Bridgeton Landfill, LLC

Monthly Data Submittals

May 2019

Required by Section IX.f of Final Consent Judgement, Case No. 13SL-CC01088-01
Effective June 29, 2018

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Provided Separately:

– Flare Raw Data Excel Spreadsheet
– Gas Wellfield Raw Data Excel Spreadsheet

June 20, 2019

Commentary on Data

June 20, 2019

The following observations and comments are offered during this time period:

Gas Volume

- As presented in Attachment B-1, the gas collection volumetric rate for this month averaged 267 SCFM from the North Quarry and 924 SCFM from the South Quarry, for a total site flow of 1,191 SCFM, as normalized per the MDNR weekly flow and TRS sampling results.

- On April 2, 2019, the Kurz flow meter was field-calibrated. Upon calibration, it was determined that the pipe diameter on which the flow meter was installed is actually larger than previously estimated. After re-calibrating the meter to reflect the more accurate estimate of pipe size, the compliance demonstration calculations continue to demonstrate that all emission levels remain well within all applicable air permitting and regulatory limits. We will ensure that all future compliance demonstrations reflect this new information.

Gas Quality

- Attachments D and E present the monthly data related to gas quality as measured at the respective wellheads.

- Attachment E-1 presents vertical wells which exhibited oxygen levels over 5% during one (1) or more weekly monitoring events during this reporting period. These consisted of 18 GEW wells that are experiencing low or restricted flows, one (1) leachate collection sump (LCS), and three (3) GIW wells that exhibit low gas flow due to the cooling loops that are installed in these wells. By the end of the month, 7 of the GEW wells, 1 of the LCS, and 2 of the GIW wells still exhibited oxygen levels at or greater than 5% at the wellhead. All of these wells are low-flow/vacuum sensitive wells with valves that are only slightly open. On-going tuning, maintenance, and pump operation are being performed to manage the oxygen content.

- Attachment E-2 presents gas temperatures as measured at the wellheads. Nineteen (19) vertical wells (excluding GIW wells) increased by 30°F or more during this reporting period. Additionally, two (2) vertical wells (excluding GIW wells) decreased by 30°F or more. All wells that exhibited changes greater than 30°F are within the historical gas temperature norms for these wells or within the range of temperatures of nearby vertical wells.

- All gas wells in the North Quarry exhibited a maximum wellhead temperature less than 145°F during this reporting period, with the exception of GEW-054 (145.9°F). Carbon

monoxide (CO) results were non-detect (ND) for North Quarry wells, with the exception of GEW-053 (52 ppm), consistent with past events.

- Site personnel are performing a comprehensive wellfield investigation to optimize landfill gas collection and control (GCCS). Wells that have previously been decommissioned due to excessive moisture and/or dangerous conditions have been reviewed and monitored to determine if the wells have obstructions that would prohibit pump installation and would therefore preclude leachate and landfill gas collection. Wells with identified downhole integrity issues will be scheduled for abandonment during the upcoming GCCS system expansion event. Wells with no identified downhole integrity issues and which are no longer exhibiting excessive moisture and/or dangerous conditions have been brought back online. Wells with no identified downhole integrity issues but which still exhibit excessive moisture and/or dangerous conditions will remain decommissioned until conditions at the location improve. This investigation will continue into the Second Quarter 2019, and wellfield expansion and abandonment activities will be reported in the quarterly Landfill Gas Corrective Action Update.

Settlement

- The South Quarry exhibited monthly maximum settlement up to 0.48 feet over 31 days during this reporting period (see Attachment E).

Bird Monitoring and Mitigation

- Bridgeton Landfill conducted bird monitoring during this reporting period in accordance with the Approved Bird Hazard Monitoring and Mitigation Plan, last updated in December 2016. Birds noted on-site are dispersed using pyrotechnics, a cap gun, vehicles, or on foot. Logs of bird population observations are provided to the Airport and the USDA APHIS Wildlife Services on a weekly basis.

Natural Gas Usage

- Natural gas was not used as a supplemental fuel for the destruction of landfill gas in the previous month. The requirements for landfill gas destruction under 40 CFR 60 Subpart WWW were achieved by meeting the provisions of 40 CFR 60 Subpart A under §60.18 for non-assisted flares.

ATTACHMENT A

DAILY FLARE MONITORING DATA

ATTACHMENT A-1

FLOW DATA TABLE

Daily Flare Monitoring Data - Bridgeton Landfill
May 2019

Date	Average Device Flow* (scfm)				Total Avg. Flow** (scfm)
	Utility Flare (FL-100)	Utility Flare (FL-120)	Utility Flare (FL-140)	EP14 NQ Utility Flare***	
5/1/2019	0	900	0	277	1,177
5/2/2019	0	874	0	265	1,139
5/3/2019	0	865	0	268	1,133
5/4/2019	0	878	0	273	1,151
5/5/2019	0	896	0	266	1,163
5/6/2019	0	903	0	266	1,169
5/7/2019	163	727	0	278	1,167
5/8/2019	0	914	0	277	1,192
5/9/2019	0	876	0	265	1,142
5/10/2019	0	868	0	261	1,129
5/11/2019	0	858	0	258	1,116
5/12/2019	0	863	0	241	1,104
5/13/2019	0	869	0	254	1,124
5/14/2019	0	903	0	270	1,173
5/15/2019	0	935	0	274	1,210
5/16/2019	0	952	0	265	1,217
5/17/2019	0	947	0	271	1,218
5/18/2019	0	948	0	277	1,225
5/19/2019	0	928	0	269	1,197
5/20/2019	0	908	0	257	1,165
5/21/2019	0	892	0	240	1,132
5/22/2019	0	862	11	262	1,135
5/23/2019	0	968	0	253	1,221
5/24/2019	0	1,014	0	267	1,281
5/25/2019	0	1,015	0	280	1,296
5/26/2019	0	994	0	274	1,268
5/27/2019	0	1,007	0	260	1,268
5/28/2019	0	1,018	0	271	1,290
5/29/2019	0	971	0	274	1,245
5/30/2019	0	962	0	273	1,235
5/31/2019	65	905	0	277	1,247
AVERAGE	**7**	**917**	**0**	**267**	**1,191**

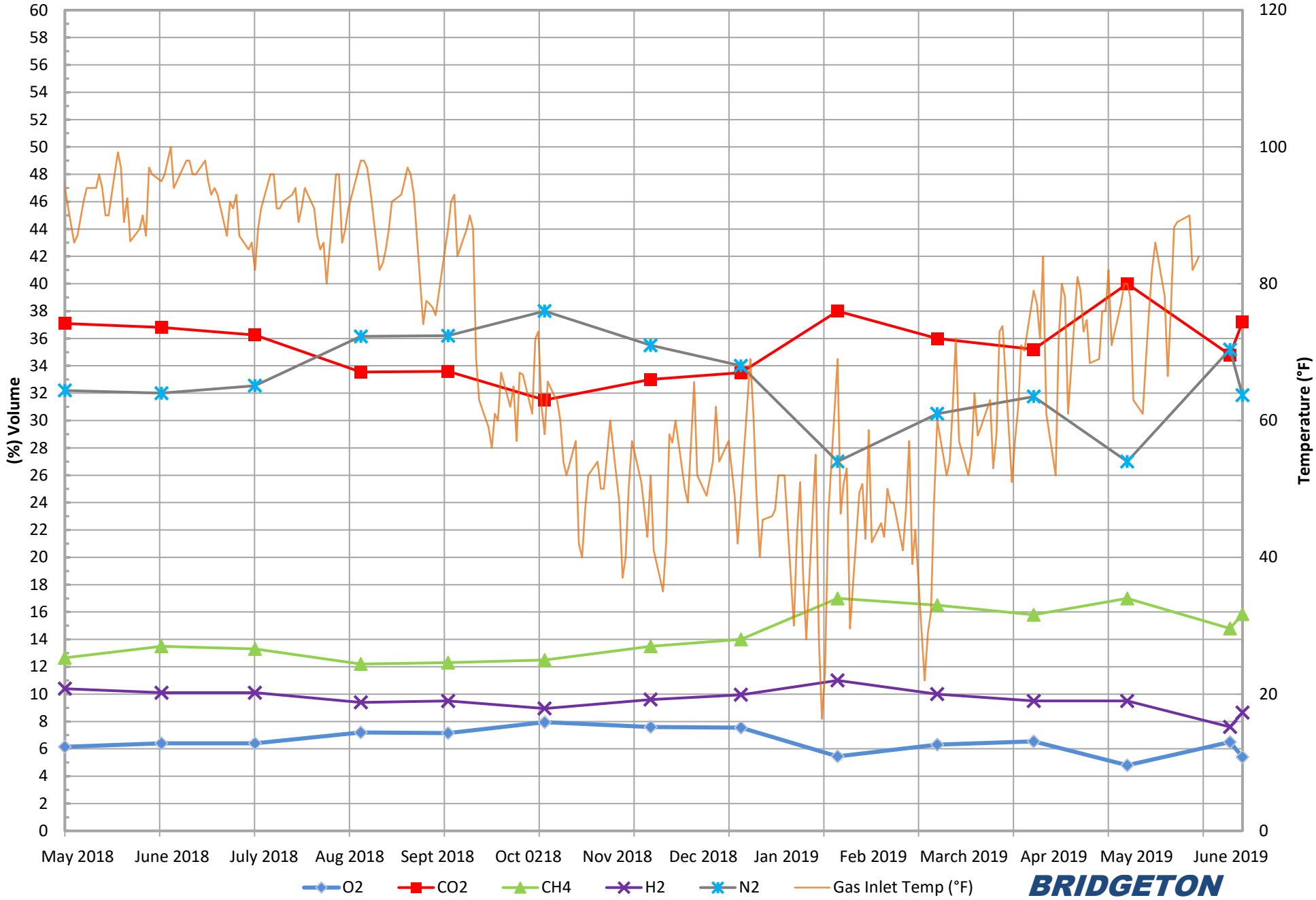
* Flows normalized to **Blower Outlet Flowmeter - EPA Method 2 measurement verified

*** On 3/18/2016, the Bridgeton Landfill began separating the North Quarry gas to the Auxiliary Flare.

ATTACHMENT A-2

FLOW DATA GRAPHS

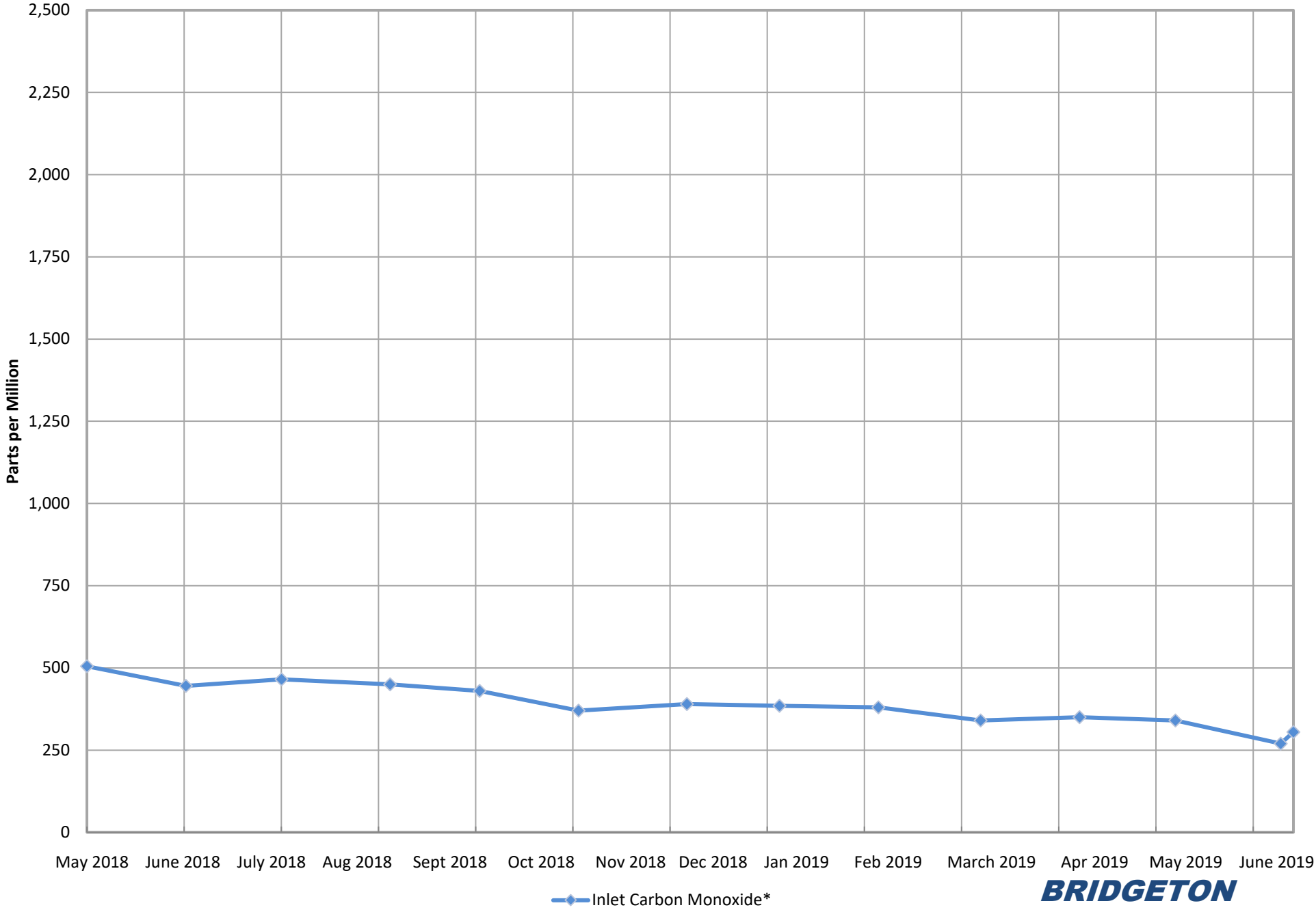
South Quarry Inlet Gas and Temperature*



BRIDGETON LANDFILL

*Gas data collected from Laboratory Reports. Temperature data collected from field readings.

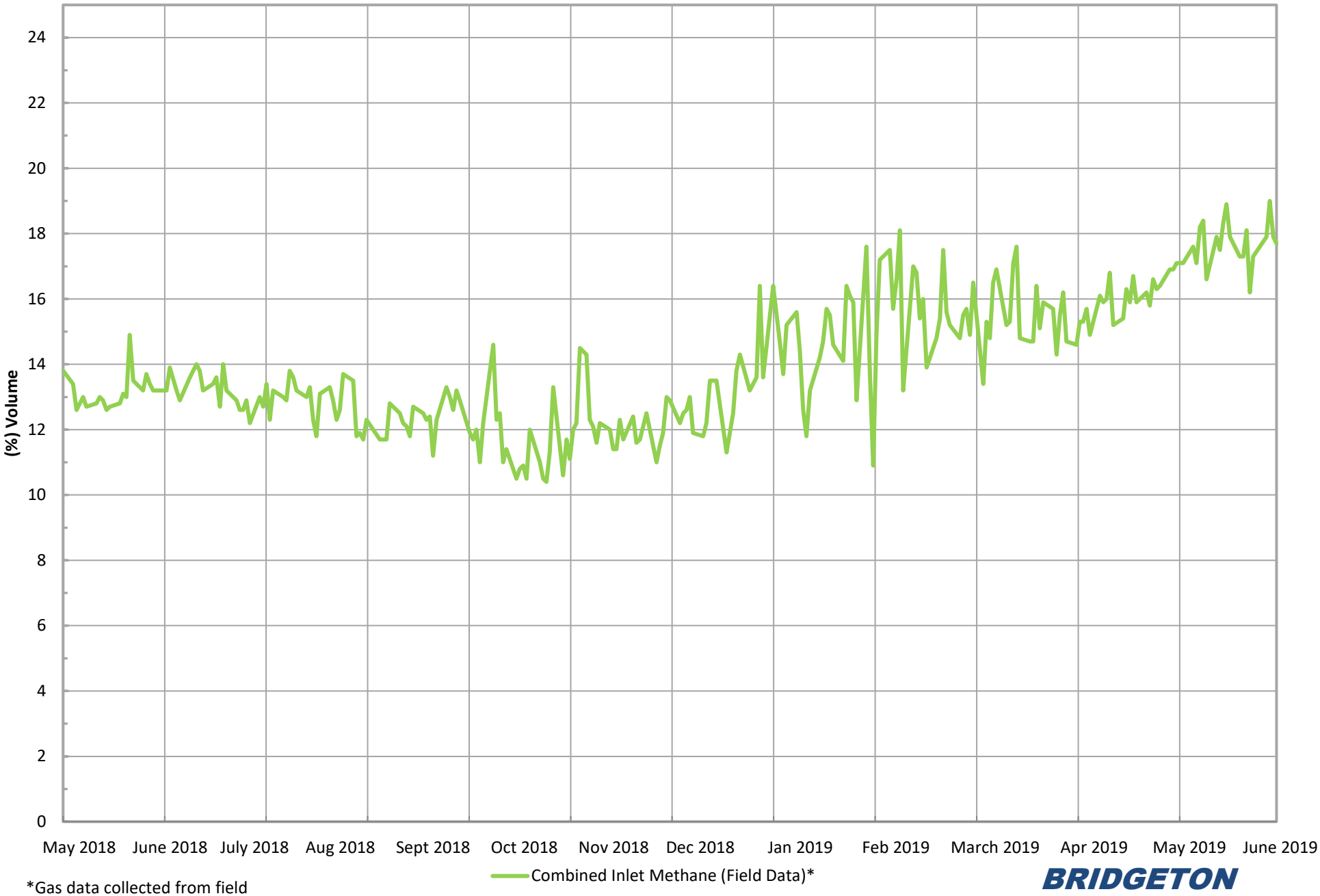
South Quarry Inlet Carbon Monoxide*



*Data collected from Laboratory Reports for the South Quarry.

BRIDGETON LANDFILL

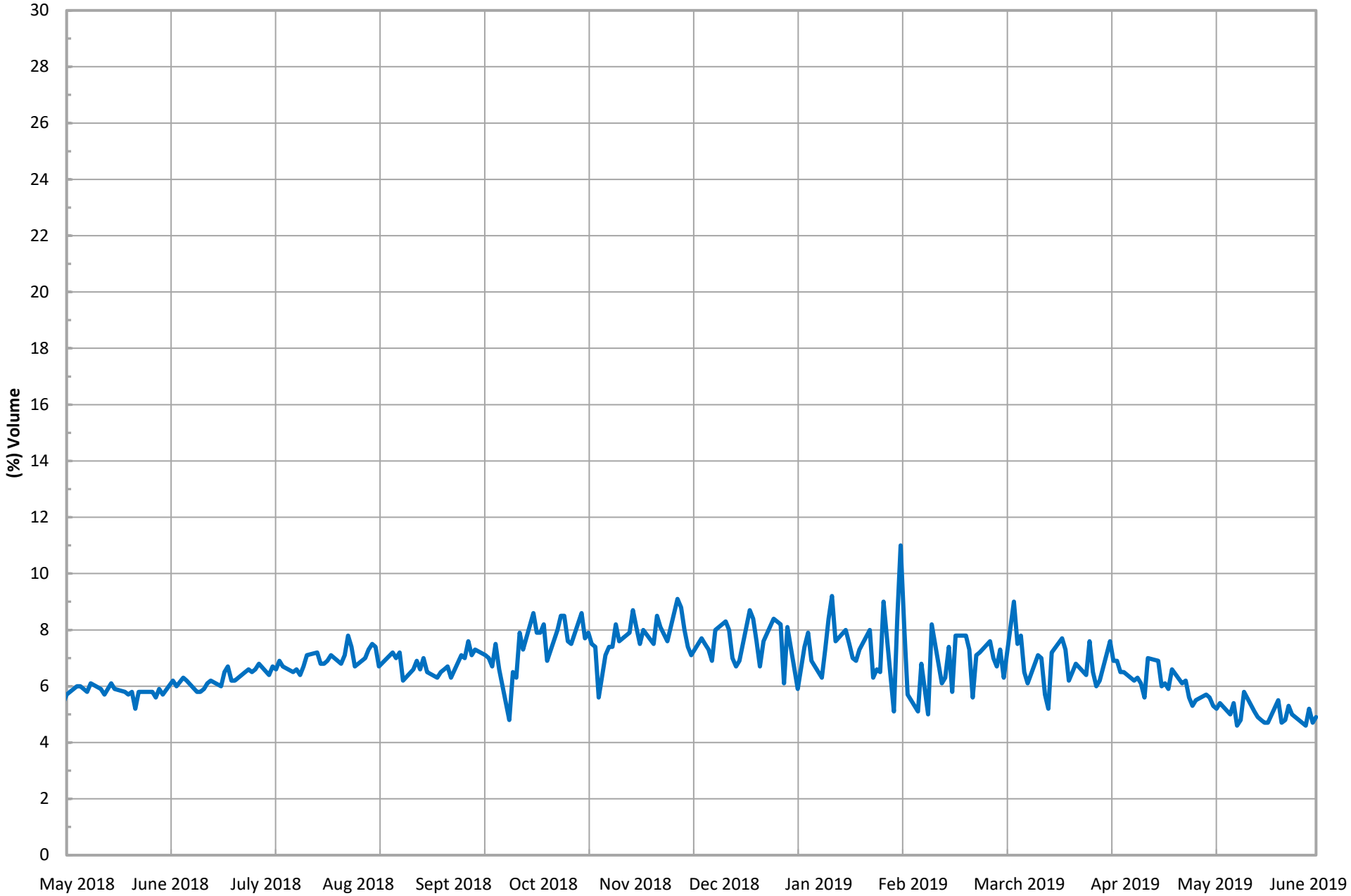
South Quarry Inlet Methane (Field Data)*



*Gas data collected from field monitoring data in the South Quarry.

BRIDGETON LANDFILL

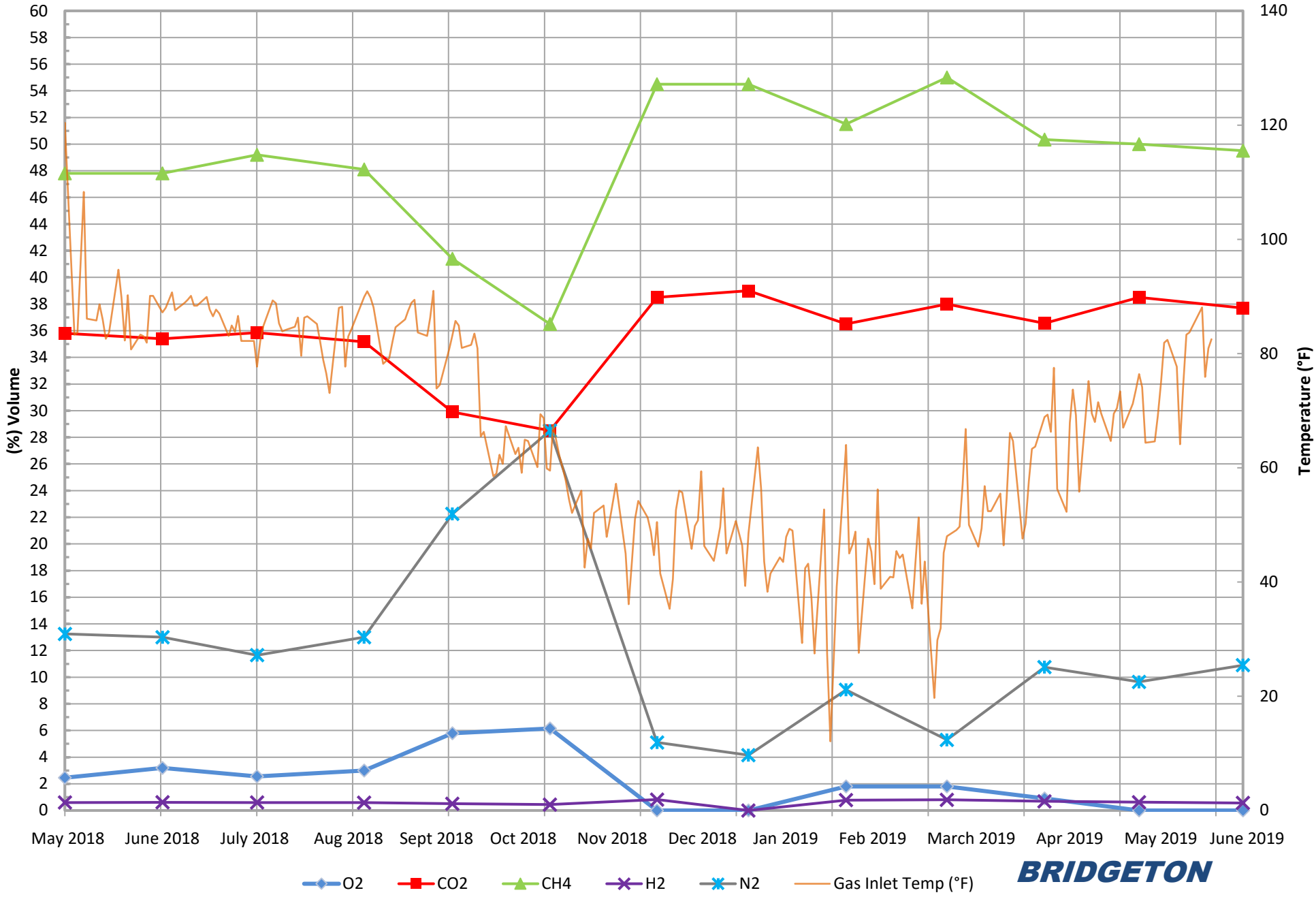
South Quarry Inlet Oxygen (Field Data)*



*Gas data collected from field monitoring data in the South Quarry.

BRIDGETON LANDFILL

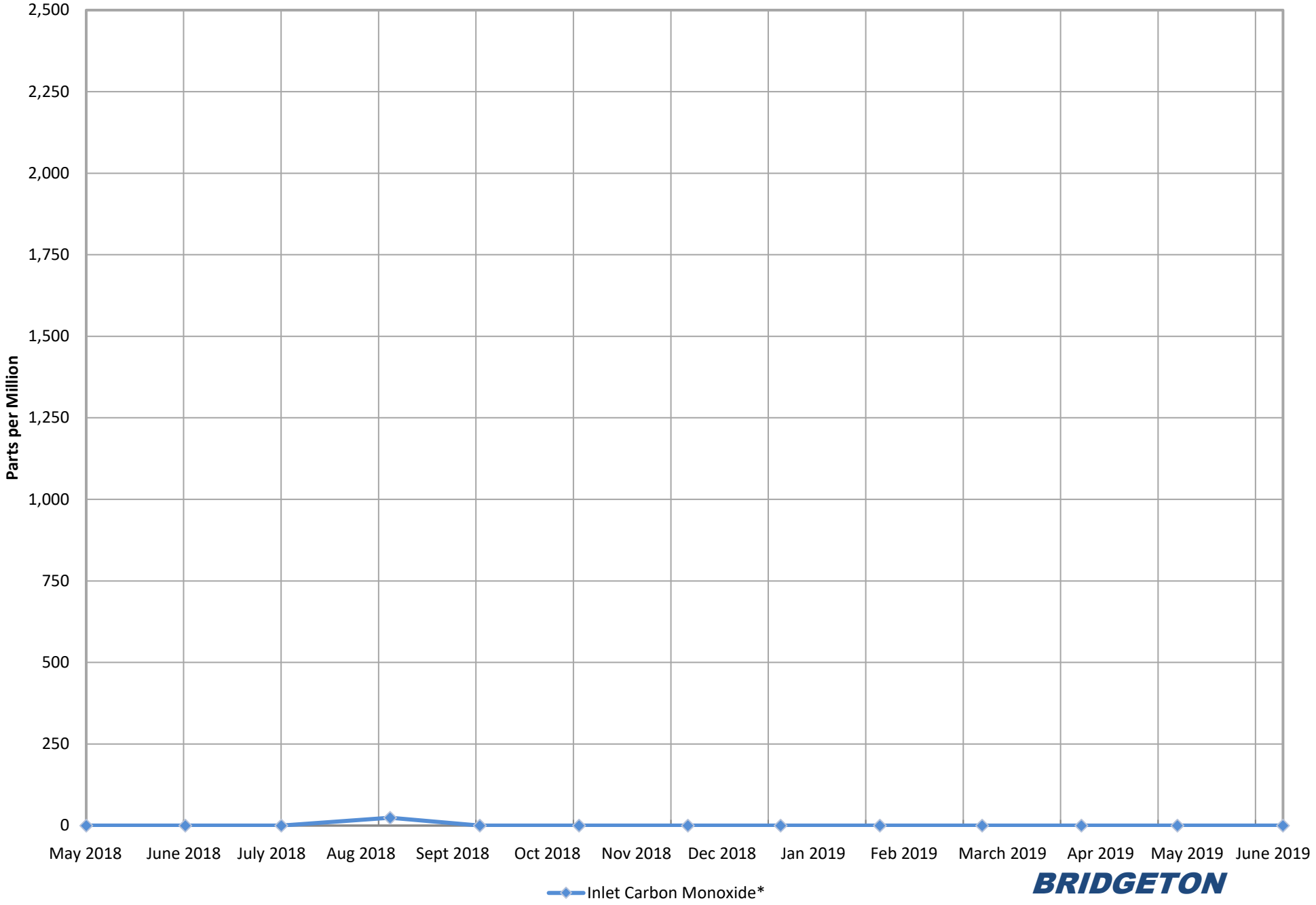
North Quarry Inlet Gas and Temperature*



BRIDGETON LANDFILL

*Gas data collected from Laboratory Reports. Temperature data collected from field readings.

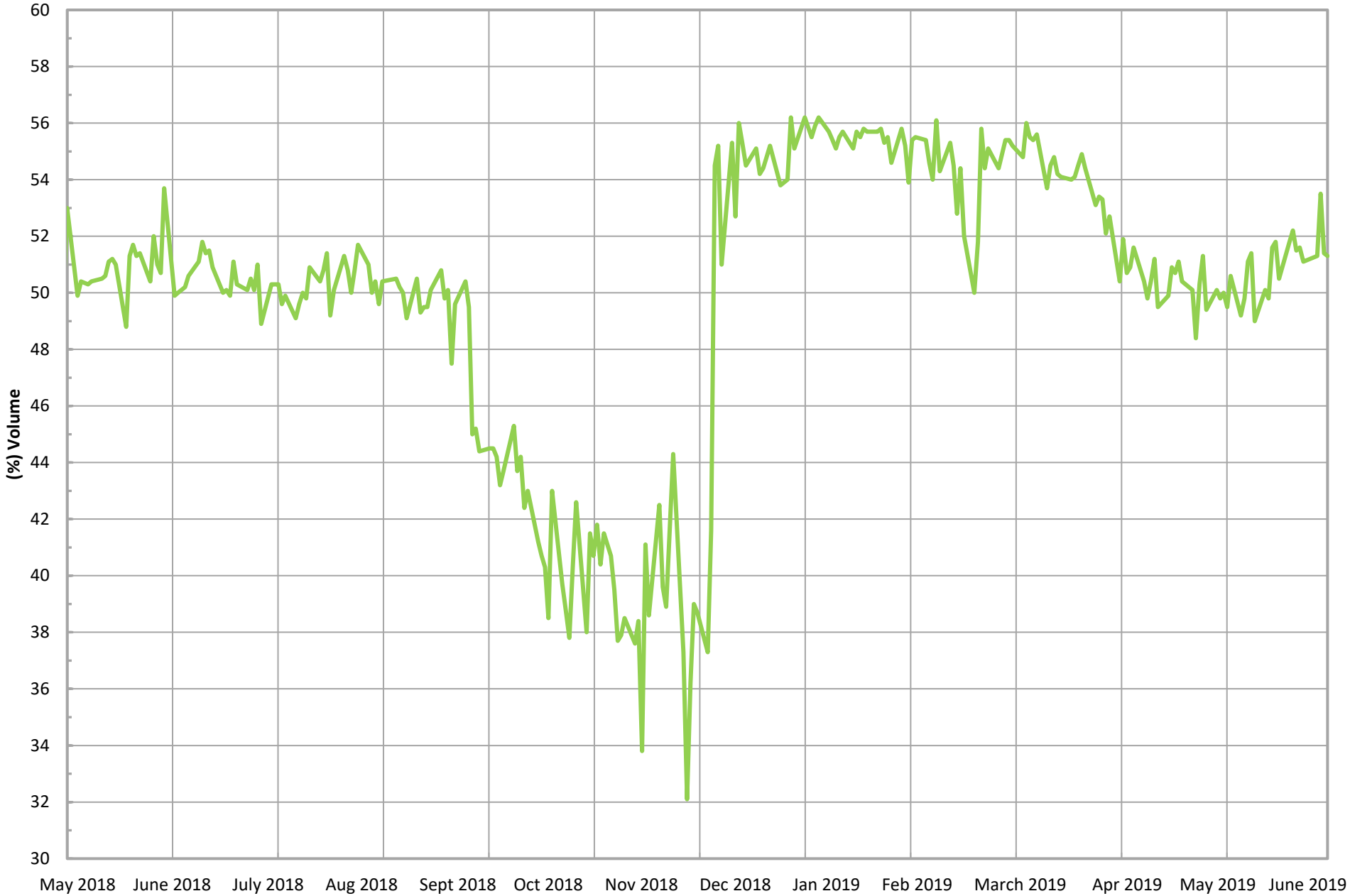
North Quarry Inlet Carbon Monoxide*



*Data collected from Laboratory Reports for the North Quarry.

