

Bridgeton Landfill, LLC

Monthly Data Submittals

May 2021

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 21, 2021

Commentary on Data

June 21, 2021

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

Gas Volume

- As presented in Attachment A-1, the gas collection volumetric rate for this month averaged a total site flow of 1052 SCFM, as normalized per the MDNR weekly flow and TRS sampling results.

Gas Quality

- Attachments C and D present the monthly data related to gas quality as measured at the respective wellheads.
- Attachment D-1 presents vertical wells which exhibited oxygen levels at or greater than 5% during one (1) or more weekly monitoring events during this reporting period. These consisted of 10 GEW wells that are experiencing low or restricted flows, and 1 LCS well that exhibit low gas flow due to the cooling loops that are installed in these wells. By the end of the month, 4 of the GEW wells and 1 LCS well still exhibited oxygen levels at or greater than 5%. 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 D-2 presents gas temperatures as measured at the wellheads. Eight (8) vertical wells (excluding GIW wells) increased 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. Carbon monoxide (CO) results were non-detect (ND) for North Quarry wells, with the exception of GEW-053 (49 ppm)
- Site personnel are performing a comprehensive wellfield investigation to optimize the landfill gas collection and control system (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 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. Wells with poor gas quality were decommissioned in the latter half of 2020. This investigation will continue into the Second Quarter 2021. Wellfield

expansion and abandonment activities were reported in the quarterly Landfill Gas Corrective Action Update.

Settlement

- The South Quarry exhibited monthly maximum settlement up to 0.21 feet over 29 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.

ATTACHMENT A

DAILY FLARE MONITORING DATA

ATTACHMENT A-1

FLOW DATA TABLE

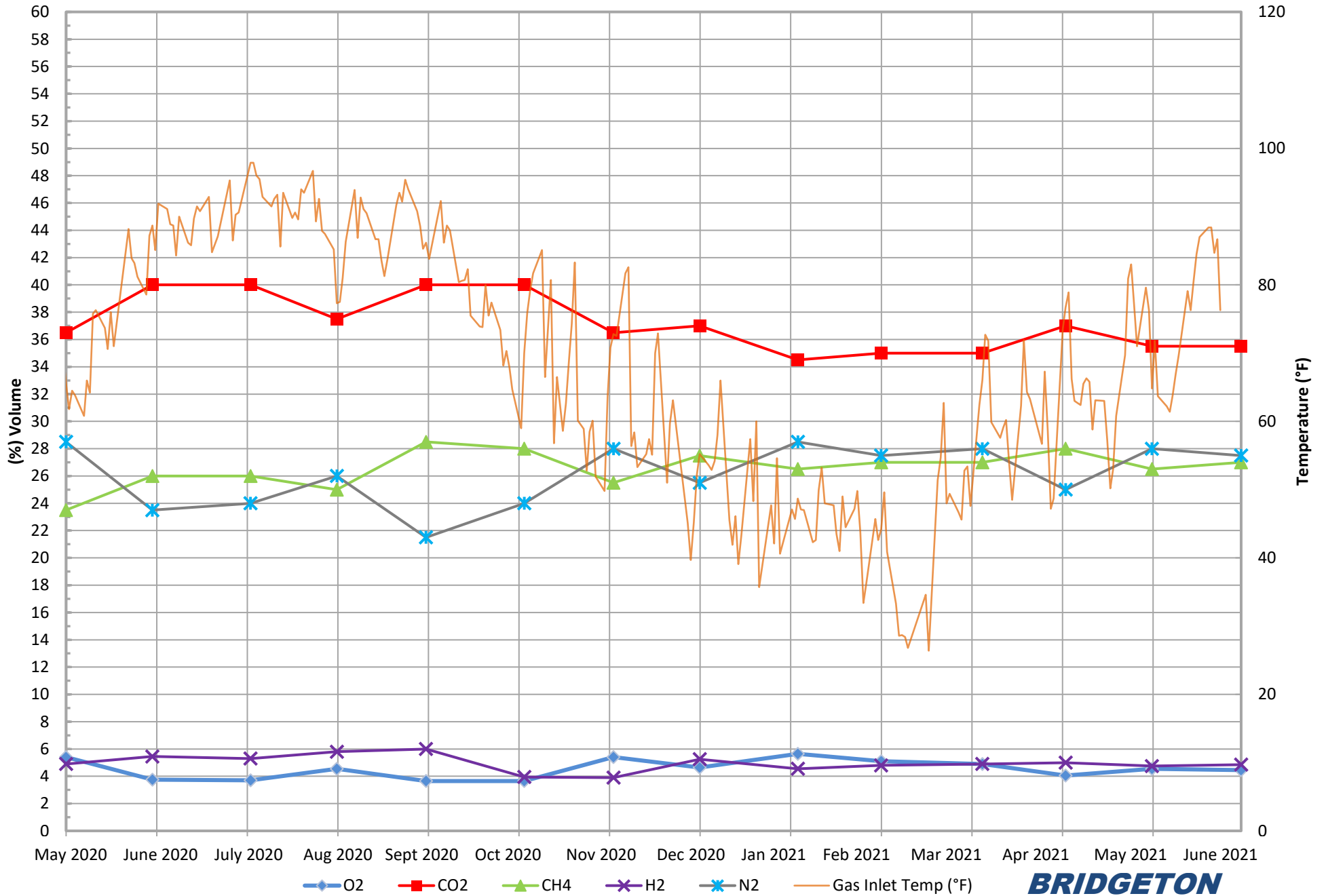
Daily Flare Monitoring Data - Bridgeton Landfill
May 2021

Date	Average Device Flow* (scfm)			Total Avg. Flow** (scfm)
	Utility Flare (FL-100)	Utility Flare (FL-120)	Utility Flare (FL-140)	
5/1/2021	1,089	0	0	1,089
5/2/2021	1,060	0	0	1,060
5/3/2021	984	0	0	984
5/4/2021	1,020	0	0	1,020
5/5/2021	1,030	0	0	1,030
5/6/2021	1,031	0	0	1,031
5/7/2021	1,050	0	0	1,050
5/8/2021	1,046	0	0	1,046
5/9/2021	1,004	1	0	1,005
5/10/2021	1,023	0	0	1,023
5/11/2021	1,021	0	0	1,021
5/12/2021	1,040	0	0	1,041
5/13/2021	1,065	0	0	1,066
5/14/2021	1,075	0	0	1,076
5/15/2021	1,051	0	0	1,051
5/16/2021	1,058	0	0	1,059
5/17/2021	1,047	0	0	1,047
5/18/2021	1,033	0	0	1,034
5/19/2021	1,051	0	0	1,051
5/20/2021	1,069	0	0	1,069
5/21/2021	1,096	0	0	1,096
5/22/2021	1,096	0	0	1,096
5/23/2021	1,108	0	0	1,108
5/24/2021	1,100	0	0	1,100
5/25/2021	1,090	0	0	1,090
5/26/2021	1,019	70	0	1,090
5/27/2021	990	0	0	990
5/28/2021	1,033	0	0	1,033
5/29/2021	1,028	0	0	1,028
5/30/2021	1,063	0	0	1,064
5/31/2021	1,081	0	0	1,081
AVERAGE	1,050	2	0	1,052
<p>* Flows normalized to **Blower Outlet Flowmeter - EPA Method 2 measurement verified</p> <p>*** On 3/18/2016, the Bridgeton Landfill began separating the North Quarry gas to the Auxiliary Flare.</p> <p>On 10/8/19, the Bridgeton Landfill combined the North Quarry gas and the South Quarry Gas to the Main Flare</p>				

ATTACHMENT A-2

FLOW DATA GRAPHS

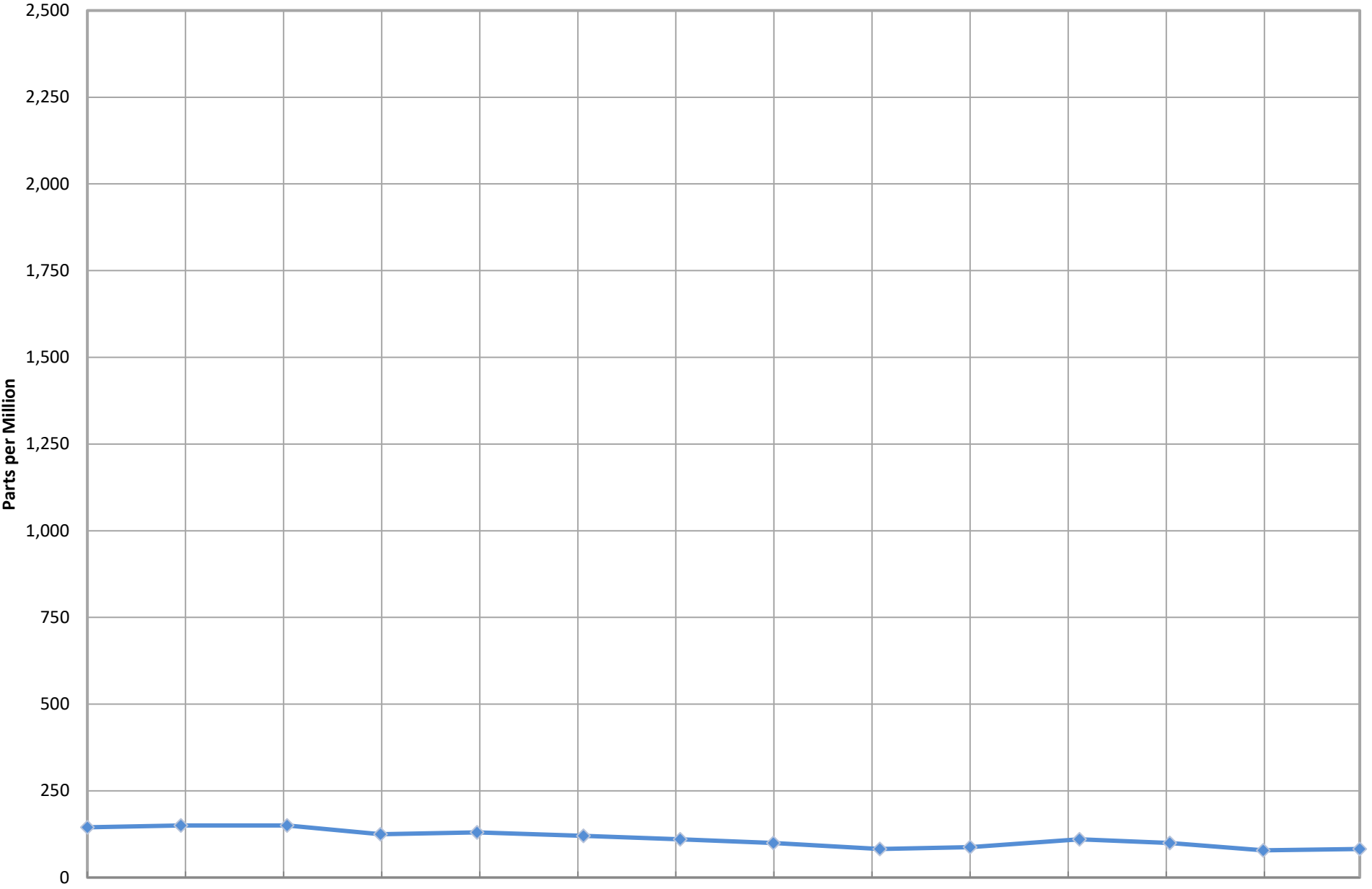
Combined Inlet Gas and Temperature*



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

Combined Inlet Carbon Monoxide*

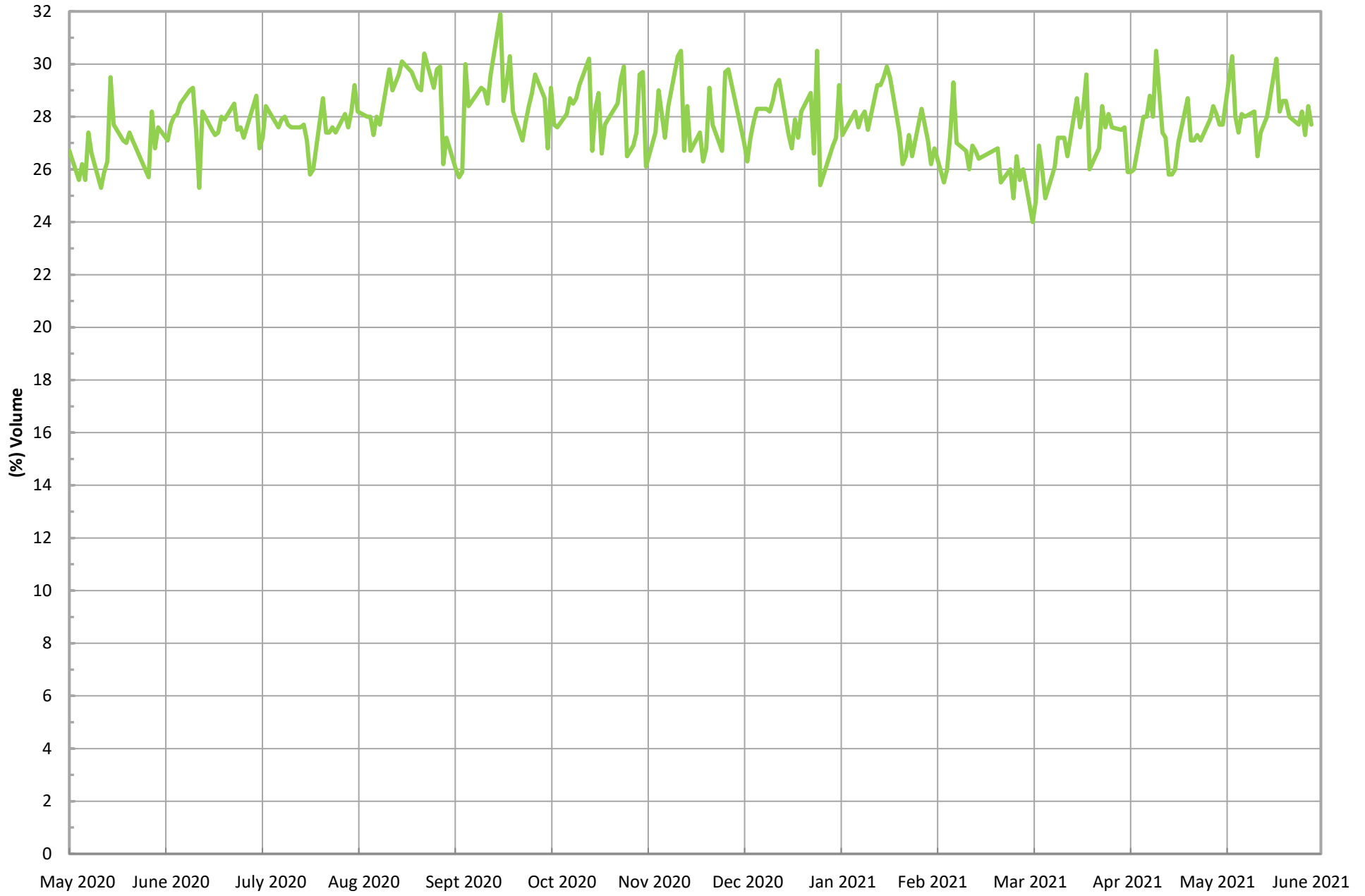


—◆— Inlet Carbon Monoxide*

*Data collected from Laboratory Reports.

