3.00	8.50	10.20	78.30	NA	-10.37	35.00	
Blower Inlet-4	7/27/2021 11:18	2.80	7.60	10.10	79.50	NA	-10.54	34.00	
Blower Inlet-4	8/3/2021 14:39	3.40	9.30	8.50	78.80	NA	-10.98	35.00	
Blower Inlet-4	8/27/2021 13:24	4.40	10.50	8.30	76.80	NA	-10.83	39.00	
Blower Inlet-4	9/8/2021 14:58	3.90	9.60	9.30	77.20	NA	-10.65	40.00	
Blower Inlet-4	9/29/2021 11:36	4.70	11.50	7.40	76.40	NA	-10.77	40.00	
Blower Inlet-4	10/12/2021 12:53	4.30	11.90	7.80	76.00	NA	-10.88	63.00	
Blower Inlet-4	10/26/2021 12:05	4.50	10.70	8.40	76.40	NA	-10.94	45.00	
Blower Inlet-4	11/9/2021 13:26	0.60	11.30	9.30	78.80	NA	-17.78	17.00	
Blower Inlet-4	11/23/2021 08:15	0.70	9.90	10.40	79.00	NA	-18.08	15.00	
Blower Inlet-4	12/3/2021 14:52	0.60	8.90	12.40	78.10	NA	-18.33	14.00	
Blower Inlet-4	12/21/2021 12:29	1.20	11.70	3.50	83.60	NA	-18.36	16.00	
Blower Inlet-6	1/7/2021 13:25	0.90	2.00	17.50	79.60	NA	-23.55	78.00	
Blower Inlet-6	1/20/2021 12:37	0.90	6.80	13.20	79.10	NA	-20.65	80.00	
Blower Inlet-6	2/3/2021 11:52	0.80	5.50	14.70	79.00	NA	-22.77	103.00	
Blower Inlet-6	2/24/2021 10:24	1.30	5.10	15.80	77.80	NA	-17.12	118.00	



Table 3. LFG Sample Port and Blower Vent Station Monitoring Results January 2021 Through December 2021

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	3/9/2021 11:03	1.60	5.30	15.40	77.70	NA	-14.45	102.00	
Blower Inlet-6	3/23/2021 12:20	1.30	5.00	15.40	78.30	NA	-14.82	110.00	
Blower Inlet-6	4/7/2021 12:39	1.20	4.80	15.50	78.50	NA	-14.19	102.00	
Blower Inlet-6	4/27/2021 12:23	1.00	4.10	16.10	78.80	NA	-11.05	123.00	
Blower Inlet-6	4/27/2021 15:15	1.10	4.30	15.50	79.10	NA	-12.67	140.00	
Blower Inlet-6	5/4/2021 11:44	1.10	4.40	15.80	78.70	NA	-12.30	144.00	
Blower Inlet-6	5/24/2021 11:33	1.30	5.20	15.30	78.20	NA	-11.34	105.00	
Blower Inlet-6	6/10/2021 10:35	1.10	4.50	14.80	79.60	NA	-11.09	177.00	
Blower Inlet-6	6/29/2021 10:49	1.20	5.00	14.40	79.40	NA	-9.90	175.00	
Blower Inlet-6	7/6/2021 12:25	1.20	5.50	13.80	79.50	NA	-10.00	175.00	
Blower Inlet-6	7/27/2021 11:20	1.30	6.00	13.90	78.80	NA	-10.23	180.00	
Blower Inlet-6	8/3/2021 14:41	1.30	6.10	13.50	79.10	NA	-10.63	184.00	
Blower Inlet-6	8/27/2021 13:25	1.30	6.60	14.20	77.90	NA	-10.48	186.00	
Blower Inlet-6	9/8/2021 14:59	1.10	5.40	14.70	78.80	NA	-10.35	185.00	
Blower Inlet-6	9/29/2021 11:38	1.30	7.50	13.30	77.90	NA	-10.39	185.00	
Blower Inlet-6	10/12/2021 12:55	1.30	6.90	13.40	78.40	NA	-10.51	124.00	
Blower Inlet-6	10/26/2021 12:06	1.40	7.70	13.30	77.60	NA	-10.59	113.00	
Blower Inlet-6	11/9/2021 13:28	0.60	5.40	15.40	78.60	NA	-17.28	155.00	
Blower Inlet-6	11/23/2021 08:17	0.80	5.60	15.40	78.20	NA	-17.69	167.00	
Blower Inlet-6	12/3/2021 14:54	0.60	3.70	15.30	80.40	NA	-17.95	171.00	
Blower Inlet-6	12/21/2021 12:30	3.40	7.20	10.40	79.00	NA	-17.98	17.00	
Carbon Inlet	1/7/2021 13:27	1.10	4.30	15.50	79.10	2.50	13.87	84.00	
Carbon Inlet	1/20/2021 12:40	0.90	5.90	13.70	79.50	2.60	16.50	96.00	
Carbon Inlet	2/3/2021 11:53	0.90	5.80	14.20	79.10	2.50	14.53	110.00	
Carbon Inlet	2/24/2021 10:26	1.30	4.60	15.80	78.30	1.90	19.43	134.00	
Carbon Inlet	3/9/2021 11:05	2.00	5.50	15.00	77.50	1.90	21.29	126.00	
Carbon Inlet	3/23/2021 12:22	1.70	5.10	15.00	78.20	2.00	21.72	136.00	
Carbon Inlet	4/7/2021 12:42	1.80	5.40	14.90	77.90	1.80	21.90	128.00	