BRIDGETON LANDFILL

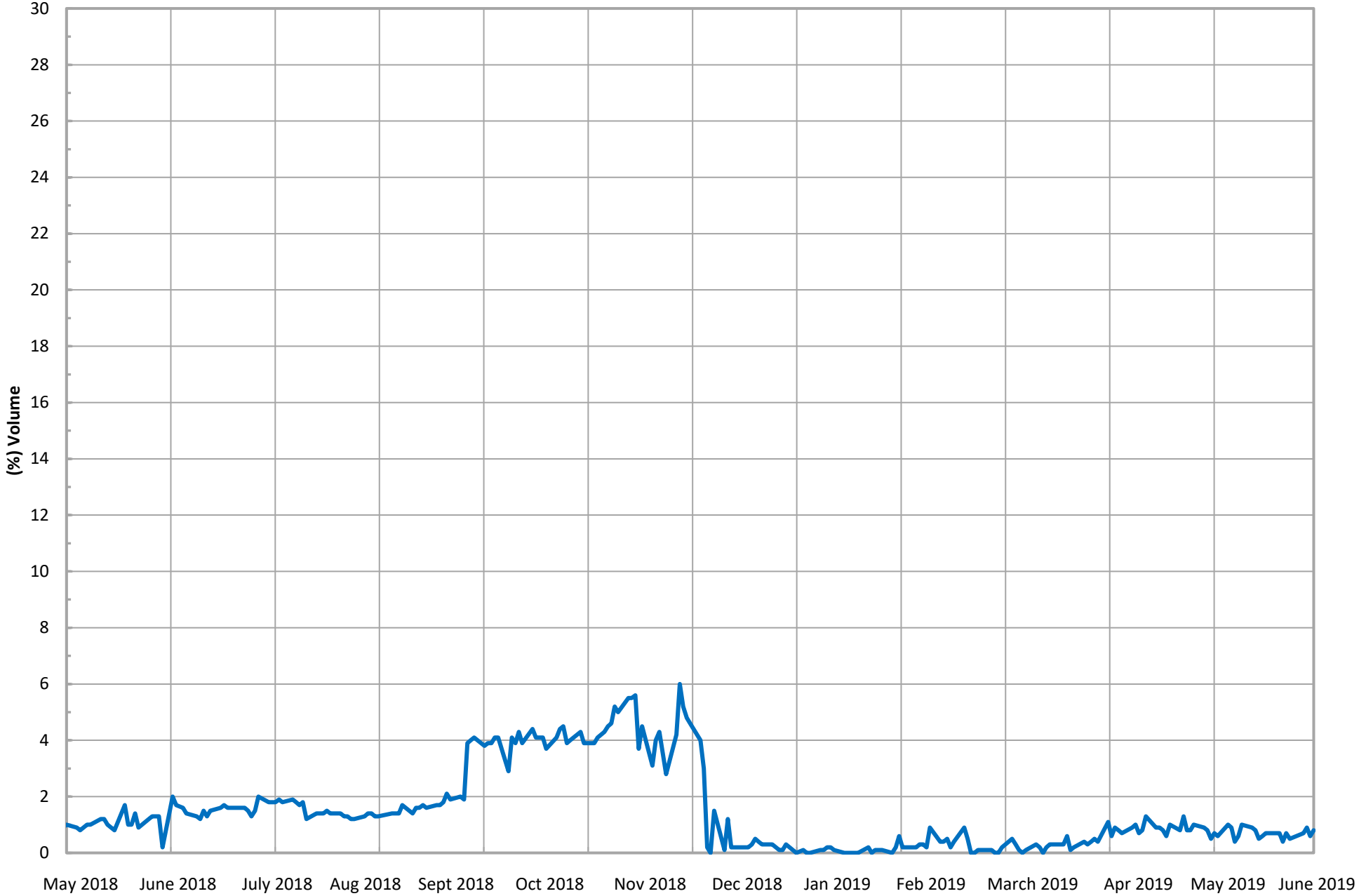
North Quarry Inlet Methane (Field Data)*



*Gas data collected from field monitoring data in the North Quarry.

BRIDGETON LANDFILL

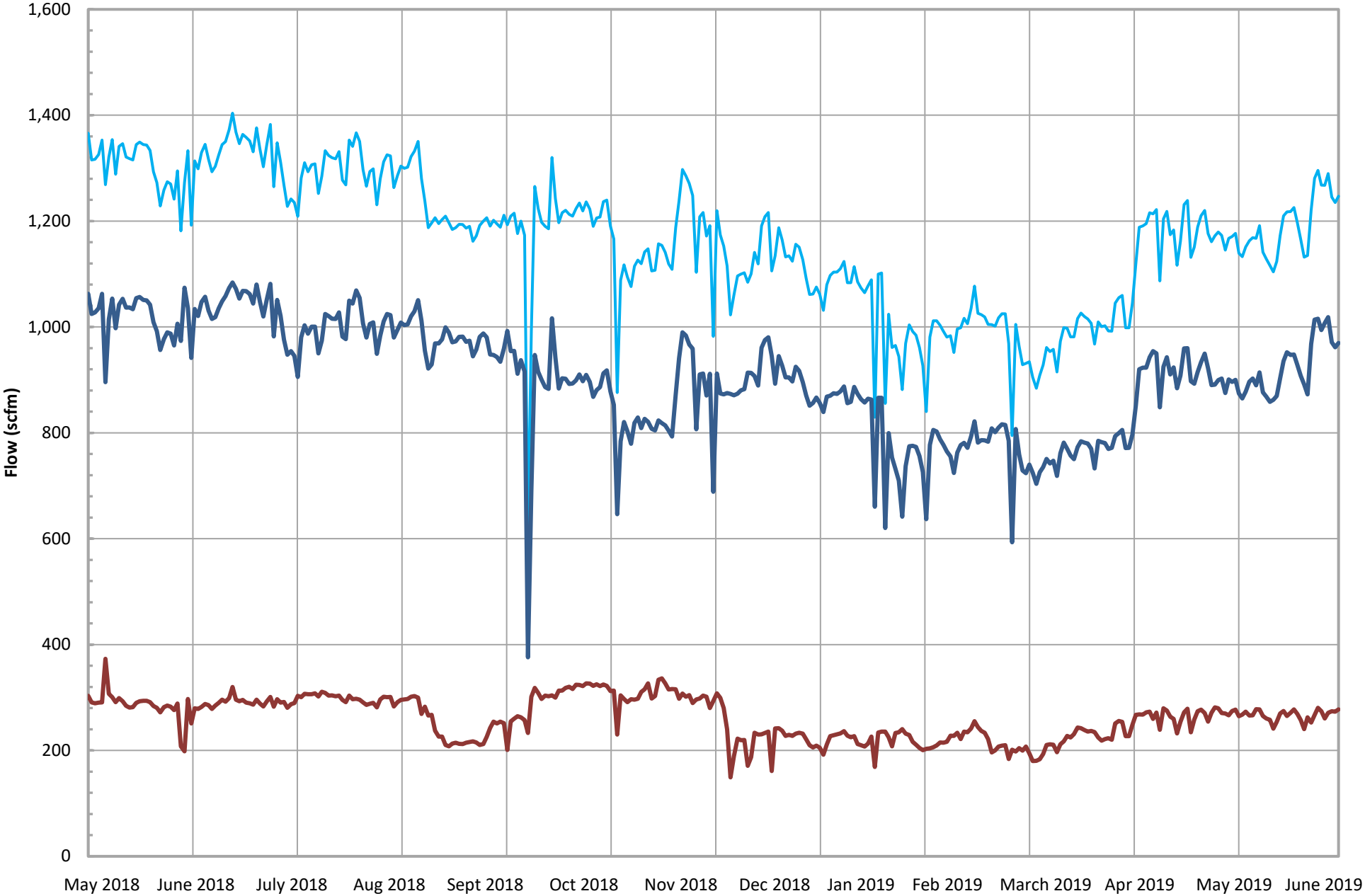
North Quarry Inlet Oxygen (Field Data)*



*Gas data collected from field monitoring data in the North Quarry.

BRIDGETON LANDFILL

Total Combined Flow (scfm)*



*Combined flow is based on tabulated flow data collected daily from FL-100, FL-120, FL-140, and the Auxillary Candlestick Flare.

Total Combined Flow (scfm)*

SQ Flare Station Total Utility Flare Flow

NQ Utility Flare

BRIDGETON LANDFILL

ATTACHMENT B

WELL CONDITON/STATUS REPORT

May 2019

ID	Well Condition	Comments
GEW-2	Operational	
GEW-2S	Operational	
GEW-3	Operational	
GEW-4	Operational	
GEW-5	Operational	
GEW-6	Operational	
GEW-7	Operational	
GEW-8	Operational	
GEW-9	Operational	
GEW-10	Operational	
GEW-13A	Operational	
GEW-15	Operational	
GEW-16R	Operational	
GEW-18B	Operational	
GEW-19A	Operational	
GEW-39	Operational	
GEW-40	Operational	
GEW-41R	Operational	
GEW-42R	Operational	
GEW-43R	Operational	
GEW-44	Operational	
GEW-45R	Operational	
GEW-46R	Operational	
GEW-47R	Operational	
GEW-48	Operational	
GEW-49	Operational	
GEW-50	Operational	
GEW-51	Operational	
GEW-52	Operational	
GEW-53	Operational	
GEW-54	Operational	
GEW-55	Operational	
GEW-56R	Operational	
GEW-57B	Operational	
GEW-58A	Operational	
GEW-59R	Operational	
GEW-67A	Operational	
GEW-68A	Operational	
GEW-78R	Operational	
GEW-82R	Operational	
GEW-86	Operational	
GEW-87	Operational	
GEW-88	Operational	
GEW-90	Operational	

May 2019		
ID	Well Condition	Comments
GEW-91	Operational	
GEW-100	Operational	
GEW-101	Operational	
GEW-102	Operational	
GEW-104	Operational	
GEW-105	Operational	
GEW-106	Operational	
GEW-107	Operational	
GEW-108	Operational	
GEW-109	Operational	
GEW-110	Operational	
GEW-113	Operational	
GEW-116	Operational	
GEW-117	Operational	
GEW-118	Operational	
GEW-120	Operational	
GEW-121	Operational	
GEW-122	Operational	
GEW-123	Operational	
GEW-124	Operational	
GEW-125	Operational	
GEW-126	Operational	
GEW-127	Operational	
GEW-128	Operational	
GEW-129	Operational	
GEW-130	Operational	
GEW-131	Operational	
GEW-132	Operational	
GEW-133	Operational	
GEW-134	Operational	
GEW-135	Operational	
GEW-137	Operational	
GEW-138	Operational	
GEW-139	Operational	
GEW-140	Operational	
GEW-144	Operational	
GEW-145	Operational	
GEW-147	Operational	
GEW-148	Operational	
GEW-149	Operational	
GEW-150	Operational	
GEW-151	Operational	
GEW-152	Operational	
GEW-153	Operational	

May 2019		
ID	Well Condition	Comments
GEW-154	Non-Operational	Decommissioned
GEW-155	Operational	
GEW-156	Operational	
GEW-157	Operational	
GEW-158	Operational	
GEW-159	Operational	
GEW-160	Operational	
GEW-161	Operational	
GEW-162	Operational	
GEW-163	Operational	
GEW-164	Operational	
GEW-165	Operational	
GEW-166	Operational	
GEW-167	Operational	
GEW-168	Operational	
GEW-169	Operational	
GEW-170	Operational	
GEW-171	Operational	
GEW-172	Operational	
GEW-173	Non-Operational	Decommissioned
GEW-174	Operational	
GEW-175	Operational	
GEW-176	Operational	
GEW-177	Operational	
GEW-178	Operational	
GEW-179	Operational	
GEW-180	Operational	
GEW-181	Operational	
GEW-182	Operational	
GEW-184	Operational	
GEW-185	Operational	
GEW-186	Operational	
GEW-187	Operational	
GEW-188	Operational	
GEW-217	Operational	
GEW-218	Operational	
GEW-219	Operational	
GEW-220	Operational	
GEW-221	Operational	
GEW-222	Operational	
GEW-223	Operational	
GEW-224	Operational	
GEW-225	Operational	
GEW-226	Operational	

May 2019		
ID	**Well Condition**	**Comments**
GEW-227	Operational	
GEW-228	Operational	
GEW-229	Operational	
GEW-230	Operational	
GEW-231	Operational	
GIW-1	Operational	
GIW-2	Operational	
GIW-3	Operational	
GIW-4	Operational	
GIW-5	Operational	
GIW-6	Operational	
GIW-7	Operational	
GIW-8	Operational	
GIW-9	Operational	
GIW-10	Operational	
GIW-11	Operational	
GIW-12	Operational	
GIW-13	Operational	

ATTACHMENT C

LABORATORY DATA

ATTACHMENT C-1

LABORATORY ANALYSES SUMMARY

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO_2	O_2/Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)					(ppm)	
North Quarry								
GEW-002	1/9/2019	57	40	ND	ND	ND	ND	
GEW-002	2/15/2019	55	36	ND	7.4	ND	ND	
GEW-002	3/5/2019	57	38	ND	3.6	ND	ND	
GEW-002	4/12/2019	53	39	ND	8.0	ND	ND	
GEW-002	5/13/2019	48	37	2.0	12	ND	ND	See Note 3
GEW-02S	1/10/2019	57	37	ND	4.6	ND	ND	
GEW-02S	2/15/2019	62	33	ND	4.3	ND	ND	
GEW-02S	3/5/2019	57	33	2.0	7.3	ND	ND	See Note 3
GEW-02S	4/12/2019	53	26	4.6	17	ND	ND	See Note 3
GEW-02S	4/30/2019	52	32	2.2	14	ND	ND	See Note 3
GEW-02S	5/13/2019	58	35	ND	6.2	ND	ND	
GEW-003	1/9/2019	55	37	ND	7.1	ND	ND	
GEW-003	2/15/2019	54	37	ND	8.5	0.047	ND	
GEW-003	3/5/2019	48	35	2.6	14	0.059	ND	See Note 3
GEW-003	4/12/2019	50	37	ND	12	0.055	ND	
GEW-003	5/13/2019	51	39	ND	9.0	ND	ND	
GEW-004	1/9/2019	55	38	ND	6.3	0.042	ND	
GEW-004	2/15/2019	55	38	ND	6.8	0.039	ND	
GEW-004	3/7/2019	55	38	ND	6.2	0.043	ND	
GEW-004	4/12/2019	52	38	ND	10	0.045	ND	
GEW-004	5/13/2019	47	35	2.9	15	ND	ND	See Note 3
GEW-005	1/9/2019	52	34	ND	13	ND	ND	
GEW-005	2/15/2019	47	31	1.7	20	ND	ND	
GEW-005	3/7/2019	53	35	ND	12	ND	ND	
GEW-005	4/12/2019	46	33	ND	20	ND	ND	
GEW-005	5/13/2019	48	35	ND	17	ND	ND	
GEW-006	1/10/2019	57	36	ND	6.7	0.04	ND	
GEW-006	2/14/2019	59	35	ND	4.6	ND	ND	
GEW-006	3/7/2019	57	36	ND	7.2	ND	ND	
GEW-006	4/12/2019	55	35	ND	8.8	ND	ND	
GEW-006	5/13/2019	53	37	ND	9.4	ND	ND	
GEW-007	1/7/2019	55	38	ND	5.5	ND	ND	
GEW-007	2/14/2019	59	38	ND	ND	ND	ND	
GEW-007	3/11/2019	59	38	ND	ND	ND	ND	
GEW-007	4/1/2019	58	39	ND	ND	ND	ND	
GEW-007	5/9/2019	56	40	ND	ND	ND	ND	
GEW-008	1/7/2019	54	41	ND	ND	1.4	ND	
GEW-008	2/14/2019	55	41	ND	ND	1.5	ND	
GEW-008	3/11/2019	50	38	2.4	8.4	1.2	ND	See Note 3
GEW-008	4/1/2019	54	41	ND	3.6	1.2	ND	
GEW-008	5/9/2019	53	43	ND	ND	1.1	ND	
GEW-009	1/7/2019	53	39	ND	6.2	0.84	ND	
GEW-009	2/14/2019	50	35	2.4	12	0.88	ND	See Note 3
GEW-009	3/11/2019	52	37	ND	9.6	0.55	ND	
GEW-009	4/1/2019	54	39	ND	5.6	0.76	ND	
GEW-009	5/9/2019	51	40	ND	8.1	0.52	ND	
GEW-040	1/7/2019	58	35	ND	6.3	ND	ND	
GEW-040	2/15/2019	56	33	ND	11	ND	ND	
GEW-040	3/11/2019	59	33	1.5	7.0	ND	ND	
GEW-040	4/12/2019	55	33	ND	11	ND	ND	
GEW-040	5/10/2019	52	34	ND	13	ND	ND	
GEW-041R	1/7/2019	57	36	ND	6.4	ND	ND	
GEW-041R	2/15/2019	56	33	ND	9.9	ND	ND	
GEW-041R	3/5/2019	58	34	ND	7.5	ND	ND	
GEW-041R	4/12/2019	56	34	ND	8.5	ND	ND	

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO_2	O_2/Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)					(ppm)	
GEW-041R	5/10/2019	55	36	ND	8.5	ND	ND	
GEW-042R	1/7/2019	56	37	ND	5.4	ND	ND	
GEW-042R	2/15/2019	59	37	ND	3.8	ND	ND	
GEW-042R	3/5/2019	58	38	ND	3.3	ND	ND	
GEW-042R	4/12/2019	59	38	ND	ND	ND	ND	
GEW-042R	5/10/2019	57	39	ND	3.2	ND	ND	
GEW-043R	1/8/2019	55	39	ND	4.7	0.20	ND	
GEW-043R	2/15/2019	57	38	ND	4.7	0.22	ND	
GEW-043R	3/5/2019	54	39	1.5	5.0	0.22	ND	
GEW-043R	4/12/2019	56	39	ND	3.9	0.19	ND	
GEW-043R	5/10/2019	56	41	ND	ND	0.15	ND	
GEW-044	1/8/2019	48	33	ND	17	ND	ND	
GEW-044	2/15/2019	46	32	ND	21	ND	ND	
GEW-044	3/5/2019	58	38	ND	3.0	ND	ND	
GEW-044	4/12/2019	47	32	ND	19	ND	ND	
GEW-044	5/10/2019	49	34	ND	15	ND	ND	
GEW-045R	1/10/2019	57	39	ND	ND	ND	ND	
GEW-045R	2/15/2019	59	39	ND	ND	ND	ND	
GEW-045R	3/5/2019	58	39	ND	ND	ND	ND	
GEW-045R	4/12/2019	52	36	2.7	9.3	ND	ND	See Note 3
GEW-045R	5/13/2019	57	40	ND	ND	ND	ND	
GEW-046R	1/10/2019	57	37	ND	4.7	0.038	ND	
GEW-046R	2/15/2019	52	34	ND	12	0.068	ND	
GEW-046R	3/5/2019	54	37	ND	8.4	0.092	ND	
GEW-046R	4/12/2019	47	32	2.6	18	0.085	ND	See Note 3
GEW-046R	5/13/2019	49	36	ND	14	0.056	ND	
GEW-047R	1/10/2019	53	37	ND	9.1	0.049	ND	
GEW-047R	2/15/2019	53	36	ND	11	0.035	ND	
GEW-047R	3/7/2019	54	38	ND	6.9	0.037	ND	
GEW-047R	4/12/2019	48	35	ND	16	ND	ND	
GEW-047R	5/13/2019	50	39	ND	11	ND	ND	
GEW-048	1/9/2019	59	38	ND	3.0	ND	ND	
GEW-048	2/15/2019	58	37	ND	5.1	ND	ND	
GEW-048	3/7/2019	57	37	ND	4.9	ND	ND	
GEW-048	4/12/2019	55	38	ND	6.2	ND	ND	
GEW-048	5/13/2019	53	38	ND	8.5	ND	ND	
GEW-049	1/10/2019	54	35	ND	9.7	ND	ND	
GEW-049	2/14/2019	57	37	ND	4.6	ND	ND	
GEW-049	3/5/2019	51	35	ND	14	ND	ND	
GEW-049	4/12/2019	45	31	ND	23	ND	ND	
GEW-049	5/13/2019	53	38	ND	8.2	ND	ND	
GEW-050	1/7/2019	56	36	ND	7.1	0.044	ND	
GEW-050	2/14/2019	56	36	ND	7.3	0.20	ND	
GEW-050	3/4/2019	55	36	ND	8.3	ND	ND	
GEW-050	4/1/2019	56	36	ND	7.4	ND	ND	
GEW-050	5/9/2019	50	35	1.9	13	ND	ND	
GEW-051	1/7/2019	55	39	ND	3.8	0.94	ND	
GEW-051	2/14/2019	57	39	ND	ND	1.0	ND	
GEW-051	3/5/2019	55	38	ND	4.0	1.3	ND	
GEW-051	4/1/2019	56	40	ND	ND	1.00	ND	
GEW-051	5/9/2019	50	37	2.3	9.1	0.80	ND	See Note 3
GEW-052	1/7/2019	53	38	ND	8.3	ND	ND	
GEW-052	2/14/2019	50	34	ND	15	ND	ND	
GEW-052	3/4/2019	52	35	ND	12	ND	ND	
GEW-052	4/1/2019	52	35	ND	12	ND	ND	

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO_2	O_2/Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)					(ppm)	
GEW-052	5/9/2019	47	35	ND	17	ND	ND	
GEW-053	1/7/2019	43	34	4.4	15	3.3	64	See Note 3
GEW-053	2/15/2019	52	39	ND	4.9	2.8	61	
GEW-053	3/11/2019	53	41	ND	ND	3.7	64	
GEW-053	4/9/2019	51	40	ND	4.8	2.9	66	
GEW-053	5/9/2019	51	42	ND	3.4	2.9	52	
GEW-054	1/7/2019	54	41	ND	ND	2.0	ND	
GEW-054	2/15/2019	54	39	ND	4.0	2.1	ND	
GEW-054	3/5/2019	53	40	ND	3.2	2.6	ND	
GEW-054	4/9/2019	53	41	ND	ND	1.9	ND	
GEW-054	5/9/2019	52	42	ND	ND	2.0	ND	
GEW-055	1/7/2019	53	42	ND	ND	2.0	ND	
GEW-055	2/15/2019	55	40	ND	ND	2.2	ND	
GEW-055	3/11/2019	53	41	ND	ND	2.8	32	
GEW-055	4/12/2019	53	41	ND	3.5	1.7	ND	
GEW-055	5/10/2019	52	41	ND	4.0	1.6	ND	
Flare Station²	1/4/2019	54.5	39.0	ND	4.2	ND	ND	See Note 5
Flare Station²	2/4/2019	51.5	36.5	1.8	9.1	0.8	ND	See Note 5
Flare Station²	3/8/2019	55.0	38.0	ND	5.3	0.8	ND	See Note 5
Flare Station²	4/8/2019	50.4	36.6	0.9	10.8	0.7	ND	See Note 5
Flare Station²	5/8/2019	50	39	ND	9.7	0.62	ND	See Note 5

Notes: (1) Based on the comparison of field to laboratory readings, oxygen to balance gas ratios, and historical concentrations, the sample was determined to be suspect due to oxygen introduction which likely occurred during sample collection or laboratory analytical methods. (2) MDNR also collected duplicate LFG samples at these locations during this sampling period. (3) Based on the oxygen verification readings taken with an Envision meter, it was determined there is a sample train leak. (4) Based on the oxygen verification readings taken with an Envision meter, it was determined that the readings are accurate. (5) Flare station gas concentration data is an average of NQ EP14 A (or 1) and NQ EP14 B (or 2), located in the North Quarry. (6) Flare station gas concentration data is an average of Outlets 1 and 2 (A & B) or SQ OU 1 and OU 2, located in the South Quarry. (7) Sample not reported by lab due to canister leak. (8) Invalid sample due to canister leak; resampled.

ND = Analyte not detected in sample.

² = Flare Station measured at EPA Method 2 flow port (blower outlet)

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO_2	O_2/Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)					(ppm)	
South Quarry								
GEW-010	1/8/2019	54	39	ND	5.1	0.34	ND	
GEW-010	2/13/2019	55	39	ND	4.4	0.59	ND	
GEW-010	3/6/2019	56	40	ND	ND	0.50	ND	
GEW-010	4/12/2019	54	41	ND	3.2	0.59	ND	
GEW-010	5/8/2019	53	43	ND	ND	0.50	ND	
GEW-013A	1/16/2019	8.6	57	1.6	10	22	670	
GEW-013A	4/2/2019	7.8	37	7.9	33	14	440	See Note 4
GEW-015	1/16/2019	17	46	ND	4.6	32	1,200	
GEW-015	4/5/2019	16	46	ND	6.7	30	1,000	
GEW-016R	1/16/2019	1.7	48	ND	3.6	46	1,300	
GEW-016R	4/5/2019	1.8	48	ND	ND	45	1,100	
GEW-018B	1/16/2019	0.74	44	2.1	7.9	45	1,500	
GEW-018B	4/2/2019	1.7	34	5.7	23	35	1,100	See Note 4
GEW-019A	1/16/2019	1.4	60	ND	5.0	32	1,700	
GEW-019A	4/9/2019	0.63	62	2.0	6.6	28	1,500	
GEW-039	1/8/2019	28	32	3.2	37	ND	ND	
GEW-039	2/13/2019	28	27	6.7	39	ND	ND	See Note 3
GEW-039	3/11/2019	29	31	4.0	36	0.060	ND	
GEW-039	4/12/2019	23	31	3.3	42	ND	ND	
GEW-039	5/8/2019	40	41	ND	18	ND	ND	
GEW-056R	1/8/2019	42	39	ND	8.0	9.8	170	
GEW-056R	2/13/2019	44	39	ND	6.4	9.3	170	
GEW-056R	3/6/2019	42	39	ND	7.4	11	160	
GEW-056R	4/12/2019	40	38	ND	13	7.5	130	
GEW-056R	5/8/2019	41	40	ND	11	7.4	110	
GEW-057B	1/14/2019	1.6	52	ND	3.5	41	980	
GEW-057B	4/12/2019	2.1	53	ND	ND	41	930	
GEW-058A	1/14/2019	4.7	19	9.8	53	13	470	See Note 4
GEW-058A	4/12/2019	4.2	30	3.1	42	20	710	
GEW-059R	1/14/2019	26	36	ND	16	21	540	
GEW-059R	4/12/2019	28	38	ND	11	22	560	
GEW-067A	1/16/2019	7.8	47	1.7	8.4	34	510	
GEW-067A	4/5/2019	5.9	29	7.9	39	17	290	See Note 4
GEW-068A	1/15/2019	5.9	54	ND	3.4	35	1,700	
GEW-068A	4/11/2019	0.83	53	ND	5.4	38	1,700	
GEW-078R	1/17/2019	3.1	44	ND	15	36	810	
GEW-078R	4/9/2019	7.5	29	1.9	42	19	500	
GEW-082R	1/16/2019	9.9	28	4.1	39	20	630	
GEW-082R	4/8/2019	9.3	32	1.8	35	22	620	
GEW-086	1/16/2019	18	36	2.5	35	7.7	160	
GEW-086	4/5/2019	14	30	3.1	45	7.0	130	
GEW-087	1/16/2019	3.1	18	11	59	7.7	190	See Note 4
GEW-087	4/13/2019	0.92	14	15	63	8.0	200	See Note 4
GEW-088	1/22/2019	1.4	45	ND	3.7	48	1,200	
GEW-088	4/5/2019	6.0	36	3.4	30	24	570	
GEW-090	1/15/2019	23	42	ND	6.1	28	850	
GEW-090	4/5/2019	9.5	45	ND	ND	41	1,300	
GEW-091	1/8/2019	2.6	45	2.1	7.0	41	510	
GEW-091	2/13/2019	4.9	47	ND	ND	43	550	
GEW-091	3/11/2019	4.5	46	ND	3.6	43	500	
GEW-091	4/12/2019	2.2	52	ND	ND	41	570	
GEW-091	5/8/2019	2.0	51	ND	3.7	39	620	
GEW-100	1/15/2019	1.5	39	7.5	26	25	690	See Note 4
GEW-100	4/11/2019	2.4	49	3.8	13	31	850	

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO_2	O_2/Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)					(ppm)	
GEW-101	1/15/2019	23	57	3.2	15	2.1	180	
GEW-101	4/11/2019	33	48	3.7	14	ND	ND	
GEW-102	1/15/2019	15	41	3.7	13	27	240	
GEW-102	4/11/2019	18	38	4.1	14	25	210	
GEW-104	1/14/2019	32	33	2.5	24	7.9	150	
GEW-104	4/2/2019	2.6	12	17	61	7.6	170	See Note 4
GEW-105	1/14/2019	21	50	ND	ND	26	910	
GEW-105	4/10/2019	20	42	2.0	16	19	720	
GEW-106	1/14/2019	20	40	1.6	24	14	430	
GEW-106	4/12/2019	11	47	2.8	19	21	520	
GEW-107	1/14/2019	12	50	1.4	4.7	31	1,200	
GEW-107	4/12/2019	14	52	ND	3.3	29	1,200	
GEW-108	1/8/2019	39	42	2.7	13	5.6	110	
GEW-108	2/13/2019	43	43	ND	5.0	7.7	140	
GEW-108	3/5/2019	38	38	3.2	14	7.0	110	
GEW-108	4/12/2019	42	45	ND	4.9	7.2	140	
GEW-108	5/8/2019	39	46	ND	6.5	7.1	130	
GEW-109	1/8/2019	32	35	2.9	26	5.8	150	
GEW-109	2/13/2019	35	39	ND	16	8.7	230	
GEW-109	3/11/2019	36	40	1.8	18	4.4	160	
GEW-109	4/12/2019	29	31	6.4	31	2.0	70	See Note 3
GEW-109	5/8/2019	43	45	ND	9.1	1.5	45	
GEW-110	1/8/2019	20	49	ND	4.6	25	600	
GEW-110	2/14/2019	32	33	4.7	26	4.5	110	
GEW-110	3/6/2019	14	29	8.8	33	14	320	See Note 4
GEW-110	4/12/2019	4.9	6.7	19	67	2.0	58	See Note 4
GEW-110	5/8/2019	26	48	ND	6.7	18	380	
GEW-113	1/16/2019	7.8	34	8.7	32	17	690	See Note 3
GEW-113	4/5/2019	8.6	44	3.9	21	22	810	
GEW-116	1/17/2019	6.2	50	3.8	15	25	1,000	
GEW-116	4/8/2019	14	42	4.2	29	11	540	
GEW-117	1/16/2019	40	53	ND	4.7	0.44	81	
GEW-117	4/13/2019	38	44	4.0	14	0.031	32	
GEW-118	1/16/2019	1.9	54	ND	ND	40	840	
GEW-118	4/13/2019	2.2	34	8.3	29	27	760	See Note 4
GEW-120	1/16/2019	22	41	2.3	32	2.3	130	
GEW-120	4/8/2019	37	44	2.3	16	0.70	75	
GEW-121	1/16/2019	14	51	ND	3.4	31	1,100	
GEW-121	4/9/2019	21	52	ND	5.2	21	690	
GEW-122	1/16/2019	36	38	ND	11	14	540	
GEW-122	4/9/2019	31	32	3.5	22	11	400	
GEW-123	1/22/2019	24	44	ND	30	0.34	160	
GEW-123	4/9/2019	16	52	ND	18	12	600	
GEW-124	1/22/2019	9.3	10	18	62	ND	ND	See Note 4
GEW-124	4/9/2019	9.1	8.0	19	64	ND	ND	See Note 4
GEW-125	1/16/2019	10	47	ND	16	26	1,300	
GEW-125	4/9/2019	21	51	1.7	6.5	19	630	
GEW-126	1/16/2019	13	40	1.9	30	15	880	
GEW-126	4/13/2019	14	35	5.9	33	11	730	See Note 3
GEW-127	1/16/2019	4.7	23	11	51	9.8	730	See Note 4
GEW-127	4/10/2019	6.8	55	ND	8.4	27	1,900	
GEW-128	1/16/2019	10.0	34	8.6	37	10	590	See Note 4
GEW-128	4/10/2019	15	42	5.1	25	11	710	See Note 3
GEW-129	1/16/2019	14	59	ND	ND	23	1,800	
GEW-129	4/10/2019	16	59	ND	3.7	19	1,500	
GEW-130	1/16/2019	14	47	2.1	8.0	29	2,100	

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO_2	O_2/Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)					(ppm)	
GEW-130	4/10/2019	15	48	ND	8.4	26	1,800	
GEW-131	1/16/2019	35	42	ND	ND	21	1,100	
GEW-131	4/9/2019	40	39	ND	5.2	14	730	
GEW-132	1/16/2019	17	34	3.2	27	17	740	
GEW-132	4/9/2019	18	28	5.0	39	10	430	See Note 4
GEW-133	1/17/2019	17	49	ND	4.3	28	800	
GEW-133	4/8/2019	0.93	39	7.9	27	24	1,000	See Note 3
GEW-134	1/16/2019	16	39	2.7	26	16	550	
GEW-134	4/5/2019	8.2	38	2.9	38	12	420	
GEW-135	1/16/2019	3.8	50	ND	8.0	37	1,300	
GEW-135	4/5/2019	3.6	49	ND	11	35	1,100	
GEW-137	1/16/2019	23	29	3.0	44	0.36	38	
GEW-137	4/8/2019	44	38	ND	16	0.35	ND	
GEW-138	1/17/2019	4.2	20	8.7	55	12	470	See Note 4
GEW-138	4/8/2019	4.2	17	8.7	61	8.9	330	See Note 4
GEW-139	1/16/2019	1.1	50	ND	4.3	43	2,600	
GEW-139	4/11/2019	3.0	53	ND	3.7	38	2,000	
GEW-140	1/16/2019	5.1	44	ND	20	29	1,300	
GEW-140	4/11/2019	6.0	37	4.6	27	25	970	
GEW-144	1/15/2019	44	37	4.1	14	1.2	60	
GEW-144	4/11/2019	41	36	4.4	15	2.6	98	
GEW-145	1/14/2019	7.1	47	1.6	5.3	38	1,200	
GEW-145	4/11/2019	13	32	8.4	29	17	460	See Note 4
GEW-147	1/16/2019	15	45	ND	18	21	680	
GEW-147	4/5/2019	10	43	1.9	26	19	540	
GEW-148	1/16/2019	15	47	1.9	7.2	28	1,500	
GEW-148	4/5/2019	14	51	ND	4.9	29	1,300	
GEW-149	1/16/2019	14	40	ND	31	14	510	
GEW-149	4/2/2019	6.5	25	6.9	57	3.9	180	See Note 4
GEW-150	1/14/2019	33	46	ND	ND	17	550	
GEW-150	4/12/2019	25	38	3.9	21	12	400	
GEW-151	1/22/2019	15	41	3.4	22	18	540	
GEW-151	4/5/2019	9.1	27	7.9	49	6.7	220	See Note 4
GEW-152	1/14/2019	30	44	ND	7.1	18	530	
GEW-152	4/12/2019	24	40	3.0	14	18	410	
GEW-153	1/14/2019	45	33	ND	20	0.43	ND	
GEW-153	4/12/2019	43	32	ND	23	0.42	ND	
GEW-155	1/16/2019	0.79	9.4	13	73	3.7	150	See Note 4
GEW-155	4/8/2019	0.35	6.9	17	74	2.2	67	See Note 4
GEW-156	1/14/2019	34	41	3.0	14	6.7	170	
GEW-156	4/11/2019	45	47	ND	5.8	ND	ND	
GEW-157	1/14/2019	20	45	ND	4.5	29	950	
GEW-157	4/12/2019	15	39	4.1	14	27	860	
GEW-158	1/14/2019	25	43	ND	16	15	380	
GEW-158	4/12/2019	25	49	ND	6.8	18	430	
GEW-159	1/8/2019	41	37	1.8	15	5.2	150	
GEW-159	2/13/2019	43	39	ND	8.2	7.9	290	
GEW-159	3/5/2019	49	40	ND	8.7	2.1	33	
GEW-159	4/12/2019	42	39	ND	13	4.4	190	
GEW-159	5/8/2019	40	41	ND	14	3.9	140	
GEW-160	1/8/2019	7.0	44	ND	11	35	1,500	
GEW-160	2/13/2019	14	40	2.0	16	29	820	
GEW-160	3/6/2019	7.9	39	4.1	17	32	1,000	
GEW-160	4/12/2019	8.5	41	2.7	17	30	1,100	
GEW-160	5/8/2019	7.8	45	ND	15	29	1,000	
GEW-161	1/8/2019	5.0	50	ND	10	33	1,400	
GEW-161	2/13/2019	4.8	48	ND	5.2	41	1,500	