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Combined Inlet Methane (Field Data)*

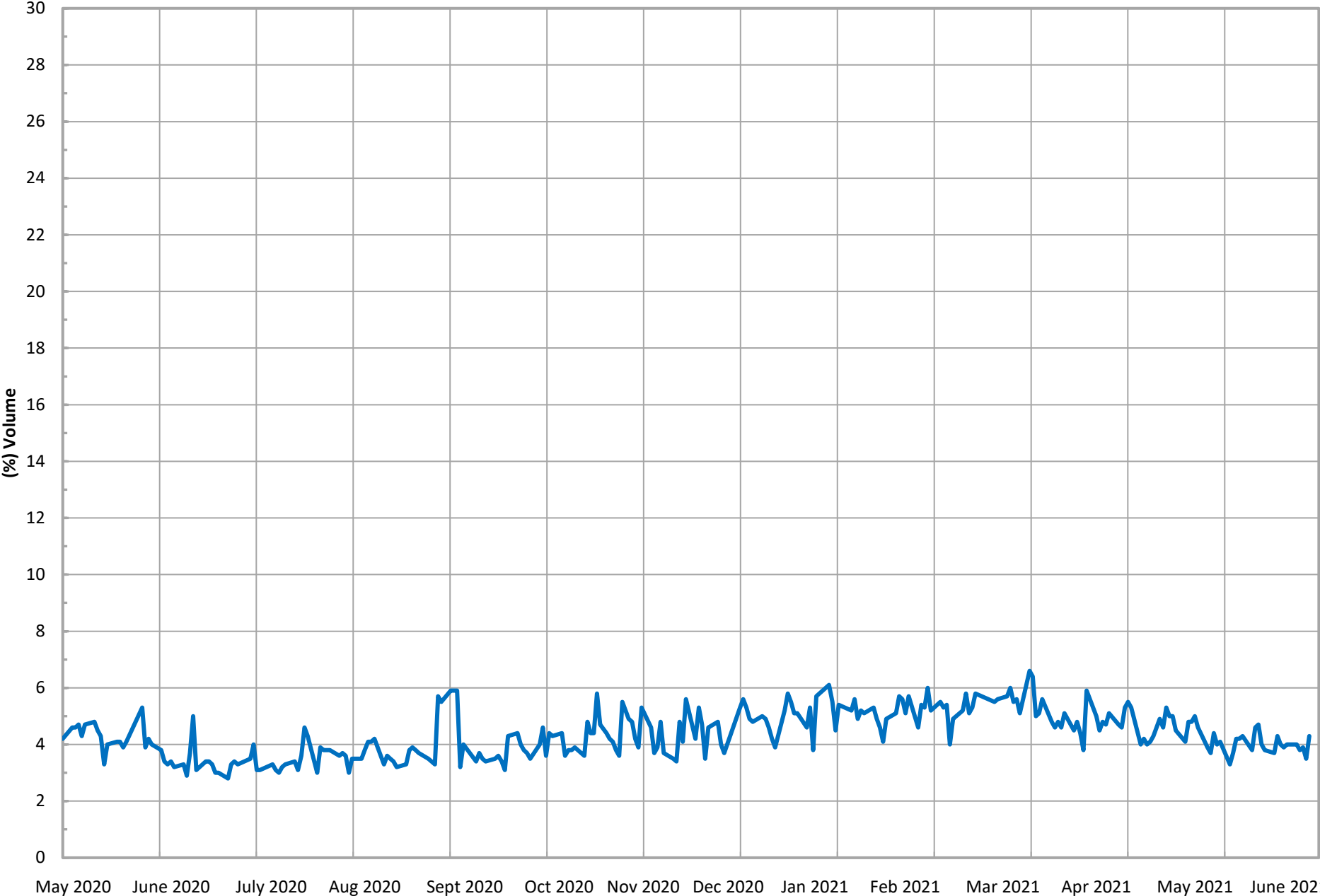


*Gas data collected from field monitoring data.

— Combined Inlet Methane (Field Data)*

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Combined Inlet Oxygen (Field Data)*

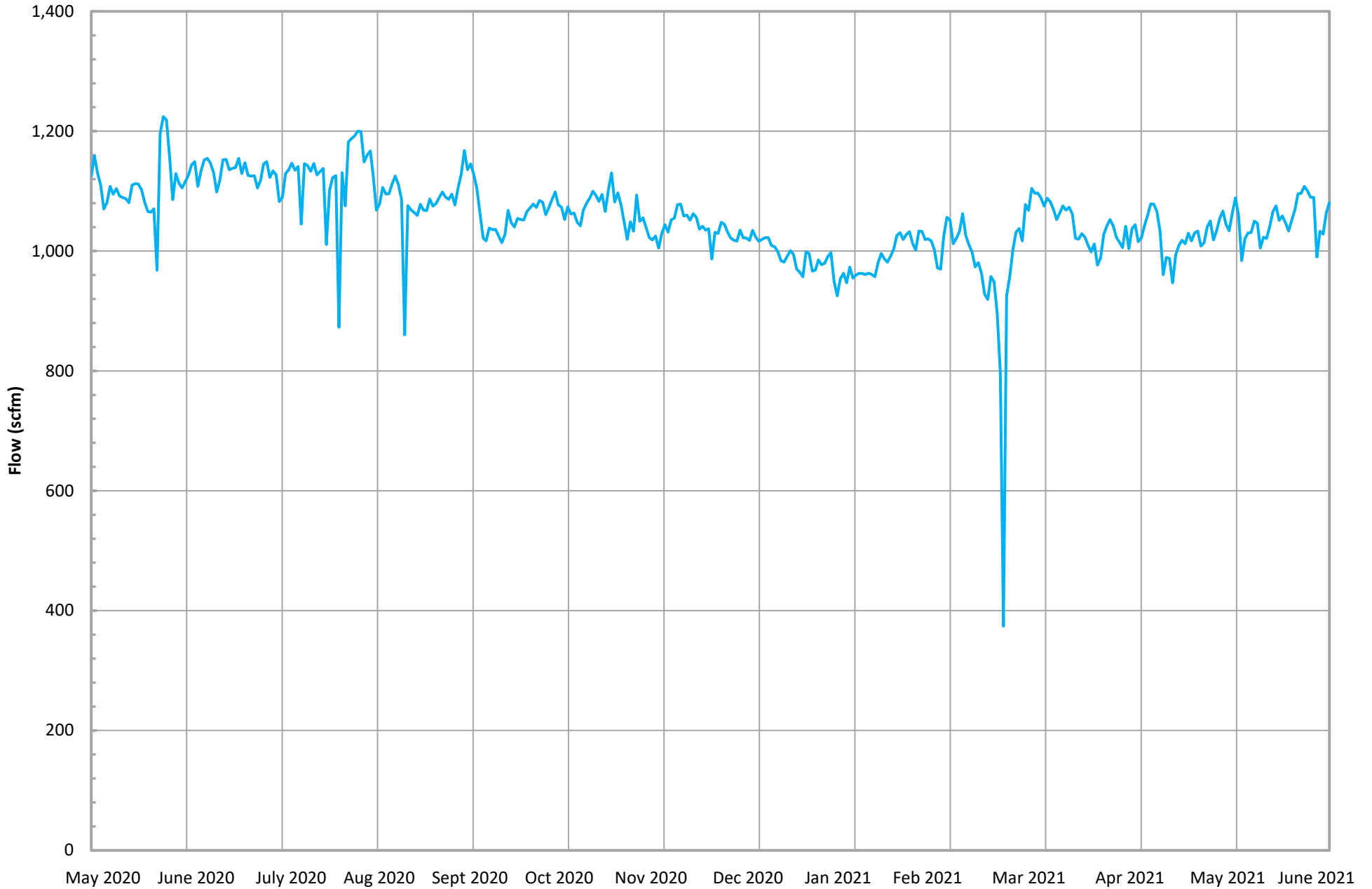


*Gas data collected from field monitoring data

— Combined Inlet Oxygen (Field Data)*

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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. On 10/8/19, the Auxillary Candelstick Flare was redirected to the Main Flare.

— Total Combined Flow (scfm)*

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ATTACHMENT B

WELL CONDITON/STATUS REPORT

May 2021

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	Non-Operational	Decommissioned
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 2021

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	Non-Operational	Decommissioned
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	Non-Operational	Decommissioned
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	Non-Operational	Decommissioned
GEW-152	Operational	
GEW-153	Operational	

May 2021

ID	Well Condition	Comments
GEW-154	Non-Operational	Decommissioned
GEW-155	Non-Operational	Decommissioned
GEW-156	Operational	
GEW-157	Operational	
GEW-158	Operational	
GEW-159	Non-Operational	Decommissioned
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	Non-Operational	Decommissioned
GEW-176	Non-Operational	Decommissioned
GEW-177	Operational	
GEW-178	Operational	
GEW-179	Operational	
GEW-180	Operational	
GEW-181	Operational	
GEW-182	Non-Operational	Decommissioned
GEW-184	Non-Operational	Decommissioned
GEW-185	Operational	
GEW-186	Operational	
GEW-187	Operational	
GEW-188	Non-Operational	Decommissioned
GEW-217	Operational	
GEW-218	Operational	
GEW-219	Non-Operational	Decommissioned
GEW-220	Operational	
GEW-221	Operational	
GEW-222	Operational	
GEW-223	Operational	
GEW-224	Operational	
GEW-225	Operational	
GEW-226	Operational	

May 2021

ID	Well Condition	Comments
GEW-227	Operational	
GEW-228	Non-Operational	Decommissioned
GEW-229	Non-Operational	Decommissioned
GEW-230	Non-Operational	Decommissioned
GEW-231	Non-Operational	Decommissioned
GEW-232	Operational	
GEW-233	Operational	
GEW-234	Operational	
GEW-235	Operational	
GEW-236	Operational	
GEW-237	Operational	
GEW-238	Operational	
GEW-239	Operational	
GEW-240	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	1/12/2021	50	39	ND	10	ND	ND	
GEW-002	2/9/2021	47	38	ND	14	ND	ND	
GEW-002	3/8/2021	48	38	ND	13	ND	ND	
GEW-002	4/14/2021	51	40	ND	8.9	ND	ND	
GEW-002	5/11/2021	49	39	ND	11	ND	ND	
GEW-02S	1/12/2021	51	38	ND	9.7	ND	ND	
GEW-02S	2/8/2021	55	38	ND	5.9	ND	ND	
GEW-02S	3/8/2021	52	36	ND	11	ND	ND	
GEW-02S	4/14/2021	53	37	ND	9.0	ND	ND	
GEW-02S	5/11/2021	51	36	ND	11	ND	ND	
GEW-003	1/12/2021	54	42	ND	3.7	ND	ND	
GEW-003	2/9/2021	52	42	ND	5.0	ND	ND	
GEW-003	3/8/2021	52	42	ND	5.6	ND	ND	
GEW-003	4/14/2021	52	42	ND	4.8	ND	ND	
GEW-003	5/12/2021	52	40	ND	6.4	ND	ND	
GEW-004	1/12/2021	50	41	ND	9.1	0.053	ND	
GEW-004	2/9/2021	50	40	ND	9.2	0.049	ND	
GEW-004	3/8/2021	52	38	ND	8.9	0.044	ND	
GEW-004	4/14/2021	54	40	ND	5.5	0.040	ND	
GEW-004	5/12/2021	53	40	ND	6.3	ND	ND	
GEW-005	1/12/2021	54	39	ND	7.1	ND	ND	
GEW-005	2/9/2021	47	37	ND	15	ND	ND	
GEW-005	3/8/2021	52	37	ND	11	ND	ND	
GEW-005	4/1/2021	45	36	ND	18	ND	ND	
GEW-005	5/12/2021	53	37	ND	8.9	ND	ND	
GEW-006	1/13/2021	52	39	ND	8.2	ND	ND	
GEW-006	2/9/2021	49	37	ND	12	ND	ND	
GEW-006	3/9/2021	53	37	ND	8.9	ND	ND	
GEW-006	4/1/2021	51	37	ND	11	ND	ND	
GEW-006	5/12/2021	56	38	ND	5.4	ND	ND	
GEW-007	1/13/2021	53	41	ND	5.0	ND	ND	
GEW-007	2/8/2021	53	41	ND	5.3	ND	ND	
GEW-007	3/9/2021	53	40	ND	5.7	ND	ND	
GEW-007	4/5/2021	52	41	ND	5.8	ND	ND	
GEW-007	5/10/2021	54	40	ND	5.6	ND	ND	
GEW-008	1/13/2021	52	43	ND	3.4	1.3	ND	
GEW-008	2/8/2021	51	43	ND	4.4	1.1	ND	
GEW-008	3/9/2021	50	40	ND	6.9	1.3	ND	
GEW-008	4/5/2021	51	42	ND	5.0	1.1	ND	
GEW-008	5/10/2021	51	42	ND	4.7	0.93	ND	
GEW-009	1/13/2021	51	42	ND	5.2	0.71	ND	
GEW-009	2/8/2021	49	42	ND	7.8	0.68	ND	
GEW-009	3/9/2021	50	43	ND	4.8	0.58	ND	
GEW-009	4/5/2021	48	40	ND	11	0.50	ND	
GEW-009	5/10/2021	49	41	ND	9.4	0.49	ND	
GEW-040	1/13/2021	53	33	ND	13	ND	ND	
GEW-040	2/8/2021	59	35	ND	5.2	ND	ND	
GEW-040	3/9/2021	49	32	ND	18	ND	ND	
GEW-040	4/5/2021	56	33	ND	11	ND	ND	
GEW-040	5/11/2021	58	33	ND	8.3	ND	ND	
GEW-041R	1/12/2021	48	33	ND	18	ND	ND	
GEW-041R	2/9/2021	49	34	ND	17	ND	ND	
GEW-041R	3/9/2021	51	34	ND	15	ND	ND	
GEW-041R	4/5/2021	47	33	ND	19	ND	ND	
GEW-041R	5/11/2021	49	33	ND	17	ND	ND	

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)					(ppm)	
GEW-042R	1/12/2021	52	37	ND	10	ND	ND	
GEW-042R	2/11/2021	56	42	ND	ND	ND	ND	
GEW-042R	3/8/2021	54	38	ND	7.2	ND	ND	
GEW-042R	4/5/2021	53	37	ND	9.3	ND	ND	
GEW-042R	5/11/2021	52	39	ND	8.1	ND	ND	
GEW-043R	12/9/2020	52	41	ND	6.6	0.11	ND	
GEW-043R	1/12/2021	51	40	ND	7.8	0.12	ND	
GEW-043R	2/9/2021	50	41	ND	7.7	0.11	ND	
GEW-043R	3/8/2021	53	40	ND	6.3	0.094	ND	
GEW-043R	4/14/2021	51	40	ND	8.0	0.13	ND	
GEW-043R	5/11/2021	51	39	ND	8.6	0.083	ND	
GEW-044	1/12/2021	34	31	ND	34	ND	ND	
GEW-044	2/8/2021	44	37	ND	18	ND	ND	
GEW-044	3/8/2021	42	32	ND	25	ND	ND	
GEW-044	4/14/2021	38	32	ND	29	ND	ND	
GEW-044	5/12/2021	36	31	ND	32	ND	ND	
GEW-045R	1/12/2021	49	38	ND	13	ND	ND	
GEW-045R	2/9/2021	49	38	ND	13	ND	ND	
GEW-045R	3/8/2021	50	36	ND	12	ND	ND	
GEW-045R	4/14/2021	51	37	ND	11	ND	ND	
GEW-045R	5/11/2021	52	37	ND	10.0	ND	ND	
GEW-046R	1/12/2021	51	41	ND	7.0	0.044	ND	
GEW-046R	2/9/2021	45	36	2.3	17	0.039	ND	
GEW-046R	2/24/2021	50	40	ND	9.4	ND	ND	
GEW-046R	3/8/2021	50	39	ND	9.3	ND	ND	
GEW-046R	4/14/2021	51	40	ND	7.6	0.036	ND	
GEW-046R	5/11/2021	51	39	ND	9.2	0.035	ND	
GEW-047R	1/12/2021	47	40	ND	13	ND	ND	
GEW-047R	2/9/2021	43	36	3.4	17	ND	ND	See Note 3
GEW-047R	2/24/2021	48	39	1.7	11	ND	ND	
GEW-047R	3/8/2021	50	39	ND	11	ND	ND	
GEW-047R	4/1/2021	46	38	ND	16	ND	ND	
GEW-047R	5/12/2021	52	43	ND	4.2	ND	ND	
GEW-048	1/12/2021	52	39	ND	7.9	ND	ND	
GEW-048	2/9/2021	51	40	ND	8.5	ND	ND	
GEW-048	3/8/2021	52	39	ND	7.6	0.033	ND	
GEW-048	4/1/2021	52	38	ND	8.9	ND	ND	
GEW-048	5/12/2021	55	39	ND	4.6	ND	ND	
GEW-049	1/12/2021	37	34	ND	28	ND	ND	
GEW-049	2/8/2021	50	40	ND	9.0	ND	ND	
GEW-049	3/8/2021	46	35	ND	18	ND	ND	
GEW-049	4/5/2021	45	34	ND	20	ND	ND	
GEW-049	5/11/2021	48	35	ND	16	ND	ND	
GEW-050	1/13/2021	51	38	ND	9.9	ND	ND	
GEW-050	2/8/2021	48	38	ND	14	ND	ND	
GEW-050	3/9/2021	51	37	ND	11	ND	ND	
GEW-050	4/1/2021	45	34	ND	20	ND	ND	
GEW-050	5/10/2021	54	38	ND	6.4	ND	ND	
GEW-051	1/13/2021	53	42	ND	3.5	1.2	ND	
GEW-051	2/8/2021	52	44	ND	ND	1.6	ND	
GEW-051	3/9/2021	53	42	ND	ND	1.5	ND	
GEW-051	4/5/2021	53	41	ND	3.9	0.86	ND	
GEW-051	5/11/2021	53	40	ND	4.9	0.77	ND	
GEW-052	1/13/2021	49	39	ND	11	ND	ND	
GEW-052	2/8/2021	47	38	ND	13	ND	ND	

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)						
GEW-052	3/9/2021	49	38	ND	12	ND	ND	
GEW-052	4/5/2021	47	36	ND	16	ND	ND	
GEW-052	5/10/2021	49	35	ND	15	ND	ND	
GEW-053	1/13/2021	48	42	ND	5.4	3.3	47	
GEW-053	2/8/2021	46	43	ND	6.1	4.3	58	
GEW-053	2/19/2021	25	30	ND	38	5.4	590	
GEW-053	2/24/2021	41	40	ND	10	6.8	100	
GEW-053	3/16/2021	45	43	ND	ND	8.5	69	
GEW-053	3/31/2021	47	42	ND	5.3	4.5	59	
GEW-053	4/16/2021	47	41	ND	6.3	4.0	59	
GEW-053	5/11/2021	49	42	ND	5.1	3.2	49	
GEW-054	1/13/2021	51	43	ND	3.9	1.4	ND	
GEW-054	2/8/2021	51	43	ND	4.0	1.5	ND	
GEW-054	3/9/2021	51	42	ND	4.1	1.4	ND	
GEW-054	4/5/2021	50	43	ND	4.7	1.3	ND	
GEW-054	5/11/2021	49	40	1.8	8.0	1.3	ND	
GEW-054	5/25/2021	50	42	ND	5.7	1.3	ND	
GEW-055	1/13/2021	51	42	ND	4.9	1.3	ND	
GEW-055	2/8/2021	50	43	ND	4.9	1.4	ND	
GEW-055	3/9/2021	51	44	ND	ND	2.3	ND	
GEW-055	4/5/2021	51	41	ND	5.6	1.0	ND	
GEW-055	5/11/2021	51	41	ND	6.4	0.98	ND	
Flare Station ²	1/6/2021	26.5	34.5	5.7	28.5	4.6	82	See Note 9
Flare Station ²	2/3/2021	27.0	35.0	5.1	27.5	4.8	88	See Note 9
Flare Station ²	3/9/2021	27.0	35.0	4.9	28.0	4.9	110	See Note 9
Flare Station ²	4/6/2021	28.0	37.0	4.1	25.0	5.0	100	See Note 9
Flare Station ²	5/5/2021	26.5	35.5	4.6	28.0	4.8	79	See Note 9

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. (9) On 10/8/19 the North Quarry and South Quarry Flares were combined.