Table 3. LFG Sample Port and Blower Vent Station Monitoring Results January 2021 Through December 2021
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	4/27/2021 12:25	1.40	4.40	15.50	78.70	2.60	23.83	151.00	
Carbon Inlet	5/4/2021 11:45	1.40	4.80	15.30	78.50	6.20	20.97	178.00	
Carbon Inlet	5/24/2021 11:35	1.60	5.30	14.90	78.20	6.30	21.60	140.00	
Carbon Inlet	6/10/2021 10:37	1.40	4.90	14.20	79.50	2.90	22.18	211.00	
Carbon Inlet	6/29/2021 10:50	1.40	5.10	13.90	79.60	3.20	21.88	210.00	
Carbon Inlet	7/6/2021 12:26	1.40	5.80	13.40	79.40	4.20	22.14	210.00	
Carbon Inlet	7/27/2021 11:24	1.50	5.10	13.80	79.60	4.00	22.10	214.00	
Carbon Inlet	8/3/2021 14:43	1.40	5.80	13.20	79.60	4.10	20.98	219.00	
Carbon Inlet	8/27/2021 13:28	1.60	6.90	13.30	78.20	4.30	21.09	225.00	
Carbon Inlet	9/8/2021 15:01	1.60	6.50	12.90	79.00	4.30	21.21	225.00	
Carbon Inlet	9/29/2021 11:39	1.60	7.90	12.40	78.10	4.40	21.38	225.00	
Carbon Inlet	10/12/2021 12:57	1.70	7.80	12.40	78.10	4.50	22.21	187.00	
Carbon Inlet	10/26/2021 12:08	1.70	7.90	12.80	77.60	4.20	21.20	158.00	
Carbon Inlet	11/9/2021 13:29	0.60	5.80	15.00	78.60	4.50	17.19	172.00	
Carbon Inlet	11/23/2021 08:19	0.80	5.40	15.40	78.40	4.60	16.57	182.00	
Carbon Inlet	12/3/2021 14:55	0.80	5.30	15.70	78.20	6.30	16.85	185.00	
Carbon Inlet	12/21/2021 12:32	3.20	7.20	10.20	79.40	4.20	16.55	33.00	
Carbon Middle	1/7/2021 13:28	1.10	4.90	15.20	78.80	0.10	8.50	NA	
Carbon Middle	1/20/2021 12:41	0.90	5.40	14.70	79.00	0.20	9.94	NA	
Carbon Middle	2/3/2021 11:55	0.90	5.80	14.20	79.10	0.10	8.84	NA	
Carbon Middle	2/24/2021 10:27	1.30	4.90	15.80	78.00	0.00	11.84	NA	
Carbon Middle	3/9/2021 11:06	2.00	5.60	15.00	77.40	0.00	12.94	NA	
Carbon Middle	3/23/2021 12:23	1.70	5.00	15.10	78.20	0.00	13.29	NA	
Carbon Middle	4/7/2021 12:43	1.80	5.40	15.00	77.80	0.00	13.18	NA	
Carbon Middle	4/27/2021 12:27	1.40	4.50	15.50	78.60	0.00	14.57	NA	
Carbon Middle	5/4/2021 11:46	1.50	4.80	15.40	78.30	0.00	13.87	NA	
Carbon Middle	5/24/2021 11:36	1.60	5.50	14.80	78.10	0.00	14.24	NA	
Carbon Middle	6/10/2021 10:39	1.40	5.30	14.20	79.10	0.00	14.72	NA	