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO_2	O_2/Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)					(ppm)	
GEW-161	3/11/2019	0.68	49	ND	4.2	44	1,900	
GEW-161	4/12/2019	2.5	46	3.5	12	35	1,400	
GEW-161	5/8/2019	2.0	55	ND	5.2	34	1,300	
GEW-162	1/8/2019	9.3	54	3.3	14	18	730	
GEW-162	2/13/2019	13	55	2.9	12	16	630	
GEW-162	3/6/2019	13	51	4.3	16	15	530	
GEW-162	4/12/2019	6.9	47	3.9	18	23	950	
GEW-162	5/8/2019	8.5	57	1.7	18	14	560	
GEW-163	1/14/2019	5.5	22	12	51	9.6	270	See Note 4
GEW-163	4/9/2019	13	36	6.4	35	8.5	240	See Note 4
GEW-164	1/14/2019	36	56	ND	5.8	1.5	210	
GEW-164	4/9/2019	32	50	ND	16	0.32	55	
GEW-165	1/14/2019	17	55	2.0	7.6	18	710	
GEW-165	4/9/2019	6.0	27	11	45	11	530	See Note 4
GEW-166	1/14/2019	3.3	49	ND	5.7	40	2,400	
GEW-166	4/9/2019	0.52	52	ND	3.3	42	2,600	
GEW-167	1/14/2019	11	44	ND	6.9	36	1,600	
GEW-167	4/9/2019	3.3	46	ND	5.2	44	2,000	
GEW-168	1/14/2019	14	44	2.1	20	19	730	
GEW-168	4/9/2019	24	47	2.7	12	13	540	
GEW-169	1/14/2019	3.6	43	3.5	24	25	1,200	
GEW-169	4/9/2019	8.2	36	5.8	34	16	810	See Note 4
GEW-170	1/16/2019	9.6	37	6.9	31	15	1,000	
GEW-170	4/2/2019	10	39	6.3	29	16	1,000	See Note 4
GEW-171	1/15/2019	15	53	2.1	8.0	22	1,100	
GEW-171	4/11/2019	2.0	3.7	21	73	0.22	42	See Note 4
GEW-172	1/16/2019	15	44	1.7	11	28	1,400	
GEW-172	4/11/2019	7.0	50	2.2	8.4	32	2,000	
GEW-174	1/15/2019	14	36	ND	37	11	400	
GEW-174	4/11/2019	13	33	1.7	41	11	360	
GEW-175	1/14/2019	21	35	5.2	31	7.6	280	See Note 3
GEW-175	4/12/2019	24	38	4.6	28	5.0	200	
GEW-176	1/14/2019	28	31	6.5	33	1.6	71	See Note 4
GEW-176	4/12/2019	32	36	4.9	26	1.4	63	
GEW-177	1/16/2019	5.5	59	ND	4.5	29	2,900	
GEW-177	4/2/2019	10	59	ND	7.0	22	2,100	
GEW-178	1/8/2019	8.5	21	15	55	0.64	68	See Note 4
GEW-178	4/2/2019	17	35	9.9	37	0.34	ND	See Note 4
GEW-179	1/8/2019	19	52	5.0	23	1.1	86	See Note 3
GEW-179	4/12/2019	20	56	4.7	18	0.47	92	
GEW-180	1/8/2019	18	66	ND	7.8	7.4	280	
GEW-180	4/12/2019	21	68	ND	ND	7.0	280	
GEW-181	1/8/2019	19	64	ND	10	4.5	390	
GEW-181	4/12/2019	27	64	ND	5.7	1.2	220	
GEW-182	1/9/2019	16	36	6.8	26	15	500	See Note 4
GEW-182	4/8/2019	3.9	20	12	59	4.3	180	See Note 4
GEW-184	1/9/2019	8.5	12	17	62	0.15	ND	See Note 4
GEW-184	4/8/2019	25	41	5.3	27	0.70	74	See Note 3
GEW-185	1/9/2019	18	52	2.8	12	14	450	
GEW-185	4/2/2019	25	53	2.0	11	8.4	250	
GEW-186	1/9/2019	15	41	6.2	25	13	610	See Note 4
GEW-186	4/10/2019	28	47	3.0	14	8.3	440	
GEW-187	1/8/2019	26	52	ND	6.3	13	440	
GEW-187	2/13/2019	30	53	ND	ND	14	440	
GEW-187	3/6/2019	31	53	ND	ND	14	370	
GEW-187	4/12/2019	29	50	2.0	7.0	11	350	
GEW-187	5/8/2019	31	54	ND	ND	11	320	

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Well Name	Date Sampled	Methane	CO_2	O_2/Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)					(ppm)	
GEW-188	1/9/2019	0.69	34	6.5	26	33	1,500	See Note 4
GEW-188	4/13/2019	5.5	16	13	58	7.5	340	See Note 4
GEW-217	1/14/2019	12	36	6.6	23	22	570	See Note 4
GEW-217	4/12/2019	6.7	39	6.8	23	24	700	See Note 4
GEW-218	1/14/2019	20	39	2.4	23	15	500	
GEW-218	4/2/2019	19	36	3.4	28	13	420	
GEW-219	1/14/2019	7.9	26	5.2	54	6.6	250	See Note 3
GEW-219	4/2/2019	11	25	5.8	50	7.9	260	See Note 4
GEW-220	1/15/2019	3.5	47	3.1	15	32	1,500	
GEW-220	4/12/2019	4.5	53	ND	5.1	35	1,600	
GEW-221	1/15/2019	14	36	1.5	38	10	230	
GEW-221	4/12/2019	14	53	ND	3.3	28	810	
GEW-222	1/15/2019	26	39	ND	20	14	390	
GEW-222	4/11/2019	23	45	ND	12	17	630	
GEW-223	1/15/2019	9.4	57	ND	ND	30	2,100	
GEW-223	4/11/2019	16	56	ND	ND	23	1,500	
GEW-224	1/15/2019	21	62	ND	3.4	12	1,200	
GEW-224	4/11/2019	11	55	ND	3.6	28	2,100	
GEW-225	1/15/2019	22	48	ND	6.6	22	940	
GEW-225	4/1/2019	0.51	56	ND	ND	39	3,100	
GEW-226	1/15/2019	9.5	25	1.5	55	8.1	320	
GEW-226	4/11/2019	1.2	54	ND	ND	39	2,400	
GEW-227	1/15/2019	3.5	28	7.8	40	19	610	See Note 3
GEW-227	4/8/2019	3.7	27	6.0	51	12	340	See Note 4
GEW-228	1/15/2019	1.8	12	12	67	6.4	94	See Note 3
GEW-228	4/8/2019	1.3	8.2	16	71	3.4	66	See Note 4
GEW-229	1/15/2019	1.8	8.9	12	76	1.1	66	See Note 4
GEW-229	4/8/2019	1.3	7.2	15	76	0.38	ND	See Note 4
GEW-230	1/15/2019	10	30	7.3	36	16	360	See Note 4
GEW-230	4/8/2019	5.5	32	5.7	36	20	470	See Note 4
GEW-231	1/15/2019	11	36	8.8	32	12	670	See Note 3
GEW-231	4/11/2019	23	56	ND	5.6	13	640	
GIW-01	1/7/2019	8.6	60	ND	3.9	26	1,000	
GIW-01	2/14/2019	12	59	ND	4.5	24	940	
GIW-01	3/6/2019	11	55	1.9	8.5	23	860	
GIW-01	4/9/2019	12	53	2.0	10	21	830	
GIW-01	5/7/2019	13	56	ND	10	19	760	
GIW-02	1/7/2019	1.0	23	13	52	11	630	See Note 4
GIW-02	2/14/2019	1.8	23	12	54	9.4	510	See Note 4
GIW-02	3/6/2019	9.3	29	5.5	48	8.3	390	See Note 4
GIW-02	4/9/2019	1.5	19	14	58	7.3	390	See Note 4
GIW-02	5/7/2019	0.88	19	13	60	6.8	390	See Note 4
GIW-03	1/7/2019	0.99	40	8.1	29	22	930	See Note 3
GIW-03	2/14/2019	1.2	54	2.7	9.7	32	1,400	
GIW-03	3/11/2019	5.1	28	10	40	16	480	See Note 4
GIW-03	4/9/2019	5.9	30	10	40	13	480	See Note 4
GIW-03	5/7/2019	2.7	25	12	48	11	450	See Note 4
GIW-04	1/7/2019	2.5	39	5.3	19	34	1,300	See Note 3
GIW-04	2/14/2019	2.4	45	2.3	8.1	42	1,900	
GIW-04	3/11/2019	11	46	2.5	11	29	840	
GIW-04	4/9/2019	6.9	47	2.1	14	30	1,100	
GIW-04	5/7/2019	12	51	ND	10	25	850	
GIW-05	1/7/2019	1.7	47	3.2	12	36	470	
GIW-05	2/14/2019	0.46	15	16	58	10	100	See Note 4
GIW-05	3/11/2019	0.076	1.5	22	77	ND	ND	See Note 4
GIW-05	4/9/2019	0.12	5.0	21	72	1.9	ND	See Note 4
GIW-05	5/7/2019	1.6	23	12	44	19	190	See Note 4

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO_2	O_2/Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)					(ppm)	
GIW-06	1/7/2019	28	41	ND	17	13	160	
GIW-06	2/13/2019	33	41	ND	10	14	150	
GIW-06	3/11/2019	1.6	41	3.9	13	39	370	
GIW-06	4/10/2019	28	42	ND	14	15	180	
GIW-06	5/7/2019	33	41	ND	21	3.6	56	
GIW-07	1/7/2019	46	48	ND	3.6	3.0	150	
GIW-07	2/14/2019	48	45	ND	4.0	1.3	140	
GIW-07	3/11/2019	49	46	ND	3.4	0.70	100	
GIW-07	4/10/2019	47	47	ND	3.7	0.56	110	
GIW-07	5/7/2019	48	46	ND	4.2	0.42	65	
GIW-08	1/7/2019	45	47	ND	6.7	0.67	35	
GIW-08	2/14/2019	48	46	ND	4.3	0.28	ND	
GIW-08	3/11/2019	45	45	ND	8.6	0.095	ND	
GIW-08	4/10/2019	46	48	ND	4.7	0.048	ND	
GIW-08	5/7/2019	46	47	ND	5.8	0.040	ND	
GIW-09	1/7/2019	15	31	ND	45	7.6	130	
GIW-09	2/14/2019	18	34	ND	34	12	190	
GIW-09	3/11/2019	17	33	ND	41	7.2	100	
GIW-09	4/10/2019	12	40	ND	27	19	300	
GIW-09	5/7/2019	13	37	ND	37	11	150	
GIW-10	1/7/2019	11	30	ND	42	15	380	
GIW-10	2/14/2019	14	35	ND	31	19	470	
GIW-10	3/11/2019	13	33	1.6	36	16	390	
GIW-10	4/12/2009	11	29	1.6	47	11	310	
GIW-10	5/8/2019	15	34	ND	37	13	290	
GIW-11	1/7/2019	17	33	1.8	39	7.9	390	
GIW-11	2/14/2019	19	37	1.7	32	9.5	450	
GIW-11	3/6/2019	19	37	ND	32	10	420	
GIW-11	4/12/2019	15	28	4.5	49	3.6	280	
GIW-11	5/8/2019	18	35	1.7	40	4.7	300	
GIW-12	1/7/2019	21	32	4.9	32	10	400	
GIW-12	2/14/2019	20	33	5.3	31	11	460	See Note 3
GIW-12	3/6/2019	21	37	2.7	27	13	440	
GIW-12	4/12/2019	23	30	5.4	37	5.0	230	See Note 4
GIW-12	5/8/2019	21	33	4.0	35	7.0	240	
GIW-13	1/7/2019	27	53	ND	3.9	15	390	
GIW-13	2/14/2019	27	49	ND	7.4	15	350	
GIW-13	3/6/2019	29	49	ND	6.7	14	290	
GIW-13	4/12/2019	36	47	ND	5.6	11	240	
GIW-13	5/8/2019	34	48	ND	6.5	9.6	220	
Flare Station²	1/4/2019	14.0	33.5	7.6	34.0	10.0	385	See Note 6
Flare Station²	2/4/2019	17	38.0	5.5	27.0	11	380	See Note 6
Flare Station²	3/8/2019	17	36.0	6.3	31.0	10	340	See Note 6
Flare Station²	4/8/2019	16	35.2	6.6	31.8	10	350	See Note 6
Flare Station²	5/8/2019	17	40	4.8	27	9.5	340	See Note 6

Notes: (1) Based on the comparison of field to laboratory readings, oxygen to balance gas ratios, and historical concentrations, the sample was determined to be suspect due to oxygen introduction which likely occurred during sample collection or laboratory analytical methods. (2) MDNR also collected duplicate LFG samples at these locations during this sampling period. (3) Based on the oxygen verification readings taken with an Envision meter, it was determined there is a sample train leak. (4) Based on the oxygen verification readings taken with an Envision meter, it was determined that the readings are accurate. (5) Flare station gas concentration data is an average of NQ EP14 A (or 1) and NQ EP14 B (or 2), located in the North Quarry. (6) Flare station gas concentration data is an average of Outlets 1 and 2 (A & B) or SQ OU 1 and OU 2, located in the South Quarry. (7) Sample not reported by lab due to canister leak. (8) Invalid sample due to canister leak; resampled.

ND = Analyte not detected in sample.

² = Flare Station Inlet measured at EPA Method 2 flow port (blower outlet)

ATTACHMENT C-2

LABORATORY ANALYSES REPORTS

AirTECHNOLOGY
Laboratories, Inc.

May 23, 2019

LA Cert #04140
EPA Methods TO3, TO14A, TO15, 25C/3C, RSK-175

TX Cert T104704450-14-6
EPA Methods TO14A, TO15

UT Cert CA0133332015-3
EPA Methods TO3, TO14A, TO15, RSK-175

Republic Services
ATTN: Mike Lambrich
13570 St. Charles Rock Rd.
Bridgeton, MO 63044

LABORATORY TEST RESULTS

Project Reference: Bridgeton Landfill
Lab Number: K051503-01/50

Enclosed are results for sample(s) received 5/15/19 by Air Technology Laboratories. Samples were received intact. Analyses were performed according to specifications on the chain of custody provided with the sample(s).

Report Narrative:

- Unless otherwise noted in the report, sample analyses were performed within method performance criteria and meet all requirements of the TNI Standards.
- The enclosed results relate only to the sample(s).

Preliminary results were e-mailed to Mike Lambrich and Erin Fanning; Michele Clark, Dustin Thoenen and Don Murphy, Weaver Consultants Group; and Jan Feezor, Feezor Engineering on 5/22/19.

ATL appreciates the opportunity to provide testing services to your company. If you have any questions regarding these results, please call me at (626) 964-4032.

Sincerely,

Mark Johnson
Operations Manager
MJohnson@AirTechLabs.com

Enclosures

Note: The cover letter is an integral part of this analytical report.

Air TECHNOLOGY Laboratories, Inc.
18501 E. Gale Ave., Suite 130
City of Industry, CA 91748
Ph: 626-964-4032
Fx: 626-964-5832

CHAIN OF CUSTODY RECORD

TURNAROUND TIME

Standard	☐	48 hours	☐
Same Day	☐	72 hours	☐
24 hours	☐	96 hours	☐
Other:	5 Day		

DELIVERABLES

EDD	■
EDF	☐
Level 3	☐
Level 4	☐

Condition upon receipt:
Sealed Yes ☐ No ☐
Intact Yes ☐ No ☐
Chilled _____ deg C

Project No.:	
Project Name:	Bridgeton Landfill
Report To:	Mike Lambrich
Company:	Republic Services
Street:	13570 St. Charles Rock Rd.
City/State/Zip:	Bridgeton , MO 63044
Phone& Fax:	314-683-3921
e-mail:	Mlambrich@republicservices.com

BILLING

P.O. No.:	PO7112802
Bill to:	Republic Services
	Attn: Mike Lambrich
	13570 St. Charles Rock Rd.
	Bridgeton, MO 63044

ANALYSIS REQUEST

LAB USE ONLY	Cannister ID	Cannister Pressure ("hg) Sample Start	Sample End	SAMPLE IDENTIFICATION	SAMPLE DATE	SAMPLE TIME	CONTAINER QTY/TYPE	MATRIX	PRESERVA-TION	D1946 + CO, H2					INITIAL PMETS
K051503-01	A8066	-19.5	-5	GEW 50	5/9/2019	9:44	C	LFG	NA	X					6
-02	6131	-19.9	-5	GEW 52	5/9/2019	9:57	C	LFG	NA	X					6
-03	A7775	-19.8	-5	GEW 7	5/9/2019	10:21	C	LFG	NA	X					6
-04	A7772	-20.1	-5	GEW 8	5/9/2019	10:31	C	LFG	NA	X					5.5
-05	5905	-20	-5	GEW 9	5/9/2019	13:57	C	LFG	NA	X					5
-06	A8070	-20.2	-5	GEW 51	5/9/2019	14:10	C	LFG	NA	X					5
-07	A7773	-19.8	-5	GEW 53	5/9/2019	14:21	C	LFG	NA	X					5
-08	3131	-20	-5	GEW 54	5/9/2019	14:34	C	LFG	NA	X					5
-09	A7747	-20.6	-5	GEW 55	5/10/2019	8:55	C	LFG	NA	X					5
-10	3826	-20.3	-5	GEW 40	5/10/2019	9:04	C	LFG	NA	X					5

AUTHORIZATION TO PERFORM WORK: Dave Penoyer COMPANY: Republic Services

SAMPLED BY: Anthony Kimutis COMPANY: Republic Services DATE/TIME 5/9/19-5/10/19

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
[signature]	5/14/19		
FedEx		[signature]	5/15/19 10:35

METHOD OF TRANSPORT (circle one): Walk-In FedEx UPS Courier ATLI Other_____

COMMENTS

DISTRIBUTION: White & Yellow - Lab Copies / Pink - Customer Copy

Preservation: H=HCl N=None / Container: B=Bag C=Can V=VOA O=Other *Rev. 03 - 5/7/09*

AirTECHNOLOGY Laboratories, Inc.
18501 E. Gale Ave., Suite 130
City of Industry, CA 91748
Ph: 626-964-4032
Fx: 626-964-5832

CHAIN OF CUSTODY RECORD

PAGE: 2 OF 6

TURNAROUND TIME: Standard ☐ 48 hours ☐ Same Day ☐ 72 hours ☐ 24 hours ☐ 96 hours ☐ Other: 5 Day

DELIVERABLES: EDD ■ EDF ☐ Level 3 ☐ Level 4 ☐

Condition upon receipt: Sealed Yes ☐ No ☐ Intact Yes ☐ No ☐ Chilled _____ deg C

Project No.:
Project Name: Bridgeton Landfill
Report To: Mike Lambrich
Company: Republic Services
Street: 13570 St. Charles Rock Rd.
City/State/Zip: Bridgeton , MO 63044
Phone& Fax: 314-683-3921
e-mail: Mlambrich@republicservices.com

BILLING
P.O. No.: PO7112802
Bill to: Republic Services
Attn: Mike Lambrich
13570 St. Charles Rock Rd.
Bridgeton, MO 63044

ANALYSIS REQUEST

LAB USE ONLY	Cannister Pressure ("hg) Cannister ID	Sample Start	Sample End	SAMPLE IDENTIFICATION	SAMPLE DATE	SAMPLE TIME	CONTAINER QTY/TYPE	MATRIX	PRESERVATION	D1946 + CO, H2					Initial Press.
K051503-11	A7667	-20.4	-5	GEW 41R	5/10/2019	9:15	C	LFG	NA	X					5
-12	6146	-20.7	-5	GEW 42R	5/10/2019	9:24	C	LFG	NA	X					5
-13	A8085	-20.6	-5	GEW 43R	5/10/2019	9:55	C	LFG	NA	X					5
-14	5817	-20.6	-5	GEW 44	5/10/2019	10:05	C	LFG	NA	X					5
-15	5936	-20.3	-5	GEW 49	5/13/2019	8:58	C	LFG	NA	X					5
-16	A7766	-20.3	-5	GEW 45R	5/13/2019	9:10	C	LFG	NA	X					5
-17	A8087	-20	-5	GEW 46R	5/13/2019	9:20	C	LFG	NA	X					6
-18	A7654	-20.3	-5	GEW 2S	5/13/2019	9:33	C	LFG	NA	X					6
-19	5315	-20.3	-5	GEW 2	5/13/2019	9:43	C	LFG	NA	X					5
-20	A7748	-20.2	-5	GEW 3	5/13/2019	9:56	C	LFG	NA	X					6

AUTHORIZATION TO PERFORM WORK: Dave Penoyer COMPANY: Republic Services

SAMPLED BY: Anthony Kimutis COMPANY: Republic Services DATE/TIME 5/10/19 - 5/13/19

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
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COMMENTS

METHOD OF TRANSPORT (circle one): Walk-In FedEx UPS Courier ATLI Other_____

DISTRIBUTION: White & Yellow - Lab Copies / Pink - Customer Copy

Preservation: H=HCl N=None / Container: B=Bag C=Can V=VOA O=Other *Rev. 03 - 5/7/09*

AirTECHNOLOGY Laboratories, Inc.

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City of Industry, CA 91748
Ph: 626-964-4032
Fx: 626-964-5832

CHAIN OF CUSTODY RECORD

TURNAROUND TIME: Standard ☐ 48 hours ☐ Same Day ☐ 72 hours ☐ 24 hours ☐ 96 hours ☐ Other: 5 Day

DELIVERABLES: EDD ■ EDF ☐ Level 3 ☐ Level 4 ☐

PAGE: 3 OF 6

Condition upon receipt: Sealed Yes ☐ No ☐ Intact Yes ☐ No ☐ Chilled _____ deg C

Project No.:	
Project Name:	Bridgeton Landfill
Report To:	Mike Lambrich
Company:	Republic Services
Street:	13570 St. Charles Rock Rd.
City/State/Zip:	Bridgeton , MO 63044
Phone& Fax:	314-683-3921
e-mail:	Mlambrich@republicservices.com

BILLING

P.O. No.:	PO7112802
Bill to:	Republic Services
	Attn: Mike Lambrich
	13570 St. Charles Rock Rd.
	Bridgeton, MO 63044

ANALYSIS REQUEST

LAB USE ONLY	Cannister Pressure ("hg) Cannister ID	Sample Start	Sample End	SAMPLE IDENTIFICATION	SAMPLE DATE	SAMPLE TIME	CONTAINER QTY/TYPE	MATRIX	PRESERVA-TION	D1946 + CO, H2					Initial Press.
K051503 -21	6154	-18.9	-5	GEW 4	5/13/2019	10:05	C	LFG	NA	X					5
-22	5904	-19.9	-5	GEW 47R	5/13/2019	10:16	C	LFG	NA	X					6
-23	5928	-20.1	-5	GEW 5	5/13/2019	10:27	C	LFG	NA	X					5.5
-24	5304	-19.9	-5	GEW 48	5/13/2019	10:37	C	LFG	NA	X					6
-25	3159	-20.2	-5	GEW 6	5/13/2019	10:54	C	LFG	NA	X					6

AUTHORIZATION TO PERFORM WORK: Dave Penoyer COMPANY: Republic Services

SAMPLED BY: Anthony Kimutis COMPANY: Republic Services DATE/TIME 5/13/19

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
[signature]	5/14/19		
FedEx		[signature]	5/15/19 10:35

METHOD OF TRANSPORT (circle one): Walk-In FedEx UPS Courier ATLI Other_____

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DELIVERABLES: EDD ■ EDF ☐ Level 3 ☐ Level 4 ☐

PAGE: 4 OF 6

Condition upon receipt: Sealed Yes ☐ No ☐ Intact Yes ☐ No ☐ Chilled _____ deg C

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e-mail:	Mlambrich@republicservices.com

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ANALYSIS REQUEST

LAB USE ONLY	Cannister Pressure ("hg) Cannister ID	Sample Start	Sample End	SAMPLE IDENTIFICATION	SAMPLE DATE	SAMPLE TIME	CONTAINER QTY/TYPE	MATRIX	PRESERVA-TION	D1946 + CO, H2					Initial Press
K051503 -26	A7805	-19.6	-5	GIW 1	5/7/2019	13:35	C	LFG	NA	X					6.5
-27	R2496	-20.4	-5	GIW 2	5/7/2019	13:49	C	LFG	NA	X					6.5
-28	R2202	-20.2	-5	GIW 3	5/7/2019	14:03	C	LFG	NA	X					7
-29	R2209	-20.5	-5	GIW 4	5/7/2019	14:15	C	LFG	NA	X					6
-30	R2204	-20.5	-5	GIW 5	5/7/2019	14:28	C	LFG	NA	X					6.5
-31	A7809	-20	-5	GIW 6	5/7/2019	14:56	C	LFG	NA	X					6.5
-32	5274	-19.9	-5	GIW 7	5/7/2019	15:07	C	LFG	NA	X					6
-33	A7804	-19.6	-5	GIW 8	5/7/2019	15:19	C	LFG	NA	X					6.5
-34	A8065	-19.7	-5	GIW 9	5/7/2019	15:30	C	LFG	NA	X					6
-35	A7797	-19.7	-5	GIW 10	5/8/2019	9:07	C	LFG	NA	X					6

AUTHORIZATION TO PERFORM WORK: Dave Penoyer COMPANY: Republic Services

SAMPLED BY: Andy Guthrie COMPANY: Hunt Vac Services DATE/TIME 5/7/19-5/8/19

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
[signature]	5/14/19		
Fed Ex		[signature]	5/15/19 10:35

COMMENTS

METHOD OF TRANSPORT (circle one): Walk-In FedEx UPS Courier ATLI Other_____

DISTRIBUTION: White & Yellow - Lab Copies / Pink - Customer Copy

Preservation: H=HCl N=None / Container: B=Bag C=Can V=VOA O=Other *Rev. 03 - 5/7/09*

AirTECHNOLOGY Laboratories, Inc.

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CHAIN OF CUSTODY RECORD

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DELIVERABLES: EDD ■ EDF ☐ Level 3 ☐ Level 4 ☐

PAGE: 5 OF 6

Condition upon receipt: Sealed Yes ☐ No ☐ Intact Yes ☐ No ☐ Chilled _____ deg C

Project No.:	
Project Name:	Bridgeton Landfill
Report To:	Mike Lambrich
Company:	Republic Services
Street:	13570 St. Charles Rock Rd.
City/State/Zip:	Bridgeton , MO 63044
Phone& Fax:	314-683-3921
e-mail:	Mlambrich@republicservices.com

BILLING

P.O. No.:	PO7112802
Bill to:	Republic Services
	Attn: Mike Lambrich
	13570 St. Charles Rock Rd.
	Bridgeton, MO 63044

ANALYSIS REQUEST

LAB USE ONLY	Cannister Pressure ("hg) Cannister ID	Sample Start	Sample End	SAMPLE IDENTIFICATION	SAMPLE DATE	SAMPLE TIME	CONTAINER QTY/TYPE	MATRIX	PRESERVA-TION	D1946 + CO, H2					Initial Press.
K051503 -36	5316	-19.7	-5	GIW 11	5/8/2019	9:19	C	LFG	NA	X					6
-37	3155	-19.6	-5	GIW 12	5/8/2019	9:30	C	LFG	NA	X					6
-38	3833	-19.7	-5	GIW 13	5/8/2019	9:40	C	LFG	NA	X					6
-39	5305	-19.7	-5	GEW 10	5/8/2019	9:50	C	LFG	NA	X					6
-40	6152	-19.7	-5	GEW 56R	5/8/2019	10:00	C	LFG	NA	X					6
-41	5323	-19.5	-5	GEW 110	5/8/2019	10:11	C	LFG	NA	X					6
-42	A7812	-19.4	-5	GEW 162	5/8/2019	10:36	C	LFG	NA	X					6
-43	5815	-19.6	-5	GEW 161	5/8/2019	10:49	C	LFG	NA	X					6.5
-44	A7662	-19.8	-5	GEW 159	5/8/2019	11:32	C	LFG	NA	X					6.5
-45	A7645	-19.6	-5	GEW 108	5/8/2019	11:44	C	LFG	NA	X					6

AUTHORIZATION TO PERFORM WORK: Dave Penoyer	COMPANY: Republic Services		
SAMPLED BY: Andy Guthrie	COMPANY: Hunt Vac Services	DATE/TIME 5/8/19	
RELINQUISHED BY [signature]	DATE/TIME 5/14/19	RECEIVED BY	DATE/TIME
RELINQUISHED BY FedEx	DATE/TIME	RECEIVED BY [signature]	DATE/TIME 5/15/19 10:35
RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME

COMMENTS

METHOD OF TRANSPORT (circle one): Walk-In FedEx UPS Courier ATLI Other_____

DISTRIBUTION: White & Yellow - Lab Copies / Pink - Customer Copy

Preservation: H=HCl N=None / Container: B=Bag C=Can V=VOA O=Other *Rev. 03 - 5/7/09*

AirTECHNOLOGY Laboratories, Inc.