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	1/6/2021	53	41	ND	4.9	0.057	ND	
GEW-010	2/11/2021	55	42	ND	ND	0.035	ND	
GEW-010	3/8/2021	53	40	ND	5.5	0.034	ND	
GEW-010	4/7/2021	54	43	ND	ND	0.041	ND	
GEW-010	5/12/2021	54	41	ND	3.7	0.034	ND	
GEW-013A	1/7/2021	5.6	62	ND	5.0	25	590	
GEW-013A	4/5/2021	7.3	59	ND	5.2	26	560	
GEW-015	1/7/2021	26	45	1.6	12	16	270	
GEW-015	4/5/2021	23	44	ND	17	15	230	
GEW-016R	1/7/2021	9.6	50	ND	14	25	510	
GEW-016R	4/5/2021	9.4	47	ND	19	23	470	
GEW-018B	1/8/2021	1.4	45	3.0	11	39	460	
GEW-018B	4/12/2021	1.5	48	ND	ND	44	460	
GEW-019A	1/11/2021	1.4	55	5.0	18	21	730	See Note 4
GEW-019A	4/8/2021	2.3	51	6.2	24	16	600	See Note 4
GEW-039	1/6/2021	35	35	2.3	28	ND	ND	
GEW-039	2/10/2021	39	37	1.7	22	ND	ND	
GEW-039	3/8/2021	35	34	2.4	29	ND	ND	
GEW-039	4/7/2021	33	37	ND	28	ND	ND	
GEW-039	5/12/2021	27	32	2.2	39	ND	ND	
GEW-056R	1/6/2021	46	41	ND	9.0	2.8	31	
GEW-056R	2/10/2021	48	42	ND	6.6	3.0	34	
GEW-056R	3/8/2021	44	39	ND	13	2.7	ND	
GEW-056R	4/7/2021	47	44	ND	5.9	2.7	ND	
GEW-056R	5/12/2021	37	37	ND	22	2.4	ND	
GEW-057B	1/13/2021	7.8	48	ND	4.9	37	420	
GEW-057B	4/8/2021	11	42	3.1	11	32	440	
GEW-059R	1/8/2021	25	38	ND	13	22	280	
GEW-059R	4/5/2021	23	35	ND	22	19	280	
GEW-067A	1/7/2021	7.2	45	1.8	11	34	360	
GEW-067A	4/5/2021	5.2	48	ND	4.1	40	390	
GEW-068A	1/14/2021	24	47	ND	ND	25	620	
GEW-068A	4/9/2021	24	45	ND	5.5	25	650	
GEW-078R	1/8/2021	28	36	2.3	19	15	380	
GEW-078R	4/12/2021	25	36	ND	22	16	390	
GEW-082R	1/11/2021	10	28	4.5	37	20	440	
GEW-082R	4/8/2021	5.0	36	ND	28	29	660	
GEW-086	1/18/2021	7.8	29	4.5	40	19	260	
GEW-086	4/5/2021	7.1	21	6.3	51	14	190	See Note 4
GEW-087	1/7/2021	8.7	48	2.7	20	20	410	
GEW-087	4/5/2021	3.7	61	ND	ND	28	610	
GEW-088	1/7/2021	1.7	43	ND	5.3	49	810	
GEW-088	4/5/2021	1.8	40	ND	11	44	740	
GEW-090	1/7/2021	25	36	2.0	18	19	270	
GEW-090	4/5/2021	24	38	ND	18	19	290	
GEW-091	1/6/2021	2.3	44	2.6	9.1	41	270	
GEW-091	2/11/2021	2.7	48	ND	4.3	42	340	
GEW-091	3/15/2021	3.2	48	ND	ND	42	350	
GEW-091	4/7/2021	2.7	49	ND	ND	41	290	
GEW-091	5/12/2021	3.0	49	ND	ND	41	280	
GEW-100	1/14/2021	14	54	2.7	9.2	20	260	
GEW-100	4/12/2021	28	34	6.2	25	6.7	65	See Note 4
GEW-101	1/14/2021	33	59	ND	5.9	ND	ND	
GEW-101	4/12/2021	32	63	ND	4.0	ND	ND	

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)						
GEW-102	1/13/2021	17	27	9.2	32	13	ND	See Note 4
GEW-102	4/12/2021	49	41	2.2	7.4	0.13	ND	
GEW-104	1/13/2021	1.7	51	ND	ND	42	370	
GEW-104	4/8/2021	9.8	40	4.6	19	27	270	
GEW-105	1/11/2021	43	44	ND	3.2	8.7	110	
GEW-105	4/7/2021	45	41	2.7	9.5	1.6	ND	
GEW-106	1/11/2021	10.0	40	5.4	21	24	330	See Note 4
GEW-106	4/7/2021	17	55	ND	6.7	19	190	
GEW-107	1/11/2021	45	49	ND	ND	3.6	96	
GEW-107	4/7/2021	43	48	ND	4.6	3.2	84	
GEW-108	1/6/2021	40	43	ND	3.7	12	150	
GEW-108	2/11/2021	42	44	ND	ND	12	160	
GEW-108	3/8/2021	40	42	ND	3.6	13	160	
GEW-108	4/7/2021	40	45	ND	ND	11	140	
GEW-108	5/12/2021	42	44	ND	3.5	8.9	110	
GEW-109	1/6/2021	46	39	2.3	12	0.25	ND	
GEW-109	2/11/2021	49	40	1.8	9.0	0.16	ND	
GEW-109	3/8/2021	48	38	2.1	12	0.15	ND	
GEW-109	4/7/2021	47	39	2.1	12	0.13	ND	
GEW-109	5/12/2021	48	39	2.0	12	0.087	ND	
GEW-110	1/6/2021	47	44	ND	4.8	3.7	39	
GEW-110	2/10/2021	47	44	1.6	5.9	2.3	44	
GEW-110	3/8/2021	46	42	1.9	7.2	2.3	39	
GEW-110	4/7/2021	44	48	ND	ND	4.6	66	
GEW-110	5/12/2021	44	46	ND	6.3	2.9	45	
GEW-113	1/7/2021	12	56	1.9	10	19	450	
GEW-113	4/5/2021	13	55	ND	11	19	440	
GEW-116	1/8/2021	33	59	ND	4.4	1.2	40	
GEW-116	4/8/2021	37	58	ND	3.4	0.53	ND	
GEW-117	1/11/2021	31	47	2.6	18	1.0	89	
GEW-117	4/8/2021	33	54	ND	11	0.97	96	
GEW-118	1/11/2021	2.2	53	ND	4.8	38	520	
GEW-118	4/8/2021	1.6	54	ND	4.9	36	390	
GEW-120	1/11/2021	39	42	2.3	16	0.11	ND	
GEW-120	4/8/2021	12	28	3.2	57	0.073	ND	
GEW-121	1/11/2021	37	47	1.4	11	3.3	120	
GEW-121	4/8/2021	36	45	ND	14	3.9	140	
GEW-122	1/11/2021	39	33	3.3	16	8.5	240	
GEW-122	4/8/2021	42	38	ND	8.2	11	320	
GEW-123	1/11/2021	33	54	ND	11	0.63	85	
GEW-123	4/8/2021	38	57	ND	3.7	0.27	34	
GEW-124	1/11/2021	34	25	9.0	31	ND	ND	See Note 4
GEW-124	4/8/2021	44	32	5.3	19	ND	ND	
GEW-125	1/13/2021	47	45	1.8	6.1	ND	ND	
GEW-125	4/9/2021	40	35	1.9	24	ND	ND	
GEW-126	1/13/2021	21	54	3.7	13	7.5	550	
GEW-126	4/9/2021	28	30	2.1	40	0.24	ND	
GEW-127	1/14/2021	15	28	11	43	3.9	200	See Note 3
GEW-127	4/9/2021	26	51	ND	3.6	17	700	
GEW-129	1/14/2021	37	52	ND	7.9	0.99	72	
GEW-129	4/12/2021	35	50	ND	12	1.6	120	
GEW-130	1/14/2021	25	38	2.9	20	14	590	
GEW-130	4/9/2021	23	39	ND	22	15	690	
GEW-131	1/13/2021	41	41	ND	5.3	11	340	
GEW-131	4/9/2021	42	43	ND	ND	12	370	

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)						
GEW-132	1/11/2021	20	34	1.7	29	14	440	
GEW-132	4/8/2021	13	23	8.2	44	11	320	See Note 3
GEW-133	1/8/2021	11	40	2.1	33	14	410	
GEW-133	4/8/2021	16	48	ND	21	14	370	
GEW-134	1/8/2021	9.9	34	3.4	38	14	300	
GEW-134	4/5/2021	12	42	ND	25	18	370	
GEW-135	1/8/2021	4.8	45	1.6	21	28	470	
GEW-135	4/5/2021	3.2	48	ND	13	34	570	
GEW-137	1/8/2021	41	41	1.8	16	ND	ND	
GEW-137	4/12/2021	40	43	ND	16	ND	ND	
GEW-139	1/15/2021	8.5	47	2.0	6.6	36	1,300	
GEW-139	4/9/2021	3.4	38	5.9	21	31	1,200	See Note 4
GEW-140	1/15/2021	23	46	ND	ND	28	650	
GEW-140	4/9/2021	32	44	ND	4.7	17	390	
GEW-144	1/14/2021	39	37	5.3	19	0.23	ND	See Note 4
GEW-144	4/13/2021	19	17	14	49	0.068	ND	See Note 4
GEW-145	1/13/2021	28	41	2.3	8.3	18	66	
GEW-145	4/9/2021	24	42	3.1	11	20	60	
GEW-147	1/25/2021	16	44	ND	19	20	360	
GEW-147	4/5/2021	14	41	ND	26	18	330	
GEW-148	1/7/2021	24	45	2.3	8.0	21	610	
GEW-148	4/5/2021	23	50	ND	4.7	21	620	
GEW-149	1/7/2021	3.2	14	6.6	76	ND	ND	See Note 3
GEW-149	4/5/2021	3.7	15	3.4	78	ND	ND	
GEW-150	1/11/2021	30	45	ND	7.0	17	240	
GEW-150	4/8/2021	23	38	4.4	20	15	220	
GEW-151	10/5/2020	7.7	34	4.8	30	24	420	
GEW-152	1/11/2021	24	45	2.4	12	17	340	
GEW-152	4/7/2021	24	42	2.7	14	17	310	
GEW-153	1/8/2021	31	33	ND	31	3.2	56	
GEW-153	4/12/2021	30	32	ND	35	2.0	56	
GEW-156	1/25/2021	28	45	ND	5.1	21	370	
GEW-156	4/5/2021	24	39	2.2	20	15	260	
GEW-157	1/13/2021	34	42	ND	4.9	18	170	
GEW-157	4/8/2021	24	40	2.0	6.8	27	310	
GEW-158	1/11/2021	32	44	ND	8.4	13	210	
GEW-158	4/7/2021	28	45	ND	9.5	16	260	
GEW-160	1/6/2021	29	34	2.2	24	10.0	140	
GEW-160	2/11/2021	30	36	1.4	22	10	140	
GEW-160	3/8/2021	33	34	ND	22	9.1	130	
GEW-160	4/7/2021	31	36	ND	22	9.1	130	
GEW-160	5/12/2021	31	33	2.0	26	7.9	95	
GEW-161	1/6/2021	12	46	1.9	9.2	31	610	
GEW-161	2/11/2021	15	47	ND	8.7	29	600	
GEW-161	3/8/2021	15	45	ND	8.3	30	620	
GEW-161	4/7/2021	16	45	ND	9.7	28	490	
GEW-161	5/12/2021	20	42	ND	13	24	380	
GEW-162	1/6/2021	19	59	1.5	7.0	13	360	
GEW-162	2/11/2021	21	62	ND	4.7	12	370	
GEW-162	3/8/2021	19	57	1.9	12	10	320	
GEW-162	4/7/2021	22	61	ND	7.6	8.3	250	
GEW-162	5/12/2021	22	57	ND	16	4.0	190	
GEW-163	1/11/2021	24	39	4.0	33	0.16	ND	
GEW-163	4/8/2021	37	60	ND	ND	ND	ND	
GEW-164	1/11/2021	36	50	ND	12	ND	ND	
GEW-164	4/8/2021	40	50	ND	8.6	ND	ND	

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)						
GEW-165	1/13/2021	24	50	3.6	15	6.6	160	
GEW-165	4/8/2021	26	53	2.3	11	6.7	180	
GEW-166	1/13/2021	2.4	57	ND	3.6	35	2,000	
GEW-166	4/8/2021	2.0	56	ND	4.0	36	1,800	
GEW-167	1/13/2021	9.0	47	ND	5.6	37	1,400	
GEW-167	4/9/2021	16	45	ND	6.0	32	1,100	
GEW-168	1/13/2021	45	48	ND	4.9	0.11	ND	
GEW-168	4/9/2021	40	43	3.5	13	ND	ND	
GEW-169	1/13/2021	33	53	ND	3.6	9.7	400	
GEW-169	4/9/2021	35	47	1.9	9.5	7.0	320	
GEW-170	1/14/2021	12	33	6.6	37	11	450	See Note 4
GEW-170	4/9/2021	12	26	8.7	48	4.6	260	
GEW-171	1/14/2021	24	43	6.2	25	1.6	85	See Note 4
GEW-171	4/13/2021	20	53	1.8	6.8	18	480	
GEW-172	1/14/2021	14	46	3.3	11	25	950	
GEW-172	4/9/2021	37	41	1.8	8.1	12	240	
GEW-174	1/15/2021	4.5	37	5.6	20	33	800	See Note 4
GEW-174	4/9/2021	15	30	1.7	46	7.4	97	
GEW-175	1/11/2021	21	21	7.0	50	0.50	70	See Note 4
GEW-175	4/8/2021	1.6	5.6	18	75	0.12	67	See Note 4
GEW-177	1/14/2021	14	41	4.3	27	13	710	
GEW-177	4/12/2021	23	46	1.9	17	11	520	
GEW-178	1/13/2021	46	47	ND	5.9	ND	ND	
GEW-178	4/8/2021	50	40	ND	8.6	ND	ND	
GEW-179	1/13/2021	46	51	ND	ND	ND	ND	
GEW-179	4/12/2021	38	40	2.1	19	ND	ND	
GEW-180	1/13/2021	38	54	1.8	6.3	ND	ND	
GEW-180	4/12/2021	37	58	ND	3.8	ND	ND	
GEW-181	1/14/2021	26	61	2.9	10	ND	ND	
GEW-181	4/12/2021	29	67	ND	ND	ND	ND	
GEW-185	1/11/2021	36	50	ND	13	ND	ND	
GEW-185	4/8/2021	0.075	0.41	22	78	ND	ND	See Note 3
GEW-186	1/14/2021	37	45	2.7	15	0.27	ND	
GEW-186	4/9/2021	44	44	1.9	9.7	0.066	ND	
GEW-187	1/6/2021	43	49	ND	5.0	1.2	ND	
GEW-187	2/11/2021	46	51	ND	ND	1.3	ND	
GEW-187	3/8/2021	45	47	ND	5.4	1.1	ND	
GEW-187	4/7/2021	45	51	ND	ND	0.98	ND	
GEW-187	5/12/2021	42	50	ND	6.7	0.79	ND	
GEW-217	1/13/2021	6.4	47	2.7	9.2	34	400	
GEW-217	4/8/2021	27	39	4.4	15	13	140	
GEW-218	1/13/2021	31	46	ND	6.6	15	270	
GEW-218	4/9/2021	11	54	ND	15	18	490	
GEW-220	1/13/2021	20	48	ND	ND	29	430	
GEW-220	4/14/2021	32	46	ND	5.2	15	380	
GEW-221	1/14/2021	20	53	ND	ND	24	350	
GEW-221	4/9/2021	30	48	2.4	17	2.6	47	
GEW-222	1/14/2021	47	39	2.7	9.3	2.0	58	
GEW-222	4/9/2021	56	39	ND	3.9	0.092	ND	
GEW-223	1/14/2021	28	60	2.3	8.0	1.3	210	
GEW-223	4/9/2021	35	58	ND	4.8	0.44	93	
GEW-224	1/14/2021	33	52	2.7	9.7	2.3	200	
GEW-224	4/9/2021	37	56	ND	ND	2.4	200	
GEW-225	1/14/2021	29	42	2.6	9.6	17	400	
GEW-225	4/9/2021	24	39	3.1	18	16	510	
GEW-226	1/15/2021	37	45	ND	ND	15	510	
GEW-226	4/9/2021	38	41	ND	7.1	13	380	