Table 3. LFG Sample Port and Blower Vent Station Monitoring Results January 2021 Through December 2021

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	6/29/2021 10:51	1.40	5.30	13.90	79.40	0.00	14.42	NA	
Carbon Middle	7/6/2021 12:28	1.50	6.00	13.50	79.00	0.00	14.65	NA	
Carbon Middle	7/27/2021 11:26	1.50	6.00	13.60	78.90	0.00	14.37	NA	
Carbon Middle	8/3/2021 14:44	1.40	5.70	13.30	79.60	0.10	13.58	NA	
Carbon Middle	8/27/2021 13:29	1.50	6.80	13.30	78.40	0.00	14.33	NA	
Carbon Middle	9/8/2021 15:02	1.60	6.50	13.00	78.90	0.10	14.47	NA	
Carbon Middle	9/29/2021 11:40	1.70	8.10	12.40	77.80	0.10	14.36	NA	
Carbon Middle	10/12/2021 12:58	1.70	7.80	12.70	77.80	0.10	14.98	NA	
Carbon Middle	10/26/2021 12:09	1.70	8.10	12.70	77.50	0.00	14.27	NA	
Carbon Middle	11/9/2021 13:30	0.60	5.70	15.20	78.50	0.00	11.62	NA	
Carbon Middle	11/23/2021 08:20	0.80	5.80	15.30	78.10	0.00	11.55	NA	
Carbon Middle	12/3/2021 14:57	0.80	5.30	15.70	78.20	0.00	11.16	NA	
Carbon Middle	12/21/2021 12:33	3.20	7.30	10.20	79.30	0.00	11.28	NA	
Carbon Outlet	1/7/2021 13:29	1.10	4.70	15.40	78.80	0.00	2.56	NA	
Carbon Outlet	1/20/2021 12:43	1.00	5.90	13.80	79.30	NT	NT	NT	Pressure did not store. Instrument error.
Carbon Outlet	2/3/2021 11:57	0.90	5.80	14.20	79.10	0.00	2.76	NA	
Carbon Outlet	2/24/2021 10:28	1.30	4.90	15.80	78.00	0.00	4.66	NA	
Carbon Outlet	3/9/2021 11:08	2.00	5.60	15.00	77.40	0.00	4.03	NA	
Carbon Outlet	3/23/2021 12:25	1.70	5.00	15.10	78.20	0.00	4.27	NA	
Carbon Outlet	4/7/2021 12:46	1.80	5.40	15.00	77.80	NT	NT	NT	Pressure did not store. Instrument error.
Carbon Outlet	4/27/2021 12:28	1.40	4.60	15.60	78.40	0.00	4.58	NA	
Carbon Outlet	5/4/2021 11:48	1.50	4.80	15.40	78.30	0.00	5.35	NA	
Carbon Outlet	5/24/2021 11:37	1.60	5.50	14.80	78.10	0.00	5.48	NA	
Carbon Outlet	6/10/2021 10:40	1.40	5.20	14.20	79.20	0.00	5.71	NA	
Carbon Outlet	6/29/2021 10:53	1.40	5.40	13.80	79.40	0.00	5.39	NA	
Carbon Outlet	7/6/2021 12:29	1.50	6.00	13.50	79.00	0.00	5.51	NA	
Carbon Outlet	7/27/2021 11:28	1.40	5.80	13.70	79.10	0.00	5.41	NA	