18501 E. Gale Ave., Suite 130
City of Industry, CA 91748
Ph: 626-964-4032
Fx: 626-964-5832

CHAIN OF CUSTODY RECORD

TURNAROUND TIME: Standard ☐ 48 hours ☐ Same Day ☐ 72 hours ☐ 24 hours ☐ 96 hours ☐ Other: 5 Day

DELIVERABLES: EDD ■ EDF ☐ Level 3 ☐ Level 4 ☐

PAGE: 6 OF 6

Condition upon receipt: Sealed Yes ☐ No ☐ Intact Yes ☐ No ☐ Chilled _____ deg C

Project No.:	
Project Name:	Bridgeton Landfill
Report To:	Mike Lambrich
Company:	Republic Services
Street:	13570 St. Charles Rock Rd.
City/State/Zip:	Bridgeton , MO 63044
Phone& Fax:	314-683-3921
e-mail:	Mlambrich@republicservices.com

BILLING

P.O. No.:	PO7112802
Bill to:	Republic Services
	Attn: Mike Lambrich
	13570 St. Charles Rock Rd.
	Bridgeton, MO 63044

ANALYSIS REQUEST

LAB USE ONLY	Cannister Pressure ("hg) Cannister ID	Sample Start	Sample End	SAMPLE IDENTIFICATION	SAMPLE DATE	SAMPLE TIME	CONTAINER QTY/TYPE	MATRIX	PRESERVA-TION	D1946 + CO, H2					Initial Press.
K051503-46	A7778	-19.8	-5	GEW 187	5/8/2019	13:45	C	LFG	NA	X					6.5
-47	5901	-19.4	-5	GEW 109	5/8/2019	13:58	C	LFG	NA	X					6.5
-48	A7764	-19.5	-5	GEW 39	5/8/2019	14:10	C	LFG	NA	X					6.5
-49	5903	-19.3	-5	GEW 91	5/8/2019	14:28	C	LFG	NA	X					7
-50	A8068	-19.5	-5	GEW 160	5/8/2019	14:41	C	LFG	NA	X					6.5

AUTHORIZATION TO PERFORM WORK: Dave Penoyer COMPANY: Republic Services

SAMPLED BY: Andy Guthrie COMPANY: Hunt Vac Services DATE/TIME 5/8/19

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
[signature]	5/14/19		
FedEx		[signature]	5/15/19 10:35

METHOD OF TRANSPORT (circle one): Walk-In FedEx UPS Courier ATLI Other_____

COMMENTS

DISTRIBUTION: White & Yellow - Lab Copies / Pink - Customer Copy

Preservation: H=HCl N=None / Container: B=Bag C=Can V=VOA O=Other *Rev. 03 - 5/7/09*

Client: Republic Services
Attn: Mike Lambrich
Project Name: Bridgeton Landfill
Project No.: NA
Date Received: 05/15/19
Matrix: Air
Reporting Units: % v/v

ASTM D1946

Lab No.:	K051503-01		K051503-02		K051503-03		K051503-04	
Client Sample I.D.:	GEW 50		GEW 52		GEW 7		GEW 8	
Date/Time Sampled:	5/9/19 9:44		5/9/19 9:57		5/9/19 10:21		5/9/19 10:31	
Date/Time Analyzed:	5/17/19 13:34		5/17/19 13:48		5/17/19 14:03		5/17/19 14:17	
QC Batch No.:	190517GC8A1		190517GC8A1		190517GC8A1		190517GC8A1	
Analyst Initials:	CM/AS		CM/AS		CM/AS		CM/AS	
Dilution Factor:	3.4		3.4		3.4		3.3	
ANALYTE	Result % v/v	RL % v/v	Result % v/v	RL % v/v	Result % v/v	RL % v/v	Result % v/v	RL % v/v
Hydrogen	ND d	0.034	ND d	0.034	ND d	0.034	1.1 d	0.033
Carbon Dioxide	35	0.034	35	0.034	40	0.034	43	0.033
Oxygen/Argon	1.9	1.7	ND	1.7	ND	1.7	ND	1.6
Nitrogen	13	3.4	17	3.4	ND	3.4	ND	3.3
Methane	50	0.0034	47	0.0034	56	0.0034	53	0.0033
Carbon Monoxide	ND	0.0034	ND	0.0034	ND	0.0034	ND	0.0033

Results normalized including non-methane hydrocarbons

ND = Not Detected (below RL)
RL = Reporting Limit
d = Analyzed by secondary analysis, batch number 190521GC8A1

Reviewed/Approved By: _____ Date 5-22-19
Mark Johnson
Operations Manager

The cover letter is an integral part of this analytical report

AirTECHNOLOGY Laboratories, Inc.
18501 E. Gale Avenue, Suite 130 ♦ City of Industry, CA 91748 ♦ Ph: (626) 964-4032 ♦ Fx: (626) 964-5832

Client: Republic Services
Attn: Mike Lambrich
Project Name: Bridgeton Landfill
Project No.: NA
Date Received: 05/15/19
Matrix: Air
Reporting Units: % v/v

ASTM D1946

Lab No.:	K051503-05		K051503-06		K051503-07		K051503-08	
Client Sample I.D.:	GEW 9		GEW 51		GEW 53		GEW 54	
Date/Time Sampled:	5/9/19 13:57		5/9/19 14:10		5/9/19 14:21		5/9/19 14:34	
Date/Time Analyzed:	5/17/19 14:33		5/17/19 14:47		5/17/19 15:02		5/17/19 15:16	
QC Batch No.:	190517GC8A1		190517GC8A1		190517GC8A1		190517GC8A1	
Analyst Initials:	CM/AS		CM/AS		CM/AS		CM/AS	
Dilution Factor:	3.2		3.2		3.2		3.2	
ANALYTE	Result % v/v	RL % v/v	Result % v/v	RL % v/v	Result % v/v	RL % v/v	Result % v/v	RL % v/v
Hydrogen	0.52 d	0.032	0.80 d	0.032	2.9 d	0.032	2.0 d	0.032
Carbon Dioxide	40	0.032	37	0.032	42	0.032	42	0.032
Oxygen/Argon	ND	1.6	2.3	1.6	ND	1.6	ND	1.6
Nitrogen	8.1	3.2	9.1	3.2	3.4	3.2	ND	3.2
Methane	51	0.0032	50	0.0032	51	0.0032	52	0.0032
Carbon Monoxide	ND	0.0032	ND	0.0032	0.0052	0.0032	ND	0.0032

Results normalized including non-methane hydrocarbons

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Client: Republic Services
Attn: Mike Lambrich
Project Name: Bridgeton Landfill
Project No.: NA
Date Received: 05/15/19
Matrix: Air
Reporting Units: % v/v

ASTM D1946

Lab No.:	K051503-09		K051503-10		K051503-11		K051503-12	
Client Sample I.D.:	GEW 55		GEW 40		GEW 41R		GEW 42R	
Date/Time Sampled:	5/10/19 8:55		5/10/19 9:04		5/10/19 9:15		5/10/19 9:24	
Date/Time Analyzed:	5/17/19 15:31		5/17/19 15:45		5/17/19 17:58		5/17/19 18:13	
QC Batch No.:	190517GC8A1		190517GC8A1		190517GC8A2		190517GC8A2	
Analyst Initials:	CM/AS		CM/AS		CM/AS		CM/AS	
Dilution Factor:	3.2		3.2		3.2		3.2	
ANALYTE	Result % v/v	RL % v/v	Result % v/v	RL % v/v	Result % v/v	RL % v/v	Result % v/v	RL % v/v
Hydrogen	1.6 d	0.032	ND d	0.032	ND d	0.032	ND d	0.032
Carbon Dioxide	41	0.032	34	0.032	36	0.032	39	0.032
Oxygen/Argon	ND	1.6	ND	1.6	ND	1.6	ND	1.6
Nitrogen	4.0	3.2	13	3.2	8.5	3.2	3.2	3.2
Methane	52	0.0032	52	0.0032	55	0.0032	57	0.0032
Carbon Monoxide	ND	0.0032	ND	0.0032	ND	0.0032	ND	0.0032

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Client: Republic Services
Attn: Mike Lambrich
Project Name: Bridgeton Landfill
Project No.: NA
Date Received: 05/15/19
Matrix: Air
Reporting Units: % v/v

ASTM D1946

Lab No.:	K051503-13		K051503-14		K051503-15		K051503-16	
Client Sample I.D.:	GEW 43R		GEW 44		GEW 49		GEW 45R	
Date/Time Sampled:	5/10/19 9:55		5/10/19 10:05		5/13/19 8:58		5/13/19 9:10	
Date/Time Analyzed:	5/17/19 18:27		5/17/19 18:42		5/17/19 18:57		5/17/19 19:12	
QC Batch No.:	190517GC8A2		190517GC8A2		190517GC8A2		190517GC8A2	
Analyst Initials:	CM/AS		CM/AS		CM/AS		CM/AS	
Dilution Factor:	3.2		3.2		3.2		3.2	
ANALYTE	Result % v/v	RL % v/v	Result % v/v	RL % v/v	Result % v/v	RL % v/v	Result % v/v	RL % v/v
Hydrogen	0.15 d	0.032	ND d	0.032	ND d	0.032	ND d	0.032
Carbon Dioxide	41	0.032	34	0.032	38	0.032	40	0.032
Oxygen/Argon	ND	1.6	ND	1.6	ND	1.6	ND	1.6
Nitrogen	ND	3.2	15	3.2	8.2	3.2	ND	3.2
Methane	56	0.0032	49	0.0032	53	0.0032	57	0.0032
Carbon Monoxide	ND	0.0032	ND	0.0032	ND	0.0032	ND	0.0032

Results normalized including non-methane hydrocarbons

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Client: Republic Services
Attn: Mike Lambrich
Project Name: Bridgeton Landfill
Project No.: NA
Date Received: 05/15/19
Matrix: Air
Reporting Units: % v/v

ASTM D1946

Lab No.:	K051503-17		K051503-18		K051503-19		K051503-20	
Client Sample I.D.:	GEW 46R		GEW 2S		GEW 2		GEW 3	
Date/Time Sampled:	5/13/19 9:20		5/13/19 9:33		5/13/19 9:43		5/13/19 9:56	
Date/Time Analyzed:	5/17/19 19:26		5/17/19 19:41		5/17/19 19:55		5/17/19 20:10	
QC Batch No.:	190517GC8A2		190517GC8A2		190517GC8A2		190517GC8A2	
Analyst Initials:	CM/AS		CM/AS		CM/AS		CM/AS	
Dilution Factor:	3.4		3.4		3.2		3.4	
ANALYTE	Result % v/v	RL % v/v	Result % v/v	RL % v/v	Result % v/v	RL % v/v	Result % v/v	RL % v/v
Hydrogen	0.056 d	0.034	ND d	0.034	ND d	0.032	ND d	0.034
Carbon Dioxide	36	0.034	35	0.034	37	0.032	39	0.034
Oxygen/Argon	ND	1.7	ND	1.7	2.0	1.6	ND	1.7
Nitrogen	14	3.4	6.2	3.4	12	3.2	9.0	3.4
Methane	49	0.0034	58	0.0034	48	0.0032	51	0.0034
Carbon Monoxide	ND	0.0034	ND	0.0034	ND	0.0032	ND	0.0034

Results normalized including non-methane hydrocarbons

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Client: Republic Services
Attn: Mike Lambrich
Project Name: Bridgeton Landfill
Project No.: NA
Date Received: 05/15/19
Matrix: Air
Reporting Units: % v/v

ASTM D1946

Lab No.:	K051503-21		K051503-22		K051503-23		K051503-24	
Client Sample I.D.:	GEW 4		GEW 47R		GEW 5		GEW 48	
Date/Time Sampled:	5/13/19 10:05		5/13/19 10:16		5/13/19 10:27		5/13/19 10:37	
Date/Time Analyzed:	5/17/19 20:25		5/17/19 20:39		5/17/19 20:54		5/17/19 21:08	
QC Batch No.:	190517GC8A2		190517GC8A2		190517GC8A2		190517GC8A2	
Analyst Initials:	CM/MJ		CM/MJ		CM/MJ		CM/MJ	
Dilution Factor:	3.2		3.4		3.3		3.4	
ANALYTE	Result % v/v	RL % v/v	Result % v/v	RL % v/v	Result % v/v	RL % v/v	Result % v/v	RL % v/v
Hydrogen	ND d	0.032	ND d	0.034	ND d	0.033	ND d	0.034
Carbon Dioxide	35	0.032	39	0.034	35	0.033	38	0.034
Oxygen/Argon	2.9	1.6	ND	1.7	ND	1.6	ND	1.7
Nitrogen	15	3.2	11	3.4	17	3.3	8.5	3.4
Methane	47	0.0032	50	0.0034	48	0.0033	53	0.0034
Carbon Monoxide	ND	0.0032	ND	0.0034	ND	0.0033	ND	0.0034

Results normalized including non-methane hydrocarbons

ND = Not Detected (below RL)
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Reviewed/Approved By: _____ Date 5-22-19
Mark Johnson
Operations Manager

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18501 E. Gale Avenue, Suite 130 ♦ City of Industry, CA 91748 ♦ Ph: (626) 964-4032 ♦ Fx: (626) 964-5832

Client: Republic Services
Attn: Mike Lambrich
Project Name: Bridgeton Landfill
Project No.: NA
Date Received: 05/15/19
Matrix: Air
Reporting Units: % v/v

ASTM D1946

Lab No.:	K051503-25		K051503-26		K051503-27		K051503-28	
Client Sample I.D.:	GEW 6		GIW 1		GIW 2		GIW 3	
Date/Time Sampled:	5/13/19 10:54		5/7/19 13:35		5/7/19 13:49		5/7/19 14:03	
Date/Time Analyzed:	5/17/19 21:23		5/17/19 21:37		5/17/19 21:52		5/17/19 22:06	
QC Batch No.:	190517GC8A2		190517GC8A2		190517GC8A2		190517GC8A2	
Analyst Initials:	CM/MJ		CM/MJ		CM/MJ		CM/MJ	
Dilution Factor:	3.4		3.5		3.5		3.6	
ANALYTE	Result % v/v	RL % v/v	Result % v/v	RL % v/v	Result % v/v	RL % v/v	Result % v/v	RL % v/v
Hydrogen	ND d	0.034	19	3.5	6.8 d	0.035	11	3.6
Carbon Dioxide	37	0.034	56	0.035	19	0.035	25	0.036
Oxygen/Argon	ND	1.7	ND	1.7	13	1.7	12	1.8
Nitrogen	9.4	3.4	10	3.5	60	3.5	48	3.6
Methane	53	0.0034	13	0.0035	0.88	0.0035	2.7	0.0036
Carbon Monoxide	ND	0.0034	0.076	0.0035	0.039	0.0035	0.045	0.0036

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Mark Johnson
Operations Manager

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Client: Republic Services
Attn: Mike Lambrich
Project Name: Bridgeton Landfill
Project No.: NA
Date Received: 05/15/19
Matrix: Air
Reporting Units: % v/v

ASTM D1946

Lab No.:	K051503-29		K051503-30		K051503-31		K051503-32	
Client Sample I.D.:	GIW 4		GIW 5		GIW 6		GIW 7	
Date/Time Sampled:	5/7/19 14:15		5/7/19 14:28		5/7/19 14:56		5/7/19 15:07	
Date/Time Analyzed:	5/17/19 22:21		5/17/19 22:35		5/18/19 1:31		5/18/19 1:45	
QC Batch No.:	190517GC8A2		190517GC8A2		190518GC8A1		190518GC8A1	
Analyst Initials:	CM/MJ		CM/MJ		CM/MJ		CM/MJ	
Dilution Factor:	3.4		3.5		3.5		3.4	
ANALYTE	Result % v/v	RL % v/v	Result % v/v	RL % v/v	Result % v/v	RL % v/v	Result % v/v	RL % v/v
Hydrogen	25	3.4	19	3.5	3.6 d	0.035	0.42 d	0.034
Carbon Dioxide	51	0.034	23	0.035	41	0.035	46	0.034
Oxygen/Argon	ND	1.7	12	1.7	ND	1.7	ND	1.7
Nitrogen	10	3.4	44	3.5	21	3.5	4.2	3.4
Methane	12	0.0034	1.6	0.0035	33	0.0035	48	0.0034
Carbon Monoxide	0.085	0.0034	0.019	0.0035	0.0056	0.0035	0.0065	0.0034

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Client: Republic Services
Attn: Mike Lambrich
Project Name: Bridgeton Landfill
Project No.: NA
Date Received: 05/15/19
Matrix: Air
Reporting Units: % v/v

ASTM D1946

Lab No.:	K051503-33		K051503-34		K051503-35		K051503-36	
Client Sample I.D.:	GIW 8		GIW 9		GIW 10		GIW 11	
Date/Time Sampled:	5/7/19 15:19		5/7/19 15:30		5/8/19 9:07		5/8/19 9:19	
Date/Time Analyzed:	5/18/19 2:00		5/18/19 2:14		5/18/19 2:29		5/18/19 13:40	
QC Batch No.:	190518GC8A1		190518GC8A1		190518GC8A1		190518GC8A1	
Analyst Initials:	CM/MJ		CM/MJ		CM/MJ		CM/MJ	
Dilution Factor:	3.5		3.4		3.4		3.4	
ANALYTE	Result % v/v	RL % v/v	Result % v/v	RL % v/v	Result % v/v	RL % v/v	Result % v/v	RL % v/v
Hydrogen	0.040 d	0.035	11	3.4	13	3.4	4.7 d	0.034
Carbon Dioxide	47	0.035	37	0.034	34	0.034	35	0.034
Oxygen/Argon	ND	1.7	ND	1.7	ND	1.7	1.7	1.7
Nitrogen	5.8	3.5	37	3.4	37	3.4	40	3.4
Methane	46	0.0035	13	0.0034	15	0.0034	18	0.0034
Carbon Monoxide	ND	0.0035	0.015	0.0034	0.029	0.0034	0.030	0.0034

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Attn: Mike Lambrich
Project Name: Bridgeton Landfill
Project No.: NA
Date Received: 05/15/19
Matrix: Air
Reporting Units: % v/v

ASTM D1946

Lab No.:	K051503-37		K051503-38		K051503-39		K051503-40	
Client Sample I.D.:	GIW 12		GIW 13		GEW 10		GEW 56R	
Date/Time Sampled:	5/8/19 9:30		5/8/19 9:40		5/8/19 9:50		5/8/19 10:00	
Date/Time Analyzed:	5/18/19 13:55		5/18/19 14:09		5/18/19 14:24		5/18/19 14:38	
QC Batch No.:	190518GC8A1		190518GC8A1		190518GC8A1		190518GC8A1	
Analyst Initials:	CM/MJ		CM/MJ		CM/MJ		CM/MJ	
Dilution Factor:	3.4		3.4		3.4		3.4	
ANALYTE	Result % v/v	RL % v/v	Result % v/v	RL % v/v	Result % v/v	RL % v/v	Result % v/v	RL % v/v
Hydrogen	7.0	3.4	9.6	3.4	0.50 d	0.034	7.4	3.4
Carbon Dioxide	33	0.034	48	0.034	43	0.034	40	0.034
Oxygen/Argon	4.0	1.7	ND	1.7	ND	1.7	ND	1.7
Nitrogen	35	3.4	6.5	3.4	ND	3.4	11	3.4
Methane	21	0.0034	34	0.0034	53	0.0034	41	0.0034
Carbon Monoxide	0.024	0.0034	0.022	0.0034	ND	0.0034	0.011	0.0034

Results normalized including non-methane hydrocarbons

ND = Not Detected (below RL)
RL = Reporting Limit
d = Analyzed by secondary analysis, batch number 190521GC8A2

Reviewed/Approved By: _____ Date 5-22-19
Mark Johnson
Operations Manager

The cover letter is an integral part of this analytical report

AirTECHNOLOGY Laboratories, Inc.
18501 E. Gale Avenue, Suite 130 ♦ City of Industry, CA 91748 ♦ Ph: (626) 964-4032 ♦ Fx: (626) 964-5832

Client: Republic Services
Attn: Mike Lambrich
Project Name: Bridgeton Landfill
Project No.: NA
Date Received: 05/15/19
Matrix: Air
Reporting Units: % v/v

ASTM D1946

Lab No.:	K051503-41		K051503-42		K051503-43		K051503-44	
Client Sample I.D.:	GEW 110		GEW 162		GEW 161		GEW 159	
Date/Time Sampled:	5/8/19 10:11		5/8/19 10:36		5/8/19 10:49		5/8/19 11:32	
Date/Time Analyzed:	5/18/19 14:53		5/18/19 15:08		5/18/19 15:22		5/18/19 15:37	
QC Batch No.:	190518GC8A1		190518GC8A1		190518GC8A1		190518GC8A1	
Analyst Initials:	CM/MJ		CM/MJ		CM/MJ		CM/MJ	
Dilution Factor:	3.4		3.4		3.5		3.5	
ANALYTE	Result % v/v	RL % v/v	Result % v/v	RL % v/v	Result % v/v	RL % v/v	Result % v/v	RL % v/v
Hydrogen	18	3.4	14	3.4	34	3.5	3.9 d	0.035
Carbon Dioxide	48	0.034	57	0.034	55	0.035	41	0.035
Oxygen/Argon	ND	1.7	1.7	1.7	ND	1.7	ND	1.7
Nitrogen	6.7	3.4	18	3.4	5.2	3.5	14	3.5
Methane	26	0.0034	8.5	0.0034	2.0	0.0035	40	0.0035
Carbon Monoxide	0.038	0.0034	0.056	0.0034	0.13	0.0035	0.014	0.0035

Results normalized including non-methane hydrocarbons

ND = Not Detected (below RL)
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Reviewed/Approved By: _____ Date 5-22-19
Mark Johnson
Operations Manager

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18501 E. Gale Avenue, Suite 130 ♦ City of Industry, CA 91748 ♦ Ph: (626) 964-4032 ♦ Fx: (626) 964-5832

Client: Republic Services
Attn: Mike Lambrich
Project Name: Bridgeton Landfill
Project No.: NA
Date Received: 05/15/19
Matrix: Air
Reporting Units: % v/v

ASTM D1946

Lab No.:	K051503-45		K051503-46		K051503-47		K051503-48	
Client Sample I.D.:	GEW 108		GEW 187		GEW 109		GEW 39	
Date/Time Sampled:	5/8/19 11:44		5/8/19 13:45		5/8/19 13:58		5/8/19 14:10	
Date/Time Analyzed:	5/18/19 15:51		5/18/19 16:06		5/18/19 16:21		5/18/19 16:35	
QC Batch No.:	190518GC8A1		190518GC8A1		190518GC8A1		190518GC8A1	
Analyst Initials:	CM/MJ		CM/MJ		CM/MJ		CM/MJ	
Dilution Factor:	3.4		3.5		3.5		3.5	
ANALYTE	Result % v/v	RL % v/v	Result % v/v	RL % v/v	Result % v/v	RL % v/v	Result % v/v	RL % v/v
Hydrogen	7.1	3.4	11	3.5	1.5 d	0.035	ND d	0.035
Carbon Dioxide	46	0.034	54	0.035	45	0.035	41	0.035
Oxygen/Argon	ND	1.7	ND	1.7	ND	1.7	ND	1.7
Nitrogen	6.5	3.4	ND	3.5	9.1	3.5	18	3.5
Methane	39	0.0034	31	0.0035	43	0.0035	40	0.0035
Carbon Monoxide	0.013	0.0034	0.032	0.0035	0.0045	0.0035	ND	0.0035

Results normalized including non-methane hydrocarbons

ND = Not Detected (below RL)
RL = Reporting Limit
d = Analyzed by secondary analysis, batch number 190521GC8A2

Reviewed/Approved By: _____ Date 5-22-19
Mark Johnson
Operations Manager

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AirTECHNOLOGY Laboratories, Inc.
18501 E. Gale Avenue, Suite 130 ♦ City of Industry, CA 91748 ♦ Ph: (626) 964-4032 ♦ Fx: (626) 964-5832

Client: Republic Services
Attn: Mike Lambrich
Project Name: Bridgeton Landfill
Project No.: NA
Date Received: 05/15/19
Matrix: Air
Reporting Units: % v/v

ASTM D1946

Lab No.:	K051503-49		K051503-50					
Client Sample I.D.:	GEW 91		GEW 160					
Date/Time Sampled:	5/8/19 14:28		5/8/19 14:41					
Date/Time Analyzed:	5/18/19 16:50		5/18/19 17:04					
QC Batch No.:	190518GC8A1		190518GC8A1					
Analyst Initials:	CM/MJ		CM/MJ					
Dilution Factor:	3.6		3.5					
ANALYTE	Result % v/v	RL % v/v	Result % v/v	RL % v/v				
Hydrogen	39	3.6	29	3.5				
Carbon Dioxide	51	0.036	45	0.035				
Oxygen/Argon	ND	1.8	ND	1.7				
Nitrogen	3.7	3.6	15	3.5				
Methane	2.0	0.0036	7.8	0.0035				
Carbon Monoxide	0.062	0.0036	0.10	0.0035				

Results normalized including non-methane hydrocarbons

ND = Not Detected (below RL)
RL = Reporting Limit

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Operations Manager

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AirTECHNOLOGY Laboratories, Inc.
18501 E. Gale Avenue, Suite 130 ♦ City of Industry, CA 91748 ♦ Ph: (626) 964-4032 ♦ Fx: (626) 964-5832

QC Batch No: 190517GC8A1
Matrix: Air
Reporting Units: % v/v

ASTM D1946
LABORATORY CONTROL SAMPLE SUMMARY

Lab No.:	METHOD BLANK			LCS		LCSD					
Date Analyzed:	5/17/19 8:21			5/16/19 20:13		5/16/19 20:28					
Analyst Initials:	CM/AS			CM/AS		CM/AS					
Dilution Factor:	1.0			1.0		1.0			Limits		
ANALYTE	Result % v/v	RL % v/v	SPIKE AMT. % v/v	Result % v/v	% Rec.	Result % v/v	% Rec.	RPD %	Low %Rec	High %Rec	Max. RPD
Hydrogen	ND	1.0	5.0	5.30	106	5.29	106	0.1	70	130	30
Carbon Dioxide	ND	0.010	10	9.76	97	9.83	98	0.7	70	130	30
Oxygen/Argon	ND	0.50	15	15.2	103	15.3	104	0.9	70	130	30
Nitrogen	ND	1.0	70	70.1	100	70.8	101	0.9	70	130	30
Methane	ND	0.0010	0.10	0.102	102	0.102	102	0.2	70	130	30
Carbon Monoxide	ND	0.0010	0.10	0.100	100	0.100	100	0.1	70	130	30

ND = Not Detected (below RL)
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Reviewed/Approved By: _____ Date 5-22-19
Mark Johnson
Operations Manager

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QC Batch No: 190517GC8A2
Matrix: Air
Reporting Units: % v/v

ASTM D1946
LABORATORY CONTROL SAMPLE SUMMARY

Lab No.:	METHOD BLANK			LCS		LCSD					
Date Analyzed:	5/17/19 17:00			5/17/19 17:29		5/17/19 17:44					
Analyst Initials:	CM/AS			CM/AS		CM/AS					
Dilution Factor:	1.0			1.0		1.0			Limits		
ANALYTE	Result % v/v	RL % v/v	SPIKE AMT. % v/v	Result % v/v	% Rec.	Result % v/v	% Rec.	RPD %	Low %Rec	High %Rec	Max. RPD
Hydrogen	ND	1.0	5.0	5.52	110	5.56	111	0.9	70	130	30
Carbon Dioxide	ND	0.010	10	9.99	100	10.0	100	0.4	70	130	30
Oxygen/Argon	ND	0.50	15	15.4	104	15.4	104	0.3	70	130	30
Nitrogen	ND	1.0	70	70.8	101	71.1	102	0.4	70	130	30
Methane	ND	0.0010	0.10	0.104	104	0.103	103	0.3	70	130	30
Carbon Monoxide	ND	0.0010	0.10	0.103	103	0.103	103	0.3	70	130	30

ND = Not Detected (below RL)
RL = Reporting Limit

Reviewed/Approved By: _____ Date 5-22-19
Mark Johnson
Operations Manager

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QC Batch No: 190518GC8A1
Matrix: Air
Reporting Units: % v/v

ASTM D1946
LABORATORY CONTROL SAMPLE SUMMARY

Lab No.:	METHOD BLANK			LCS		LCSD					
Date Analyzed:	5/18/19 0:18			5/18/19 0:47		5/18/19 1:16					
Analyst Initials:	CM/AS			CM/AS		CM/AS					
Dilution Factor:	1.0			1.0		1.0			Limits		
ANALYTE	Result % v/v	RL % v/v	SPIKE AMT. % v/v	Result % v/v	% Rec.	Result % v/v	% Rec.	RPD %	Low %Rec	High %Rec	Max. RPD
Hydrogen	ND	1.0	5.0	5.47	109	5.44	109	0.6	70	130	30
Carbon Dioxide	ND	0.010	10	9.96	99	9.85	98	1.1	70	130	30
Oxygen/Argon	ND	0.50	15	15.3	103	15.2	103	0.9	70	130	30
Nitrogen	ND	1.0	70	70.7	101	70.1	100	0.9	70	130	30
Methane	ND	0.0010	0.10	0.104	104	0.104	104	0.3	70	130	30
Carbon Monoxide	ND	0.0010	0.10	0.103	103	0.103	103	0.2	70	130	30

ND = Not Detected (below RL)
RL = Reporting Limit

Reviewed/Approved By: _____ Date 5-22-19
Mark Johnson
Operations Manager

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QC Batch No: 190521GC8A1
Matrix: Air
Reporting Units: % v/v

ASTM D1946 Low Level Hydrogen
LABORATORY CONTROL SAMPLE SUMMARY

Lab No.:	METHOD BLANK			LCS		LCSD					
Date Analyzed:	5/21/19 9:40			5/21/19 8:45		5/21/19 8:50					
Analyst Initials:	CM/AS			CM/AS		CM/AS					
Dilution Factor:	1.0			1.0		1.0			Limits		
ANALYTE	Result % v/v	RL % v/v	SPIKE AMT. % v/v	Result % v/v	% Rec.	Result % v/v	% Rec.	RPD %	Low %Rec	High %Rec	Max. RPD
Hydrogen	ND	0.010	1.0	0.991	99	0.991	99	0.0	70	130	30

ND = Not Detected (below RL)
RL = Reporting Limit

Reviewed/Approved By: _____ Date 5-22-19
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Operations Manager

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QC Batch No: 190521GC8A2
Matrix: Air
Reporting Units: % v/v

ASTM D1946 Low Level Hydrogen
LABORATORY CONTROL SAMPLE SUMMARY

Lab No.:	METHOD BLANK			LCS		LCSD					
Date Analyzed:	5/21/19 12:26			5/21/19 12:08		5/21/19 12:21					
Analyst Initials:	CM/AS			CM/AS		CM/AS					
Dilution Factor:	1.0			1.0		1.0			Limits		
ANALYTE	Result % v/v	RL % v/v	SPIKE AMT. % v/v	Result % v/v	% Rec.	Result % v/v	% Rec.	RPD %	Low %Rec	High %Rec	Max. RPD
Hydrogen	ND	0.010	1.0	1.03	103	1.04	104	1.5	70	130	30

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Operations Manager

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ATTACHMENT D

GAS WELLFIELD DATA

ATTACHMENT D-1

WELLFIELD DATA TABLE

May 2019 Wellfield Monitoring Data - Bridgeton Landfill												
Well Name	Date Sampled	Methane	CO_2	O_2	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H_2O		
GEW-002	5/2/2019 11:33:20 AM	51.2	39.8	0.0	9.0	110.3	110.4	26.94	26.94	-1.10	-1.10	-14.04
GEW-002	5/2/2019 11:34:26 AM	50.9	40.1	0.0	9.0	110.5	110.5	33.27	27.34	-1.04	-1.04	-13.62
GEW-002	5/10/2019 2:00:27 PM	52.7	39.4	0.0	7.9	111.0	111.0	21.26	20.92	-1.15	-1.13	-13.11
GEW-002	5/13/2019 9:40:09 AM	54.1	39.4	0.0	6.5	110.2	110.2	27.22	23.07	-0.97	-0.95	-13.53
GEW-002	5/13/2019 9:45:58 AM	53.4	39.6	0.0	7.0	111.0	111.1	24.85	27.07	-1.07	-1.01	-12.64
GEW-002	5/22/2019 11:39:38 AM	53.6	40.2	0.0	6.2	110.0	110.0	28.73	27.05	-1.07	-1.06	-13.11
GEW-002	5/31/2019 9:43:11 AM	55.2	40.7	0.0	4.1	113.7	113.7	20.89	20.54	-0.91	-0.91	-13.11
GEW-003	5/2/2019 1:37:05 PM	51.6	38.7	0.0	9.7	105.2	105.2	11.44	12.93	-0.50	-0.49	-12.47
GEW-003	5/2/2019 1:38:16 PM	51.6	38.9	0.0	9.5	105.0	105.0	16.41	12.36	-0.54	-0.52	-12.64
GEW-003	5/10/2019 2:03:45 PM	52.2	39.0	0.0	8.8	109.7	109.7	8.06	5.37	-0.34	-0.33	-12.30
GEW-003	5/13/2019 9:52:55 AM	52.6	39.3	0.0	8.1	106.0	106.0	9.33	10.08	-0.59	-0.59	-12.94
GEW-003	5/13/2019 9:58:42 AM	52.7	39.2	0.0	8.1	106.5	106.5	7.62	4.67	-0.57	-0.58	-11.92
GEW-003	5/22/2019 11:42:38 AM	52.9	39.3	0.0	7.8	111.6	111.7	4.87	4.87	-0.55	-0.55	-12.90
GEW-003	5/31/2019 9:46:31 AM	53.8	39.8	0.0	6.4	108.0	108.0	13.97	8.92	-0.65	-0.64	-12.85
GEW-004	5/2/2019 1:41:15 PM	52.4	39.1	0.0	8.5	102.1	102.1	25.52	25.66	-0.48	-0.48	-12.43
GEW-004	5/2/2019 1:42:32 PM	52.4	39.6	0.0	8.0	101.6	101.6	14.57	10.48	-0.45	-0.41	-12.30
GEW-004	5/10/2019 2:06:29 PM	53.1	39.3	0.0	7.6	104.2	104.3	9.36	10.46	-0.25	-0.25	-12.77
GEW-004	5/13/2019 10:01:39 AM	54.1	39.6	0.0	6.3	102.6	102.5	8.55	4.68	-0.51	-0.50	-12.26
GEW-004	5/13/2019 10:07:09 AM	53.9	39.3	0.0	6.8	102.3	102.3	33.99	32.22	-0.47	-0.46	-11.92
GEW-004	5/22/2019 11:45:29 AM	54.6	39.7	0.0	5.7	106.5	106.6	8.83	8.41	-0.46	-0.45	-12.22
GEW-004	5/31/2019 9:50:26 AM	56.3	40.4	0.0	3.3	109.5	109.5	7.11	7.11	-0.55	-0.55	-12.98
GEW-005	5/2/2019 1:57:07 PM	47.0	35.7	0.0	17.3	79.1	79.1	15.87	14.09	-0.31	-0.30	-13.23
GEW-005	5/2/2019 1:58:52 PM	47.1	35.6	0.0	17.3	79.1	78.9	6.18	6.18	-0.28	-0.28	-12.68
GEW-005	5/10/2019 2:13:24 PM	49.1	35.6	0.0	15.3	78.8	78.8	10.35	7.32	-0.08	-0.09	-12.77
GEW-005	5/13/2019 10:24:06 AM	49.0	36.1	0.0	14.9	80.2	80.3	6.76	6.17	-0.24	-0.24	-12.85
GEW-005	5/13/2019 10:30:00 AM	49.3	35.3	0.0	15.4	79.4	79.4	9.96	8.29	-0.22	-0.22	-12.26
GEW-005	5/22/2019 1:25:29 PM	52.6	36.5	0.0	10.9	85.1	85.1	8.69	8.25	-0.17	-0.17	-13.15
GEW-005	5/31/2019 9:58:39 AM	55.0	36.7	0.0	8.3	86.7	86.7	22.29	23.11	-0.34	-0.34	-13.02
GEW-006	5/2/2019 2:05:13 PM	55.0	37.5	0.0	7.5	79.8	79.8	20.28	22.07	-0.59	-0.59	-12.98
GEW-006	5/10/2019 2:19:44 PM	54.8	37.3	0.0	7.9	81.9	81.7	15.34	18.48	-0.51	-0.50	-12.85
GEW-006	5/13/2019 10:51:11 AM	55.0	37.2	0.0	7.8	82.3	82.4	12.61	21.32	-0.65	-0.65	-12.18
GEW-006	5/13/2019 10:56:34 AM	55.1	36.9	0.0	8.0	81.7	81.7	22.54	22.88	-0.62	-0.63	-12.77
GEW-006	5/22/2019 1:31:12 PM	54.9	37.8	0.0	7.3	85.4	85.4	28.92	27.18	-0.54	-0.55	-13.53
GEW-006	5/31/2019 10:04:02 AM	56.8	37.8	0.0	5.4	85.6	85.6	19.59	15.52	-0.81	-0.80	-12.85
GEW-007	5/2/2019 9:47:36 AM	57.4	40.4	0.0	2.2	85.4	85.4	11.26	11.26	-2.84	-2.84	-12.98
GEW-007	5/9/2019 10:17:56 AM	58.6	40.0	0.0	1.4	85.5	85.6	8.63	6.10	-3.14	-3.15	-13.15
GEW-007	5/9/2019 10:24:15 AM	58.6	41.0	0.0	0.4	85.6	85.6	12.79	10.56	-3.18	-3.18	-13.32
GEW-007	5/14/2019 2:16:48 PM	57.4	40.4	0.0	2.2	88.6	88.6	11.56	10.90	-2.38	-2.38	-13.28
GEW-007	5/22/2019 9:53:38 AM	57.5	40.4	0.0	2.1	88.6	87.8	0.61	1.83	-2.93	-2.98	-13.19
GEW-007	5/30/2019 1:41:14 PM	56.9	40.3	0.0	2.8	92.2	92.2	12.72	12.13	-2.92	-2.92	-13.15