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)						
GEW-227	1/8/2021	6.8	33	4.5	33	22	430	
GEW-227	4/8/2021	2.6	39	1.9	24	32	610	
GEW-228	1/8/2021	1.9	9.0	15	71	2.7	39	See Note 4
GEW-229	1/8/2021	1.4	13	8.1	77	0.61	ND	See Note 4
GEW-232	1/7/2021	25	55	ND	8.7	10.0	220	
GEW-232	4/5/2021	23	48	2.1	21	4.3	140	
GEW-233	1/8/2021	2.2	27	7.3	46	17	390	See Note 4
GEW-233	4/5/2021	4.2	33	3.6	35	22	460	
GEW-234	1/11/2021	11	43	ND	21	23	620	
GEW-234	4/8/2021	13	35	ND	34	15	340	
GEW-235	1/11/2021	27	48	1.5	12	11	210	
GEW-235	4/8/2021	18	54	ND	4.3	22	290	
GEW-236	1/15/2021	1.2	45	ND	ND	49	310	
GEW-236	4/12/2021	1.1	38	2.9	9.9	47	340	
GEW-237	1/11/2021	50	45	ND	ND	2.2	54	
GEW-237	4/8/2021	30	32	5.6	31	1.6	57	See Note 4
GEW-238	1/7/2021	11	56	1.5	9.4	22	520	
GEW-238	4/5/2021	11	56	ND	9.0	22	480	
GEW-239	1/7/2021	1.4	47	ND	3.5	46	800	
GEW-239	4/5/2021	0.82	28	8.4	34	28	480	See Note 3
GEW-240	1/15/2021	21	33	ND	29	15	270	
GEW-240	4/12/2021	1.5	22	4.6	61	11	150	
GEW-241	1/13/2021	35	39	3.8	21	0.036	ND	
GEW-241	4/8/2021	35	42	ND	21	ND	ND	
GEW-242	1/15/2021	19	49	ND	4.4	26	420	
GEW-242	4/9/2021	9.2	29	9.6	33	18	220	See Note 4
GEW-243	1/13/2021	19	66	ND	3.3	10	560	
GEW-243	4/9/2021	25	41	2.2	28	3.2	310	
GEW-244	1/13/2021	23	56	ND	4.7	14	400	
GEW-244	4/12/2021	31	50	ND	16	2.3	120	
GEW-245	1/11/2021	21	63	ND	3.8	11	760	
GEW-245	4/8/2021	11	65	ND	ND	20	1,100	
GEW-246	1/7/2021	17	54	ND	4.6	23	560	
GEW-246	4/5/2021	26	50	ND	14	8.1	170	
GEW-247	1/11/2021	36	43	ND	3.7	17	350	
GEW-247	4/7/2021	8.6	46	ND	5.5	38	930	
GEW-248	1/15/2021	7.1	27	4.7	46	15	380	
GEW-248	4/7/2021	9.3	18	10.0	62	0.80	ND	See Note 4
GEW-249	1/11/2021	38	55	ND	ND	3.7	88	
GEW-249	4/8/2021	39	54	ND	3.9	1.9	37	
GEW-250	1/8/2021	0.65	20	10	59	9.1	150	See Note 4
GEW-250	4/5/2021	2.8	26	6.6	50	14	220	See Note 4
GEW-251	1/7/2021	5.8	47	ND	15	30	440	
GEW-251	4/13/2021	3.7	23	8.0	50	15	230	See Note 4
GEW-252	1/13/2021	28	48	ND	ND	21	210	
GEW-252	4/8/2021	33	42	2.0	8.5	14	150	
GEW-253	1/8/2021	2.4	16	11	62	7.9	160	See Note 4
GEW-253	4/12/2021	0.28	10	14	72	3.8	87	See Note 4
GIW-01	1/6/2021	31	53	ND	6.1	9.1	240	
GIW-01	2/8/2021	29	51	1.6	8.4	9.2	250	
GIW-01	3/8/2021	29	52	ND	7.6	11	280	
GIW-01	4/7/2021	32	51	ND	7.0	8.6	230	
GIW-01	5/12/2021	28	52	ND	9.5	9.3	230	
GIW-02	1/6/2021	13	55	1.6	16	15	490	
GIW-02	2/8/2021	16	57	ND	12	13	440	
GIW-02	3/8/2021	17	50	1.7	19	12	410	
GIW-02	4/7/2021	17	60	ND	8.0	14	460	

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)						
GIW-02	5/12/2021	14	54	2.0	20	9.0	350	
GIW-03	1/6/2021	23	43	1.7	20	12	290	
GIW-03	2/8/2021	23	42	2.0	21	12	310	
GIW-03	3/8/2021	24	43	ND	19	13	330	
GIW-03	4/7/2021	26	44	ND	16	12	310	
GIW-03	5/12/2021	25	42	ND	19	12	280	
GIW-04	1/6/2021	25	43	1.9	8.7	22	400	
GIW-04	2/8/2021	24	40	2.5	8.8	24	500	
GIW-04	3/8/2021	26	42	1.6	9.3	21	380	
GIW-04	4/7/2021	26	44	ND	8.1	21	370	
GIW-04	5/12/2021	29	43	ND	7.2	19	300	
GIW-05	1/6/2021	33	37	1.8	18	9.8	100	
GIW-05	2/9/2021	33	37	1.9	18	9.4	110	
GIW-05	3/8/2021	33	38	ND	17	11	100	
GIW-05	4/7/2021	29	43	ND	18	8.2	91	
GIW-05	5/12/2021	34	37	ND	19	8.2	79	
GIW-06	1/6/2021	36	37	2.1	22	3.5	ND	
GIW-06	2/9/2021	3.0	50	1.4	5.0	40	230	
GIW-06	3/8/2021	37	38	ND	20	3.7	33	
GIW-06	4/7/1931	34	40	ND	22	3.0	ND	
GIW-06	5/12/2021	36	39	ND	22	2.8	ND	
GIW-07	1/6/2021	49	45	ND	5.0	ND	ND	
GIW-07	2/9/2021	46	43	2.2	8.9	0.21	ND	
GIW-07	3/8/2021	48	47	ND	4.4	ND	ND	
GIW-07	4/7/2021	47	46	ND	6.2	ND	ND	
GIW-07	5/12/2021	46	46	ND	6.4	ND	ND	
GIW-08	1/6/2021	48	42	ND	9.2	ND	ND	
GIW-08	2/10/2020	49	41	ND	8.4	ND	ND	
GIW-08	3/8/2021	46	40	1.8	11	ND	ND	
GIW-08	4/7/2021	48	43	ND	8.2	ND	ND	
GIW-08	5/12/2021	48	42	ND	9.2	ND	ND	
GIW-09	1/6/2021	35	39	ND	16	8.2	61	
GIW-09	2/10/2021	39	40	ND	11	9.2	71	
GIW-09	3/8/2021	33	37	1.9	19	8.4	62	
GIW-09	4/7/2021	37	40	ND	15	7.8	48	
GIW-09	5/12/2021	38	39	ND	14	7.6	49	
GIW-10	1/6/2021	30	32	ND	30	7.1	78	
GIW-10	2/10/2021	32	34	ND	25	7.8	93	
GIW-10	3/8/2021	29	31	2.0	31	6.5	74	
GIW-10	4/7/2021	30	34	ND	30	4.7	60	
GIW-10	5/12/2021	31	33	ND	31	4.2	52	
GIW-11	1/6/2021	27	30	2.5	39	2.1	140	
GIW-11	2/10/2021	34	34	ND	24	6.5	75	
GIW-11	3/8/2021	25	29	2.6	42	2.1	91	
GIW-11	4/7/2021	27	30	2.5	39	1.8	55	
GIW-11	5/12/2021	24	29	2.0	43	1.6	67	
GIW-12	1/6/2021	34	35	2.0	26	2.6	52	
GIW-12	2/10/2021	32	36	2.1	26	3.6	74	
GIW-12	3/8/2021	30	33	2.5	31	2.9	61	
GIW-12	4/7/2021	36	36	ND	24	2.7	39	
GIW-12	5/12/2021	25	32	2.0	40	1.7	ND	

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)						
GIW-13	1/6/2021	43	45	ND	6.8	4.1	42	
GIW-13	2/10/2021	45	45	ND	4.2	5.6	41	
GIW-13	3/8/2021	43	40	2.6	11	3.6	37	
GIW-13	4/7/2021	47	45	ND	3.4	4.0	36	
GIW-13	5/12/2021	43	41	ND	11	3.3	32	

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



May 25, 2021

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



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

LABORATORY TEST RESULTS

Project Reference: Bridgeton Landfill
Lab Number: M051702-01/49

Enclosed are results for sample(s) received 5/17/21 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, Erin Fanning and Anthony Kimutis; Michele Clark, Dustin Thoenen and Don Murphy, Weaver Consultants Group; and Jan Feezor and Dan Feezor, Feezor Engineering on 5/24/21.

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,

A handwritten signature in blue ink, appearing to read "Mark Johnson".

Mark Johnson
Operations Manager
MJohnson@AirTechLabs.com

Enclosures

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



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		DELIVERABLES	PAGE: 1 OF 6
Standard <input type="checkbox"/>	48 hours <input type="checkbox"/>	EDD <input checked="" type="checkbox"/>	Condition upon receipt: Sealed Yes <input type="checkbox"/> No <input type="checkbox"/> Intact Yes <input type="checkbox"/> No <input type="checkbox"/> Chilled _____ deg C
Same Day <input type="checkbox"/>	72 hours <input type="checkbox"/>	EDF <input type="checkbox"/>	
24 hours <input type="checkbox"/>	96 hours <input type="checkbox"/>	Level 3 <input type="checkbox"/>	
Other: 5 Day		Level 4 <input type="checkbox"/>	

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	ANALYSIS REQUEST
P.O. No.: PO7112802	D1946 + CO, H2
Bill to: Republic Services	
Attn: Mike Lambrich	
13570 St. Charles Rock Rd. Bridgeton, MO 63044	

LAB USE ONLY	Cannister Pressure ("hg)			SAMPLE IDENTIFICATION	SAMPLE DATE	SAMPLE TIME	CONTAINER QTY/TYPE	MATRIX	PRESERVATION	D1946 + CO, H2						
	Cannister ID	Sample Start	Sample End													
M051702-01	A7797	-20.2	-5	GEW 50	5/10/2021	10:23	C	LFG	NA	X						5
-02	A7645	-20.4	-5	GEW 52	5/10/2021	011:33	C	LFG	NA	X						5
-03	A8066	-20.5	-5	GEW 7	5/10/2021	10:44	C	LFG	NA	X						5
-04	5904	-20.3	-5	GEW 8	5/10/2021	10:55	C	LFG	NA	X						5
-05	A7781	-20.4	-5	GEW 9	5/10/2021	11:06	C	LFG	NA	X						5
-06	A8070	-20.7	-5	GEW 51	5/11/2021	8:09	C	LFG	NA	X						5
-07	A7769	-20.7	-5	GEW 53	5/11/2021	8:19	C	LFG	NA	X						4.5
-08	3837	-20.7	-5	GEW 54	5/11/2021	8:30	C	LFG	NA	X						4
-09	A8075	-20.7	-5	GEW 55	5/11/2021	8:41	C	LFG	NA	X						4
-10	A8099	-20.7	-5	GEW 40	5/11/2021	8:51	C	LFG	NA	X						4.5

AUTHORIZATION TO PERFORM WORK: Dave Penoyer **COMPANY:** Republic Services

SAMPLED BY: Andy Guthrie **COMPANY:** Hunt Environmental Specialist **DATE/TIME:** 05/10/2021

RELINQUISHED BY: <i>Andy Guthrie</i>	DATE/TIME: 5-13-21	RECEIVED BY:	DATE/TIME:
RELINQUISHED BY: <i>FBI EX</i>	DATE/TIME: 5/17/21	RECEIVED BY: <i>[Signature]</i>	DATE/TIME: 5/17/21 11:20
RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:	DATE/TIME:

METHOD OF TRANSPORT (circle one): Walk-In **FedEx** UPS Courier ATLI Other _____

COMMENTS

LAB INITIALS: M051702-1149



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		DELIVERABLES	PAGE: 2 OF 6
Standard	<input type="checkbox"/> 48 hours <input checked="" type="checkbox"/>	EDD <input checked="" type="checkbox"/>	Condition upon receipt: Sealed Yes <input type="checkbox"/> No <input type="checkbox"/> Intact Yes <input type="checkbox"/> No <input type="checkbox"/> Chilled _____ deg C
Same Day	<input type="checkbox"/> 72 hours <input type="checkbox"/>	EDF <input type="checkbox"/>	
24 hours	<input type="checkbox"/> 96 hours <input type="checkbox"/>	Level 3 <input type="checkbox"/>	
Other:	5 Day	Level 4 <input type="checkbox"/>	

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	ANALYSIS REQUEST
P.O. No.: PO7112802	D1946 + CO, H2
Bill to: Republic Services	
Attn: Mike Lambrich	
13570 St. Charles Rock Rd. Bridgeton, MO 63044	

LAB USE ONLY	Cannister Pressure ("hg)			SAMPLE IDENTIFICATION	SAMPLE DATE	SAMPLE TIME	CONTAINER QTY/TYPE	MATRIX	PRESERVATION	D1946 + CO, H2					
	Cannister ID	Sample Start	Sample End												
M051702-11	A7795	-20.7	-5	GEW 41R	5/11/2021	9:01	C	LFG	NA	X					4.5
-12	A7662	-20.7	-5	GEW 42R	5/11/2021	9:10	C	LFG	NA	X					5
-13	1417	-21	-5	GEW 43R	5/11/2021	9:58	C	LFG	NA	X					4.5
-14	O1418	-21	-5	GEW 49	5/11/2021	10:17	C	LFG	NA	X					5
-15	O1409	-20.9	-5	GEW 45R	5/11/2021	10:27	C	LFG	NA	X					5
-16	1424	-21	-5	GEW 46R	5/11/2021	10:40	C	LFG	NA	X					5
-17	O1420	-21.3	-5	GEW 2S	5/11/2021	11:13	C	LFG	NA	X					5
-18	O1402	-21.1	-5	GEW 2	5/11/2021	11:24	C	LFG	NA	X					5
-19	1399	-21.4	-5	GEW 3	5/12/2021	8:59	C	LFG	NA	X					4
-20	O1425	-21.4	-5	GEW 4	5/12/2021	9:10	C	LFG	NA	X					4

AUTHORIZATION TO PERFORM WORK: Dave Penoyer **COMPANY:** Republic Services

SAMPLED BY: Andy Guthrie **COMPANY:** Hunt Environmental Specialist **DATE/TIME:** 05/11/2021

RELINQUISHED BY: <i>Andy Guthrie</i>	DATE/TIME: 5-13-21	RECEIVED BY:	DATE/TIME:
RELINQUISHED BY: <i>FedEx</i>	DATE/TIME: 5/17/21	RECEIVED BY: <i>[Signature]</i>	DATE/TIME: 5/17/21
RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:	DATE/TIME:

METHOD OF TRANSPORT (circle one): Walk-In **FedEx** UPS Courier ATLI Other _____

COMMENTS

LAB 151114VAC 1145



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		DELIVERABLES	PAGE: 3 OF 6
Standard <input type="checkbox"/>	48 hours <input type="checkbox"/>	EDD <input checked="" type="checkbox"/>	Condition upon receipt: Sealed Yes <input type="checkbox"/> No <input type="checkbox"/> Intact Yes <input type="checkbox"/> No <input type="checkbox"/> Chilled _____ deg C
Same Day <input type="checkbox"/>	72 hours <input type="checkbox"/>	EDF <input type="checkbox"/>	
24 hours <input type="checkbox"/>	96 hours <input type="checkbox"/>	Level 3 <input type="checkbox"/>	
Other: 5 Day		Level 4 <input type="checkbox"/>	

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	ANALYSIS REQUEST
P.O. No.: PO7112802	D1946 + CO, H2
Bill to: Republic Services	
Attn: Mike Lambrich	
13570 St. Charles Rock Rd. Bridgeton, MO 63044	