Table 3. LFG Sample Port and Blower Vent Station Monitoring Results January 2021 Through December 2021
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	8/3/2021 14:45	1.40	5.60	13.30	79.70	0.00	5.02	NA	
Carbon Outlet	8/27/2021 13:30	1.50	6.80	13.40	78.30	0.00	5.92	NA	
Carbon Outlet	9/8/2021 15:03	1.60	6.50	13.00	78.90	0.00	6.07	NA	
Carbon Outlet	9/29/2021 11:42	1.70	8.10	12.40	77.80	0.00	5.94	NA	
Carbon Outlet	10/12/2021 12:59	1.70	7.70	12.80	77.80	0.00	6.14	NA	
Carbon Outlet	10/26/2021 12:11	1.70	8.10	12.70	77.50	0.00	5.81	NA	
Carbon Outlet	11/9/2021 13:32	0.60	5.80	15.00	78.60	0.00	4.61	NA	
Carbon Outlet	11/23/2021 08:21	0.80	5.90	15.40	77.90	0.00	4.96	NA	
Carbon Outlet	12/3/2021 14:58	0.70	5.30	15.70	78.30	0.00	4.52	NA	
Carbon Outlet	12/21/2021 12:34	3.20	7.20	10.20	79.40	0.00	6.01	NA	