May 2019 Wellfield Monitoring Data - Bridgeton Landfill												
Well Name	Date Sampled	Methane	CO_2	O_2	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H_2O		
GEW-008	5/2/2019 9:50:48 AM	54.2	42.6	0.0	3.2	107.5	107.5	12.33	12.33	-0.74	-0.73	-13.36
GEW-008	5/9/2019 10:28:11 AM	55.7	42.1	0.0	2.2	107.0	107.0	18.44	18.83	-0.93	-0.92	-13.28
GEW-008	5/9/2019 10:33:59 AM	55.3	42.6	0.0	2.1	107.0	107.0	15.22	14.23	-0.94	-0.96	-13.57
GEW-008	5/14/2019 2:19:56 PM	54.4	42.8	0.0	2.8	109.9	110.0	30.39	30.15	-0.44	-0.42	-13.23
GEW-008	5/22/2019 9:57:16 AM	54.2	41.9	0.0	3.9	109.0	109.1	14.15	12.81	-0.79	-0.75	-13.53
GEW-008	5/30/2019 1:44:55 PM	53.7	42.3	0.0	4.0	110.0	110.0	15.19	9.68	-0.65	-0.65	-12.94
GEW-009	5/2/2019 9:53:57 AM	50.4	40.4	0.0	9.2	116.0	116.1	10.00	10.00	-0.22	-0.21	-13.40
GEW-009	5/9/2019 1:53:48 PM	52.4	39.9	0.0	7.7	114.5	114.5	28.84	28.21	-0.10	-0.07	-12.64
GEW-009	5/9/2019 1:59:57 PM	52.3	40.4	0.0	7.3	114.3	114.3	19.68	19.31	-0.12	-0.12	-12.81
GEW-009	5/14/2019 2:24:16 PM	52.3	41.1	0.0	6.6	119.9	119.9	9.97	7.63	-0.02	-0.03	-13.11
GEW-009	5/22/2019 10:00:14 AM	52.8	40.4	0.0	6.8	118.6	118.9	15.50	15.50	-0.15	-0.15	-13.28
GEW-009	5/30/2019 1:47:54 PM	52.6	41.2	0.0	6.2	120.0	120.2	12.21	12.78	-0.07	-0.09	-13.23
GEW-010	5/2/2019 9:16:25 AM	56.4	41.7	0.0	1.9	81.9	81.9	3.02	3.02	-3.77	-3.77	-20.56
GEW-010	5/8/2019 9:47:36 AM	56.6	42.9	0.0	0.5	90.0	90.2	2.80	2.80	-3.40	-3.40	-19.95
GEW-010	5/8/2019 9:53:10 AM	57.0	42.0	0.0	1.0	90.4	90.3	1.14	1.14	-3.44	-3.44	-20.07
GEW-010	5/15/2019 10:46:58 AM	53.4	45.2	0.0	1.4	92.0	91.9	2.28	3.22	-3.63	-3.62	-19.12
GEW-010	5/24/2019 8:07:31 AM	53.8	42.7	0.0	3.5	87.1	87.2	1.99	1.63	-3.43	-3.43	-19.46
GEW-010	5/31/2019 10:38:02 AM	58.3	41.7	0.0	0.0	91.2	91.2	3.59	2.78	-3.66	-3.66	-20.34
GEW-013A	5/9/2019 2:09:35 PM	12.1	39.3	7.8	40.8	182.7	183.7	24.76	24.76	-0.44	-0.44	-19.83
GEW-013A	5/9/2019 2:12:05 PM	12.5	38.0	7.5	42.0	182.1	183.9	12.63	12.63	-1.74	-1.74	-20.38
GEW-013A	5/10/2019 2:43:47 PM	6.3	63.5	0.3	29.9	192.9	192.3	25.29	25.29	-18.36	-18.36	-20.13
GEW-013A	5/20/2019 1:18:50 PM	6.1	62.4	0.4	31.1	193.7	193.6	19.40	19.40	-16.90	-16.90	-20.75
GEW-013A	5/20/2019 1:19:35 PM	6.1	62.7	0.2	31.0	193.6	193.6	28.52	28.52	-17.57	-17.57	-19.95
GEW-015	5/10/2019 10:13:07 AM	18.5	49.3	0.4	31.8	86.5	86.5	4.51	4.51	-2.81	-2.81	-20.26
GEW-015	5/30/2019 11:17:04 AM	18.7	52.2	0.0	29.1	112.0	112.2	2.68	2.68	-2.44	-2.45	-18.52
GEW-016R	5/10/2019 10:17:05 AM	2.6	51.1	0.4	45.9	181.9	181.5	9.64	9.64	-4.85	-4.85	-20.62
GEW-016R	5/10/2019 10:17:54 AM	2.6	52.1	0.4	44.9	181.6	181.5	12.15	12.15	-4.69	-4.69	-20.38
GEW-016R	5/20/2019 2:58:36 PM	4.8	51.6	0.0	43.6	182.1	182.1	11.90	11.90	-4.98	-4.98	-19.34
GEW-016R	5/20/2019 2:59:55 PM	5.0	52.4	0.0	42.6	182.1	182.1	12.14	12.14	-5.00	-5.00	-19.28
GEW-018B	5/2/2019 9:13:14 AM	2.5	59.2	0.0	38.3	198.6	198.6	14.80	9.00	12.49	12.83	-21.35
GEW-018B	5/2/2019 9:20:09 AM	1.1	63.2	0.0	35.7	198.6	198.6	46.50	46.50	0.40	0.40	-20.42
GEW-018B	5/2/2019 10:58:49 AM	1.7	61.0	0.2	37.1	196.4	196.4	45.81	45.59	-1.44	-1.43	-19.83
GEW-018B	5/16/2019 2:00:36 PM	1.7	58.0	0.0	40.3	200.1	200.2	32.59	31.45	-1.09	-1.13	-16.87
GEW-018B	5/16/2019 2:02:47 PM	1.5	58.2	0.0	40.3	200.7	200.1	56.73	56.63	-0.40	-0.32	-18.60
GEW-019A	5/9/2019 1:24:23 PM	2.0	63.2	0.1	34.7	63.8	63.8	11.42	5.14	-14.46	-14.46	-20.32
GEW-019A	5/23/2019 2:00:31 PM	0.9	61.1	0.8	37.2	97.0	97.1	1.53	5.42	-17.60	-17.52	-18.39
GEW-039	5/8/2019 2:06:47 PM	40.7	41.1	0.0	18.2	109.7	109.7	25.51	25.51	-0.13	-0.13	-20.69
GEW-039	5/8/2019 2:14:54 PM	40.8	41.0	0.1	18.1	110.0	110.0	11.46	11.46	-0.11	-0.11	-20.32
GEW-039	5/15/2019 10:43:17 AM	36.6	43.6	0.0	19.8	108.7	108.7	11.81	12.11	-0.08	-0.08	-19.08
GEW-039	5/24/2019 8:42:41 AM	37.3	43.5	0.1	19.1	107.2	107.2	10.15	10.15	-0.10	-0.10	-19.80

May 2019 Wellfield Monitoring Data - Bridgeton Landfill												
Well Name	Date Sampled	Methane	CO_2	O_2	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H_2O		
GEW-039	5/31/2019 11:38:02 AM	37.3	38.8	0.3	23.6	106.7	106.9	14.52	10.44	-0.06	-0.07	-20.08
GEW-040	5/2/2019 10:31:53 AM	55.0	36.7	0.0	8.3	68.6	68.6	8.36	8.36	-0.79	-0.79	-12.85
GEW-040	5/10/2019 9:00:57 AM	52.7	36.1	0.0	11.2	57.0	57.0	8.91	9.35	-0.78	-0.77	-12.43
GEW-040	5/10/2019 9:07:51 AM	53.5	34.7	0.0	11.8	57.1	57.2	8.46	8.87	-0.69	-0.68	-12.60
GEW-040	5/14/2019 2:50:49 PM	55.6	36.3	0.0	8.1	85.2	85.2	5.49	5.49	-0.60	-0.60	-12.81
GEW-040	5/22/2019 10:59:46 AM	57.1	40.1	0.0	2.8	78.8	78.8	4.58	2.39	-0.70	-0.68	-12.39
GEW-040	5/31/2019 9:04:48 AM	56.7	36.9	0.0	6.4	82.1	82.3	14.18	13.04	-0.67	-0.67	-12.35
GEW-041R	5/2/2019 10:35:20 AM	55.1	36.5	0.0	8.4	87.7	87.7	3.88	7.25	-0.42	-0.40	-12.52
GEW-041R	5/10/2019 9:11:52 AM	57.2	35.9	0.0	6.9	83.7	83.8	13.48	13.48	-0.33	-0.32	-12.35
GEW-041R	5/10/2019 9:17:43 AM	57.1	35.9	0.0	7.0	83.7	83.7	34.58	34.58	-0.27	-0.27	-12.85
GEW-041R	5/14/2019 2:53:39 PM	55.4	36.2	0.0	8.4	93.9	93.9	9.45	7.71	-0.15	-0.14	-12.60
GEW-041R	5/22/2019 11:04:02 AM	56.5	36.7	0.0	6.8	95.0	95.0	10.81	10.10	-0.33	-0.29	-12.94
GEW-041R	5/31/2019 9:07:54 AM	57.7	37.0	0.0	5.3	98.2	98.2	27.69	27.69	-0.31	-0.32	-12.68
GEW-042R	5/2/2019 10:38:02 AM	57.9	39.4	0.0	2.7	101.3	101.4	18.08	17.47	-2.19	-2.18	-12.64
GEW-042R	5/10/2019 9:21:24 AM	58.9	39.2	0.0	1.9	99.9	99.9	8.95	11.45	-2.01	-2.01	-12.52
GEW-042R	5/10/2019 9:27:51 AM	58.9	39.2	0.0	1.9	99.6	99.4	10.46	10.80	-2.04	-2.04	-12.73
GEW-042R	5/14/2019 2:56:26 PM	57.9	39.0	0.0	3.1	104.0	104.0	29.49	29.24	-1.74	-1.74	-12.47
GEW-042R	5/22/2019 11:06:54 AM	57.5	39.7	0.0	2.8	103.7	103.6	7.50	8.83	-1.74	-1.72	-11.46
GEW-042R	5/31/2019 9:10:30 AM	58.2	39.7	0.0	2.1	105.0	105.0	3.80	2.69	-1.91	-1.91	-12.94
GEW-043R	5/2/2019 10:42:13 AM	56.7	40.7	0.0	2.6	113.0	113.0	13.64	9.65	-0.98	-0.99	-12.56
GEW-043R	5/10/2019 9:52:18 AM	58.1	39.7	0.0	2.2	111.5	111.6	11.99	11.37	-0.70	-0.70	-12.64
GEW-043R	5/10/2019 9:58:30 AM	57.2	40.8	0.0	2.0	112.1	112.0	30.43	31.36	-0.77	-0.76	-12.81
GEW-043R	5/14/2019 3:00:06 PM	56.2	40.6	0.0	3.2	115.3	115.3	8.02	10.59	-0.44	-0.44	-12.81
GEW-043R	5/22/2019 11:10:46 AM	56.1	40.6	0.0	3.3	115.5	115.8	13.01	12.16	-0.93	-0.92	-12.77
GEW-043R	5/31/2019 9:13:27 AM	56.7	40.9	0.0	2.4	116.0	116.3	8.44	6.54	-0.94	-0.94	-12.43
GEW-044	5/2/2019 11:12:05 AM	47.7	36.0	0.0	16.3	75.2	75.2	8.32	6.20	-0.20	-0.19	-12.68
GEW-044	5/2/2019 11:13:19 AM	47.9	35.4	0.0	16.7	73.9	73.8	8.78	8.78	-0.12	-0.12	-12.98
GEW-044	5/10/2019 10:01:54 AM	50.6	35.5	0.0	13.9	59.0	59.0	5.63	5.63	-0.14	-0.14	-12.52
GEW-044	5/10/2019 10:08:20 AM	51.0	35.1	0.0	13.9	59.3	59.3	10.15	10.15	-0.18	-0.18	-12.52
GEW-044	5/14/2019 3:03:22 PM	55.2	37.8	0.0	7.0	82.2	82.3	8.27	6.75	-0.12	-0.12	-12.60
GEW-044	5/22/2019 11:14:52 AM	54.3	35.9	0.0	9.8	83.0	83.0	3.64	6.18	-0.44	-0.45	-12.22
GEW-044	5/31/2019 9:17:18 AM	55.8	35.5	0.0	8.7	86.1	86.1	8.21	7.98	-0.48	-0.48	-12.60
GEW-045R	5/2/2019 11:25:03 AM	57.9	40.6	0.0	1.5	84.2	84.2	11.64	10.97	-1.29	-1.28	-12.68
GEW-045R	5/10/2019 1:46:19 PM	58.2	39.3	0.0	2.5	86.8	86.8	9.87	8.21	-1.31	-1.29	-12.52
GEW-045R	5/13/2019 9:06:59 AM	58.7	40.0	0.0	1.3	85.4	85.6	10.61	9.49	-1.42	-1.42	-12.18
GEW-045R	5/13/2019 9:13:02 AM	58.6	39.9	0.0	1.5	85.6	85.6	11.62	11.29	-1.43	-1.42	-12.14
GEW-045R	5/22/2019 11:23:43 AM	57.6	39.7	0.0	2.7	91.0	91.0	10.46	10.46	-1.55	-1.54	-12.85
GEW-045R	5/31/2019 9:33:01 AM	58.5	39.7	0.0	1.8	93.1	93.6	1.36	1.36	-1.40	-1.41	-12.68
GEW-046R	5/2/2019 11:28:23 AM	49.8	37.3	0.0	12.9	79.7	79.6	8.73	8.74	-0.18	-0.17	-12.68
GEW-046R	5/2/2019 11:29:42 AM	49.7	37.2	0.1	13.0	79.3	79.2	13.25	8.29	-0.17	-0.17	-12.64

May 2019 Wellfield Monitoring Data - Bridgeton Landfill												
Well Name	Date Sampled	Methane	CO_2	O_2	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H_2O		
GEW-046R	5/10/2019 1:49:04 PM	51.4	36.4	0.0	12.2	81.9	81.9	6.75	4.77	-0.18	-0.18	-12.39
GEW-046R	5/10/2019 1:50:25 PM	51.4	36.8	0.0	11.8	82.1	82.1	6.75	6.16	-0.20	-0.20	-12.43
GEW-046R	5/13/2019 9:16:31 AM	51.6	36.7	0.0	11.7	79.0	79.2	9.96	8.74	-0.33	-0.34	-12.18
GEW-046R	5/13/2019 9:22:42 AM	50.8	36.5	0.0	12.7	80.1	80.2	9.56	7.81	-0.35	-0.34	-12.47
GEW-046R	5/22/2019 11:26:47 AM	50.5	36.6	0.0	12.9	87.9	87.9	8.11	8.98	-0.34	-0.36	-12.52
GEW-046R	5/22/2019 11:27:56 AM	50.9	36.8	0.0	12.3	87.9	87.9	8.99	8.56	-0.33	-0.30	-12.85
GEW-046R	5/31/2019 9:35:51 AM	52.1	37.3	0.0	10.6	92.9	92.9	11.30	11.23	-0.33	-0.33	-12.30
GEW-047R	5/2/2019 1:52:11 PM	49.5	38.7	0.0	11.8	97.5	97.7	10.52	9.80	-0.31	-0.31	-12.56
GEW-047R	5/2/2019 1:53:49 PM	49.6	38.8	0.0	11.6	97.0	97.1	14.89	15.13	-0.29	-0.28	-12.30
GEW-047R	5/10/2019 2:09:35 PM	51.6	38.7	0.0	9.7	101.1	101.1	28.42	28.29	-0.13	-0.12	-12.60
GEW-047R	5/13/2019 10:13:04 AM	51.3	39.2	0.0	9.5	97.4	97.4	12.15	10.52	-0.30	-0.30	-12.14
GEW-047R	5/13/2019 10:18:55 AM	51.3	39.1	0.0	9.6	97.7	97.7	41.47	39.92	-0.29	-0.28	-12.18
GEW-047R	5/22/2019 1:21:56 PM	52.2	39.3	0.0	8.5	106.0	106.0	26.57	25.30	-0.16	-0.16	-12.77
GEW-047R	5/31/2019 9:55:56 AM	54.7	39.8	0.0	5.5	104.8	105.0	0.85	2.09	-0.38	-0.38	-12.56
GEW-048	5/2/2019 2:02:15 PM	54.5	39.1	0.0	6.4	93.6	93.6	15.41	15.41	-0.63	-0.63	-13.45
GEW-048	5/10/2019 2:16:18 PM	54.2	38.0	0.0	7.8	96.0	96.0	11.85	16.98	-0.47	-0.47	-12.52
GEW-048	5/13/2019 10:33:31 AM	54.6	38.0	0.0	7.4	96.0	96.2	13.59	18.03	-0.63	-0.63	-13.11
GEW-048	5/13/2019 10:39:30 AM	54.5	38.0	0.0	7.5	95.5	95.5	37.19	36.79	-0.61	-0.62	-12.94
GEW-048	5/22/2019 1:28:28 PM	54.4	38.4	0.0	7.2	98.7	98.7	13.01	17.99	-0.54	-0.55	-13.87
GEW-048	5/31/2019 10:01:25 AM	56.6	38.3	0.0	5.1	99.1	99.1	15.57	10.14	-0.77	-0.79	-13.40
GEW-049	5/2/2019 11:18:15 AM	48.0	34.8	0.0	17.2	91.5	91.5	10.22	9.85	-0.18	-0.17	-12.77
GEW-049	5/2/2019 11:19:35 AM	48.0	35.4	0.0	16.6	90.2	90.1	9.07	8.21	-0.15	-0.14	-12.18
GEW-049	5/10/2019 1:43:20 PM	52.8	36.0	0.0	11.2	83.7	83.7	13.49	11.01	-0.07	-0.06	-12.18
GEW-049	5/13/2019 8:55:31 AM	55.7	37.7	0.0	6.6	78.4	78.4	11.06	10.71	-0.23	-0.23	-12.18
GEW-049	5/13/2019 9:01:07 AM	55.2	37.7	0.0	7.1	77.8	77.9	7.32	7.32	-0.19	-0.19	-11.54
GEW-049	5/22/2019 11:18:42 AM	54.0	38.0	0.0	8.0	92.3	92.4	2.36	3.61	-0.32	-0.32	-12.52
GEW-049	5/31/2019 10:09:23 AM	53.3	36.7	0.0	10.0	95.5	95.7	7.67	7.65	-0.26	-0.26	-12.35
GEW-050	5/2/2019 9:38:41 AM	54.0	36.5	0.0	9.5	95.6	95.7	13.05	13.87	-0.40	-0.39	-5.58
GEW-050	5/9/2019 9:40:00 AM	54.3	37.9	0.0	7.8	95.6	95.6	11.86	10.18	-0.42	-0.41	-8.16
GEW-050	5/9/2019 9:47:24 AM	54.5	37.7	0.0	7.8	94.9	95.0	5.44	5.44	-0.45	-0.45	-6.38
GEW-050	5/14/2019 2:09:42 PM	56.1	38.1	0.0	5.8	98.9	99.1	17.91	19.17	-0.02	-0.03	-6.09
GEW-050	5/22/2019 9:44:56 AM	55.3	37.3	0.0	7.4	98.3	98.4	5.08	3.15	-0.40	-0.38	-7.82
GEW-050	5/30/2019 1:35:40 PM	55.6	38.0	0.0	6.4	100.4	100.4	25.71	26.97	-0.20	-0.20	-5.79
GEW-051	5/2/2019 9:58:37 AM	55.5	41.2	0.0	3.3	112.7	112.8	10.71	9.28	-0.76	-0.73	-11.21
GEW-051	5/9/2019 2:07:17 PM	55.8	41.2	0.0	3.0	112.5	112.5	6.56	13.66	-0.68	-0.67	-12.43
GEW-051	5/9/2019 2:13:45 PM	55.9	40.9	0.0	3.2	107.7	107.7	12.04	10.77	-0.42	-0.41	-12.09
GEW-051	5/14/2019 2:28:25 PM	54.7	41.2	0.0	4.1	108.7	108.7	8.08	7.62	0.25	0.25	-12.85
GEW-051	5/14/2019 2:29:47 PM	54.4	41.9	0.0	3.7	112.3	112.6	11.39	12.59	0.05	0.05	-12.35
GEW-051	5/15/2019 8:13:21 AM	56.1	40.5	0.0	3.4	113.5	113.5	13.91	10.02	-0.58	-0.58	-12.47
GEW-051	5/22/2019 10:04:58 AM	55.6	40.8	0.0	3.6	114.6	114.7	14.58	13.57	-0.65	-0.61	-13.45

May 2019 Wellfield Monitoring Data - Bridgeton Landfill												
Well Name	Date Sampled	Methane	CO_2	O_2	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H_2O		
GEW-051	5/30/2019 1:51:59 PM	54.8	40.9	0.0	4.3	115.8	115.8	8.02	8.86	-0.44	-0.43	-12.90
GEW-052	5/2/2019 9:43:24 AM	50.2	35.8	0.0	14.0	103.8	103.8	12.96	13.24	-0.23	-0.21	-13.45
GEW-052	5/2/2019 9:44:41 AM	49.7	36.5	0.0	13.8	103.8	103.8	12.68	10.47	-0.19	-0.19	-12.90
GEW-052	5/9/2019 9:54:24 AM	49.4	35.6	0.0	15.0	103.0	103.0	11.47	14.05	-0.26	-0.26	-13.28
GEW-052	5/9/2019 10:01:10 AM	49.3	35.2	0.0	15.5	101.3	101.1	9.38	7.66	-0.24	-0.24	-13.53
GEW-052	5/14/2019 2:12:39 PM	55.0	38.7	0.0	6.3	104.8	104.8	8.11	8.54	0.11	0.11	-13.70
GEW-052	5/14/2019 2:13:55 PM	54.8	39.3	0.0	5.9	104.9	105.0	5.40	6.04	0.15	0.13	-13.19
GEW-052	5/15/2019 8:16:54 AM	50.7	36.5	0.0	12.8	101.3	101.2	31.01	29.80	-0.10	-0.09	-12.98
GEW-052	5/22/2019 9:48:13 AM	51.6	36.0	0.0	12.4	104.1	104.5	13.11	13.10	-0.11	-0.12	-12.52
GEW-052	5/30/2019 1:38:28 PM	52.0	36.8	0.0	11.2	106.7	106.7	28.92	28.28	-0.03	-0.03	-13.15
GEW-053	5/2/2019 10:04:05 AM	52.6	41.8	0.0	5.6	141.5	141.5	19.18	15.44	-1.25	-1.24	-12.35
GEW-053	5/2/2019 10:06:15 AM	52.1	42.6	0.0	5.3	141.5	141.5	16.50	14.99	-1.31	-1.32	-12.94
GEW-053	5/9/2019 2:18:21 PM	53.1	41.6	0.0	5.3	141.9	141.9	19.53	19.53	-1.17	-1.17	-12.98
GEW-053	5/9/2019 2:25:25 PM	52.6	42.1	0.0	5.3	141.9	141.9	14.77	14.77	-1.01	-1.01	-12.47
GEW-053	5/14/2019 2:35:49 PM	52.1	41.4	0.0	6.5	142.2	142.2	15.45	14.31	-0.67	-0.64	-13.11
GEW-053	5/14/2019 2:37:22 PM	51.9	42.1	0.0	6.0	142.5	142.5	18.83	16.92	-0.63	-0.65	-13.15
GEW-053	5/22/2019 10:45:09 AM	51.0	42.9	0.0	6.1	141.2	141.0	20.52	20.36	-0.99	-0.99	-13.95
GEW-053	5/22/2019 10:46:11 AM	50.5	42.9	0.0	6.6	141.2	140.9	20.52	17.86	-1.04	-1.01	-13.02
GEW-053	5/30/2019 1:58:19 PM	52.0	41.8	0.0	6.2	142.2	142.2	17.31	17.31	-0.92	-0.92	-13.23
GEW-053	5/30/2019 1:59:24 PM	51.5	42.0	0.0	6.5	142.2	142.2	16.51	16.30	-0.99	-0.96	-12.43
GEW-054	5/2/2019 10:22:04 AM	53.9	41.9	0.0	4.2	145.9	145.9	49.83	50.24	-4.35	-4.28	-13.02
GEW-054	5/2/2019 10:23:09 AM	53.7	42.4	0.0	3.9	145.9	145.9	49.36	50.88	-4.37	-4.42	-12.73
GEW-054	5/9/2019 2:31:15 PM	53.7	42.7	0.0	3.6	145.9	145.6	59.35	49.66	-4.32	-4.26	-12.94
GEW-054	5/9/2019 2:37:54 PM	53.6	42.3	0.0	4.1	145.9	145.9	54.27	56.47	-4.22	-4.35	-12.73
GEW-054	5/14/2019 2:40:34 PM	53.2	42.2	0.0	4.6	145.9	145.9	47.50	46.73	-3.82	-3.75	-12.77
GEW-054	5/14/2019 2:41:43 PM	53.4	42.3	0.0	4.3	145.9	145.9	54.25	58.50	-3.89	-3.98	-12.73
GEW-054	5/22/2019 10:49:27 AM	53.3	42.2	0.0	4.5	145.2	145.2	48.05	52.04	-4.02	-4.12	-12.39
GEW-054	5/22/2019 10:50:36 AM	53.3	42.1	0.0	4.6	145.2	145.2	52.34	56.38	-4.20	-4.30	-13.53
GEW-054	5/31/2019 8:45:40 AM	53.4	44.4	0.0	2.2	145.9	145.9	54.57	56.71	-4.26	-4.37	-12.73
GEW-054	5/31/2019 8:46:41 AM	53.9	43.3	0.0	2.8	145.9	145.9	56.82	56.82	-4.41	-4.41	-12.01
GEW-055	5/2/2019 10:29:06 AM	53.7	41.8	0.0	4.5	124.7	124.7	2.63	7.45	-1.28	-1.28	-12.81
GEW-055	5/10/2019 8:51:50 AM	54.3	40.5	0.0	5.2	121.8	121.8	7.72	7.33	-1.05	-1.08	-12.47
GEW-055	5/10/2019 8:57:41 AM	54.2	41.1	0.0	4.7	122.5	122.5	5.61	5.29	-1.10	-1.09	-12.64
GEW-055	5/14/2019 2:47:54 PM	52.7	41.6	0.0	5.7	128.9	129.0	7.78	8.07	-0.61	-0.61	-12.77
GEW-055	5/22/2019 10:56:53 AM	52.9	42.5	0.0	4.6	130.2	130.3	10.78	7.85	-0.92	-0.94	-12.47
GEW-055	5/31/2019 9:01:35 AM	53.1	42.0	0.0	4.9	130.0	129.7	9.36	8.53	-1.04	-1.03	-12.35
GEW-056R	5/2/2019 9:25:08 AM	42.3	39.2	0.0	18.5	94.1	94.1	2.49	4.82	-0.37	-0.37	-19.16
GEW-056R	5/8/2019 9:57:13 AM	43.1	40.2	0.0	16.7	101.1	100.8	2.53	2.53	-0.21	-0.21	-18.85
GEW-056R	5/8/2019 10:03:39 AM	43.5	39.6	0.0	16.9	98.4	98.4	1.97	2.27	-0.30	-0.30	-20.07
GEW-056R	5/15/2019 10:50:30 AM	43.4	42.7	0.0	13.9	115.0	115.0	2.21	3.49	-0.33	-0.32	-19.29

May 2019 Wellfield Monitoring Data - Bridgeton Landfill												
Well Name	Date Sampled	Methane	CO_2	O_2	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H_2O		
GEW-056R	5/24/2019 8:04:20 AM	44.1	39.8	0.0	16.1	106.7	106.7	3.16	2.96	-0.48	-0.48	-19.76
GEW-056R	5/31/2019 10:44:39 AM	46.0	41.1	0.0	12.9	113.9	114.0	2.90	2.20	-0.49	-0.49	-20.21
GEW-057B	5/3/2019 10:34:39 AM	2.1	55.6	0.0	42.3	178.7	178.6	22.22	22.22	-5.19	-5.19	-19.22
GEW-057B	5/3/2019 10:35:29 AM	2.0	58.0	0.0	40.0	179.2	179.2	21.87	21.87	-5.19	-5.19	-18.73
GEW-057B	5/17/2019 9:32:08 AM	2.3	56.2	0.0	41.5	169.5	169.5	26.34	26.61	-1.90	-1.90	-17.08
GEW-057B	5/17/2019 9:33:09 AM	2.3	57.6	0.0	40.1	169.5	169.5	25.83	26.72	-1.91	-1.95	-16.70
GEW-058A	5/3/2019 9:42:45 AM	3.5	39.5	0.2	56.8	72.5	72.6	0.92	0.92	-3.40	-3.40	-19.28
GEW-058A	5/28/2019 2:28:09 PM	5.5	39.2	0.1	55.2	108.8	109.0	3.30	3.48	-3.42	-3.41	-19.66
GEW-059R	5/3/2019 9:27:22 AM	28.4	41.9	0.1	29.6	155.2	155.2	20.99	20.99	-16.90	-16.90	-19.46
GEW-059R	5/3/2019 9:28:12 AM	28.6	41.8	0.1	29.5	155.3	155.2	23.72	19.86	-16.90	-16.90	-19.40
GEW-059R	5/17/2019 9:07:54 AM	29.7	39.6	0.0	30.7	150.6	150.6	15.45	17.15	-18.02	-18.02	-20.68
GEW-059R	5/17/2019 9:09:16 AM	29.2	40.3	0.0	30.5	146.6	146.6	11.45	10.59	-15.32	-15.32	-20.21
GEW-067A	5/10/2019 9:36:56 AM	4.0	43.4	4.0	48.6	198.3	198.0	25.60	25.60	-2.08	-2.08	-17.69
GEW-067A	5/10/2019 9:39:21 AM	4.1	44.6	3.4	47.9	199.3	199.3	8.75	8.75	-0.43	-0.43	-16.22
GEW-067A	5/21/2019 3:20:31 PM	4.2	60.0	0.0	35.8	201.8	201.6	18.15	18.15	-1.03	-1.03	-14.38
GEW-067A	5/21/2019 3:21:21 PM	4.3	59.6	0.0	36.1	201.6	201.6	28.88	28.88	-1.55	-1.55	-14.32
GEW-068A	5/3/2019 11:19:04 AM	4.0	57.5	0.4	38.1	198.6	198.6	8.51	2.94	-7.02	-7.02	-19.03
GEW-068A	5/3/2019 11:20:04 AM	4.0	59.6	0.3	36.1	198.6	198.6	19.43	16.54	-7.44	-7.44	-18.97
GEW-068A	5/17/2019 9:50:59 AM	2.8	55.9	0.0	41.3	193.6	193.6	20.12	20.12	-5.19	-5.19	-18.14
GEW-068A	5/17/2019 9:52:07 AM	2.5	58.6	0.0	38.9	194.3	194.3	19.77	17.27	-4.90	-4.94	-17.17
GEW-078R	5/10/2019 2:01:13 PM	9.1	39.1	0.0	51.8	138.7	138.7	5.18	4.49	-1.21	-1.21	-19.52
GEW-078R	5/10/2019 2:02:01 PM	9.2	39.5	0.0	51.3	139.0	138.7	4.61	4.23	-1.19	-1.19	-19.77
GEW-078R	5/20/2019 3:04:43 PM	12.2	40.7	0.1	47.0	148.4	148.4	5.36	5.36	-1.29	-1.29	-18.97
GEW-078R	5/20/2019 3:05:25 PM	12.6	40.6	0.0	46.8	148.4	148.4	5.84	5.74	-1.31	-1.31	-19.03
GEW-082R	5/10/2019 2:08:04 PM	9.7	36.8	0.0	53.5	170.0	169.5	7.16	4.40	-9.58	-9.58	-17.50
GEW-082R	5/10/2019 2:09:42 PM	9.7	36.7	0.0	53.6	169.0	169.5	0.99	3.42	-9.03	-9.03	-16.95
GEW-082R	5/20/2019 3:09:56 PM	13.1	37.5	0.0	49.4	171.6	171.6	17.52	17.52	-10.19	-10.19	-19.34
GEW-082R	5/20/2019 3:10:42 PM	13.4	37.2	0.0	49.4	171.6	171.6	5.05	3.61	-9.70	-9.70	-19.16
GEW-086	5/9/2019 2:43:13 PM	18.4	44.8	0.1	36.7	90.5	91.2	0.93	0.93	-0.24	-0.24	-20.56
GEW-086	5/31/2019 11:49:51 AM	18.1	39.4	0.1	42.4	171.6	171.6	14.59	11.37	-0.57	-0.58	-19.62
GEW-086	5/31/2019 11:51:13 AM	18.2	39.2	0.1	42.5	173.6	173.6	10.55	9.72	-1.13	-1.20	-19.92
GEW-087	5/9/2019 2:28:30 PM	8.9	63.5	0.0	27.6	202.3	202.2	36.21	29.90	-14.95	-14.95	-19.58
GEW-087	5/9/2019 2:37:57 PM	10.0	62.7	0.0	27.3	200.8	200.8	28.62	28.62	-17.94	-17.94	-21.36
GEW-087	5/20/2019 1:24:15 PM	7.2	59.0	0.3	33.5	199.3	199.3	26.81	26.81	-15.01	-15.01	-20.93
GEW-087	5/20/2019 1:25:30 PM	7.0	58.5	0.4	34.1	199.5	199.3	33.06	33.06	-13.85	-13.85	-20.69
GEW-088	5/9/2019 2:16:09 PM	13.8	42.9	1.7	41.6	179.7	180.3	11.85	11.85	-6.65	-6.65	-21.48
GEW-088	5/9/2019 2:18:03 PM	13.8	42.1	1.6	42.5	179.5	179.7	11.60	11.60	-7.02	-7.02	-21.97
GEW-088	5/21/2019 3:13:57 PM	5.6	47.6	0.5	46.3	190.8	190.7	26.00	26.00	-6.71	-6.71	-19.16
GEW-088	5/21/2019 3:14:41 PM	5.7	46.7	0.5	47.1	190.2	190.4	25.41	25.03	-6.77	-6.77	-18.97
GEW-090	5/9/2019 1:50:15 PM	8.0	56.9	0.0	35.1	200.8	200.8	27.58	25.00	-8.48	-8.48	-21.48