LAB USE ONLY	Cannister Pressure ("hg)			SAMPLE IDENTIFICATION	SAMPLE DATE	SAMPLE TIME	CONTAINER QTY/TYPE	MATRIX	PRESERVA-TION	D1946 + CO, H2						
	Cannister ID	Sample Start	Sample End													
M051702-21	A7652	-21	-5	GEW 47R	5/12/2021	11:01	C	LFG	NA	X						LAB INITIAL VAC 1149
- 22	3835	-21	-5	GEW 5	5/12/2021	11:11	C	LFG	NA	X						5
- 23	3833	-21.1	-5	GEW 48	5/12/2021	11:21	C	LFG	NA	X						5
- 24	5305	-20.9	-5	GEW 6	5/12/2021	11:32	C	LFG	NA	X						5
- 25	3131	-20.7	-5	GEW 44	5/12/2021	11:41	C	LFG	NA	X						5

AUTHORIZATION TO PERFORM WORK: Dave Penoyer **COMPANY:** Republic Services
SAMPLED BY: Andy Guthrie **COMPANY:** Hunt Environmental Specialist **DATE/TIME:** 05/12/2021

RELINQUISHED BY: <i>Andy Guthrie</i>	DATE/TIME: 5-13-21	RECEIVED BY:	DATE/TIME:
RELINQUISHED BY: <i>TEA Ex</i>	DATE/TIME: 5/17/21	RECEIVED BY: <i>[Signature]</i>	DATE/TIME: 5/17/21 11:20
RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:	DATE/TIME:

METHOD OF TRANSPORT (circle one): Walk-In **FedEx** UPS Courier ATLI Other _____

COMMENTS
**TIME COLL. LISTED ON SAMPLE TAG. QD*



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		DELIVERABLES	PAGE: 4 OF 6
Standard <input type="checkbox"/>	48 hours <input checked="" type="checkbox"/>	EDD <input checked="" type="checkbox"/>	Condition upon receipt: Sealed Yes <input type="checkbox"/> No <input type="checkbox"/> Intact Yes <input type="checkbox"/> No <input type="checkbox"/> Chilled _____ deg C
Same Day <input type="checkbox"/>	72 hours <input type="checkbox"/>	EDF <input type="checkbox"/>	
24 hours <input type="checkbox"/>	96 hours <input type="checkbox"/>	Level 3 <input type="checkbox"/>	
Other: 5 Day		Level 4 <input type="checkbox"/>	

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)			SAMPLE IDENTIFICATION	SAMPLE DATE	SAMPLE TIME	CONTAINER QTY/TYPE	MATRIX	PRESERVATION	D1946 + CO, H2	ANALYSIS REQUEST				LAB INITIALS
	Cannister ID	Sample Start	Sample End												
M051702-26	O1412	-20.8	-5	GIW 1	5/12/2021	8:51	C	LFG	NA	X					4.5
-27	O1411	-20.9	-5	GIW 2	5/12/2021	8:59	C	LFG	NA	X					4.5
-28	O1415	-20.7	-5	GIW 3	5/12/2021	9:07	C	LFG	NA	X					4
-29	O1426	-20.7	-5	GIW 4	5/12/2021	9:14	C	LFG	NA	X					4
-30	O1416	-20.8	-5	GIW 5	5/12/2021	9:23	C	LFG	NA	X					4
-31	O1413	-20.5	-5	GIW 6	5/12/2021	9:32	C	LFG	NA	X					4.5
-32	A8082	-21.3	-5	GIW 7	5/12/2021	9:40	C	LFG	NA	X					4
-33	O1401	-20.8	-5	GIW 8	5/12/2021	9:48	C	LFG	NA	X					4
-34	O1400	-20.7	-5	GIW 9	5/12/2021	9:57	C	LFG	NA	X					4.5
↓ -35	O1422	-20.7	-5	GIW 10	5/12/2021	10:05	C	LFG	NA	X					4.5

AUTHORIZATION TO PERFORM WORK: Dave Penoyer **COMPANY:** Republic Services

SAMPLED BY: Steven Romaine **COMPANY:** Hunt Environmental Specialist **DATE/TIME:** 05/12/2021

RELINQUISHED BY: <i>Steven Romaine</i> DATE/TIME: 5/13/21	RECEIVED BY: _____ DATE/TIME: _____
RELINQUISHED BY: <i>FEN ET</i> DATE/TIME: 5/17/21	RECEIVED BY: <i>[Signature]</i> DATE/TIME: 5/17/21
RELINQUISHED BY: _____ DATE/TIME: _____	RECEIVED BY: _____ DATE/TIME: _____

COMMENTS

METHOD OF TRANSPORT (circle one): Walk-In **FedEx** UPS Courier ATLI Other _____

Client: Republic Services
 Attn: Mike Lambrich
 Project Name: Bridgeton Landfill
 Project No.: NA
 Date Received: 05/17/21
 Matrix: Air
 Reporting Units: % v/v

ASTM D1946

Lab No.:	M051702-01	M051702-02	M051702-03	M051702-04				
Client Sample I.D.:	GEW 50	GEW 52	GEW 7	GEW 8				
Date/Time Sampled:	5/10/21 10:23	5/10/21 11:33	5/10/21 10:44	5/10/21 10:55				
Date/Time Analyzed:	5/18/21 15:53	5/18/21 16:08	5/18/21 16:22	5/18/21 16:37				
QC Batch No.:	210518GC8A1	210518GC8A1	210518GC8A1	210518GC8A1				
Analyst Initials:	CM	CM	CM	CM				
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	ND d	0.032	ND d	0.032	ND d	0.032	0.93 d	0.032
Carbon Dioxide	38	0.032	35	0.032	40	0.032	42	0.032
Oxygen/Argon	ND	1.6	ND	1.6	ND	1.6	ND	1.6
Nitrogen	6.4	3.2	15	3.2	5.6	3.2	4.7	3.2
Methane	54	0.0032	49	0.0032	54	0.0032	51	0.0032
Carbon Monoxide	ND	0.0032	ND	0.0032	ND	0.0032	ND	0.0032

Results normalized including non-methane hydrocarbons

ND = Not Detected (below RL)

RL = Reporting Limit

d = Analyzed by secondary analysis, batch number 210520GC8A1

Reviewed/Approved By: Mark Johnson
 Mark Johnson
 Operations Manager

Date 5/24/21

The cover letter is an integral part of this analytical report



Client: Republic Services
 Attn: Mike Lambrich
 Project Name: Bridgeton Landfill
 Project No.: NA
 Date Received: 05/17/21
 Matrix: Air
 Reporting Units: % v/v

ASTM D1946

Lab No.:	M051702-05	M051702-06	M051702-07	M051702-08				
Client Sample I.D.:	GEW 9	GEW 51	GEW 53	GEW 54				
Date/Time Sampled:	5/10/21 11:06	5/11/21 8:09	5/11/21 8:19	5/11/21 8:30				
Date/Time Analyzed:	5/18/21 16:51	5/18/21 17:06	5/18/21 17:20	5/18/21 17:35				
QC Batch No.:	210518GC8A1	210518GC8A1	210518GC8A1	210518GC8A1				
Analyst Initials:	CM	CM	CM	CM				
Dilution Factor:	3.2	3.2	3.1	3.0				
ANALYTE	Result	RL	Result	RL	Result	RL	Result	RL
	% v/v	% v/v	% v/v	% v/v	% v/v	% v/v	% v/v	% v/v
Hydrogen	0.49 d	0.032	0.77 d	0.032	3.2 d	0.031	1.3 d	0.030
Carbon Dioxide	41	0.032	40	0.032	42	0.031	40	0.030
Oxygen/Argon	ND	1.6	ND	1.6	ND	1.5	1.8	1.5
Nitrogen	9.4	3.2	4.9	3.2	5.1	3.1	8.0	3.0
Methane	49	0.0032	53	0.0032	49	0.0031	49	0.0030
Carbon Monoxide	ND	0.0032	ND	0.0032	0.0049	0.0031	ND	0.0030

Results normalized including non-methane hydrocarbons

ND = Not Detected (below RL)

RL = Reporting Limit

d = Analyzed by secondary analysis, batch number 210520GC8A1

Reviewed/Approved By: Mark Johnson
 Mark Johnson
 Operations Manager

Date 5/24/21

The cover letter is an integral part of this analytical report



Client: Republic Services
 Attn: Mike Lambrich
 Project Name: Bridgeton Landfill
 Project No.: NA
 Date Received: 05/17/21
 Matrix: Air
 Reporting Units: % v/v

ASTM D1946

Lab No.:	M051702-09	M051702-10	M051702-11	M051702-12				
Client Sample I.D.:	GEW 55	GEW 40	GEW 41R	GEW 42R				
Date/Time Sampled:	5/11/21 8:41	5/11/21 8:51	5/11/21 9:01	5/11/21 9:10				
Date/Time Analyzed:	5/18/21 17:49	5/18/21 18:04	5/18/21 18:18	5/18/21 18:33				
QC Batch No.:	210518GC8A1	210518GC8A1	210518GC8A1	210518GC8A1				
Analyst Initials:	CM	CM	CM	CM				
Dilution Factor:	3.0	3.1	3.1	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	0.98 d	0.030	ND d	0.031	ND d	0.031	ND d	0.032
Carbon Dioxide	41	0.030	33	0.031	33	0.031	39	0.032
Oxygen/Argon	ND	1.5	ND	1.5	ND	1.5	ND	1.6
Nitrogen	6.4	3.0	8.3	3.1	17	3.1	8.1	3.2
Methane	51	0.0030	58	0.0031	49	0.0031	52	0.0032
Carbon Monoxide	ND	0.0030	ND	0.0031	ND	0.0031	ND	0.0032

Results normalized including non-methane hydrocarbons

ND = Not Detected (below RL)

RL = Reporting Limit

d = Analyzed by secondary analysis, batch number 210520GC8A1

Reviewed/Approved By: Mark Johnson
 Mark Johnson
 Operations Manager

Date 5/24/21

The cover letter is an integral part of this analytical report



Client: Republic Services
 Attn: Mike Lambrich
 Project Name: Bridgeton Landfill
 Project No.: NA
 Date Received: 05/17/21
 Matrix: Air
 Reporting Units: % v/v

ASTM D1946

Lab No.:	M051702-13	M051702-14	M051702-15	M051702-16				
Client Sample I.D.:	GEW 43R	GEW 49	GEW 45R	GEW 46R				
Date/Time Sampled:	5/11/21 9:58	5/11/21 10:17	5/11/21 10:27	5/11/21 10:40				
Date/Time Analyzed:	5/18/21 18:47	5/18/21 19:02	5/18/21 19:16	5/18/21 19:31				
QC Batch No.:	210518GC8A1	210518GC8A1	210518GC8A1	210518GC8A1				
Analyst Initials:	CM	CM	CM	CM				
Dilution Factor:	3.1	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	0.083 d	0.031	ND d	0.032	ND d	0.032	0.035 d	0.032
Carbon Dioxide	39	0.031	35	0.032	37	0.032	39	0.032
Oxygen/Argon	ND	1.5	ND	1.6	ND	1.6	ND	1.6
Nitrogen	8.6	3.1	16	3.2	10.0	3.2	9.2	3.2
Methane	51	0.0031	48	0.0032	52	0.0032	51	0.0032
Carbon Monoxide	ND	0.0031	ND	0.0032	ND	0.0032	ND	0.0032

Results normalized including non-methane hydrocarbons

ND = Not Detected (below RL)

RL = Reporting Limit

d = Analyzed by secondary analysis, batch number 210520GC8A1

Reviewed/Approved By: Mark Johnson
 Mark Johnson
 Operations Manager

Date: 5/24/21

The cover letter is an integral part of this analytical report



Client: Republic Services
Attn: Mike Lambrich
Project Name: Bridgeton Landfill
Project No.: NA
Date Received: 05/17/21
Matrix: Air
Reporting Units: % v/v

ASTM D1946

Lab No.:	M051702-21	M051702-22	M051702-23	M051702-24				
Client Sample I.D.:	GEW 47R	GEW 5	GEW 48	GEW 6				
Date/Time Sampled:	5/12/21 11:01	5/12/21 11:11	5/12/21 11:21	5/12/21 11:32				
Date/Time Analyzed:	5/19/21 9:22	5/19/21 9:36	5/19/21 9:51	5/19/21 10:05				
QC Batch No.:	210519GC8A1	210519GC8A1	210519GC8A1	210519GC8A1				
Analyst Initials:	CM	CM	CM	CM				
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	ND d	0.032	ND d	0.032	ND d	0.032	ND d	0.032
Carbon Dioxide	43	0.032	37	0.032	39	0.032	38	0.032
Oxygen/Argon	ND	1.6	ND	1.6	ND	1.6	ND	1.6
Nitrogen	4.2	3.2	8.9	3.2	4.6	3.2	5.4	3.2
Methane	52	0.0032	53	0.0032	55	0.0032	56	0.0032
Carbon Monoxide	ND	0.0032	ND	0.0032	ND	0.0032	ND	0.0032

Results normalized including non-methane hydrocarbons

ND = Not Detected (below RL)

RL = Reporting Limit

d = Analyzed by secondary analysis, batch number 210520GC8A2

Reviewed/Approved By: Mark Johnson
 Mark Johnson
 Operations Manager

Date 5/24/21

The cover letter is an integral part of this analytical report



Client: Republic Services
Attn: Mike Lambrich
Project Name: Bridgeton Landfill
Project No.: NA
Date Received: 05/17/21
Matrix: Air
Reporting Units: % v/v

ASTM D1946

Lab No.:	M051702-25	M051702-26	M051702-27	M051702-28				
Client Sample I.D.:	GEW 44	GIW 1	GIW 2	GIW 3				
Date/Time Sampled:	5/12/21 11:45	5/12/21 8:51	5/12/21 8:59	5/12/21 9:07				
Date/Time Analyzed:	5/19/21 10:20	5/19/21 10:34	5/19/21 10:49	5/19/21 11:04				
QC Batch No.:	210519GC8A1	210519GC8A1	210519GC8A1	210519GC8A1				
Analyst Initials:	CM	CM	CM	CM				
Dilution Factor:	3.2	3.1	3.1	3.0				
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	9.3	3.1	9.0	3.1	12	3.0
Carbon Dioxide	31	0.032	52	0.031	54	0.031	42	0.030
Oxygen/Argon	ND	1.6	ND	1.5	2.0	1.5	ND	1.5
Nitrogen	32	3.2	9.5	3.1	20	3.1	19	3.0
Methane	36	0.0032	28	0.0031	14	0.0031	25	0.0030
Carbon Monoxide	ND	0.0032	0.023	0.0031	0.035	0.0031	0.028	0.0030

Results normalized including non-methane hydrocarbons

ND = Not Detected (below RL)

RL = Reporting Limit

d = Analyzed by secondary analysis, batch number 210520GC8A2

Reviewed/Approved By: *Mark Johnson*
 Mark Johnson
 Operations Manager

Date 5/24/21

The cover letter is an integral part of this analytical report



Client: Republic Services
 Attn: Mike Lambrich
 Project Name: Bridgeton Landfill
 Project No.: NA
 Date Received: 05/17/21
 Matrix: Air
 Reporting Units: % v/v

ASTM D1946

Lab No.:	M051702-29	M051702-30	M051702-31	M051702-32				
Client Sample I.D.:	GIW 4	GIW 5	GIW 6	GIW 7				
Date/Time Sampled:	5/12/21 9:14	5/12/21 9:23	5/12/21 9:32	5/12/21 9:40				
Date/Time Analyzed:	5/19/21 11:18	5/19/21 11:33	5/19/21 11:47	5/19/21 12:02				
QC Batch No.:	210519GC8A1	210519GC8A1	210519GC8A1	210519GC8A1				
Analyst Initials:	CM	CM	CM	CM				
Dilution Factor:	3.0	3.0	3.1	3.0				
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	19	3.0	8.2	3.0	2.8 d	0.031	ND d	0.030
Carbon Dioxide	43	0.030	37	0.030	39	0.031	46	0.030
Oxygen/Argon	ND	1.5	ND	1.5	ND	1.5	ND	1.5
Nitrogen	7.2	3.0	19	3.0	22	3.1	6.4	3.0
Methane	29	0.0030	34	0.0030	36	0.0031	46	0.0030
Carbon Monoxide	0.030	0.0030	0.0079	0.0030	ND	0.0031	ND	0.0030

Results normalized including non-methane hydrocarbons

ND = Not Detected (below RL)

RL = Reporting Limit

d = Analyzed by secondary analysis, batch number 210520GC8A2

Reviewed/Approved By: Mark Johnson
 Mark Johnson
 Operations Manager

Date 5/24/21

The cover letter is an integral part of this analytical report



Client: Republic Services
 Attn: Mike Lambrich
 Project Name: Bridgeton Landfill
 Project No.: NA
 Date Received: 05/17/21
 Matrix: Air
 Reporting Units: % v/v