NR=Not Recorded

NT=Not Taken

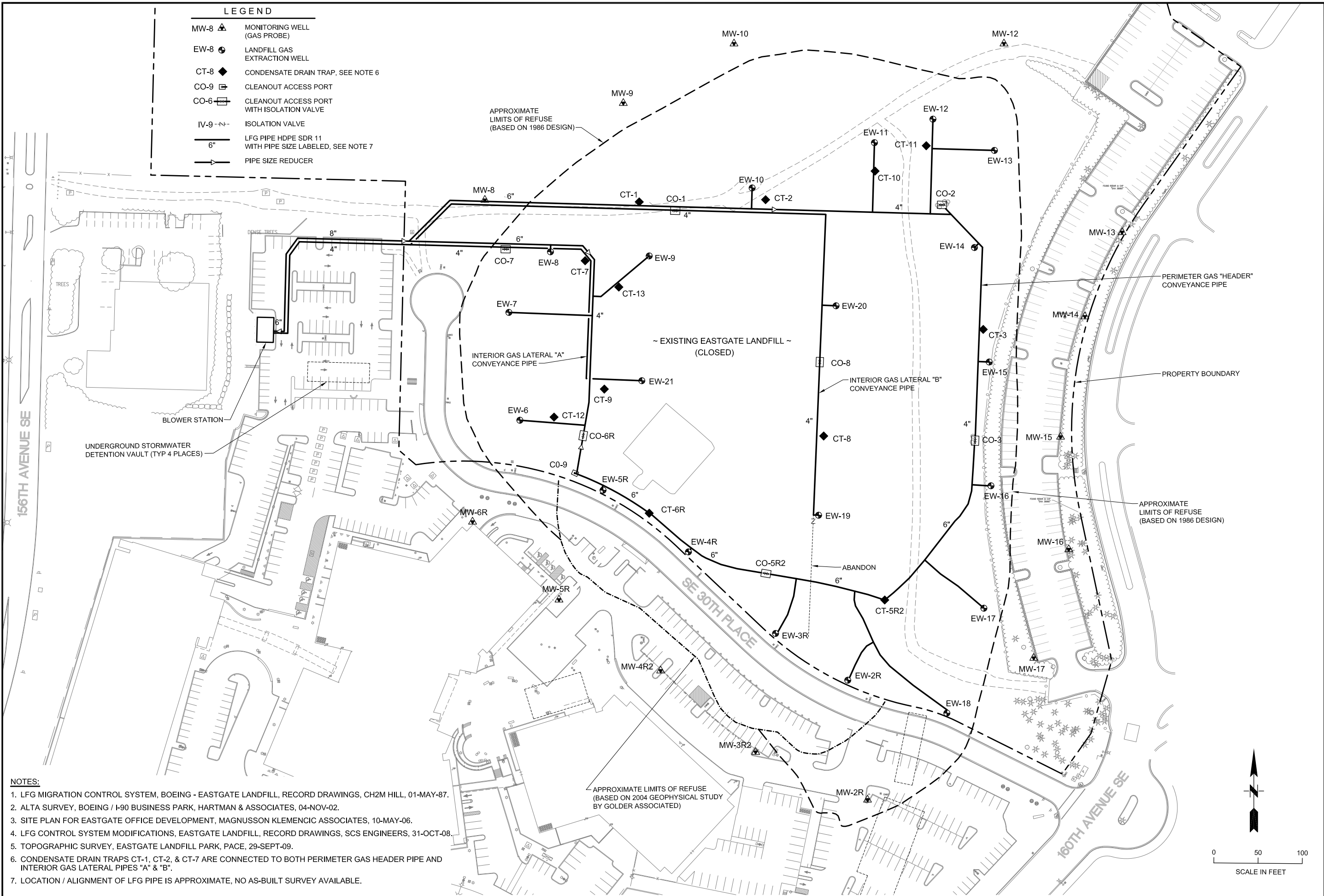
NA=Not Applicable



**Table 4. LFG Blower Vent Station Operational Runtime Data
January 2021 through December 2021
Eastgate Area Properties Landfill**

Month	Manual or Automatic Operation	Total Monthly Runtime (Hours)	Comments
January 31, 2021	Automatic	372	Operated 31 days for 12 hours each day
February 28, 2021	Automatic	317	Operated 26 + days for 12 hours each day
March 31, 2021	Automatic	372	Operated 31 days for 12 hours each day
April 30, 2021	Automatic	360	Operated 30 days for 12 hours each day
May 31, 2021	Automatic	372	Operated 31 days for 12 hours each day
June 30, 2021	Automatic	360	Operated 30 days for 12 hours each day
July 31, 2021	Automatic	372	Operated 31 days for 12 hours each day
August 31, 2021	Automatic	372	Operated 31 days for 12 hours each day
September 30, 2021	Automatic	360	Operated 30 days for 12 hours each day
October 31, 2021	Automatic	372	Operated 31 days for 12 hours each day
November 30, 2021	Automatic	360	Operated 30 days for 12 hours each day
December 31, 2021	Automatic	372	Operated 31 days for 12 hours each day
	Total Operational Runtime for 2021:	4361.00	





- LEGEND**
- MW-8 ▲ MONITORING WELL (GAS PROBE)
 - EW-8 ● LANDFILL GAS EXTRACTION WELL
 - CT-8 ◆ CONDENSATE DRAIN TRAP, SEE NOTE 6
 - CO-9 □ CLEANOUT ACCESS PORT
 - CO-6 □ CLEANOUT ACCESS PORT WITH ISOLATION VALVE
 - IV-9 -|- ISOLATION VALVE
 - 6" LFG PIPE HDPE SDR 11 WITH PIPE SIZE LABELED, SEE NOTE 7
 - PIPE SIZE REDUCER

- NOTES:**
1. LFG MIGRATION CONTROL SYSTEM, BOEING - EASTGATE LANDFILL, RECORD DRAWINGS, CH2M HILL, 01-MAY-87.
 2. ALTA SURVEY, BOEING / I-90 BUSINESS PARK, HARTMAN & ASSOCIATES, 04-NOV-02.
 3. SITE PLAN FOR EASTGATE OFFICE DEVELOPMENT, MAGNUSSON KLEMENCIC ASSOCIATES, 10-MAY-06.
 4. LFG CONTROL SYSTEM MODIFICATIONS, EASTGATE LANDFILL, RECORD DRAWINGS, SCS ENGINEERS, 31-OCT-08.
 5. TOPOGRAPHIC SURVEY, EASTGATE LANDFILL PARK, PACE, 29-SEPT-09.
 6. CONDENSATE DRAIN TRAPS CT-1, CT-2, & CT-7 ARE CONNECTED TO BOTH PERIMETER GAS HEADER PIPE AND INTERIOR GAS LATERAL PIPES "A" & "B".
 7. LOCATION / ALIGNMENT OF LFG PIPE IS APPROXIMATE, NO AS-BUILT SURVEY AVAILABLE.

SCS ENGINEERS Environmental Consultants and Contractors 2405 140th Avenue NE, Suite 107 Bellevue, Washington 98005 (425) 746-4600 FAX: (425) 746-6747	PROJECT NO. 07216156.00	DES BY TAM	DATE SEPT 2020
	SCALE AS SHOWN	CHK BY TAM	FIGURE 2
	CAD FILE FIGURE 2	APP BY JMR	

EXISTING LFG CONTROL SYSTEM

BELLEVUE AIRFIELD PARK (EASTGATE LANDFILL)

BELLEVUE, WASHINGTON