May 2019 Wellfield Monitoring Data - Bridgeton Landfill												
Well Name	Date Sampled	Methane	CO_2	O_2	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H_2O		
GEW-090	5/9/2019 1:51:08 PM	8.4	57.0	0.0	34.6	200.9	200.8	24.17	26.18	-8.48	-8.48	-20.99
GEW-090	5/20/2019 1:30:43 PM	17.5	51.6	0.0	30.9	197.9	197.8	25.02	25.02	-10.86	-10.86	-21.30
GEW-090	5/20/2019 1:31:32 PM	17.5	51.3	0.0	31.2	197.9	197.8	23.99	23.99	-10.92	-10.92	-21.48
GEW-091	5/2/2019 10:10:15 AM	2.0	58.2	0.1	39.7	201.6	201.6	14.51	14.51	-15.13	-15.13	-19.89
GEW-091	5/2/2019 2:04:58 PM	2.5	54.7	0.0	42.8	200.1	200.1	2.60	5.30	-16.11	-16.11	-19.89
GEW-091	5/8/2019 2:24:17 PM	2.3	57.6	0.0	40.1	200.8	200.8	27.20	27.20	-3.23	-3.23	-6.49
GEW-091	5/8/2019 2:32:32 PM	2.2	57.1	0.1	40.6	201.6	200.8	23.91	23.91	-3.41	-3.41	-5.75
GEW-091	5/15/2019 11:07:20 AM	1.5	69.4	0.0	29.1	197.9	197.9	7.38	17.33	-1.60	-1.99	-2.74
GEW-091	5/15/2019 11:08:55 AM	1.7	69.6	0.0	28.7	198.6	198.6	28.58	26.80	-1.68	-1.74	-4.13
GEW-091	5/24/2019 9:09:09 AM	1.9	65.1	0.1	32.9	197.9	197.9	16.53	15.06	-14.12	-14.50	-17.44
GEW-091	5/24/2019 9:10:20 AM	1.7	69.5	0.1	28.7	197.4	197.2	25.43	23.39	-16.58	-16.53	-17.19
GEW-091	5/31/2019 9:03:41 AM	2.4	62.4	0.0	35.2	195.1	195.6	4.27	5.02	-15.26	-15.26	-16.72
GEW-091	5/31/2019 9:04:50 AM	2.1	64.5	0.0	33.4	195.7	195.7	4.56	4.56	-15.22	-15.31	-16.43
GEW-100	5/3/2019 1:20:24 PM	4.0	57.7	0.1	38.2	68.2	68.1	5.28	5.28	-16.96	-16.96	-18.91
GEW-100	5/28/2019 11:03:07 AM	7.2	57.7	0.2	34.9	90.8	90.8	7.41	5.24	-18.62	-18.66	-18.73
GEW-101	5/3/2019 9:14:15 AM	40.5	54.0	0.5	5.0	67.1	67.0	10.39	10.39	-0.49	-0.49	-20.32
GEW-101	5/28/2019 11:22:11 AM	31.8	35.1	6.5	26.6	93.6	93.6	3.78	2.55	-0.13	-0.13	-19.75
GEW-101	5/28/2019 11:23:34 AM	33.9	35.9	5.7	24.5	93.4	93.4	1.61	1.14	-0.11	-0.11	-19.66
GEW-101	5/29/2019 9:27:30 AM	44.7	42.8	2.2	10.3	82.6	82.6	2.01	2.85	-0.11	-0.11	-19.83
GEW-102	5/3/2019 10:42:05 AM	20.9	47.6	1.0	30.5	68.4	68.3	3.97	1.48	-11.90	-11.90	-19.09
GEW-102	5/28/2019 11:40:54 AM	22.7	39.5	4.9	32.9	94.3	94.3	2.66	3.44	-18.24	-18.24	-19.20
GEW-104	5/3/2019 10:26:51 AM	0.3	12.5	16.2	71.0	171.0	170.5	13.26	13.26	-0.96	-0.96	-19.58
GEW-104	5/3/2019 10:27:54 AM	0.2	12.1	16.2	71.5	171.0	170.5	9.56	9.56	-0.88	-0.88	-19.16
GEW-104	5/17/2019 9:27:50 AM	0.4	10.5	17.5	71.6	158.5	158.5	7.21	4.99	-0.22	-0.24	-20.76
GEW-104	5/17/2019 9:29:21 AM	0.5	15.5	15.1	68.9	159.4	159.4	3.67	3.81	-0.04	-0.04	-19.58
GEW-104	5/31/2019 8:08:11 AM	1.3	58.8	0.0	39.9	160.2	160.2	3.95	1.44	1.14	1.14	-19.79
GEW-104	5/31/2019 8:10:00 AM	1.3	60.1	0.0	38.6	188.3	189.6	14.34	12.52	-4.26	-4.48	-19.96
GEW-105	5/3/2019 9:56:29 AM	17.8	53.1	0.0	29.1	122.1	122.1	3.33	2.76	-5.67	-5.67	-19.71
GEW-105	5/28/2019 2:09:35 PM	18.9	52.2	0.0	28.9	137.8	138.0	3.13	2.56	-4.17	-4.16	-20.17
GEW-105	5/28/2019 2:10:43 PM	18.3	53.6	0.0	28.1	139.3	139.3	3.45	3.45	-4.23	-4.23	-20.55
GEW-106	5/3/2019 9:47:52 AM	18.9	55.2	0.1	25.8	144.9	144.9	3.83	3.83	-18.30	-18.30	-19.77
GEW-106	5/3/2019 9:48:44 AM	19.0	55.3	0.1	25.6	145.2	145.2	2.15	4.66	-18.30	-18.30	-19.71
GEW-106	5/17/2019 9:19:23 AM	18.8	55.5	0.0	25.7	143.2	143.2	5.93	5.21	-16.50	-17.01	-20.34
GEW-106	5/17/2019 9:20:35 AM	18.4	55.1	0.0	26.5	144.2	144.5	1.00	2.23	-18.36	-18.36	-21.01
GEW-107	5/3/2019 9:36:28 AM	14.6	55.5	0.0	29.9	143.9	144.5	6.26	6.26	-3.96	-3.96	-19.22
GEW-107	5/3/2019 9:37:21 AM	14.5	55.8	0.0	29.7	144.1	143.9	4.69	4.69	-3.89	-3.89	-19.28
GEW-107	5/17/2019 9:13:22 AM	17.9	51.8	0.0	30.3	149.7	149.8	7.31	8.44	-3.25	-3.24	-18.56
GEW-107	5/17/2019 9:14:31 AM	17.4	54.6	0.0	28.0	151.0	151.0	6.87	10.02	-3.44	-3.43	-20.68
GEW-108	5/2/2019 1:49:33 PM	42.4	46.9	0.0	10.7	115.8	115.5	2.86	2.86	-4.67	-4.67	-20.07
GEW-108	5/8/2019 11:37:37 AM	51.3	45.5	0.0	3.2	136.6	136.8	1.49	1.49	-3.32	-3.32	-16.03

May 2019 Wellfield Monitoring Data - Bridgeton Landfill												
Well Name	Date Sampled	Methane	CO_2	O_2	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H_2O		
GEW-108	5/8/2019 11:46:36 AM	51.6	45.0	0.0	3.4	135.6	135.7	1.06	1.06	-3.29	-3.29	-15.97
GEW-108	5/15/2019 10:28:12 AM	41.5	47.6	0.0	10.9	157.5	157.3	4.33	7.29	-3.10	-3.06	-17.57
GEW-108	5/15/2019 10:29:48 AM	40.6	49.6	0.0	9.8	157.7	157.3	3.95	1.02	-3.13	-3.09	-16.60
GEW-108	5/24/2019 8:29:25 AM	29.1	50.7	0.0	20.2	167.6	167.6	1.01	3.02	-1.73	-1.71	-20.05
GEW-108	5/24/2019 8:30:44 AM	28.4	52.8	0.0	18.8	167.6	167.6	2.25	2.25	-1.75	-1.72	-19.55
GEW-108	5/31/2019 11:20:27 AM	44.5	47.7	0.0	7.8	152.5	152.6	1.77	2.04	-3.06	-3.07	-19.62
GEW-108	5/31/2019 11:21:48 AM	44.6	47.6	0.0	7.8	155.6	155.9	2.49	2.49	-3.07	-3.08	-19.49
GEW-109	5/2/2019 2:12:03 PM	44.0	45.5	0.2	10.3	97.4	97.4	3.01	3.01	-3.00	-3.00	-20.20
GEW-109	5/8/2019 1:54:39 PM	44.3	45.6	0.2	9.9	109.2	109.2	1.02	1.51	-2.34	-2.34	-20.44
GEW-109	5/8/2019 2:01:38 PM	44.8	44.3	0.2	10.7	110.2	110.0	2.51	2.51	-2.38	-2.38	-20.38
GEW-109	5/15/2019 10:39:19 AM	42.1	50.1	0.2	7.6	114.8	115.0	4.52	2.81	-2.74	-2.74	-19.00
GEW-109	5/24/2019 8:38:50 AM	41.5	49.8	0.2	8.5	105.7	105.7	3.33	3.14	-3.85	-3.84	-19.59
GEW-109	5/31/2019 11:35:02 AM	47.5	41.6	0.8	10.1	112.7	112.7	5.46	5.12	-3.69	-3.69	-19.87
GEW-110	5/2/2019 9:20:43 AM	9.5	13.8	13.4	63.3	78.0	77.9	3.78	3.78	-0.09	-0.09	-20.20
GEW-110	5/2/2019 9:21:35 AM	9.2	13.2	13.6	64.0	78.0	77.9	1.32	1.32	-0.09	-0.09	-20.56
GEW-110	5/3/2019 9:40:22 AM	15.1	17.5	10.0	57.4	69.3	69.3	3.77	4.29	-0.08	-0.09	-19.37
GEW-110	5/6/2019 11:18:41 AM	10.8	18.8	13.9	56.5	92.4	92.4	4.62	6.29	-0.22	-0.24	-18.65
GEW-110	5/6/2019 11:22:07 AM	14.1	22.7	11.9	51.3	90.8	90.6	3.11	2.40	-0.07	-0.06	-18.48
GEW-110	5/6/2019 3:11:22 PM	19.6	35.5	6.7	38.2	93.2	93.1	1.14	2.28	-0.02	-0.03	-19.87
GEW-110	5/8/2019 10:08:25 AM	27.8	48.6	0.0	23.6	91.3	91.2	0.73	0.68	0.01	0.01	-18.97
GEW-110	5/8/2019 10:28:38 AM	26.8	41.5	0.2	31.5	91.7	91.7	4.60	4.60	-0.08	-0.08	-19.71
GEW-110	5/15/2019 10:53:50 AM	22.2	40.0	1.7	36.1	100.8	100.8	2.26	2.77	-0.13	-0.12	-18.79
GEW-110	5/24/2019 8:10:40 AM	21.6	33.5	7.6	37.3	95.8	96.0	3.61	4.11	-0.25	-0.22	-20.22
GEW-110	5/24/2019 8:12:12 AM	20.2	33.3	7.1	39.4	95.1	95.1	3.02	2.29	-0.13	-0.09	-19.88
GEW-110	5/28/2019 10:09:07 AM	24.2	39.7	4.9	31.2	98.7	98.9	2.78	2.73	-0.05	-0.05	-20.04
GEW-113	5/10/2019 10:22:13 AM	9.1	46.9	3.9	40.1	97.6	97.8	9.01	9.01	-0.33	-0.33	-14.99
GEW-113	5/30/2019 11:24:06 AM	12.3	53.3	1.3	33.1	112.0	112.2	10.45	17.31	-0.20	-0.19	-18.69
GEW-116	5/1/2019 8:32:19 AM	19.7	59.7	0.1	20.5	180.6	180.7	36.15	36.15	-5.74	-5.74	-20.69
GEW-116	5/1/2019 8:33:42 AM	19.9	59.9	0.1	20.1	180.4	180.3	42.27	42.27	-6.83	-6.83	-20.38
GEW-116	5/15/2019 9:18:36 AM	21.1	69.6	0.0	9.3	76.4	76.4	34.16	34.16	1.78	1.78	-18.82
GEW-116	5/15/2019 9:20:23 AM	21.2	69.7	0.0	9.1	116.9	117.9	24.57	24.57	-2.01	-2.01	-20.04
GEW-116	5/16/2019 1:56:05 PM	23.3	63.5	0.0	13.2	168.1	168.1	44.49	39.49	-1.81	-1.74	-18.56
GEW-116	5/16/2019 1:57:29 PM	23.3	64.5	0.0	12.2	168.5	168.5	46.68	37.58	-1.73	-1.80	-15.26
GEW-117	5/9/2019 1:27:49 PM	44.9	53.5	0.0	1.6	124.5	124.7	2.47	3.23	-17.14	-17.14	-20.13
GEW-117	5/23/2019 2:03:12 PM	39.7	53.2	0.0	7.1	111.0	111.5	24.25	17.35	-16.63	-16.46	-20.21
GEW-118	5/9/2019 1:40:25 PM	3.2	53.9	0.0	42.9	195.0	195.1	32.68	32.68	-6.59	-6.59	-21.11
GEW-118	5/9/2019 1:41:19 PM	3.2	54.3	0.0	42.5	195.0	195.0	32.61	32.61	-6.96	-6.96	-21.05
GEW-118	5/20/2019 11:04:09 AM	1.3	56.4	0.0	42.3	199.3	199.3	38.87	38.87	-2.94	-2.94	-20.44
GEW-118	5/20/2019 11:05:21 AM	1.3	56.4	0.0	42.3	199.3	199.3	40.00	40.00	-3.41	-3.41	-21.79
GEW-120	5/9/2019 9:47:50 AM	48.4	46.4	0.4	4.8	117.1	117.3	6.69	6.69	-2.58	-2.58	-19.77

May 2019 Wellfield Monitoring Data - Bridgeton Landfill												
Well Name	Date Sampled	Methane	CO_2	O_2	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H_2O		
GEW-120	5/23/2019 2:06:03 PM	48.3	47.5	0.0	4.2	110.2	110.3	7.41	8.11	-0.77	-0.75	-19.92
GEW-120	5/23/2019 2:07:45 PM	49.0	47.2	0.0	3.8	131.4	131.7	13.52	14.55	-6.54	-6.21	-19.11
GEW-120	5/23/2019 2:09:03 PM	49.8	47.0	0.0	3.2	133.8	133.8	15.43	13.98	-6.54	-6.54	-19.70
GEW-121	5/9/2019 9:51:47 AM	28.6	52.8	0.0	18.6	106.0	106.2	3.96	3.96	-1.83	-1.83	-20.13
GEW-121	5/23/2019 2:18:13 PM	25.0	52.7	0.0	22.3	120.7	120.7	1.53	2.16	-1.57	-1.57	-18.99
GEW-122	5/9/2019 9:56:59 AM	39.3	40.3	0.0	20.4	111.5	111.7	13.44	13.44	-10.92	-10.92	-20.07
GEW-122	5/24/2019 2:24:04 PM	34.8	41.1	0.0	24.1	120.5	120.6	3.36	4.63	-9.12	-9.12	-19.83
GEW-123	5/9/2019 10:01:08 AM	30.0	59.6	0.0	10.4	104.0	104.0	7.13	7.13	-7.14	-7.14	-19.95
GEW-123	5/23/2019 2:24:25 PM	29.9	57.9	0.0	12.2	104.8	105.0	3.82	9.55	-4.90	-5.19	-19.58
GEW-124	5/9/2019 10:06:31 AM	36.8	30.6	7.8	24.8	68.2	68.1	4.65	3.72	-20.26	-20.26	-20.13
GEW-124	5/9/2019 10:07:37 AM	36.2	29.3	7.7	26.8	67.7	67.7	4.66	4.66	-20.20	-20.20	-20.07
GEW-124	5/20/2019 11:30:13 AM	20.8	17.7	13.0	48.5	75.3	75.3	4.48	2.44	-18.61	-18.61	-18.67
GEW-124	5/20/2019 11:31:17 AM	23.7	18.6	11.5	46.2	74.9	74.8	2.37	2.37	-16.72	-16.72	-19.83
GEW-125	5/9/2019 10:12:03 AM	23.1	54.4	0.2	22.3	77.1	77.1	18.59	17.34	-5.92	-5.92	-20.38
GEW-125	5/24/2019 2:20:50 PM	22.2	53.5	0.0	24.3	101.9	102.1	3.98	3.31	-6.37	-6.29	-19.75
GEW-126	5/9/2019 10:15:21 AM	28.2	48.9	2.0	20.9	67.0	66.9	18.95	18.95	-20.01	-20.01	-20.07
GEW-126	5/24/2019 2:13:08 PM	20.6	45.6	2.4	31.4	101.3	101.3	2.63	2.40	-18.78	-18.91	-20.04
GEW-127	5/3/2019 8:34:54 AM	6.2	51.0	2.9	39.9	113.5	113.5	3.60	3.60	-0.16	-0.16	-18.67
GEW-127	5/24/2019 2:04:35 PM	8.5	58.6	0.0	32.9	128.6	128.7	5.20	5.20	0.02	0.02	-15.86
GEW-127	5/24/2019 2:06:15 PM	6.8	60.0	0.0	33.2	152.9	153.3	4.11	6.66	-0.47	-0.45	-15.98
GEW-127	5/24/2019 2:07:29 PM	6.2	60.0	0.0	33.8	158.1	158.2	2.28	5.94	-0.41	-0.47	-15.64
GEW-128	5/3/2019 8:26:06 AM	11.8	36.6	7.0	44.6	112.5	112.2	2.58	3.90	-0.21	-0.21	-19.65
GEW-128	5/3/2019 8:26:58 AM	11.8	36.7	6.9	44.6	112.7	112.8	3.57	2.80	-0.21	-0.21	-20.13
GEW-128	5/17/2019 1:55:34 PM	19.6	45.1	3.4	31.9	130.3	130.6	3.27	3.14	-0.19	-0.19	-20.55
GEW-129	5/9/2019 11:31:46 AM	24.4	60.8	0.0	14.8	103.5	103.5	10.51	10.51	-3.30	-3.30	-17.93
GEW-129	5/24/2019 2:30:52 PM	22.8	56.5	0.0	20.7	133.8	133.8	10.22	11.26	-2.91	-2.90	-19.32
GEW-129	5/24/2019 2:31:56 PM	22.4	58.5	0.0	19.1	134.4	134.4	10.48	10.10	-2.90	-2.87	-19.11
GEW-130	5/9/2019 11:05:19 AM	20.3	49.0	0.1	30.6	168.1	168.1	10.45	10.45	-16.96	-16.96	-20.87
GEW-130	5/9/2019 11:06:35 AM	20.3	50.3	0.1	29.3	167.6	167.7	3.71	3.71	-16.90	-16.90	-20.07
GEW-130	5/20/2019 11:38:52 AM	18.8	48.4	0.2	32.6	165.7	165.7	10.50	9.55	-16.60	-16.60	-20.13
GEW-130	5/20/2019 11:39:45 AM	19.1	47.6	0.3	33.0	165.2	165.2	9.57	11.71	-16.35	-16.35	-19.71
GEW-131	5/9/2019 1:34:18 PM	44.5	43.4	0.0	12.1	128.3	128.6	2.21	5.00	-8.18	-8.18	-20.32
GEW-131	5/24/2019 2:16:14 PM	38.7	43.4	0.0	17.9	134.4	134.4	2.08	3.76	-7.43	-7.43	-19.28
GEW-131	5/24/2019 2:17:22 PM	39.7	43.6	0.0	16.7	135.0	134.7	4.16	10.09	-7.51	-7.47	-19.28
GEW-132	5/1/2019 9:44:40 AM	20.3	30.6	3.0	46.1	121.5	121.5	1.08	1.53	-0.91	-0.91	-19.15
GEW-132	5/1/2019 11:43:16 AM	20.2	32.5	2.7	44.6	121.6	120.6	1.87	2.17	-1.14	-1.14	-18.99
GEW-132	5/23/2019 2:29:05 PM	20.7	33.8	3.1	42.4	118.9	118.9	1.54	1.09	-0.67	-0.66	-19.15
GEW-133	5/6/2019 2:30:14 PM	23.2	48.5	0.0	28.3	159.8	159.8	29.52	25.46	-11.02	-11.14	-19.49
GEW-133	5/6/2019 2:31:38 PM	23.4	49.0	0.0	27.6	159.8	159.8	29.22	24.64	-11.23	-11.23	-20.51
GEW-133	5/20/2019 9:45:27 AM	21.3	47.9	0.0	30.8	128.3	128.3	25.85	25.85	-13.67	-13.67	-17.99

May 2019 Wellfield Monitoring Data - Bridgeton Landfill												
Well Name	Date Sampled	Methane	CO_2	O_2	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H_2O		
GEW-134	5/10/2019 2:16:08 PM	9.8	41.5	1.8	46.9	117.4	117.5	3.96	4.66	-0.58	-0.58	-18.97
GEW-134	5/31/2019 1:42:36 PM	12.1	36.3	1.3	50.3	129.2	129.2	19.98	19.55	-3.16	-3.15	-20.08
GEW-135	5/10/2019 2:20:18 PM	3.6	53.7	0.4	42.3	133.3	133.5	25.36	25.36	-1.22	-1.22	-19.52
GEW-135	5/10/2019 2:21:38 PM	3.6	54.2	0.4	41.8	132.6	132.7	26.93	26.93	-1.32	-1.32	-20.93
GEW-135	5/20/2019 3:14:44 PM	5.0	53.5	0.4	41.1	139.6	139.7	24.06	24.06	-1.19	-1.19	-19.09
GEW-135	5/20/2019 3:15:33 PM	5.0	53.7	0.4	40.9	139.3	139.6	27.78	27.78	-1.46	-1.46	-19.09
GEW-137	5/10/2019 11:24:41 AM	46.4	41.4	0.1	12.1	69.1	69.1	2.61	2.61	-1.54	-1.54	-19.77
GEW-137	5/31/2019 1:38:39 PM	46.2	41.9	0.0	11.9	91.0	91.2	4.11	3.95	-1.64	-1.63	-18.90
GEW-138	5/1/2019 8:18:57 AM	4.1	13.2	11.7	71.0	84.1	84.2	5.31	3.84	-0.17	-0.17	-19.28
GEW-138	5/1/2019 11:14:39 AM	4.0	12.6	11.4	72.0	93.6	92.7	2.60	2.51	-0.24	-0.16	-17.25
GEW-138	5/16/2019 1:44:56 PM	4.7	50.8	0.0	44.5	101.1	101.1	3.18	1.12	0.09	0.09	-19.58
GEW-138	5/16/2019 1:46:36 PM	5.3	51.2	0.0	43.5	105.8	106.0	2.73	2.73	-0.16	-0.16	-19.92
GEW-139	5/9/2019 11:37:53 AM	9.2	56.0	0.0	34.8	179.2	179.2	26.66	26.66	-4.81	-4.81	-19.58
GEW-139	5/9/2019 11:38:43 AM	9.5	56.3	0.0	34.2	179.7	179.7	24.97	24.97	-4.69	-4.69	-19.22
GEW-139	5/20/2019 1:37:00 PM	10.1	51.8	0.0	38.1	178.3	178.6	20.92	20.92	-4.68	-4.68	-21.11
GEW-139	5/20/2019 1:37:51 PM	9.9	52.3	0.0	37.8	178.6	178.6	31.37	31.37	-5.61	-5.61	-20.56
GEW-140	5/3/2019 2:14:26 PM	7.2	47.8	0.1	44.9	188.4	188.6	2.38	2.38	-2.75	-2.75	-18.30
GEW-140	5/3/2019 2:15:24 PM	7.3	48.0	0.0	44.7	188.9	188.4	4.35	4.35	-2.72	-2.72	-20.56
GEW-140	5/17/2019 10:00:33 AM	8.8	47.3	0.0	43.9	184.0	184.5	6.45	5.99	-2.85	-2.81	-20.51
GEW-140	5/17/2019 10:01:34 AM	8.6	49.3	0.0	42.1	185.1	185.1	7.83	4.12	-2.86	-2.81	-19.75
GEW-144	5/3/2019 11:15:47 AM	15.5	57.4	0.1	27.0	70.4	70.4	8.00	8.16	-16.78	-16.78	-18.85
GEW-144	5/28/2019 11:14:36 AM	19.7	51.8	0.8	27.7	92.4	92.4	7.37	4.40	-15.20	-15.20	-18.22
GEW-145	5/3/2019 11:11:01 AM	18.7	43.1	4.6	33.6	70.7	70.7	12.00	10.68	-18.85	-18.85	-19.22
GEW-145	5/28/2019 1:40:56 PM	21.3	41.0	3.8	33.9	97.2	97.0	6.10	4.70	-19.29	-19.59	-19.41
GEW-147	5/10/2019 10:29:38 AM	10.4	44.6	0.6	44.4	171.6	171.6	46.36	47.79	-12.08	-12.08	-20.87
GEW-147	5/10/2019 10:30:26 AM	10.2	44.4	0.6	44.8	172.1	172.1	47.57	47.84	-12.14	-12.14	-20.99
GEW-147	5/21/2019 2:42:28 PM	12.4	44.1	0.0	43.5	173.1	173.1	48.07	48.07	-10.86	-10.86	-19.40
GEW-147	5/21/2019 2:43:21 PM	12.2	44.5	0.0	43.3	173.1	173.1	48.01	48.01	-10.86	-10.86	-19.22
GEW-148	5/10/2019 10:40:42 AM	13.8	55.9	0.1	30.2	174.2	173.7	17.01	17.01	-7.50	-7.50	-20.44
GEW-148	5/10/2019 10:41:32 AM	13.7	56.0	0.1	30.2	174.2	174.2	4.43	4.43	-7.14	-7.14	-20.38
GEW-148	5/21/2019 3:25:24 PM	2.8	57.1	0.0	40.1	170.0	169.5	13.04	13.04	-6.22	-6.22	-17.69
GEW-148	5/21/2019 3:26:16 PM	2.9	58.7	0.0	38.4	170.2	170.5	18.19	16.84	-6.53	-6.53	-19.22
GEW-149	5/1/2019 10:21:16 AM	8.9	37.4	0.4	53.3	86.3	86.1	3.84	3.87	-0.06	-0.06	-17.25
GEW-149	5/31/2019 2:11:17 PM	8.9	34.5	0.2	56.4	102.5	103.3	1.50	2.18	-0.04	-0.06	-8.88
GEW-150	5/3/2019 10:21:37 AM	27.9	48.6	0.7	22.8	185.7	185.7	5.75	5.75	-1.15	-1.15	-19.46
GEW-150	5/3/2019 10:22:34 AM	27.7	49.3	0.7	22.3	185.2	185.7	3.97	4.95	-1.15	-1.15	-19.22
GEW-150	5/17/2019 9:23:42 AM	25.3	48.8	1.2	24.7	172.5	172.6	6.74	6.89	-1.14	-1.17	-20.51
GEW-150	5/17/2019 9:25:05 AM	25.5	48.2	1.2	25.1	173.6	173.6	3.71	5.87	-1.13	-1.16	-21.10
GEW-151	5/10/2019 9:42:49 AM	8.2	40.7	3.3	47.8	75.5	75.3	3.70	3.70	-0.07	-0.07	-18.79
GEW-151	5/31/2019 2:08:13 PM	8.6	48.5	0.8	42.1	94.1	94.1	3.77	1.14	-0.11	-0.09	-18.69

May 2019 Wellfield Monitoring Data - Bridgeton Landfill												
Well Name	Date Sampled	Methane	CO_2	O_2	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H_2O		
GEW-152	5/3/2019 9:32:20 AM	14.1	51.8	0.0	34.1	101.6	101.4	2.66	2.66	-1.89	-1.89	-19.28
GEW-152	5/28/2019 2:35:48 PM	15.7	53.1	0.0	31.2	144.2	144.2	3.29	2.94	-1.80	-1.79	-19.87
GEW-152	5/28/2019 2:36:55 PM	15.5	54.0	0.0	30.5	144.2	144.1	4.76	2.32	-1.78	-1.78	-18.69
GEW-153	5/13/2019 10:11:52 AM	40.0	32.1	0.0	27.9	77.1	77.1	5.63	5.63	-3.16	-3.16	-18.30
GEW-153	5/31/2019 11:43:03 AM	43.7	34.8	0.0	21.5	94.3	94.6	2.99	2.99	-3.05	-3.05	-19.11
GEW-155	5/1/2019 9:15:56 AM	0.2	4.1	17.7	78.0	87.3	87.2	3.05	3.05	-0.08	-0.08	-19.28
GEW-155	5/1/2019 11:28:15 AM	0.3	4.6	16.7	78.4	91.5	90.8	3.43	3.02	-0.08	-0.09	-18.27
GEW-155	5/16/2019 1:50:38 PM	0.5	11.5	12.6	75.4	105.0	105.0	3.53	5.35	-0.06	-0.05	-19.62
GEW-155	5/16/2019 1:51:42 PM	0.4	9.7	12.8	77.1	105.0	105.0	2.50	3.70	-0.06	-0.06	-19.62
GEW-156	5/2/2019 2:17:30 PM	42.6	47.9	0.0	9.5	70.2	70.2	2.29	1.62	-14.82	-14.82	-19.58
GEW-156	5/31/2019 11:46:35 AM	37.2	44.3	0.0	18.5	97.2	97.2	5.93	3.30	-10.93	-10.93	-19.53
GEW-157	5/3/2019 10:31:35 AM	20.6	48.6	0.4	30.4	97.4	97.7	2.43	2.43	-2.84	-2.84	-19.28
GEW-157	5/28/2019 2:02:16 PM	25.6	44.4	0.5	29.5	126.4	126.4	2.13	1.84	-4.19	-4.19	-18.90
GEW-158	5/3/2019 9:53:21 AM	17.0	51.4	0.0	31.6	80.0	80.1	4.13	4.13	-0.50	-0.50	-19.46
GEW-158	5/28/2019 2:14:10 PM	16.1	52.7	0.0	31.2	113.0	113.2	3.11	7.21	-0.55	-0.55	-20.30
GEW-159	5/2/2019 1:45:02 PM	43.7	41.9	0.0	14.4	65.8	65.8	2.71	2.96	-2.91	-2.91	-20.20
GEW-159	5/8/2019 11:28:28 AM	48.9	40.9	0.0	10.2	88.9	88.8	10.74	10.23	-1.87	-1.87	-15.97
GEW-159	5/8/2019 11:34:37 AM	51.1	41.3	0.0	7.6	89.3	89.3	8.05	8.05	-1.90	-1.90	-16.40
GEW-159	5/15/2019 10:25:12 AM	45.1	43.8	0.0	11.1	95.8	96.0	3.77	3.21	-2.39	-2.38	-16.60
GEW-159	5/24/2019 8:26:39 AM	42.5	52.5	0.0	5.0	87.3	87.3	2.82	2.82	-2.70	-2.67	-19.55
GEW-159	5/31/2019 11:23:56 AM	48.2	44.0	0.0	7.8	98.9	98.9	2.96	4.04	-2.92	-2.89	-19.49
GEW-160	5/2/2019 9:31:48 AM	8.5	44.7	3.8	43.0	70.2	70.2	9.32	8.87	-0.27	-0.27	-0.06
GEW-160	5/2/2019 10:00:15 AM	9.3	47.6	1.1	42.0	71.6	71.6	10.78	10.78	-4.27	-4.27	-19.09
GEW-160	5/8/2019 10:55:30 AM	11.8	46.8	0.8	40.6	88.4	88.5	5.47	5.47	-2.11	-2.11	-7.34
GEW-160	5/8/2019 2:38:17 PM	8.7	48.3	0.7	42.3	93.1	93.0	13.62	13.62	-1.62	-1.62	-5.88
GEW-160	5/8/2019 2:45:32 PM	9.0	46.7	0.8	43.5	89.0	88.9	13.44	13.44	-1.65	-1.65	-7.16
GEW-160	5/15/2019 11:01:48 AM	7.9	56.8	0.7	34.6	96.5	96.7	10.09	11.11	-1.82	-1.82	-4.13
GEW-160	5/24/2019 8:22:50 AM	13.3	52.8	0.0	33.9	87.1	87.2	2.72	5.43	-5.75	-5.75	-17.86
GEW-160	5/31/2019 8:57:54 AM	14.4	36.4	1.0	48.2	94.9	95.4	11.03	13.63	-6.05	-6.22	-16.72
GEW-161	5/2/2019 10:04:59 AM	3.4	56.4	0.0	40.2	74.5	74.5	3.67	3.67	-4.01	-4.01	-20.38
GEW-161	5/8/2019 10:45:37 AM	2.8	58.5	0.0	38.7	91.0	91.0	3.25	3.25	-1.19	-1.19	-7.65
GEW-161	5/8/2019 10:52:33 AM	3.2	55.8	0.0	41.0	91.1	91.1	3.45	3.45	-1.02	-1.02	-5.88
GEW-161	5/15/2019 11:03:51 AM	1.9	65.1	0.0	33.0	106.1	106.2	2.50	4.18	-0.93	-0.92	-4.93
GEW-161	5/24/2019 8:20:13 AM	4.5	60.1	0.0	35.4	87.9	87.9	5.24	8.56	-5.16	-5.16	-17.86
GEW-161	5/31/2019 8:59:56 AM	4.8	56.0	0.0	39.2	96.0	96.3	5.04	6.77	-4.91	-4.86	-17.23
GEW-162	5/1/2019 10:17:51 AM	12.6	61.8	0.0	25.6	106.3	106.2	5.05	8.10	-3.87	-3.94	-18.69
GEW-162	5/8/2019 10:32:47 AM	10.3	57.0	0.0	32.7	109.0	108.9	7.41	7.41	-4.33	-4.33	-19.28
GEW-162	5/8/2019 10:39:49 AM	10.3	57.0	0.0	32.7	106.2	106.2	5.44	5.44	-4.28	-4.28	-19.09
GEW-162	5/15/2019 10:57:37 AM	9.8	63.0	0.0	27.2	123.7	123.7	6.46	3.57	-3.97	-3.86	-18.96
GEW-162	5/24/2019 8:15:50 AM	11.1	59.5	0.0	29.4	102.7	102.8	9.97	6.10	-4.74	-4.92	-17.73