ASTM D1946

Lab No.:	M051702-33	M051702-34	M051702-35	M051702-36				
Client Sample I.D.:	GIW 8	GIW 9	GIW 10	GIW 11				
Date/Time Sampled:	5/12/21 9:48	5/12/21 9:57	5/12/21 10:05	5/12/21 10:15				
Date/Time Analyzed:	5/19/21 12:16	5/19/21 12:31	5/19/21 12:45	5/19/21 13:00				
QC Batch No.:	210519GC8A1	210519GC8A1	210519GC8A1	210519GC8A1				
Analyst Initials:	CM	CM	CM	CM				
Dilution Factor:	3.0	3.1	3.1	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	ND d	0.030	7.6	3.1	4.2 d	0.031	1.6 d	0.032
Carbon Dioxide	42	0.030	39	0.031	33	0.031	29	0.032
Oxygen/Argon	ND	1.5	ND	1.5	ND	1.5	2.0	1.6
Nitrogen	9.2	3.0	14	3.1	31	3.1	43	3.2
Methane	48	0.0030	38	0.0031	31	0.0031	24	0.0032
Carbon Monoxide	ND	0.0030	0.0049	0.0031	0.0052	0.0031	0.0067	0.0032

Results normalized including non-methane hydrocarbons

ND = Not Detected (below RL)

RL = Reporting Limit

d = Analyzed by secondary analysis, batch number 210520GC8A2

Reviewed/Approved By: Mark Johnson
 Operations Manager

Date: 5/24/21

The cover letter is an integral part of this analytical report



Client: Republic Services
 Attn: Mike Lambrich
 Project Name: Bridgeton Landfill
 Project No.: NA
 Date Received: 05/17/21
 Matrix: Air
 Reporting Units: % v/v

ASTM D1946

Lab No.:	M051702-37	M051702-38	M051702-39	M051702-40				
Client Sample I.D.:	GIW 12	GIW 13	GEW 110	GEW 10				
Date/Time Sampled:	5/12/21 10:24	5/12/21 11:01	5/12/21 11:08	5/12/21 11:17				
Date/Time Analyzed:	5/19/21 13:14	5/19/21 13:29	5/19/21 13:43	5/19/21 13:58				
QC Batch No.:	210519GC8A1	210519GC8A1	210519GC8A1	210519GC8A1				
Analyst Initials:	CM	CM	CM	CM				
Dilution Factor:	3.1	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	1.7 d	0.031	3.3 d	0.032	2.9 d	0.032	0.034 d	0.032
Carbon Dioxide	32	0.031	41	0.032	46	0.032	41	0.032
Oxygen/Argon	2.0	1.5	ND	1.6	ND	1.6	ND	1.6
Nitrogen	40	3.1	11	3.2	6.3	3.2	3.7	3.2
Methane	25	0.0031	43	0.0032	44	0.0032	54	0.0032
Carbon Monoxide	ND	0.0031	0.0032	0.0032	0.0045	0.0032	ND	0.0032

Results normalized including non-methane hydrocarbons

ND = Not Detected (below RL)

RL = Reporting Limit

d = Analyzed by secondary analysis, batch number 210520GC8A2

Reviewed/Approved By: Mark Johnson
 Mark Johnson
 Operations Manager

Date: 5/24/21

The cover letter is an integral part of this analytical report



Client: Republic Services
 Attn: Mike Lambrich
 Project Name: Bridgeton Landfill
 Project No.: NA
 Date Received: 05/17/21
 Matrix: Air
 Reporting Units: % v/v

ASTM D1946

Lab No.:	M051702-41	M051702-42	M051702-43	M051702-44				
Client Sample I.D.:	GEW 56R	GEW 39	GEW 109	GEW 108				
Date/Time Sampled:	5/12/21 11:26	5/12/21 14:13	5/12/21 14:23	5/12/21 14:33				
Date/Time Analyzed:	5/19/21 15:55	5/19/21 16:09	5/19/21 16:24	5/19/21 16:38				
QC Batch No.:	210519GC8A2	210519GC8A2	210519GC8A2	210519GC8A2				
Analyst Initials:	CM	CM	CM	CM				
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	2.4 d	0.032	ND d	0.032	0.087 d	0.032	8.9	3.2
Carbon Dioxide	37	0.032	32	0.032	39	0.032	44	0.032
Oxygen/Argon	ND	1.6	2.2	1.6	2.0	1.6	ND	1.6
Nitrogen	22	3.2	39	3.2	12	3.2	3.5	3.2
Methane	37	0.0032	27	0.0032	48	0.0032	42	0.0032
Carbon Monoxide	ND	0.0032	ND	0.0032	ND	0.0032	0.011	0.0032

Results normalized including non-methane hydrocarbons

ND = Not Detected (below RL)

RL = Reporting Limit

d = Analyzed by secondary analysis, batch number 210520GC8A2

Reviewed/Approved By: Mark Johnson
 Mark Johnson
 Operations Manager

Date 5/24/21

The cover letter is an integral part of this analytical report



Client: Republic Services
 Attn: Mike Lambrich
 Project Name: Bridgeton Landfill
 Project No.: NA
 Date Received: 05/17/21
 Matrix: Air
 Reporting Units: % v/v

ASTM D1946

Lab No.:	M051702-45	M051702-46	M051702-47	M051702-48				
Client Sample I.D.:	GEW 187	GEW 162	GEW 161	GEW 160				
Date/Time Sampled:	5/12/21 14:41	5/12/21 14:53	5/12/21 15:01	5/12/21 15:09				
Date/Time Analyzed:	5/19/21 16:53	5/19/21 17:07	5/19/21 17:22	5/19/21 17:36				
QC Batch No.:	210519GC8A2	210519GC8A2	210519GC8A2	210519GC8A2				
Analyst Initials:	CM	CM	CM	CM				
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	0.79 d	0.032	4.0 d	0.032	24	3.2	7.9	3.2
Carbon Dioxide	50	0.032	57	0.032	42	0.032	33	0.032
Oxygen/Argon	ND	1.6	ND	1.6	ND	1.6	2.0	1.6
Nitrogen	6.7	3.2	16	3.2	13	3.2	26	3.2
Methane	42	0.0032	22	0.0032	20	0.0032	31	0.0032
Carbon Monoxide	ND	0.0032	0.019	0.0032	0.038	0.0032	0.0095	0.0032

Results normalized including non-methane hydrocarbons

ND = Not Detected (below RL)

RL = Reporting Limit

d = Analyzed by secondary analysis, batch number 210520GC8A2

Reviewed/Approved By: Mark Johnson
 Mark Johnson
 Operations Manager

Date: 5/24/21

The cover letter is an integral part of this analytical report



QC Batch No: 210519GC8A2
 Matrix: Air
 Reporting Units: % v/v

**ASTM D1946
 LABORATORY CONTROL SAMPLE SUMMARY**

Lab No.:	METHOD BLANK			LCS		LCSD					
Date Analyzed:	5/19/21 15:11			5/19/21 15:25		5/19/21 15:40					
Analyst Initials:	CM			CM		CM					
Dilution Factor:	1.0			1.0		1.0					
ANALYTE	Result % v/v	RL % v/v	SPIKE AMT. % v/v	Result % v/v	% Rec.	Result % v/v	% Rec.	RPD %	Limits		
									Low %Rec	High %Rec	Max. RPD
Hydrogen	ND	1.0	5.0	5.61	112	5.46	109	2.8	70	130	30
Carbon Dioxide	ND	0.010	10	10.0	100	9.84	98	1.8	70	130	30
Oxygen/Argon	ND	0.50	15	15.5	104	15.4	104	0.7	70	130	30
Nitrogen	ND	1.0	70	70.1	100	69.6	100	0.6	70	130	30
Methane	ND	0.0010	0.10	0.104	104	0.103	103	0.6	70	130	30
Carbon Monoxide	ND	0.0010	0.10	0.0937	94	0.0934	93	0.3	70	130	30

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

Reviewed/Approved By: _____

Mark Johnson
 Mark Johnson
 Operations Manager

Date _____

5/24/21

The cover letter is an integral part of this analytical report



QC Batch No: 210520GC8A1
 Matrix: Air
 Reporting Units: % v/v

**ASTM D1946 Low Level Hydrogen
 LABORATORY CONTROL SAMPLE SUMMARY**

Lab No.:	METHOD BLANK		LCS		LCSD						
Date Analyzed:	5/20/21 9:38		5/20/21 9:28		5/20/21 9:33						
Analyst Initials:	CM		CM		CM						
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	0.930	93	0.933	93	0.3	70	130	30

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

Reviewed/Approved By: _____

Mark Johnson
 Mark Johnson
 Operations Manager

Date _____

5/24/21

The cover letter is an integral part of this analytical report



QC Batch No: 210520GC8A2
 Matrix: Air
 Reporting Units: % v/v

**ASTM D1946 Low Level Hydrogen
 LABORATORY CONTROL SAMPLE SUMMARY**

Lab No.:	METHOD BLANK			LCS		LCSD					
Date Analyzed:	5/20/21 12:05			5/20/21 11:55		5/20/21 12:00					
Analyst Initials:	CM			CM		CM					
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	0.912	91	0.907	91	0.6	70	130	30

ND = Not Detected (below RL)

RL = Reporting Limit

Reviewed/Approved By: _____

Mark Johnson
 Mark Johnson
 Operations Manager

Date _____

5/24/21

The cover letter is an integral part of this analytical report





May 28, 2021

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



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

LABORATORY TEST RESULTS

Project Reference: Bridgeton Landfill
Lab Number: M052605-01

Enclosed are results for sample(s) received 5/26/21 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, Erin Fanning and Anthony Kimutis; Michele Clark, Dustin Thoenen and Don Murphy, Weaver Consultants Group; and Jan Feezor and Dan Feezor, Feezor Engineering on 5/27/21.

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,

A handwritten signature in blue ink, appearing to read "Mark Johnson", is written over a light blue horizontal line.

Mark Johnson
Operations Manager
MJohnson@AirTechLabs.com

Enclosures

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



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		DELIVERABLES	PAGE: 1 OF 1
Standard	<input type="checkbox"/> 48 hours <input checked="" type="checkbox"/>	EDD <input checked="" type="checkbox"/>	Condition upon receipt: Sealed Yes <input type="checkbox"/> No <input type="checkbox"/> Intact Yes <input type="checkbox"/> No <input type="checkbox"/> Chilled _____ deg C
Same Day	<input type="checkbox"/> 72 hours <input type="checkbox"/>	EDF <input type="checkbox"/>	
24 hours	<input checked="" type="checkbox"/> 96 hours <input type="checkbox"/>	Level 3 <input type="checkbox"/>	
Other:	5 Day	Level 4 <input type="checkbox"/>	

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	ANALYSIS REQUEST
P.O. No.: PO7112802	D1946 + CO, H2 LAB INITIAL VAC HG
Bill to: Republic Services	
Attn: Mike Lambrich	
13570 St. Charles Rock Rd. Bridgeton, MO 63044	

LAB USE ONLY	Cannister Pressure ("hg)			SAMPLE IDENTIFICATION	SAMPLE DATE	SAMPLE TIME	CONTAINER QTY/TPE	MATRIX	PRESERVATION	D1946 + CO, H2	ANALYSIS REQUEST						
	Cannister ID	Sample Start	Sample End														
M052605-01	5839	-20	-5	GEW 54	5/25/2021	10:30	C	LFG	NA	X							

AUTHORIZATION TO PERFORM WORK: Dave Penoyer	COMPANY: Republic Services
SAMPLED BY: Andy Guthrie	COMPANY: Hunt Environmental Services DATE/TIME: 5/25/2021
RELINQUISHED BY: Andy Guthrie <i>Andy Guthrie</i>	DATE/TIME: 5-25-21
RELINQUISHED BY: <i>Pen EX</i>	DATE/TIME: 5/25/21 1530
RELINQUISHED BY: _____	DATE/TIME: _____
RECEIVED BY: _____	DATE/TIME: _____
RECEIVED BY: <i>Pen EX</i>	DATE/TIME: 5/25/21 1530
RECEIVED BY: _____	DATE/TIME: _____

COMMENTS

METHOD OF TRANSPORT (circle one): Walk-In **FedEx** UPS Courier ATLI Other _____

Client: Republic Services
Attn: Mike Lambrich
Project Name: Bridgeton Landfill
Project No.: NA
Date Received: 05/26/21
Matrix: Air
Reporting Units: % v/v

ASTM D1946


Lab No.:	M052605-01						
Client Sample I.D.:	GEW 54						
Date/Time Sampled:	5/25/21 10:30						
Date/Time Analyzed:	5/26/21 16:46						
QC Batch No.:	210526GC8A1						
Analyst Initials:	CM						
Dilution Factor:	3.4						
ANALYTE	Result % v/v	RL % v/v					
Hydrogen	1.3 d	0.034					
Carbon Dioxide	42	0.034					
Oxygen/Argon	ND	1.7					
Nitrogen	5.7	3.4					
Methane	50	0.0034					
Carbon Monoxide	ND	0.0034					

Results normalized including non-methane hydrocarbons

ND = Not Detected (below RL)

RL = Reporting Limit

d = Analyzed by secondary analysis, batch number 210527GC8A1

Reviewed/Approved By: 
Mark Johnson
Operations Manager

Date 5-27-21

The cover letter is an integral part of this analytical report



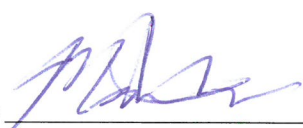
QC Batch No: 210526GC8A1
 Matrix: Air
 Reporting Units: % v/v

**ASTM D1946
 LABORATORY CONTROL SAMPLE SUMMARY**

Lab No.:	METHOD BLANK			LCS		LCSD					
Date Analyzed:	5/26/21 9:51			5/26/21 10:05		5/26/21 10:20					
Analyst Initials:	CM			CM		CM					
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	5.46	109	5.39	108	1.2	70	130	30
Carbon Dioxide	ND	0.010	10	9.78	98	9.67	97	1.1	70	130	30
Oxygen/Argon	ND	0.50	15	15.9	107	15.7	106	1.3	70	130	30
Nitrogen	ND	1.0	70	71.3	102	70.4	101	1.3	70	130	30
Methane	ND	0.0010	0.10	0.106	106	0.105	105	1.0	70	130	30
Carbon Monoxide	ND	0.0010	0.10	0.101	101	0.100	100	0.7	70	130	30

ND = Not Detected (below RL)

RL = Reporting Limit

Reviewed/Approved By: 
 Mark Johnson
 Operations Manager

Date 5-27-21

The cover letter is an integral part of this analytical report




QC Batch No: 210527GC8A1
 Matrix: Air
 Reporting Units: % v/v

**ASTM D1946 Low Level Hydrogen
 LABORATORY CONTROL SAMPLE SUMMARY**

Lab No.:	METHOD BLANK			LCS		LCSD					
Date Analyzed:	5/27/21 9:44			5/27/21 9:35		5/27/21 9:40					
Analyst Initials:	CM			CM		CM					
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	0.916	92	0.917	92	0.1	70	130	30

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

Reviewed/Approved By: 
 Mark Johnson
 Operations Manager

Date 5-27-21

The cover letter is an integral part of this analytical report



ATTACHMENT D

GAS WELLFIELD DATA

ATTACHMENT D-1

WELLFIELD DATA TABLE

May 2021 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 ₂ O		
GEW-002	5/5/2021 9:55:59 AM	52.9	37.8	0.0	9.3	110.7	110.7	18.51	18.79	-1.05	-1.03	-12.85
GEW-002	5/11/2021 11:21:08 AM	50.8	38.3	0.0	10.9	110.0	110.0	23.49	22.54	-1.21	-1.20	-14.24
GEW-002	5/11/2021 11:28:08 AM	50.9	39.1	0.0	10.0	109.7	109.8	32.12	32.12	-1.15	-1.15	-13.86
GEW-002	5/20/2021 8:37:02 AM	51.0	40.1	0.0	8.9	108.0	108.1	18.35	16.46	-0.95	-0.92	-14.93
GEW-002	5/25/2021 11:20:58 AM	53.0	37.3	0.0	9.7	111.7	111.7	22.69	22.69	-0.80	-0.80	-14.36
GEW-003	5/5/2021 9:59:41 AM	54.5	39.5	0.0	6.0	111.7	111.9	8.08	8.93	-0.74	-0.71	-13.27
GEW-003	5/12/2021 8:56:35 AM	55.0	40.7	0.0	4.3	108.0	108.0	14.63	14.44	-0.64	-0.64	-13.65
GEW-003	5/12/2021 9:02:41 AM	54.5	40.8	0.0	4.7	107.4	107.5	12.09	12.68	-0.65	-0.68	-13.65
GEW-003	5/20/2021 8:33:50 AM	53.1	40.3	0.0	6.6	110.7	110.7	6.04	3.82	-0.65	-0.64	-13.65
GEW-003	5/25/2021 11:24:04 AM	53.6	38.9	0.0	7.5	116.8	116.9	12.87	12.00	-0.36	-0.36	-13.23
GEW-004	5/5/2021 10:01:33 AM	56.1	39.2	0.0	4.7	108.2	108.3	8.54	8.54	-0.81	-0.81	-13.61
GEW-004	5/12/2021 9:07:02 AM	54.6	39.8	0.0	5.6	108.2	108.0	15.52	13.78	-0.74	-0.76	-13.69
GEW-004	5/12/2021 9:13:42 AM	54.9	40.7	0.0	4.4	108.5	108.2	14.29	14.29	-0.74	-0.74	-13.77
GEW-004	5/20/2021 8:30:11 AM	54.9	39.4	0.0	5.7	108.0	108.0	16.02	12.41	-0.73	-0.71	-13.71
GEW-004	5/25/2021 11:26:34 AM	54.4	39.0	0.0	6.6	111.7	111.7	15.49	14.52	-0.43	-0.42	-13.44
GEW-005	5/5/2021 10:11:05 AM	56.7	37.9	0.0	5.4	80.8	81.0	3.92	3.92	-0.39	-0.38	-13.82
GEW-005	5/12/2021 11:08:02 AM	53.8	38.9	0.0	7.3	81.7	81.7	15.02	14.99	-0.05	-0.05	-13.65
GEW-005	5/12/2021 11:13:58 AM	54.1	39.1	0.0	6.8	81.9	81.9	12.39	11.43	-0.09	-0.09	-13.69
GEW-005	5/20/2021 8:26:59 AM	52.8	38.7	0.0	8.5	83.7	83.7	5.54	6.19	-0.26	-0.26	-13.71
GEW-005	5/26/2021 10:10:03 AM	52.2	37.5	0.0	10.3	87.0	87.0	12.68	12.68	-0.27	-0.27	-14.11
GEW-005	5/26/2021 10:12:02 AM	52.1	37.6	0.0	10.3	87.2	87.2	13.82	14.36	-0.27	-0.27	-13.90
GEW-006	5/5/2021 10:16:34 AM	57.6	37.9	0.0	4.5	80.5	80.5	18.79	18.79	-0.65	-0.65	-13.35
GEW-006	5/12/2021 11:29:08 AM	57.5	38.6	0.0	3.9	81.2	81.2	20.74	19.79	-0.34	-0.34	-13.65
GEW-006	5/12/2021 11:35:07 AM	57.7	39.5	0.0	2.8	81.2	81.3	19.60	21.11	-0.28	-0.28	-13.69
GEW-006	5/20/2021 8:12:37 AM	57.9	38.1	0.0	4.0	82.3	82.3	34.95	34.51	-0.56	-0.55	-11.20
GEW-006	5/26/2021 10:17:25 AM	57.2	37.6	0.0	5.2	83.7	83.7	22.81	23.31	-0.53	-0.53	-13.40
GEW-007	5/5/2021 10:37:13 AM	56.0	40.6	0.0	3.4	89.6	89.6	9.86	9.86	-5.71	-5.71	-13.52
GEW-007	5/10/2021 10:41:36 AM	55.9	40.1	0.0	4.0	90.1	89.8	9.00	8.58	-5.50	-5.50	-13.86
GEW-007	5/10/2021 10:47:30 AM	55.7	41.3	0.0	3.0	89.8	89.8	9.79	9.01	-5.41	-5.41	-13.82
GEW-007	5/17/2021 11:20:04 AM	58.5	39.7	0.0	1.8	89.3	89.2	25.19	25.48	-5.41	-5.41	-13.35
GEW-007	5/26/2021 10:30:22 AM	56.2	39.7	0.0	4.1	92.4	92.4	15.35	14.11	-5.67	-5.67	-13.77
GEW-008	5/5/2021 10:40:56 AM	53.6	42.1	0.0	4.3	110.5	110.5	15.94	15.94	-1.12	-1.12	-13.82
GEW-008	5/10/2021 10:51:42 AM	53.1	42.8	0.0	4.1	110.5	110.5	13.74	14.51	-1.02	-1.01	-13.82
GEW-008	5/10/2021 10:58:44 AM	53.0	44.1	0.0	2.9	110.7	110.5	14.00	14.26	-1.02	-1.02	-13.40
GEW-008	5/17/2021 11:23:32 AM	55.7	41.3	0.0	3.0	110.2	110.2	12.93	12.06	-0.93	-0.92	-13.40
GEW-008	5/26/2021 10:39:40 AM	53.3	41.6	0.0	5.1	111.9	111.7	19.43	20.16	-1.09	-1.10	-13.27
GEW-009	5/5/2021 10:43:45 AM	50.1	41.0	0.0	8.9	120.8	120.7	6.56	7.08	-0.15	-0.15	-13.31
GEW-009	5/10/2021 11:03:17 AM	50.2	41.1	0.0	8.7	121.7	121.1	13.64	15.13	-0.14	-0.13	-13.65
GEW-009	5/10/2021 11:08:58 AM	49.8	42.5	0.0	7.7	121.8	121.8	13.37	13.37	-0.15	-0.15	-13.48
GEW-009	5/17/2021 11:27:15 AM	52.9	40.7	0.0	6.4	121.9	122.3	22.62	21.62	-0.10	-0.10	-13.40
GEW-009	5/26/2021 10:42:31 AM	50.5	41.2	0.0	8.3	123.4	123.4	13.39	13.66	-0.16	-0.16	-13.56

May 2021 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 ₂ O		
GEW-010	5/5/2021 2:12:39 PM	55.7	41.6	0.0	2.7	95.5	95.5	3.15	3.70	-9.13	-9.13	-18.28
GEW-010	5/12/2021 11:13:51 AM	55.0	45.0	0.0	0.0	90.8	90.8	5.83	4.76	-8.44	-8.44	-18.94
GEW-010	5/12/2021 11:19:02 AM	56.5	42.4	0.0	1.1	91.7	91.5	5.48	5.49	-8.44	-8.44	-18.94
GEW-010	5/18/2021 2:01:50 PM	54.9	45.1	0.0	0.0	90.8	90.9	3.72	5.02	-8.27	-8.27	-19.66
GEW-010	5/26/2021 2:16:33 PM	61.0	39.0	0.0	0.0	108.0	108.0	6.79	6.79	-8.40	-8.40	-19.20
GEW-013A	5/7/2021 8:55:54 AM	9.1	69.7	0.0	21.2	195.7	195.0	12.26	12.27	-1.81	-1.81	-20.13
GEW-013A	5/7/2021 8:57:02 AM	9.1	68.8	0.0	22.1	191.6	191.6	11.80	11.20	-1.79	-1.80	-20.34
GEW-013A	5/20/2021 10:44:14 AM	6.8	73.2	0.0	20.0	196.9	196.9	11.79	10.38	-0.23	-0.22	-19.49
GEW-013A	5/20/2021 10:45:14 AM	6.4	71.0	0.0	22.6	196.9	196.5	9.83	12.52	-0.21	-0.21	-19.32
GEW-015	5/7/2021 10:09:27 AM	27.2	49.0	0.0	23.8	105.0	105.0	3.83	5.07	-3.89	-3.89	-19.03
GEW-015	5/24/2021 9:39:46 AM	26.5	54.1	0.0	19.4	118.6	118.8	3.58	3.58	-4.11	-4.11	-19.03
GEW-016R	5/7/2021 10:16:50 AM	11.2	56.4	0.0	32.4	140.9	140.9	6.27	6.94	-1.51	-1.51	-18.35
GEW-016R	5/7/2021 10:17:44 AM	11.1	57.5	0.0	31.4	141.2	141.2	7.16	7.16	-1.50	-1.50	-18.27
GEW-016R	5/20/2021 11:39:00 AM	24.7	56.1	0.0	19.2	151.0	151.0	5.82	6.83	-1.19	-1.18	-17.93
GEW-016R	5/20/2021 11:39:45 AM	25.9	56.6	0.0	17.5	150.6	150.6	6.67	6.75	-1.20	-1.20	-18.05
GEW-018B	5/7/2021 2:16:39 PM	13.0	54.6	0.0	32.4	195.7	195.7	50.98	50.38	-1.08	-1.09	-18.35
GEW-018B	5/7/2021 2:17:42 PM	13.2	53.3	0.0	33.5	195.7	195.1	50.83	51.55	-1.07	-1.07	-18.60
GEW-018B	5/17/2021 2:52:30 PM	5.4	58.5	0.1	36.0	195.0	195.0	46.90	46.58	-1.26	-1.27	-18.79
GEW-018B	5/17/2021 2:54:09 PM	5.6	52.1	0.0	42.3	195.1	195.0	47.29	46.84	-1.28	-1.29	-18.66
GEW-019A	5/6/2021 9:46:47 AM	2.5	63.6	4.1	29.8	72.3	72.6	1.13	2.27	-17.22	-17.22	-18.94
GEW-019A	5/24/2021 11:10:33 AM	2.7	62.4	4.8	30.1	91.5	91.5	6.00	5.69	-17.22	-17.22	-18.01
GEW-039	5/5/2021 2:17:31 PM	25.4	32.6	1.4	40.6	100.4	100.4	12.78	13.35	-0.07	-0.08	-18.79
GEW-039	5/12/2021 2:09:46 PM	27.7	32.1	0.9	39.3	100.8	100.8	9.39	10.14	-0.02	-0.02	-18.60
GEW-039	5/12/2021 2:15:53 PM	28.2	31.4	0.8	39.6	100.1	100.1	9.78	9.78	-0.06	-0.06	-18.56
GEW-039	5/19/2021 8:15:34 AM	28.6	34.2	0.6	36.6	98.5	98.7	9.01	9.01	-0.06	-0.06	-19.37
GEW-039	5/26/2021 2:22:16 PM	37.0	34.0	0.0	29.0	104.0	104.0	10.81	10.47	-0.09	-0.09	-18.31
GEW-040	5/5/2021 11:08:08 AM	45.3	32.3	0.0	22.4	72.8	73.0	6.84	4.84	-0.34	-0.33	-12.89
GEW-040	5/5/2021 11:09:38 AM	45.5	31.7	0.0	22.8	73.0	73.1	6.84	6.25	-0.18	-0.16	-13.48
GEW-040	5/11/2021 8:48:01 AM	60.5	33.7	0.0	5.8	60.4	60.4	4.00	2.83	-0.04	-0.04	-13.48
GEW-040	5/11/2021 8:53:56 AM	60.9	33.4	0.0	5.7	61.3	61.4	8.48	7.99	-0.08	-0.08	-13.48
GEW-040	5/20/2021 10:34:51 AM	54.1	35.4	0.0	10.5	86.1	86.1	4.79	5.53	-0.22	-0.22	-13.28
GEW-040	5/26/2021 11:13:32 AM	52.8	34.4	0.0	12.8	87.7	87.8	13.82	13.26	-0.24	-0.24	-13.02
GEW-041R	5/5/2021 11:13:12 AM	51.9	34.6	0.0	13.5	80.1	81.0	2.78	2.78	-0.14	-0.14	-12.89
GEW-041R	5/11/2021 8:57:48 AM	51.7	32.7	0.0	15.6	69.4	69.3	8.41	8.41	-0.11	-0.11	-13.48
GEW-041R	5/11/2021 9:04:02 AM	51.6	33.5	0.0	14.9	68.4	68.4	7.42	5.61	-0.12	-0.12	-13.48
GEW-041R	5/20/2021 10:30:57 AM	49.5	36.2	0.0	14.3	89.2	89.3	6.17	4.78	-0.07	-0.06	-13.22
GEW-041R	5/26/2021 11:17:07 AM	52.0	34.5	0.0	13.5	95.5	95.8	11.98	11.98	-0.10	-0.10	-13.02
GEW-042R	5/5/2021 11:15:52 AM	56.4	37.8	0.0	5.8	96.3	96.5	3.85	2.72	-1.82	-1.82	-13.48
GEW-042R	5/11/2021 9:07:51 AM	55.7	37.1	0.0	7.2	93.4	93.4	9.85	9.85	-1.69	-1.69	-13.48
GEW-042R	5/11/2021 9:12:36 AM	55.6	37.3	0.0	7.1	93.9	93.6	9.06	8.19	-1.69	-1.69	-13.48
GEW-042R	5/20/2021 10:27:55 AM	54.8	39.0	0.2	6.0	97.0	97.0	32.63	32.40	-1.47	-1.47	-13.16

May 2021 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 ₂ O		
GEW-042R	5/26/2021 11:20:16 AM	56.4	38.0	0.0	5.6	99.1	99.1	12.79	12.79	-1.54	-1.54	-12.68
GEW-043R	5/5/2021 11:19:19 AM	54.4	40.2	0.0	5.4	113.5	113.4	13.68	13.94	-1.80	-1.80	-13.65
GEW-043R	5/11/2021 9:54:43 AM	53.7	38.3	0.0	8.0	112.7	112.7	17.40	16.11	-1.67	-1.67	-13.77
GEW-043R	5/11/2021 10:00:54 AM	53.3	39.6	0.0	7.1	113.0	113.0	17.40	17.60	-1.66	-1.66	-13.40
GEW-043R	5/20/2021 10:23:43 AM	52.3	40.2	0.0	7.5	113.5	113.4	21.33	19.20	-1.66	-1.64	-13.40
GEW-043R	5/26/2021 11:23:48 AM	53.6	39.4	0.0	7.0	114.3	114.3	20.09	19.73	-1.74	-1.75	-12.81
GEW-044	5/5/2021 11:23:24 AM	37.4	32.4	0.0	30.2	79.3	79.4	1.27	1.27	-0.43	-0.43	-13.18
GEW-044	5/5/2021 11:25:02 AM	37.9	32.5	0.0	29.6	80.0	80.0	0.90	0.90	-0.38	-0.38	-12.85
GEW-044	5/12/2021 11:42:19 AM	36.4	33.5	0.0	30.1	74.1	74.2	2.61	2.09	-0.23	-0.22	-13.48
GEW-044	5/12/2021 11:48:08 AM	36.2	33.6	0.0	30.2	75.3	75.2	3.04	2.50	-0.23	-0.21	-13.48
GEW-044	5/20/2021 10:19:22 AM	36.4	33.7	0.0	29.9	81.1	81.0	0.00	0.00	-0.27	-0.27	-13.28
GEW-044	5/26/2021 9:00:28 AM	38.6	34.8	0.0	26.6	78.0	78.0	2.81	2.61	-0.40	-0.39	-13.02
GEW-044	5/26/2021 9:02:09 AM	38.0	33.3	0.0	28.7	78.8	78.9	2.61	2.61	-0.34	-0.34	-13.02
GEW-045R	5/5/2021 11:36:04 AM	53.9	37.7	0.0	8.4	92.0	92.1	3.84	3.84	-4.74	-4.75	-13.18
GEW-045R	5/11/2021 10:24:43 AM	54.0	37.1	0.0	8.9	88.6	88.1	8.17	8.61	-4.65	-4.65	-13.48
GEW-045R	5/11/2021 10:31:37 AM	54.0	37.4	0.0	8.6	88.7	88.4	10.19	9.43	-4.71	-4.71	-13.48
GEW-045R	5/20/2021 8:48:07 AM	52.5	39.3	0.0	8.2	92.4	92.5	6.66	7.20	-4.43	-4.43	-13.28
GEW-045R	5/25/2021 11:30:11 AM	54.2	36.1	0.0	9.7	95.5	95.5	12.40	10.12	-4.89	-4.89	-13.06
GEW-046R	5/5/2021 11:38:50 AM	53.0	37.8	0.0	9.2	95.3	95.3	3.87	2.74	-0.34	-0.33	-13.23
GEW-046R	5/11/2021 10:37:29 AM	52.9	38.1	0.0	9.0	89.8	89.6	9.91	9.53	-0.28	-0.28	-13.48
GEW-046R	5/11/2021 10:43:10 AM	52.7	39.8	0.0	7.5	89.6	89.8	9.53	9.12	-0.22	-0.21	-13.48
GEW-046R	5/20/2021 8:44:45 AM	52.9	39.9	0.0	7.2	93.5	93.5	7.77	7.27	-0.17	-0.15	-13.34
GEW-046R	5/25/2021 11:33:02 AM	54.0	38.0	0.0	8.0	98.4	98.4	11.26	12.21	-0.07	-0.07	-13.06
GEW-047R	5/5/2021 10:08:40 AM	54.9	42.2	0.0	2.9	78.2	78.9	7.76	7.74	-0.33	-0.33	-12.97
GEW-047R	5/12/2021 10:57:47 AM	55.0	43.0	0.0	2.0	78.0	78.0	14.18	14.45	-0.09	-0.09	-13.48
GEW-047R	5/12/2021 11:04:10 AM	54.9	44.1	0.0	1.0	78.2	78.2	13.34	13.34	-0.08	-0.08	-13.61
GEW-047R	5/20/2021 8:54:34 AM	53.7	44.3	0.0	2.0	83.8	83.9	7.33	6.78	-0.21	-0.24	-13.28
GEW-047R	5/26/2021 9:12:57 AM	54.2	42.6	0.0	3.2	86.1	85.9	13.84	13.84	-0.30	-0.30	-13.02
GEW-048	5/5/2021 10:12:52 AM	58.0	38.7	0.0	3.3	93.4	93.6	18.16	17.75	-0.70	-0.69	-13.82
GEW-048	5/12/2021 11:17:46 AM	57.5	39.4	0.0	3.1	93.7	93.6	15.50	15.50	-0.37	-0.37	-13.56
GEW-048	5/12/2021 11:25:21 AM	57.4	40.8	0.0	1.8	93.6	93.6	17.33	16.66	-0.39	-0.39	-14.03
GEW-048	5/20/2021 8:20:59 AM	57.8	39.3	0.0	2.9	94.1	94.1	14.24	15.99	-0.64	-0.62	-14.01
GEW-048	5/20/2021 8:23:46 AM	57.4	39.4	0.0	3.2	94.3	94.3	12.37	11.79	-0.62	-0.62	-13.34
GEW-048	5/26/2021 10:14:49 AM	56.9	38.7	0.0	4.4	96.5	96.4	18.75	18.35	-0.63	-0.63	-13.98
GEW-049	5/5/2021 11:30:36 AM	49.3	34.6	0.0	16.1	81.0	81.0	5.26	4.34	-0.31	-0.31	-12.89
GEW-049	5/5/2021 11:32:39 AM	49.2	35.0	0.0	15.8	81.1	81.0	6.20	6.26	-0.33	-0.34	-13.14
GEW-049	5/11/2021 10:14:52 AM	49.6	35.3	0.0	15.1	73.0	73.0	8.38	8.83	-0.19	-0.19	-13.44
GEW-049	5/11/2021 10:20:07 AM	49.7	35.4	0.0	14.9	73.0	72.8	13.97	15.80	-0.25	-0.25	-13.48
GEW-049	5/20/2021 10:15:04 AM	49.1	36.3	0.0	14.6	87.0	86.5	16.83	22.18	-0.44	-0.46	-13.16
GEW-049	5/26/2021 9:05:13 AM	49.8	36.7	0.0	13.5	83.7	83.7	14.14	13.59	-0.23	-0.24	-13.02
GEW-049	5/26/2021 9:06:57 AM	49.9	36.6	0.0	13.5	83.9	84.0	13.87	13.87	-0.25	-0.25	-13.02