May 2019 Wellfield Monitoring Data - Bridgeton Landfill												
Well Name	Date Sampled	Methane	CO_2	O_2	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H_2O		
GEW-162	5/31/2019 9:10:20 AM	9.6	56.1	0.1	34.2	118.1	120.3	7.69	7.80	-3.84	-3.85	-22.24
GEW-163	5/9/2019 9:42:22 AM	25.8	52.9	0.6	20.7	170.0	170.0	15.84	15.84	-7.26	-7.26	-20.13
GEW-163	5/9/2019 9:43:11 AM	25.8	53.6	0.6	20.0	170.0	170.0	16.85	7.28	-7.26	-7.26	-20.20
GEW-163	5/20/2019 1:44:56 PM	19.9	49.4	0.4	30.3	164.3	164.5	10.29	3.78	-4.06	-4.06	-19.34
GEW-163	5/20/2019 1:45:44 PM	20.3	49.2	0.3	30.2	164.3	164.3	12.77	12.77	-4.06	-4.06	-19.71
GEW-164	5/9/2019 9:37:52 AM	42.8	56.8	0.0	0.4	134.1	134.4	14.37	14.37	-3.30	-3.30	-20.32
GEW-164	5/9/2019 9:38:41 AM	42.8	56.9	0.0	0.3	134.3	134.1	16.00	11.08	-3.30	-3.30	-20.38
GEW-164	5/21/2019 3:06:35 PM	39.0	55.6	0.0	5.4	132.6	132.6	6.04	6.04	-0.85	-0.85	-18.79
GEW-164	5/21/2019 3:07:25 PM	39.4	55.7	0.0	4.9	132.3	132.3	10.97	10.97	-0.89	-0.89	-18.73
GEW-165	5/9/2019 10:55:35 AM	19.1	56.9	1.1	22.9	164.7	164.7	34.98	29.78	-0.50	-0.50	-20.56
GEW-165	5/9/2019 10:57:08 AM	19.2	58.3	1.1	21.4	164.6	164.9	13.98	13.98	-0.32	-0.32	-20.38
GEW-165	5/20/2019 1:49:59 PM	11.8	41.1	6.4	40.7	146.5	146.3	10.08	10.08	-0.93	-0.93	-19.77
GEW-165	5/20/2019 1:50:48 PM	11.8	40.4	6.3	41.5	146.6	146.3	10.37	10.37	-0.93	-0.93	-20.13
GEW-165	5/28/2019 8:55:51 AM	15.9	56.1	1.3	26.7	164.5	164.3	15.16	27.86	-0.24	-0.23	-19.15
GEW-165	5/28/2019 10:39:36 AM	16.4	58.0	0.8	24.8	164.8	165.2	12.50	13.06	-0.13	-0.15	-18.73
GEW-166	5/9/2019 9:32:06 AM	1.4	56.9	0.0	41.7	175.8	175.8	14.17	14.17	-11.84	-11.84	-20.13
GEW-166	5/9/2019 9:32:58 AM	1.4	56.9	0.0	41.7	175.8	175.8	10.69	4.07	-11.71	-11.71	-20.50
GEW-166	5/20/2019 1:55:10 PM	0.8	54.4	0.0	44.8	178.6	178.6	20.58	20.58	-9.70	-9.70	-19.65
GEW-166	5/20/2019 1:56:15 PM	0.8	55.6	0.0	43.6	179.2	179.2	6.48	6.48	-8.79	-8.79	-19.77
GEW-167	5/9/2019 9:26:30 AM	5.0	51.8	0.0	43.2	159.8	159.8	2.59	2.59	-6.10	-6.10	-20.32
GEW-167	5/9/2019 9:27:25 AM	5.0	51.6	0.0	43.4	160.2	159.8	2.55	2.55	-6.10	-6.10	-20.32
GEW-167	5/20/2019 2:00:14 PM	4.7	52.0	0.0	43.3	161.6	161.6	2.57	2.57	-5.74	-5.74	-19.77
GEW-167	5/20/2019 2:01:44 PM	4.8	51.9	0.0	43.3	162.0	161.6	4.88	3.70	-5.55	-5.55	-19.52
GEW-168	5/9/2019 9:20:57 AM	33.0	53.7	0.6	12.7	144.9	144.9	12.93	12.93	-5.19	-5.19	-20.32
GEW-168	5/9/2019 9:21:47 AM	33.3	53.5	0.6	12.6	144.9	144.5	7.63	10.33	-4.98	-4.98	-20.32
GEW-168	5/20/2019 2:06:17 PM	28.5	46.5	0.9	24.1	141.3	141.2	7.65	7.65	-4.36	-4.36	-19.16
GEW-168	5/20/2019 2:07:00 PM	28.9	48.0	1.0	22.1	141.5	141.5	1.75	1.75	-4.36	-4.36	-19.65
GEW-169	5/8/2019 8:16:39 AM	10.7	46.0	2.6	40.7	137.7	137.4	9.70	4.41	-0.23	-0.23	-20.04
GEW-169	5/8/2019 8:17:46 AM	10.4	46.4	2.5	40.7	137.4	137.4	10.02	9.70	-0.21	-0.22	-19.41
GEW-169	5/20/2019 10:23:24 AM	5.7	44.0	3.1	47.2	143.9	143.9	8.14	8.14	-0.19	-0.19	-20.26
GEW-169	5/20/2019 10:24:15 AM	5.7	43.9	3.1	47.3	143.5	143.9	2.01	2.01	-0.13	-0.13	-20.62
GEW-170	5/9/2019 8:19:01 AM	13.2	48.0	2.6	36.2	154.1	155.0	19.17	12.63	-0.67	-0.65	-19.49
GEW-170	5/9/2019 8:20:18 AM	13.0	50.0	2.6	34.4	154.8	154.8	10.88	10.88	-0.72	-0.72	-20.51
GEW-170	5/20/2019 2:10:57 PM	12.2	48.2	2.2	37.4	158.1	158.5	10.19	10.19	-0.66	-0.66	-19.58
GEW-170	5/20/2019 2:11:43 PM	12.3	48.9	2.2	36.6	157.3	157.3	12.07	5.72	-0.67	-0.67	-19.09
GEW-171	5/3/2019 1:24:38 PM	6.3	54.0	1.8	37.9	71.6	71.6	3.05	3.26	-14.03	-14.03	-17.50
GEW-171	5/31/2019 1:33:31 PM	7.4	59.6	0.0	33.0	99.2	99.2	1.57	3.33	-6.75	-6.75	-18.65
GEW-172	5/3/2019 1:28:15 PM	10.5	52.1	1.1	36.3	181.5	181.5	4.65	7.70	-4.80	-4.80	-16.10
GEW-172	5/3/2019 1:29:26 PM	10.7	52.6	1.1	35.6	181.5	181.5	10.12	9.58	-4.81	-4.81	-15.91
GEW-172	5/17/2019 10:04:27 AM	12.4	52.8	0.3	34.5	182.1	182.1	11.75	12.19	-4.85	-4.90	-18.05

May 2019 Wellfield Monitoring Data - Bridgeton Landfill												
Well Name	Date Sampled	Methane	CO_2	O_2	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H_2O		
GEW-172	5/17/2019 10:05:36 AM	12.8	52.7	0.2	34.3	182.2	182.2	14.40	17.26	-4.56	-4.56	-17.97
GEW-174	5/3/2019 2:20:11 PM	11.7	35.5	0.3	52.5	142.5	141.9	30.61	30.61	-5.80	-5.80	-18.48
GEW-174	5/3/2019 2:21:04 PM	11.9	35.1	0.3	52.7	142.7	142.2	39.51	39.51	-6.10	-6.10	-18.18
GEW-174	5/17/2019 9:55:20 AM	13.3	35.5	0.0	51.2	141.6	141.5	44.07	44.35	-5.49	-5.45	-17.93
GEW-174	5/17/2019 9:56:32 AM	14.1	34.8	0.0	51.1	141.9	141.9	43.94	43.88	-5.19	-5.19	-18.94
GEW-175	5/3/2019 10:03:32 AM	27.4	44.7	1.4	26.5	144.9	144.9	26.65	26.65	-0.16	-0.16	-19.22
GEW-175	5/3/2019 10:05:36 AM	27.2	46.3	1.4	25.1	144.5	144.9	34.50	13.52	-0.14	-0.14	-18.97
GEW-175	5/17/2019 12:40:52 PM	35.9	50.6	0.2	13.3	154.0	153.9	30.36	32.90	-0.12	-0.15	-17.93
GEW-175	5/17/2019 12:42:00 PM	36.5	50.6	0.2	12.7	154.4	154.4	43.66	48.92	-0.13	-0.14	-17.63
GEW-176	5/3/2019 10:00:00 AM	35.1	42.7	2.6	19.6	65.4	65.4	5.59	5.59	-0.08	-0.08	-19.22
GEW-176	5/28/2019 2:06:46 PM	37.4	47.6	0.0	15.0	100.8	100.8	8.78	6.36	-0.16	-0.20	-20.42
GEW-177	5/9/2019 11:26:13 AM	13.2	59.1	0.2	27.5	181.5	181.5	50.59	58.63	-17.02	-17.02	-20.01
GEW-177	5/9/2019 11:27:36 AM	13.2	60.7	0.2	25.9	182.1	182.1	30.81	30.40	-16.90	-16.90	-20.50
GEW-177	5/20/2019 2:15:28 PM	12.5	58.4	0.0	29.1	185.1	185.1	2.75	2.75	-15.68	-15.68	-19.40
GEW-177	5/20/2019 2:16:19 PM	12.7	58.7	0.0	28.6	185.1	184.7	24.17	24.17	-15.31	-15.31	-18.91
GEW-178	5/3/2019 1:35:53 PM	25.3	47.2	4.5	23.0	85.1	85.2	6.27	5.21	-0.06	-0.06	-19.16
GEW-178	5/31/2019 1:26:48 PM	14.2	26.9	11.3	47.6	94.4	94.4	6.53	4.26	-0.08	-0.08	-20.00
GEW-178	5/31/2019 1:27:56 PM	14.2	27.5	11.3	47.0	94.3	94.3	5.57	7.10	-0.09	-0.09	-20.13
GEW-179	5/3/2019 1:40:29 PM	25.8	63.4	0.0	10.8	94.7	94.7	5.11	5.11	-0.56	-0.56	-19.03
GEW-179	5/28/2019 11:30:39 AM	27.0	61.6	0.0	11.4	112.3	112.5	8.31	5.93	-0.46	-0.47	-18.44
GEW-180	5/3/2019 1:44:17 PM	26.1	62.0	0.1	11.8	81.0	81.0	2.28	4.27	-10.92	-10.92	-18.97
GEW-180	5/28/2019 11:27:01 AM	30.7	58.3	0.1	10.9	103.0	103.0	5.54	6.64	-4.77	-4.75	-18.82
GEW-181	5/3/2019 1:49:19 PM	31.2	53.1	1.7	14.0	68.1	68.1	3.81	3.81	-18.55	-18.55	-18.54
GEW-181	5/28/2019 11:11:06 AM	28.6	62.1	0.0	9.3	113.2	113.1	12.43	12.75	-9.79	-9.79	-20.13
GEW-182	5/6/2019 9:41:33 AM	5.5	22.2	11.1	61.2	90.1	90.1	7.72	0.72	-0.23	-0.19	-19.37
GEW-182	5/6/2019 10:23:48 AM	7.5	26.3	8.4	57.8	110.2	110.0	18.03	15.22	-1.21	-1.22	-19.37
GEW-182	5/6/2019 10:27:47 AM	7.4	27.1	8.4	57.1	102.1	101.8	1.97	1.99	-0.17	-0.17	-19.28
GEW-182	5/15/2019 9:13:38 AM	17.5	57.0	1.2	24.3	91.8	92.0	5.11	3.96	-0.02	-0.02	-20.00
GEW-182	5/15/2019 9:14:58 AM	16.1	59.9	1.1	22.9	97.4	NR	5.18	NR	-0.17	NR	-19.75
GEW-182	5/20/2019 9:52:11 AM	9.3	35.0	7.7	48.0	109.5	109.5	10.47	10.47	-0.28	-0.28	-20.99
GEW-182	5/20/2019 9:53:07 AM	9.4	33.9	7.7	49.0	110.2	110.0	3.91	2.87	-0.38	-0.38	-21.73
GEW-184	5/6/2019 2:36:08 PM	23.8	36.5	5.4	34.3	87.2	87.3	2.00	5.40	-0.21	-0.22	-20.80
GEW-184	5/6/2019 2:55:54 PM	26.4	38.8	3.9	30.9	89.6	89.6	38.49	42.02	-0.92	-0.94	-20.76
GEW-184	5/6/2019 2:58:18 PM	26.0	38.2	4.0	31.8	88.8	88.7	7.96	7.96	-0.25	-0.25	-20.80
GEW-184	5/23/2019 2:11:55 PM	26.9	35.9	4.6	32.6	90.3	90.3	19.47	15.75	-0.24	-0.25	-20.04
GEW-185	5/10/2019 1:46:35 PM	32.7	56.8	0.0	10.5	116.3	116.3	5.04	3.48	-0.44	-0.44	-20.07
GEW-185	5/23/2019 2:20:52 PM	33.9	58.0	0.0	8.1	126.1	126.1	3.56	5.98	-0.74	-0.73	-19.62
GEW-186	5/3/2019 3:17:29 PM	23.8	36.1	6.7	33.4	103.0	103.0	1.12	3.88	-0.13	-0.14	-19.58
GEW-186	5/3/2019 3:18:32 PM	23.9	35.7	6.7	33.7	101.8	101.8	2.24	2.75	-0.18	-0.18	-19.75
GEW-186	5/6/2019 9:08:23 AM	25.5	36.6	5.6	32.3	98.4	98.4	0.71	1.75	-0.12	-0.12	-19.58

May 2019 Wellfield Monitoring Data - Bridgeton Landfill												
Well Name	Date Sampled	Methane	CO_2	O_2	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H_2O		
GEW-186	5/6/2019 9:09:51 AM	25.1	37.4	5.6	31.9	98.4	98.4	4.13	1.34	-0.12	-0.12	-19.32
GEW-186	5/6/2019 11:47:30 AM	27.4	41.4	3.8	27.4	108.7	108.7	3.21	3.02	-0.10	-0.09	-16.28
GEW-186	5/13/2019 11:21:52 AM	29.6	47.8	0.5	22.1	91.7	91.7	4.28	3.23	-0.06	-0.05	-19.11
GEW-186	5/13/2019 11:23:20 AM	29.3	48.4	0.4	21.9	96.5	96.7	3.76	6.70	-0.28	-0.29	-19.49
GEW-186	5/17/2019 1:53:04 PM	30.7	47.9	1.1	20.3	121.8	121.8	6.91	7.40	-0.20	-0.20	-20.97
GEW-187	5/2/2019 1:57:07 PM	33.0	53.7	0.0	13.3	135.3	135.3	3.21	10.79	-1.48	-1.48	-20.69
GEW-187	5/2/2019 1:58:05 PM	33.2	54.0	0.0	12.8	136.1	135.9	4.76	4.39	-1.47	-1.47	-20.44
GEW-187	5/8/2019 1:41:59 PM	32.3	52.1	0.0	15.6	139.6	139.6	2.33	2.33	-1.12	-1.12	-18.12
GEW-187	5/8/2019 1:48:18 PM	32.4	52.4	0.1	15.1	140.6	140.6	2.55	2.55	-1.13	-1.13	-17.87
GEW-187	5/15/2019 10:33:14 AM	32.6	57.6	0.0	9.8	142.9	142.5	5.14	6.03	-1.19	-1.20	-16.72
GEW-187	5/15/2019 10:35:23 AM	32.6	59.0	0.0	8.4	142.5	142.8	5.36	3.48	-1.23	-1.20	-16.55
GEW-187	5/24/2019 8:33:40 AM	33.3	59.4	0.0	7.3	141.0	141.2	4.82	4.70	-1.47	-1.45	-20.05
GEW-187	5/24/2019 8:35:20 AM	32.9	60.2	0.0	6.9	141.9	141.5	4.58	3.49	-1.46	-1.45	-20.39
GEW-187	5/31/2019 11:16:33 AM	39.1	52.1	0.1	8.7	132.6	132.3	10.17	7.72	-1.49	-1.48	-19.49
GEW-187	5/31/2019 11:17:51 AM	39.2	53.8	0.0	7.0	133.3	133.5	7.71	8.27	-1.49	-1.50	-20.25
GEW-188	5/10/2019 1:52:39 PM	7.7	22.1	9.5	60.7	109.0	108.7	3.86	3.70	-0.55	-0.55	-20.13
GEW-188	5/10/2019 1:53:57 PM	8.2	21.9	9.5	60.4	109.6	109.7	2.49	3.34	-0.55	-0.55	-20.32
GEW-188	5/21/2019 2:48:28 PM	12.4	31.8	5.7	50.1	111.0	111.0	2.57	2.32	-0.32	-0.32	-19.09
GEW-188	5/21/2019 2:49:20 PM	12.5	31.4	5.7	50.4	110.8	111.0	3.74	4.06	-0.32	-0.32	-19.09
GEW-217	5/3/2019 10:45:29 AM	7.2	56.8	0.0	36.0	124.2	124.2	5.59	5.59	0.38	0.38	-19.22
GEW-217	5/3/2019 10:48:11 AM	6.7	57.1	0.8	35.4	128.7	128.6	6.95	7.12	-3.99	-3.99	-19.22
GEW-217	5/28/2019 1:48:49 PM	12.0	54.3	0.0	33.7	136.5	136.5	15.04	9.90	-13.85	-13.85	-19.11
GEW-217	5/28/2019 1:49:59 PM	11.3	55.9	0.0	32.8	136.5	136.6	13.63	16.50	-13.85	-13.85	-18.90
GEW-218	5/3/2019 10:53:28 AM	19.6	44.9	0.7	34.8	141.9	141.5	13.00	13.00	-0.84	-0.84	-19.58
GEW-218	5/3/2019 10:54:22 AM	19.4	45.1	0.7	34.8	141.7	141.6	10.44	7.84	-0.84	-0.84	-20.20
GEW-218	5/17/2019 9:39:13 AM	20.3	47.6	0.3	31.8	140.6	140.6	10.10	9.19	-0.94	-0.93	-19.53
GEW-218	5/17/2019 9:40:25 AM	20.8	46.2	0.3	32.7	141.2	141.2	9.98	10.47	-0.94	-0.93	-21.95
GEW-219	5/3/2019 10:59:15 AM	6.2	32.0	1.9	59.9	167.6	167.6	0.78	3.13	-0.14	-0.14	-19.40
GEW-219	5/3/2019 11:00:05 AM	6.2	31.9	1.9	60.0	168.1	168.1	1.86	4.47	-0.14	-0.14	-19.22
GEW-219	5/17/2019 9:44:41 AM	9.3	32.0	2.3	56.4	163.3	163.3	4.41	6.15	-0.12	-0.14	-21.61
GEW-220	5/3/2019 11:04:25 AM	4.8	41.0	4.9	49.3	200.0	199.5	18.97	18.97	-4.50	-4.50	-19.95
GEW-220	5/3/2019 11:05:20 AM	4.8	42.1	4.9	48.2	199.7	199.4	16.10	16.10	-4.74	-4.74	-19.46
GEW-220	5/17/2019 12:35:03 PM	11.3	51.2	1.6	35.9	191.8	192.2	20.28	22.54	-3.42	-3.24	-19.66
GEW-220	5/17/2019 12:36:38 PM	10.9	53.2	1.7	34.2	192.3	191.7	16.71	16.99	-2.10	-2.09	-19.07
GEW-221	5/3/2019 1:52:58 PM	15.7	52.3	0.6	31.4	81.4	81.3	3.23	3.96	-10.74	-10.74	-18.67
GEW-221	5/29/2019 9:30:23 AM	14.0	43.9	1.6	40.5	119.7	119.9	6.83	7.51	-17.18	-17.18	-17.46
GEW-222	5/3/2019 8:44:27 AM	28.2	46.9	0.0	24.9	85.4	85.4	8.53	8.53	-13.48	-13.48	-20.87
GEW-222	5/28/2019 10:54:27 AM	28.1	43.8	0.0	28.1	103.3	103.3	13.85	9.89	-12.49	-12.49	-19.32
GEW-223	5/3/2019 8:48:42 AM	20.3	56.4	0.0	23.3	156.9	156.9	3.59	3.59	-4.24	-4.24	-11.87
GEW-223	5/3/2019 8:49:34 AM	20.2	57.1	0.0	22.7	156.9	157.3	3.59	9.73	-4.24	-4.24	-11.26

May 2019 Wellfield Monitoring Data - Bridgeton Landfill												
Well Name	Date Sampled	Methane	CO_2	O_2	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H_2O		
GEW-223	5/17/2019 10:08:43 AM	23.0	59.5	0.0	17.5	157.3	157.1	10.09	10.09	-4.85	-4.85	-18.22
GEW-223	5/17/2019 10:09:53 AM	23.8	59.2	0.0	17.0	157.3	157.3	9.74	11.74	-4.52	-4.52	-16.24
GEW-224	5/3/2019 2:00:24 PM	25.4	61.1	0.1	13.4	129.2	130.0	3.13	3.13	-13.18	-13.18	-18.42
GEW-224	5/28/2019 10:47:57 AM	8.6	62.3	0.0	29.1	180.7	180.9	15.29	14.26	-2.21	-2.13	-19.20
GEW-224	5/28/2019 10:49:28 AM	8.7	62.6	0.0	28.7	180.9	178.0	6.35	5.37	-1.70	-1.71	-19.15
GEW-225	5/3/2019 8:54:31 AM	3.7	59.7	0.0	36.6	188.3	188.3	9.40	9.40	-3.04	-3.04	-20.26
GEW-225	5/3/2019 8:57:34 AM	3.6	60.2	0.0	36.2	188.3	188.3	10.08	10.08	-2.76	-2.76	-20.32
GEW-225	5/17/2019 10:14:33 AM	6.9	61.1	0.0	32.0	179.4	179.5	8.60	10.69	-2.74	-2.77	-20.42
GEW-225	5/17/2019 10:15:45 AM	7.5	61.0	0.0	31.5	179.7	179.7	7.83	10.08	-2.75	-2.79	-20.51
GEW-226	5/3/2019 2:08:16 PM	4.3	41.5	0.1	54.1	180.3	180.3	6.48	6.55	-1.47	-1.47	-20.44
GEW-226	5/3/2019 2:09:33 PM	4.2	41.7	0.0	54.1	179.9	179.7	5.85	7.85	-1.42	-1.42	-18.30
GEW-226	5/17/2019 1:31:15 PM	7.8	40.3	0.0	51.9	177.5	177.5	8.68	9.38	-1.65	-1.65	-19.07
GEW-226	5/17/2019 1:32:26 PM	7.7	40.7	0.0	51.6	178.0	178.0	8.16	8.56	-1.63	-1.63	-18.77
GEW-227	5/6/2019 1:50:58 PM	4.8	32.4	4.0	58.8	182.1	182.7	15.15	15.15	-1.00	-1.00	-21.31
GEW-227	5/6/2019 2:14:19 PM	4.9	32.7	3.9	58.5	180.9	180.9	23.72	23.32	-2.32	-2.35	-20.89
GEW-227	5/6/2019 2:17:21 PM	4.8	35.1	3.4	56.7	182.2	182.7	14.47	13.33	-0.80	-0.79	-21.44
GEW-227	5/20/2019 9:57:29 AM	5.8	28.2	5.2	60.8	154.8	154.8	14.80	12.13	-1.92	-1.92	-21.24
GEW-227	5/20/2019 9:58:29 AM	5.9	27.3	5.1	61.7	154.8	154.8	14.62	14.44	-1.88	-1.88	-20.69
GEW-227	5/24/2019 1:42:47 PM	5.3	33.8	2.0	58.9	181.5	181.5	15.71	17.88	-1.24	-1.24	-20.42
GEW-227	5/24/2019 1:43:52 PM	4.7	35.7	2.0	57.6	182.3	182.3	18.10	18.10	-1.25	-1.25	-19.83
GEW-228	5/10/2019 11:28:54 AM	1.2	10.6	14.2	74.0	166.2	166.1	9.29	9.29	-0.68	-0.68	-19.09
GEW-228	5/10/2019 11:29:51 AM	1.2	10.0	14.3	74.5	166.4	166.2	17.28	17.28	-0.36	-0.36	-19.95
GEW-228	5/21/2019 2:54:59 PM	1.4	13.6	10.7	74.3	168.5	168.5	10.46	10.46	-0.87	-0.87	-17.14
GEW-228	5/21/2019 2:55:51 PM	1.5	12.9	10.7	74.9	168.5	168.5	1.30	1.30	-0.70	-0.70	-17.14
GEW-228	5/29/2019 9:03:33 AM	6.5	48.2	0.0	45.3	187.5	187.6	4.77	5.06	0.05	0.05	-19.15
GEW-228	5/29/2019 9:07:22 AM	7.2	48.3	0.0	44.5	190.8	190.9	10.39	11.55	-0.05	-0.04	-18.99
GEW-229	5/10/2019 11:36:40 AM	0.7	6.2	14.5	78.6	97.3	97.2	15.79	15.79	-0.17	-0.17	-20.07
GEW-229	5/10/2019 11:37:43 AM	0.7	6.1	14.5	78.7	97.2	97.2	13.30	13.30	-0.16	-0.16	-20.50
GEW-229	5/21/2019 2:59:58 PM	1.6	9.3	11.2	77.9	96.7	96.7	15.93	15.93	-0.22	-0.22	-18.79
GEW-229	5/21/2019 3:00:51 PM	1.7	9.0	11.2	78.1	96.7	96.7	16.41	17.23	-0.20	-0.20	-18.97
GEW-229	5/30/2019 9:07:34 AM	2.1	10.3	12.2	75.4	104.3	104.5	8.80	8.80	-0.02	-0.02	-19.28
GEW-229	5/30/2019 9:09:08 AM	1.9	9.8	12.3	76.0	105.0	105.2	10.45	10.38	-0.02	-0.02	-19.15
GEW-230	5/6/2019 10:51:05 AM	3.1	29.0	3.7	64.2	169.7	170.0	12.55	14.62	-0.62	-0.58	-19.58
GEW-230	5/6/2019 10:54:11 AM	2.8	26.4	4.9	65.9	170.2	169.6	30.72	32.25	-1.09	-1.10	-20.42
GEW-230	5/6/2019 10:57:00 AM	3.0	26.4	4.4	66.2	169.5	169.8	18.87	17.51	-0.40	-0.40	-19.96
GEW-230	5/7/2019 2:52:37 PM	8.8	35.2	2.0	54.0	162.4	162.4	18.54	18.80	-0.97	-0.96	-21.78
GEW-230	5/7/2019 2:53:42 PM	8.8	35.0	2.0	54.2	162.6	162.4	18.00	18.11	-0.94	-0.95	-21.06
GEW-230	5/20/2019 10:13:48 AM	3.1	25.7	3.6	67.6	157.3	157.3	13.59	13.59	-0.86	-0.86	-19.83
GEW-230	5/20/2019 10:14:45 AM	3.1	25.6	3.6	67.7	157.7	157.7	9.41	9.41	-1.19	-1.19	-22.83
GEW-231	5/9/2019 11:12:06 AM	20.4	47.1	3.9	28.6	107.0	107.0	13.98	13.98	-0.83	-0.83	-22.15

May 2019 Wellfield Monitoring Data - Bridgeton Landfill												
Well Name	Date Sampled	Methane	CO_2	O_2	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H_2O		
GEW-231	5/23/2019 1:27:37 PM	21.0	46.4	3.5	29.1	114.5	114.5	21.82	17.02	-0.54	-0.52	-21.01
GEW-231	5/23/2019 1:29:23 PM	20.4	48.0	3.3	28.3	115.7	115.8	31.23	33.72	-1.00	-0.94	-18.48
GEW-2S	5/10/2019 1:56:26 PM	52.3	32.4	1.0	14.3	70.2	70.5	12.11	17.58	-1.38	-1.30	-12.01
GEW-2S	5/13/2019 9:29:55 AM	59.1	34.5	0.0	6.4	70.7	70.9	12.89	11.32	-5.70	-6.04	-12.52
GEW-2S	5/13/2019 9:36:15 AM	60.8	35.3	0.0	3.9	71.6	71.6	14.25	12.57	-6.04	-6.04	-12.39
GEW-2S	5/22/2019 11:31:44 AM	58.2	35.7	0.0	6.1	81.4	81.4	13.91	10.88	-2.65	-2.54	-12.85
GEW-2S	5/31/2019 9:40:06 AM	59.1	36.2	0.0	4.7	87.9	88.4	5.47	3.35	-1.02	-0.98	-12.35
GIW-01	5/2/2019 10:55:01 AM	13.1	56.3	1.4	29.2	150.6	150.2	5.84	5.84	-4.15	-4.15	-19.65
GIW-01	5/2/2019 10:58:37 AM	14.2	55.0	1.4	29.4	152.9	152.1	5.26	5.83	-4.00	-4.00	-19.52
GIW-01	5/7/2019 1:31:43 PM	12.5	56.2	0.8	30.5	161.1	160.7	4.44	4.44	-3.88	-3.88	-18.12
GIW-01	5/7/2019 1:40:20 PM	13.5	55.6	0.5	30.4	160.7	160.7	5.70	5.70	-3.87	-3.87	-18.60
GIW-01	5/17/2019 8:08:53 AM	14.5	57.5	1.1	26.9	153.1	153.2	5.71	6.15	-4.07	-4.03	-19.29
GIW-01	5/17/2019 8:10:37 AM	13.5	60.9	1.0	24.6	153.7	153.7	6.64	5.70	-4.02	-3.99	-17.40
GIW-01	5/24/2019 8:47:13 AM	14.5	60.1	0.5	24.9	154.1	154.0	4.22	4.46	-3.96	-3.94	-18.96
GIW-01	5/24/2019 8:48:12 AM	13.5	63.8	0.6	22.1	154.4	154.4	6.47	5.01	-3.96	-3.95	-19.29
GIW-01	5/31/2019 10:56:36 AM	17.7	56.2	0.4	25.7	153.7	153.7	7.74	4.98	-4.22	-4.17	-19.37
GIW-01	5/31/2019 10:57:44 AM	17.8	57.5	0.4	24.3	154.5	154.5	6.09	8.31	-4.16	-4.24	-19.58
GIW-02	5/2/2019 11:03:16 AM	1.1	19.6	13.7	65.6	66.5	66.4	2.33	2.33	-0.19	-0.19	-20.13
GIW-02	5/2/2019 11:04:04 AM	1.1	19.8	13.7	65.4	66.3	66.3	2.89	2.00	-0.19	-0.19	-20.13
GIW-02	5/7/2019 1:45:43 PM	0.7	20.7	11.9	66.7	99.1	99.1	2.49	2.21	-0.18	-0.18	-19.03
GIW-02	5/7/2019 1:52:29 PM	0.7	19.6	11.9	67.8	98.7	98.7	2.74	2.74	-0.19	-0.19	-19.52
GIW-02	5/17/2019 8:13:34 AM	0.9	22.6	12.5	64.0	88.4	88.3	4.77	4.77	-0.18	-0.17	-17.23
GIW-02	5/17/2019 8:14:19 AM	0.8	20.5	12.6	66.1	88.3	88.4	6.34	4.01	-0.18	-0.18	-17.94
GIW-02	5/24/2019 8:51:24 AM	1.6	28.7	12.0	57.7	90.3	90.4	3.05	2.82	-0.23	-0.22	-19.21
GIW-02	5/24/2019 8:52:29 AM	1.1	22.9	12.3	63.7	90.8	90.8	2.82	3.05	-0.24	-0.23	-19.88
GIW-02	5/31/2019 11:00:03 AM	2.2	19.2	11.9	66.7	88.9	88.9	4.59	4.59	-0.25	-0.25	-20.08
GIW-02	5/31/2019 11:00:59 AM	1.7	17.7	12.1	68.5	89.6	89.6	3.63	4.13	-0.25	-0.23	-19.92
GIW-03	5/2/2019 11:08:15 AM	5.4	32.5	8.7	53.4	66.5	66.4	3.91	3.72	-4.40	-4.40	-9.36
GIW-03	5/2/2019 11:09:06 AM	5.4	32.2	8.7	53.7	66.4	66.4	4.34	4.34	-4.41	-4.41	-9.30
GIW-03	5/7/2019 1:59:45 PM	2.7	26.8	11.4	59.1	92.9	92.9	1.91	4.40	-1.82	-1.82	-2.26
GIW-03	5/7/2019 2:06:18 PM	2.9	27.6	10.8	58.7	93.0	92.9	3.76	3.76	-1.88	-1.88	-3.30
GIW-03	5/17/2019 8:18:02 AM	3.1	34.0	9.9	53.0	82.8	82.9	1.17	2.85	-1.50	-1.51	-2.15
GIW-03	5/17/2019 8:19:02 AM	3.1	35.9	9.4	51.6	82.8	82.8	2.33	4.36	-1.21	-1.18	-1.47
GIW-03	5/24/2019 8:55:00 AM	11.3	37.8	4.5	46.4	87.8	87.9	2.55	4.11	-5.84	-6.43	-17.19
GIW-03	5/31/2019 11:03:19 AM	16.1	37.3	4.1	42.5	87.0	87.0	1.97	1.61	-5.19	-5.19	-18.44
GIW-04	5/2/2019 11:14:02 AM	12.4	52.5	0.1	35.0	65.9	65.9	1.58	2.60	-5.55	-5.55	-20.07
GIW-04	5/7/2019 2:11:58 PM	12.3	52.2	0.6	34.9	96.5	96.5	2.94	2.94	-4.44	-4.44	-16.10
GIW-04	5/7/2019 2:19:03 PM	12.3	52.1	0.7	34.9	93.7	93.6	3.73	3.37	-4.38	-4.38	-15.97
GIW-04	5/17/2019 8:22:12 AM	7.5	58.4	0.7	33.4	87.0	87.0	3.26	2.31	-2.31	-2.30	-5.48
GIW-04	5/24/2019 8:59:37 AM	12.4	59.0	0.6	28.0	90.8	90.8	1.14	4.25	-5.67	-5.71	-17.57

May 2019 Wellfield Monitoring Data - Bridgeton Landfill												
Well Name	Date Sampled	Methane	CO_2	O_2	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H_2O		
GIW-04	5/31/2019 11:05:45 AM	16.8	50.8	0.7	31.7	92.2	92.4	1.95	1.95	-5.19	-5.19	-18.10
GIW-05	5/2/2019 11:20:27 AM	0.0	0.6	20.8	78.6	66.2	66.2	3.75	3.75	-6.28	-6.28	-19.83
GIW-05	5/2/2019 11:22:25 AM	0.2	5.5	18.0	76.3	66.1	66.1	3.75	8.85	-6.10	-6.10	-20.07
GIW-05	5/7/2019 2:24:34 PM	0.1	2.8	19.8	77.3	86.8	86.9	0.00	2.50	-4.24	-4.24	-15.73
GIW-05	5/7/2019 2:31:54 PM	1.0	18.5	13.9	66.6	88.4	88.4	3.74	3.74	-4.15	-4.15	-13.71
GIW-05	5/17/2019 8:25:33 AM	0.1	9.3	19.6	71.0	80.8	80.9	0.00	0.00	-1.87	-1.85	-4.47
GIW-05	5/17/2019 8:26:26 AM	0.0	5.3	19.8	74.9	81.2	81.3	0.00	0.00	-1.93	-1.92	-3.20
GIW-05	5/24/2019 9:04:55 AM	0.5	9.8	19.5	70.2	87.2	87.3	0.00	0.00	-2.08	-2.08	-16.85
GIW-05	5/24/2019 9:05:53 AM	0.3	4.7	19.7	75.3	87.9	88.0	0.00	0.00	-2.10	-2.10	-17.19
GIW-05	5/31/2019 11:11:24 AM	0.7	1.2	20.9	77.2	88.4	88.6	0.00	0.00	-1.88	-1.90	-18.10
GIW-05	5/31/2019 11:13:15 AM	0.2	0.1	21.0	78.7	88.6	88.6	0.00	0.00	-2.02	-2.02	-17.76
GIW-06	5/2/2019 11:27:17 AM	38.1	40.9	0.3	20.7	66.5	66.5	2.87	2.87	-18.91	-18.91	-19.52
GIW-06	5/7/2019 2:52:34 PM	33.8	40.5	0.4	25.3	95.5	95.5	11.80	3.23	-18.97	-18.97	-18.67
GIW-06	5/7/2019 2:59:30 PM	34.0	40.2	0.2	25.6	95.5	95.5	7.12	7.12	-14.70	-14.70	-14.75
GIW-06	5/17/2019 8:29:30 AM	35.8	46.2	0.2	17.8	85.4	85.4	5.53	7.57	-3.90	-3.40	-3.79
GIW-06	5/24/2019 9:13:01 AM	29.5	55.1	0.0	15.4	92.2	92.2	7.06	12.37	-16.58	-16.91	-16.60
GIW-06	5/31/2019 11:26:04 AM	39.2	42.3	0.0	18.5	94.4	94.5	1.54	4.07	-17.39	-17.39	-17.76
GIW-07	5/2/2019 11:31:56 AM	49.9	47.3	0.1	2.7	66.3	66.3	3.93	3.93	-3.08	-3.08	-20.07
GIW-07	5/7/2019 3:04:07 PM	49.9	45.8	0.3	4.0	90.1	90.1	3.94	3.77	-2.52	-2.52	-16.59
GIW-07	5/7/2019 3:10:51 PM	50.4	44.9	0.3	4.4	88.9	88.9	3.60	3.41	-2.31	-2.31	-15.06
GIW-07	5/17/2019 8:32:15 AM	48.7	48.6	0.2	2.5	87.5	87.7	2.83	2.83	-0.98	-0.98	-6.36
GIW-07	5/24/2019 9:16:40 AM	47.3	52.5	0.2	0.0	89.9	89.9	4.45	4.29	-2.29	-2.27	-16.85
GIW-07	5/31/2019 11:28:07 AM	53.1	46.3	0.2	0.4	93.1	93.4	2.26	2.99	-3.11	-3.11	-17.76
GIW-08	5/2/2019 11:35:06 AM	49.0	46.5	0.0	4.5	66.2	66.2	4.28	1.04	-2.85	-2.85	-20.20
GIW-08	5/7/2019 3:14:47 PM	48.2	46.0	0.0	5.8	98.0	98.0	3.72	2.73	-2.16	-2.16	-14.14
GIW-08	5/7/2019 3:23:41 PM	48.6	46.3	0.0	5.1	96.2	96.2	1.24	1.90	-2.22	-2.22	-17.01
GIW-08	5/17/2019 8:34:40 AM	49.8	47.7	0.0	2.5	88.9	89.1	1.15	1.15	-0.91	-0.92	-4.09
GIW-08	5/24/2019 9:19:08 AM	46.2	51.7	0.0	2.1	92.6	92.7	3.79	3.96	-2.31	-2.32	-17.14
GIW-08	5/31/2019 11:30:13 AM	52.8	45.6	0.0	1.6	94.1	94.3	2.53	2.53	-2.60	-2.60	-17.42
GIW-09	5/2/2019 11:37:50 AM	13.3	40.4	0.0	46.3	66.0	66.0	1.59	1.59	-1.22	-1.22	-20.01
GIW-09	5/7/2019 3:27:31 PM	14.5	38.9	0.0	46.6	90.5	90.5	2.24	1.93	-0.99	-0.99	-16.03
GIW-09	5/7/2019 3:35:12 PM	14.6	38.5	0.1	46.8	89.1	89.1	3.61	3.01	-0.96	-0.96	-15.85
GIW-09	5/17/2019 8:37:20 AM	13.7	45.8	0.0	40.5	88.9	89.0	3.65	2.31	-0.74	-0.74	-5.14
GIW-09	5/24/2019 9:22:01 AM	17.0	42.2	0.0	40.8	90.0	90.1	1.99	1.15	-1.16	-1.17	-17.19
GIW-09	5/31/2019 11:32:27 AM	21.7	36.8	0.0	41.5	92.8	92.9	3.94	3.94	-1.40	-1.40	-17.08
GIW-10	5/2/2019 1:38:55 PM	14.5	34.1	0.0	51.4	65.6	65.5	1.25	1.25	-4.11	-4.11	-20.07
GIW-10	5/8/2019 9:04:25 AM	16.8	34.7	0.0	48.5	77.5	77.5	1.66	1.66	-2.18	-2.18	-9.30
GIW-10	5/8/2019 9:10:50 AM	16.6	34.7	0.0	48.7	78.2	78.1	0.00	1.17	-2.18	-2.18	-9.24
GIW-10	5/17/2019 8:39:56 AM	12.4	44.3	0.0	43.3	82.1	82.1	4.51	3.30	-1.90	-1.90	-4.42
GIW-10	5/24/2019 9:24:24 AM	17.3	39.5	0.0	43.2	87.7	87.8	1.99	1.99	-3.91	-3.92	-16.72

May 2019 Wellfield Monitoring Data - Bridgeton Landfill												
Well Name	Date Sampled	Methane	CO_2	O_2	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H_2O		
GIW-10	5/31/2019 10:51:22 AM	20.5	34.3	0.0	45.2	90.5	90.5	3.76	4.09	-4.30	-4.30	-18.48
GIW-11	5/2/2019 11:41:45 AM	18.3	34.3	0.8	46.6	66.5	66.5	1.34	1.34	-2.61	-2.61	-17.87
GIW-11	5/8/2019 9:15:54 AM	19.6	35.4	0.5	44.5	78.6	78.4	4.97	4.23	-2.34	-2.34	-15.91
GIW-11	5/8/2019 9:22:27 AM	19.8	34.6	0.5	45.1	78.0	78.0	4.23	4.23	-2.29	-2.29	-16.71
GIW-11	5/17/2019 8:42:49 AM	18.1	41.0	0.2	40.7	87.3	87.3	5.88	7.20	-2.48	-2.46	-14.83
GIW-11	5/24/2019 9:27:02 AM	17.8	38.9	0.5	42.8	91.5	91.6	4.43	2.29	-2.56	-2.57	-15.63
GIW-11	5/31/2019 10:48:40 AM	22.2	33.3	0.7	43.8	90.5	90.5	6.02	5.09	-2.80	-2.79	-16.58
GIW-12	5/2/2019 11:44:56 AM	23.3	33.5	3.7	39.5	65.9	65.9	1.60	2.00	-0.38	-0.38	-19.16
GIW-12	5/8/2019 9:26:50 AM	23.4	35.2	2.5	38.9	78.7	78.7	0.00	0.00	-0.24	-0.24	-19.22
GIW-12	5/8/2019 9:33:16 AM	23.7	34.3	2.5	39.5	81.2	81.2	0.00	3.89	-0.25	-0.25	-17.87
GIW-12	5/17/2019 8:45:24 AM	23.0	37.7	2.2	37.1	87.0	87.1	3.28	3.28	-0.30	-0.30	-21.40
GIW-12	5/24/2019 9:29:36 AM	23.1	38.3	2.8	35.8	90.8	90.8	2.57	3.05	-0.31	-0.31	-17.69
GIW-12	5/31/2019 10:42:34 AM	28.3	34.4	3.7	33.6	88.4	88.5	2.57	2.57	-0.38	-0.38	-16.41
GIW-13	5/2/2019 11:47:51 AM	37.7	47.6	0.0	14.7	66.0	65.9	3.35	3.35	-1.67	-1.67	-12.30
GIW-13	5/8/2019 9:36:57 AM	37.9	48.5	0.0	13.6	82.8	82.8	3.08	3.08	-1.42	-1.42	-11.69
GIW-13	5/8/2019 9:43:18 AM	37.7	47.6	0.0	14.7	83.8	83.8	2.60	2.33	-1.35	-1.35	-10.71
GIW-13	5/17/2019 8:48:04 AM	36.8	49.1	0.0	14.1	88.2	88.4	3.82	3.46	-1.63	-1.63	-9.18
GIW-13	5/24/2019 9:32:16 AM	22.0	64.2	0.0	13.8	92.6	92.7	4.44	1.15	-0.40	-0.39	-11.46
GIW-13	5/31/2019 10:40:34 AM	28.8	53.6	0.0	17.6	87.5	87.7	3.04	3.04	-0.53	-0.52	-12.09
LCS-1D	5/10/2019 9:48:57 AM	48.7	34.8	3.6	12.9	61.8	61.6	7.01	7.01	-11.96	-11.96	-16.89
LCS-1D	5/31/2019 10:53:40 AM	54.2	36.4	2.3	7.1	97.0	97.0	1.92	1.11	-8.99	-8.95	-17.08
LCS-2D	5/15/2019 9:38:30 AM	56.6	42.6	0.0	0.8	74.3	74.3	2.75	3.56	-19.59	-19.33	-19.62
LCS-2D	5/28/2019 11:05:58 AM	55.4	42.8	0.0	1.8	92.6	92.7	5.96	9.42	-18.91	-18.91	-19.24
LCS-3D	5/13/2019 10:18:34 AM	6.5	67.9	0.0	25.6	67.2	67.2	9.97	2.29	-20.56	-20.56	-20.26
LCS-3D	5/28/2019 11:44:01 AM	8.7	69.3	0.1	21.9	87.5	87.5	6.02	7.61	-18.95	-18.91	-19.28
LCS-4B	5/13/2019 11:21:14 AM	5.6	47.7	5.6	41.1	73.4	73.4	2.99	2.26	-20.01	-20.01	-19.77
LCS-4B	5/13/2019 11:22:04 AM	5.5	48.1	5.7	40.7	73.6	73.6	4.38	4.38	-19.95	-19.95	-19.71
LCS-4B	5/24/2019 1:48:49 PM	6.1	48.4	5.8	39.7	99.4	99.4	5.46	3.21	-20.26	-20.26	-19.83
LCS-4B	5/24/2019 1:50:17 PM	6.1	49.1	5.6	39.2	98.8	98.7	4.70	5.17	-17.94	-18.24	-20.38
LCS-5A	5/2/2019 10:01:40 AM	57.3	41.0	0.0	1.7	84.4	84.4	10.71	10.71	-10.81	-11.02	-12.85
LCS-5A	5/9/2019 11:38:22 AM	59.2	40.1	0.0	0.7	76.4	76.2	20.84	11.51	-11.48	-11.48	-12.64
LCS-5A	5/14/2019 2:33:10 PM	56.9	41.0	0.0	2.1	90.3	90.3	2.65	5.29	-11.19	-11.14	-12.52
LCS-5A	5/22/2019 10:08:04 AM	57.6	40.4	0.0	2.0	87.0	87.0	11.06	11.84	-11.31	-11.14	-12.85
LCS-5A	5/30/2019 1:55:37 PM	57.0	40.9	0.0	2.1	93.1	93.2	8.32	3.72	-11.78	-11.73	-12.47
LCS-5B	5/2/2019 10:25:33 AM	55.4	41.0	0.0	3.6	74.6	74.5	4.71	8.16	-11.82	-11.95	-12.30
LCS-5B	5/9/2019 11:41:05 AM	56.8	40.3	0.0	2.9	129.4	129.5	10.88	9.34	-7.09	-7.09	-12.30
LCS-5B	5/14/2019 2:44:18 PM	54.0	41.3	0.0	4.7	142.6	142.5	9.79	8.47	-6.42	-6.42	-12.85
LCS-5B	5/14/2019 2:45:27 PM	54.2	41.4	0.0	4.4	142.6	142.6	9.16	10.95	-6.08	-6.21	-12.94
LCS-5B	5/22/2019 10:52:54 AM	54.5	41.4	0.0	4.1	139.2	139.5	11.97	11.97	-6.92	-7.18	-12.73
LCS-5B	5/22/2019 10:54:04 AM	54.5	41.4	0.0	4.1	139.4	139.6	15.28	14.67	-7.26	-7.26	-13.32

May 2019 Wellfield Monitoring Data - Bridgeton Landfill												
Well Name	Date Sampled	Methane	CO_2	O_2	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H_2O		
LCS-5B	5/31/2019 8:49:28 AM	54.6	41.9	0.0	3.5	143.5	143.2	13.82	13.61	-6.25	-6.25	-12.64
LCS-5B	5/31/2019 8:50:56 AM	54.5	41.8	0.0	3.7	143.5	143.4	4.89	5.98	-6.25	-6.21	-12.60
LCS-6B	5/2/2019 1:45:59 PM	51.1	40.1	0.0	8.8	70.0	70.0	9.76	7.97	-1.13	-1.13	-12.26
LCS-6B	5/2/2019 1:49:10 PM	50.8	40.2	0.0	9.0	68.8	68.8	5.65	6.92	-0.73	-0.73	-12.22
LCS-6B	5/9/2019 11:46:39 AM	55.4	41.2	0.0	3.4	67.9	67.9	9.80	9.39	-1.03	-1.02	-12.30
LCS-6B	5/13/2019 10:10:11 AM	54.8	41.2	0.0	4.0	78.1	78.2	10.01	9.62	-0.83	-0.84	-11.97
LCS-6B	5/22/2019 11:48:09 AM	54.7	41.2	0.0	4.1	92.9	93.1	8.44	8.44	-0.72	-0.72	-12.43
LCS-6B	5/31/2019 9:52:55 AM	56.0	41.4	0.0	2.6	93.1	93.4	4.68	3.82	-0.91	-0.91	-12.43
SEW-002	5/13/2019 2:39:20 PM	3.2	6.4	18.1	72.3	76.6	76.6	5.10	5.10	-4.60	-4.60	-18.60
SEW-002	5/13/2019 2:42:20 PM	3.2	5.9	18.2	72.7	76.6	76.6	3.51	8.10	-4.63	-4.63	-19.22
SEW-002	5/24/2019 1:56:28 PM	4.2	8.9	18.1	68.8	105.6	105.6	5.74	5.64	-3.61	-3.59	-19.96
SEW-002	5/24/2019 1:57:39 PM	4.4	7.3	18.3	70.0	105.2	105.2	1.93	1.93	-0.42	-0.42	-19.11
BRISEW03	5/10/2019 10:35:49 AM	6.7	43.1	4.4	45.8	75.8	75.9	11.95	12.07	-0.15	-0.15	-20.44
BRISEW03	5/31/2019 9:39:46 AM	7.8	46.1	3.0	43.1	101.1	101.1	11.70	11.70	-0.13	-0.13	-19.34
T-56	5/2/2019 2:07:55 PM	53.1	35.2	0.0	11.7	60.2	60.2	17.12	16.17	-0.02	-0.02	-12.81
T-56	5/10/2019 2:22:56 PM	44.2	33.2	0.1	22.5	64.9	64.9	11.21	12.84	-0.07	-0.06	-13.02
T-56	5/13/2019 10:58:59 AM	54.9	36.2	0.0	8.9	63.7	64.0	14.39	13.20	-0.01	-0.01	-12.64
T-56	5/22/2019 1:33:52 PM	55.8	36.4	0.0	7.8	72.9	72.8	14.18	14.18	-0.02	-0.02	-13.28
T-56	5/31/2019 10:06:09 AM	57.9	37.0	0.1	5.0	74.8	74.8	11.10	10.01	-0.03	-0.02	-13.19

ATTACHMENT D-2

MAXIMUM WELLHEAD TEMPERATURE TABLE

Wellfield Temperature - Bridgeton Landfill

Well Name					Temp Trend	Comments
	February 2019	March 2019	April 2019	May 2019	><30°F	
GEW-002	104.4	114.8	112.0	113.7		
GEW-003	111.0	111.2	110.7	111.6		
GEW-004	89.6	102.6	107.5	109.5		
GEW-005	72.0	77.5	85.6	86.7		
GEW-006	83.3	81.5	84.9	85.6		
GEW-007	81.3	78.0	84.4	92.2		
GEW-008	108.4	106.8	109.6	110.0		
GEW-009	118.1	117.1	116.6	120.0		
GEW-010	63.3	77.5	70.4	92.0		
GEW-013A	182.7	187.3	179.2	193.7		
GEW-015	62.3	102.8	104.0	112.0		
GEW-016R	175.8	174.7	185.7	182.1		
GEW-018B	124.7	139.0	131.4	200.7		
GEW-019A	41.0	62.6	77.8	97.0		
GEW-039	108.0	106.0	98.7	110.0		
GEW-040	61.8	59.7	72.0	85.2		
GEW-041R	83.7	88.1	93.8	98.2		
GEW-042R	96.5	96.5	102.1	105.0		
GEW-043R	115.3	110.9	114.0	116.0		
GEW-044	65.1	74.7	90.1	86.1		
GEW-045R	73.0	82.7	88.6	93.1		
GEW-046R	87.9	93.5	84.2	92.9		
GEW-047R	100.3	100.5	105.0	106.0		
GEW-048	88.2	93.4	97.4	99.1		
GEW-049	99.6	93.2	93.1	95.5		
GEW-050	100.4	94.6	97.4	100.4		
GEW-051	116.8	110.5	115.1	115.8		
GEW-052	111.5	102.6	105.7	106.7		
GEW-053	140.6	142.9	143.9	142.5		
GEW-054	145.5	145.6	145.6	145.9		
GEW-055	121.3	118.7	127.8	130.2		
GEW-056R	84.9	93.6	84.7	115.0		
GEW-057B	167.4	183.3	184.1	179.2		
GEW-058A	40.8	71.5	86.5	108.8		
GEW-059R	151.5	152.3	157.3	155.3		
GEW-067A	39.8	73.9	101.3	201.8		
GEW-068A	192.9	198.6	198.9	198.6		
GEW-078R	136.2	145.6	153.3	148.4		
GEW-082R	163.8	169.2	171.6	171.6		

Wellfield Temperature - Bridgeton Landfill

Well Name					Temp Trend	Comments
	February 2019	March 2019	April 2019	May 2019	><30°F	
GEW-086	58.2	71.4	76.8	173.6		
GEW-087	57.0	78.0	126.9	202.3		
GEW-088	194.3	191.6	180.3	190.8		
GEW-090	166.9	164.7	186.4	200.9		
GEW-091	139.6	193.5	200.7	201.6		
GEW-100	40.0	65.5	76.1	90.8		
GEW-101	49.3	83.5	83.0	93.6		
GEW-102	39.5	72.7	80.8	94.3		
GEW-104	183.1	184.0	168.1	188.3		
GEW-105	120.5	135.6	133.5	139.3		
GEW-106	40.8	77.4	139.6	145.2		
GEW-107	137.4	145.9	148.8	151.0		
GEW-108	129.5	134.1	129.4	167.6		
GEW-109	98.7	121.3	111.9	114.8		
GEW-110	62.1	75.7	65.7	100.8		
GEW-113	96.0	107.5	97.4	112.0		
GEW-116	162.1	183.4	169.5	180.6		
GEW-117	46.1	64.5	59.5	124.5		
GEW-118	200.1	195.0	199.3	199.3		
GEW-120	45.5	124.0	135.3	133.8		
GEW-121	94.7	110.7	113.2	120.7		
GEW-122	82.5	108.7	121.0	120.5		
GEW-123	41.4	96.2	108.7	104.8		
GEW-124	41.2	66.3	80.0	75.3		
GEW-125	41.0	73.6	102.2	101.9		
GEW-126	44.2	73.6	64.9	101.3		
GEW-127	137.4	140.3	136.6	158.1		
GEW-128	117.6	113.4	127.2	130.3		
GEW-129	136.2	116.8	132.0	134.4		
GEW-130	178.5	178.0	171.0	168.1		
GEW-131	115.5	128.0	144.1	135.0		
GEW-132	94.1	122.3	126.7	121.6		
GEW-133	44.7	80.1	85.4	159.8		
GEW-134	76.2	119.9	113.5	129.2		
GEW-135	118.0	135.0	136.8	139.6		
GEW-137	80.1	70.1	81.7	91.0		
GEW-138	70.0	83.8	102.3	105.8		
GEW-139	183.9	182.8	185.7	179.7		

Wellfield Temperature - Bridgeton Landfill

Well Name					Temp Trend	Comments
	February 2019	March 2019	April 2019	May 2019	><30°F	
GEW-140	141.3	185.7	186.1	188.9		
GEW-144	39.8	72.0	77.3	92.4		
GEW-145	39.2	61.7	77.5	97.2		
GEW-147	168.5	173.8	174.2	173.1		
GEW-148	135.5	159.3	171.6	174.2		
GEW-149	89.2	121.0	124.8	102.5		
GEW-150	169.5	186.4	177.6	185.7		
GEW-151	91.2	82.2	145.2	94.1		
GEW-152	56.8	88.4	80.7	144.2		
GEW-153	40.2	75.2	70.4	94.3		
GEW-154	--	--	--	--		Temporarily decommissioned
GEW-155	83.7	87.4	97.7	105.0		
GEW-156	43.1	71.8	83.8	97.2		
GEW-157	80.5	105.0	98.2	126.4		
GEW-158	46.4	91.0	137.7	113.0		
GEW-159	55.5	78.7	62.6	98.9		
GEW-160	46.1	74.3	64.9	96.5		
GEW-161	42.3	70.2	68.4	106.1		
GEW-162	47.5	59.2	79.4	123.7		
GEW-163	148.4	150.6	155.6	170.0		
GEW-164	138.3	142.2	143.6	134.3		
GEW-165	167.1	162.3	152.7	164.8		
GEW-166	171.6	163.2	185.7	179.2		
GEW-167	163.3	169.5	161.6	162.0		
GEW-168	145.9	138.7	151.3	144.9		
GEW-169	156.5	152.5	161.2	143.9		
GEW-170	159.0	158.1	162.1	158.1		
GEW-171	39.7	59.7	76.7	99.2		
GEW-172	164.5	172.6	181.5	182.2		
GEW-173	41.9	--	--	--		Temporarily decommissioned
GEW-174	147.0	142.6	145.9	142.7		
GEW-175	145.3	142.7	144.2	154.4		
GEW-176	42.8	76.9	63.4	100.8		
GEW-177	166.5	164.2	183.9	185.1		
GEW-178	77.8	84.9	95.5	94.4		
GEW-179	102.3	108.2	108.2	112.3		
GEW-180	103.0	95.8	89.6	103.0		

Wellfield Temperature - Bridgeton Landfill

Well Name					Temp Trend	Comments
	February 2019	March 2019	April 2019	May 2019	><30°F	
GEW-181	127.0	119.7	122.4	113.2		
GEW-182	87.8	82.1	95.9	110.2		
GEW-184	78.4	85.6	93.6	90.3		
GEW-185	130.6	132.3	122.9	126.1		
GEW-186	98.8	102.3	120.1	121.8		
GEW-187	142.2	140.9	136.8	142.9		
GEW-188	126.1	121.8	115.6	111.0		
GEW-217	67.2	68.8	133.2	136.5		
GEW-218	136.2	131.4	136.2	141.9		
GEW-219	161.6	173.6	173.1	168.1		
GEW-220	199.2	191.3	197.2	200.0		
GEW-221	81.0	121.8	84.0	119.7		
GEW-222	84.8	93.1	140.6	103.3		
GEW-223	156.9	162.4	170.0	157.3		
GEW-224	164.7	189.6	189.7	180.9		
GEW-225	176.7	179.2	142.5	188.3		
GEW-226	166.7	183.9	195.0	180.3		
GEW-227	162.0	154.0	180.9	182.3		
GEW-228	165.2	170.5	165.0	190.8		
GEW-229	101.1	95.0	103.8	105.0		
GEW-230	151.3	150.2	186.4	170.2		
GEW-231	117.3	120.5	119.7	115.7		
GEW-2S	57.0	72.0	80.3	87.9		
GIW-01	157.7	151.0	156.5	161.1		
GIW-02	57.5	66.1	76.6	99.1		
GIW-03	52.3	63.9	73.0	93.0		
GIW-04	55.7	66.8	76.5	96.5		
GIW-05	52.1	68.1	78.7	88.6		
GIW-06	56.0	67.0	83.4	95.5		
GIW-07	56.1	66.8	84.4	93.1		
GIW-08	60.3	73.6	85.6	98.0		
GIW-09	57.8	66.1	84.0	92.8		
GIW-10	53.7	65.8	66.3	90.5		
GIW-11	55.1	67.5	68.6	91.5		
GIW-12	55.9	66.5	68.2	90.8		
GIW-13	60.6	68.4	69.6	92.6		
LCS-1D	65.3	72.7	75.5	97.0		
LCS-2D	68.8	70.4	73.2	92.6		
LCS-3D	62.8	69.5	74.1	87.5		

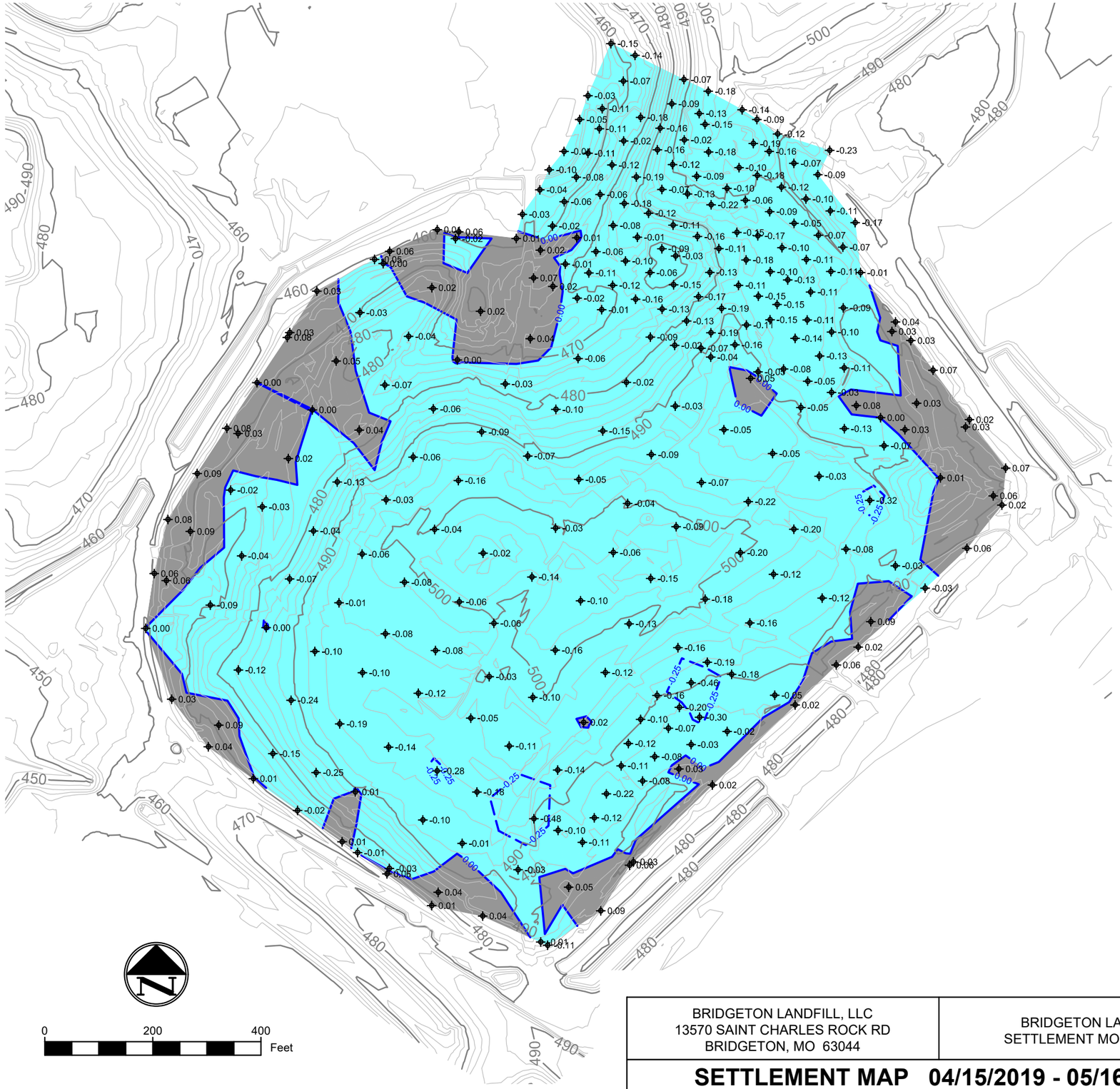
Wellfield Temperature - Bridgeton Landfill

Well Name					Temp Trend	Comments
	February 2019	March 2019	April 2019	May 2019	><30°F	
LCS-4B	--	63.3	81.9	99.4		
LCS-5A	73.9	98.0	85.6	93.1		
LCS-5B	133.9	136.7	137.8	143.5		
LCS-6B	57.0	71.6	87.0	93.1		
SEW-002	54.4	69.0	71.8	105.6		
SEW-003	81.0	85.8	90.8	101.1		
T-56	49.1	54.9	66.5	74.8		

-- = Indicates no data available.

ATTACHMENT E

SETTLEMENT FRONT MAP



Thickness Map				
Range	Minimum Depth	Maximum Depth	2D Area (Sq. Ft.)	Color
1	-5.00	-4.00	0.00	
2	-4.00	-3.00	0.00	
3	-3.00	-2.00	0.00	
4	-2.00	-1.00	0.00	
5	-1.00	0.00	1,277,466.40	
6	0.00	1.00	259,434.21	

LEGEND

- 12-12-2018 TOPOGRAPHY (2' CONTOUR)
- 500 — 12-12-2018 TOPOGRAPHY (10' CONTOUR)
- .25 — MINOR ELEVATION CHANGE CONTOUR (0.25 FEET)
- .50 — MAJOR ELEVATION CHANGE CONTOUR (0.50 FEET)
- -.03 — SPOT ELEVATION DIFFERENCE (4-15-2019 to 5-16-2019)
- *5–2019* — *SETTLEMENT FRONT CONTOUR FOR AREA WITH 1.40' PER 31 DAYS FOR CURRENT PERIOD OF DAYS

*NONE FOR MAY 2019

NOTES:

1. EXISTING CONTOURS DEVELOPED FROM SITE AERIAL TOPOGRAPHIC SURVEY BY COOPER AERIAL SURVEYS CO. ON DECEMBER 12, 2018.
2. FOR CLARITY, NOT ALL SITE FEATURES MAY BE SHOWN.
3. ELEVATION DIFFERENCE DETERMINED BY SUBTRACTING SPOT ELEVATIONS SURVEYED ON 4-15-19 FROM SPOT ELEVATIONS SURVEYED ON 5-16-19.
4. SURVEY POINTS WERE PERFORMED USING GPS METHODS.
5. SETTLEMENT RANGE SURFACE WAS GENERATED FROM THE SPOT ELEVATION DIFFERENCES.
6. ELEVATION DIFFERENCES THAT ARE SHOWN AS NEGATIVE INDICATE SPOTS OF SETTLEMENT.
7. ANY POINTS THAT ARE NOT A GROUND-TO-GROUND COMPARISON TO THE PREVIOUS MONTH'S POINTS, OR THAT WERE NOT SURVEYED IN THE SAME LOCATION AS THE PREVIOUS MONTH ARE NOT INCLUDED AND WERE NOT USED IN ANY SURFACE GENERATION.

BRIDGETON LANDFILL, LLC
13570 SAINT CHARLES ROCK RD
BRIDGETON, MO 63044

BRIDGETON LANDFILL
SETTLEMENT MONITORING

SETTLEMENT MAP 04/15/2019 - 05/16/2019

PROJECT NUMBER: BT-145 | FILE PATH: C:\Users\plinsi\Dropbox (Feezor Engineering)\Bridgeton\100-149\BT-145 (Agreed Order Reporting)\Monthly Reports\05-2019 Report\Internal Draft\site Data\settlement\Settlement And Fill 5-16-2019.dwg

Engineering for a Better World
FEEZOR ENGINEERING, INC.

MAY 2019
DESIGNED BY: IN
APPROVED BY: DRF

REVISION	DATE

DRAWING NO.:
001

ATTACHMENT F

LIQUID CHARACTERIZATION DATA AND DISCHARGE LOG

Bridgeton Landfill - Leachate PreTreatment Plant

May 2019

Liquid Characterization Data

Liquid characterization data is made available to MDNR on an ongoing basis. No additional lechate characterization data, beyond that produced for MSD, was collected during the prior month.

Hauled Disposal to MSD – Bissell Point

Date	Waste	Source	Transporter	Quantity
5/1/2019	LPTP Activated Sludge/ Permeate	Tank 1 (T1)	MBI	0
5/2/2019				0
5/3/2019				0
5/4/2019				0
5/5/2019				0
5/6/2019				0
5/7/2019				0
5/8/2019				0
5/9/2019				0
5/10/2019				0
5/11/2019				0
5/12/2019				0
5/13/2019				0
5/14/2019				0
5/15/2019				0
5/16/2019				0
5/17/2019				0
5/18/2019				0
5/19/2019				0
5/20/2019				0
5/21/2019				0
5/22/2019				0
5/23/2019				0
5/24/2019				0
5/25/2019				0
5/26/2019				0
5/27/2019				0
5/28/2019				0
5/29/2019				0
5/30/2019				0
5/31/2019				0
			Total	**0**

Direct Discharge to MSD

Date	Waste	Source	Quantity (gal)
5/1/2019	LPTP Permeate	Through Tank AST 97k (MSD Sampling Point 013)	193,184
5/2/2019			215,808
5/3/2019			220,144
5/4/2019			218,448
5/5/2019			243,360
5/6/2019			225,280
5/7/2019			215,504
5/8/2019			216,672
5/9/2019			214,048
5/10/2019			216,400
5/11/2019			230,608
5/12/2019			197,520
5/13/2019			228,528
5/14/2019			257,040
5/15/2019			218,528
5/16/2019			228,128
5/17/2019			231,936
5/18/2019			219,760
5/19/2019			212,480
5/20/2019			223,136
5/21/2019			234,496
5/22/2019			222,704
5/23/2019			234,064
5/24/2019			224,672
5/25/2019			279,856
5/26/2019			267,024
5/27/2019			272,448
5/28/2019			269,232
5/29/2019			269,600
5/30/2019			288,304
5/31/2019			335,472
		Total	**7,324,384**

ATTACHMENT G

VOLUMES OF LEACHATE PROCESSED

Bridgeton Landfill - Leachate Volumes
May 2019

Total volume of leachate from the individual leachate collection sumps during the month. Additional non-LCS leachate was colleted and the total volume was 3,025,353 gallons. Therefore, the total leachate collected was 3,866,528 gallons.

ID	Volume
LCS -1D	0
LCS-2D	0
LCS-3D	138,257
LCS-4B	0
LCS-5A	651,776
LCS-5B	42,432
LCS-6B	8,710