May 2021 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 ₂ O		
GEW-050	5/5/2021 10:25:57 AM	56.4	38.3	0.0	5.3	77.5	77.6	7.36	6.22	-0.23	-0.23	-5.10
GEW-050	5/10/2021 10:20:07 AM	56.8	38.6	0.0	4.6	78.2	78.0	6.22	6.22	0.05	0.05	-5.43
GEW-050	5/10/2021 10:26:06 AM	56.6	38.6	0.0	4.8	78.7	78.7	3.93	2.78	-0.01	-0.01	-5.31
GEW-050	5/17/2021 11:08:07 AM	59.7	40.3	0.0	0.0	71.4	71.4	5.60	5.60	0.07	0.07	-4.97
GEW-050	5/17/2021 11:10:03 AM	59.7	40.2	0.0	0.1	71.8	71.8	4.34	4.15	0.07	0.07	-5.56
GEW-050	5/18/2021 9:50:03 AM	57.9	40.3	0.0	1.8	68.4	68.6	8.83	12.17	-0.01	-0.02	-5.07
GEW-050	5/26/2021 10:23:58 AM	57.4	39.0	0.0	3.6	90.8	90.8	14.32	14.32	-0.08	-0.08	-5.18
GEW-051	5/5/2021 10:48:35 AM	54.8	41.3	0.0	3.9	116.1	116.1	12.00	10.39	-0.85	-0.86	-12.97
GEW-051	5/11/2021 8:06:24 AM	55.3	40.9	0.0	3.8	115.3	115.0	13.42	12.00	-0.91	-0.91	-13.48
GEW-051	5/11/2021 8:11:55 AM	55.2	40.2	0.0	4.6	115.1	115.0	11.39	11.39	-0.90	-0.92	-13.73
GEW-051	5/17/2021 11:31:59 AM	57.0	40.4	0.0	2.6	116.8	116.7	7.59	8.90	-0.61	-0.61	-13.23
GEW-051	5/26/2021 10:47:02 AM	54.2	41.9	0.0	3.9	119.2	119.2	15.17	17.16	-0.84	-0.83	-13.06
GEW-052	5/5/2021 10:31:54 AM	49.8	34.3	0.0	15.9	97.0	97.2	20.08	19.13	-0.18	-0.18	-13.56
GEW-052	5/5/2021 10:33:19 AM	49.7	34.1	0.0	16.2	97.2	97.2	4.73	4.73	-0.18	-0.18	-13.56
GEW-052	5/10/2021 10:30:19 AM	51.0	35.9	0.0	13.1	98.8	98.7	7.72	7.72	-0.02	-0.02	-13.56
GEW-052	5/10/2021 10:37:04 AM	50.7	36.3	0.0	13.0	99.1	98.9	3.86	3.86	-0.05	-0.05	-13.48
GEW-052	5/17/2021 11:14:39 AM	54.9	37.1	0.0	8.0	99.4	99.4	8.45	9.07	0.00	0.00	-13.40
GEW-052	5/17/2021 11:16:30 AM	54.9	36.4	0.0	8.7	99.9	99.6	2.73	3.86	-0.03	-0.02	-13.40
GEW-052	5/26/2021 10:27:15 AM	51.8	36.8	0.0	11.4	104.1	104.0	14.91	14.66	-0.13	-0.13	-13.77
GEW-053	5/5/2021 10:53:27 AM	50.7	40.9	0.0	8.4	137.8	138.0	7.91	6.97	-0.54	-0.54	-12.81
GEW-053	5/5/2021 10:55:11 AM	50.3	41.9	0.0	7.8	137.7	137.7	3.28	3.23	-0.54	-0.54	-13.40
GEW-053	5/11/2021 8:16:17 AM	50.3	41.0	0.0	8.7	137.1	136.2	10.55	10.55	-0.62	-0.61	-13.31
GEW-053	5/11/2021 8:22:35 AM	50.3	41.5	0.0	8.2	137.1	136.2	8.34	9.51	-0.54	-0.54	-13.48
GEW-053	5/17/2021 11:41:14 AM	52.4	41.2	0.0	6.4	137.7	137.8	3.18	3.12	-0.32	-0.32	-12.72
GEW-053	5/17/2021 11:43:30 AM	52.1	42.0	0.0	5.9	137.5	137.4	8.34	6.98	-0.33	-0.33	-12.89
GEW-053	5/26/2021 10:57:44 AM	50.3	41.2	0.0	8.5	139.9	139.9	12.93	13.96	-0.50	-0.51	-12.93
GEW-053	5/26/2021 10:59:30 AM	49.9	42.2	0.0	7.9	139.9	140.2	10.24	11.81	-0.51	-0.52	-12.85
GEW-054	5/5/2021 10:58:39 AM	53.4	42.2	0.0	4.4	143.9	143.9	45.72	45.93	-4.57	-4.56	-13.27
GEW-054	5/5/2021 11:00:15 AM	53.6	41.5	0.0	4.9	144.0	143.9	39.20	39.25	-4.38	-4.38	-12.47
GEW-054	5/11/2021 8:27:17 AM	53.3	41.5	0.0	5.2	143.9	143.9	40.74	40.74	-4.41	-4.41	-14.15
GEW-054	5/11/2021 8:34:28 AM	53.5	42.6	0.0	3.9	143.9	143.9	38.87	38.52	-4.41	-4.42	-13.65
GEW-054	5/17/2021 11:47:19 AM	55.3	42.5	0.0	2.2	144.2	144.2	38.74	38.83	-4.25	-4.24	-13.10
GEW-054	5/17/2021 11:49:42 AM	55.4	42.2	0.0	2.4	144.2	144.2	38.11	37.63	-4.24	-4.22	-13.90
GEW-054	5/25/2021 10:27:29 AM	53.3	40.6	0.0	6.1	144.2	144.2	37.57	36.56	-4.13	-4.12	-13.52
GEW-054	5/25/2021 10:33:52 AM	53.3	39.3	0.0	7.4	144.2	144.2	36.01	38.19	-4.12	-4.13	-12.81
GEW-055	5/5/2021 11:05:05 AM	52.5	40.7	0.0	6.8	130.6	130.6	9.92	11.57	-1.42	-1.42	-13.06
GEW-055	5/11/2021 8:38:20 AM	52.4	40.2	0.0	7.4	128.3	128.3	7.44	7.44	-1.38	-1.38	-13.44
GEW-055	5/11/2021 8:43:58 AM	52.7	40.7	0.0	6.6	128.3	128.4	11.31	9.60	-1.44	-1.43	-13.23
GEW-055	5/20/2021 10:39:20 AM	52.0	40.7	0.0	7.3	130.5	130.3	0.00	0.00	-1.40	-1.40	-13.34
GEW-055	5/26/2021 11:08:28 AM	52.3	40.8	0.0	6.9	132.9	132.9	11.85	10.10	-1.48	-1.47	-13.31
GEW-055	5/26/2021 11:09:48 AM	52.1	41.3	0.0	6.6	133.2	133.2	9.63	11.31	-1.49	-1.50	-13.35

May 2021 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 ₂ O		
GEW-056R	5/5/2021 2:16:01 PM	40.1	36.8	0.0	23.1	96.5	97.0	4.69	4.40	-0.35	-0.36	-18.91
GEW-056R	5/12/2021 11:23:09 AM	38.3	38.7	0.0	23.0	87.9	88.1	1.15	1.15	-0.38	-0.38	-18.90
GEW-056R	5/12/2021 11:28:06 AM	38.2	38.9	0.0	22.9	89.1	89.1	1.15	1.15	-0.38	-0.38	-18.90
GEW-056R	5/18/2021 2:04:29 PM	41.4	38.9	0.0	19.7	87.2	87.5	15.10	15.18	-0.34	-0.34	-19.24
GEW-056R	5/26/2021 2:19:10 PM	51.8	38.2	0.0	10.0	118.4	118.3	1.09	1.09	-0.34	-0.34	-18.60
GEW-057B	5/10/2021 2:41:15 PM	14.6	44.8	1.9	38.7	83.9	84.0	5.95	6.36	-14.55	-14.55	-18.79
GEW-057B	5/27/2021 9:08:18 AM	15.3	51.9	1.0	31.8	82.3	82.3	1.58	2.96	-15.11	-15.11	-19.32
GEW-059R	5/10/2021 1:53:38 PM	24.6	38.6	0.0	36.8	117.6	117.7	4.04	3.58	-6.43	-6.43	-18.66
GEW-059R	5/26/2021 2:17:19 PM	24.8	36.9	0.0	38.3	135.0	135.0	3.32	4.07	-5.41	-5.41	-18.87
GEW-059R	5/26/2021 2:19:44 PM	24.7	38.2	0.0	37.1	137.1	137.4	4.80	4.44	-5.41	-5.41	-18.91
GEW-067A	5/7/2021 8:39:55 AM	4.2	61.1	0.0	34.7	198.6	198.6	11.28	12.67	1.25	1.25	-19.53
GEW-067A	5/7/2021 8:42:51 AM	4.3	61.0	0.0	34.7	199.3	199.3	6.04	6.55	-0.33	-0.33	-19.24
GEW-067A	5/20/2021 10:35:43 AM	4.4	64.7	0.0	30.9	204.7	204.7	22.34	22.97	3.16	3.16	-18.52
GEW-067A	5/20/2021 10:40:40 AM	5.6	49.2	0.1	45.1	203.1	203.1	25.35	25.28	-0.47	-0.48	-18.35
GEW-068A	5/14/2021 8:48:46 AM	25.4	47.9	0.0	26.7	167.6	167.6	13.48	13.45	-10.49	-10.49	-19.38
GEW-068A	5/14/2021 8:50:10 AM	25.1	48.9	0.0	26.0	167.6	167.6	13.45	13.13	-10.49	-10.49	-19.80
GEW-068A	5/21/2021 11:12:58 AM	26.1	48.9	0.0	25.0	167.6	166.6	14.72	13.97	-9.50	-9.50	-18.44
GEW-068A	5/21/2021 11:13:54 AM	25.1	52.1	0.0	22.8	167.6	167.1	14.82	14.40	-9.50	-9.50	-18.05
GEW-078R	5/13/2021 9:15:04 AM	23.8	39.9	0.0	36.3	152.1	152.5	29.33	29.62	-6.75	-6.75	-19.37
GEW-078R	5/13/2021 9:15:51 AM	23.6	39.7	0.0	36.7	153.3	153.3	29.02	29.27	-7.09	-7.09	-19.28
GEW-078R	5/21/2021 11:23:16 AM	23.8	40.7	0.0	35.5	153.3	153.7	28.51	28.33	-6.08	-6.08	-17.63
GEW-078R	5/21/2021 11:24:13 AM	24.1	40.6	0.0	35.3	154.4	154.6	28.95	28.30	-6.08	-6.08	-17.67
GEW-082R	5/7/2021 2:21:43 PM	19.5	41.0	0.0	39.5	168.1	165.7	3.16	1.74	-1.42	-1.42	-18.39
GEW-082R	5/7/2021 2:22:40 PM	20.7	40.3	0.0	39.0	168.1	167.6	1.41	1.73	-1.48	-1.48	-18.27
GEW-082R	5/20/2021 2:12:11 PM	38.1	39.1	0.0	22.8	173.2	172.1	1.72	1.99	-1.55	-1.56	-18.27
GEW-082R	5/20/2021 2:13:10 PM	38.9	38.1	0.0	23.0	173.6	173.1	1.72	2.63	-1.58	-1.58	-18.48
GEW-086	5/7/2021 10:46:27 AM	9.5	27.5	5.7	57.3	128.3	128.9	3.55	3.21	-0.09	-0.09	-18.27
GEW-086	5/7/2021 10:47:20 AM	9.4	26.6	5.7	58.3	129.2	129.2	3.03	2.83	-0.12	-0.12	-18.52
GEW-086	5/20/2021 11:11:33 AM	5.8	25.9	4.9	63.4	130.1	130.2	1.85	1.51	-0.21	-0.21	-18.10
GEW-086	5/20/2021 11:15:32 AM	6.1	27.1	4.3	62.5	122.6	122.6	4.19	1.53	-0.10	-0.11	-18.27
GEW-087	5/7/2021 10:37:04 AM	7.6	63.4	0.0	29.0	200.8	200.8	31.08	30.88	-4.63	-4.64	-18.01
GEW-087	5/7/2021 10:39:04 AM	6.7	64.5	0.0	28.8	200.8	200.8	31.02	30.86	-4.63	-4.63	-16.53
GEW-087	5/20/2021 11:46:37 AM	24.1	60.1	0.2	15.6	197.9	197.9	25.63	27.03	-8.86	-8.86	-17.80
GEW-087	5/20/2021 11:47:39 AM	24.0	59.8	0.2	16.0	197.9	197.9	24.79	25.23	-9.12	-9.12	-16.87
GEW-088	5/7/2021 9:00:52 AM	2.1	54.3	0.0	43.6	166.6	165.2	5.42	5.43	-0.08	-0.08	-19.53
GEW-088	5/7/2021 9:02:01 AM	2.0	53.5	0.0	44.5	166.6	166.1	4.61	5.13	-0.11	-0.11	-19.41
GEW-088	5/20/2021 10:48:43 AM	1.9	57.0	0.0	41.1	165.1	166.9	4.28	4.61	-0.01	-0.02	-18.22
GEW-088	5/20/2021 10:49:38 AM	1.8	54.2	0.0	44.0	168.1	167.1	5.02	4.15	-0.07	-0.07	-18.18
GEW-090	5/7/2021 8:20:00 AM	27.6	42.0	0.0	30.4	152.2	151.5	5.53	5.06	-7.77	-7.77	-20.21
GEW-090	5/7/2021 8:20:53 AM	26.3	43.4	0.0	30.3	152.5	152.5	4.04	6.14	-7.77	-7.77	-19.96
GEW-090	5/20/2021 10:11:50 AM	26.5	43.7	0.1	29.7	158.1	157.3	5.75	4.70	-7.77	-7.77	-18.73

May 2021 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 ₂ O		
GEW-090	5/20/2021 10:12:45 AM	25.9	45.2	0.0	28.9	158.0	156.5	4.36	4.60	-7.77	-7.77	-18.90
GEW-091	5/5/2021 2:50:54 PM	3.7	55.4	0.0	40.9	200.8	199.8	10.10	10.16	-8.78	-8.78	-18.86
GEW-091	5/5/2021 2:52:20 PM	3.2	57.3	0.0	39.5	200.8	200.8	17.73	17.73	-7.30	-7.30	-18.60
GEW-091	5/12/2021 3:13:24 PM	4.2	55.4	0.0	40.4	201.6	201.6	16.71	15.23	-7.64	-7.64	-18.18
GEW-091	5/12/2021 3:18:54 PM	3.2	59.8	0.0	37.0	201.5	200.1	17.02	17.05	-4.67	-4.67	-18.31
GEW-091	5/19/2021 8:43:34 AM	4.2	59.2	0.0	36.6	195.7	195.7	14.00	11.11	-8.44	-8.44	-19.28
GEW-091	5/19/2021 8:44:44 AM	3.4	60.6	0.0	36.0	195.7	195.7	14.58	15.86	-8.78	-8.78	-19.32
GEW-091	5/26/2021 2:46:20 PM	7.8	55.2	0.0	37.0	200.8	200.1	17.53	21.70	-7.39	-7.39	-19.03
GEW-091	5/26/2021 2:47:15 PM	7.7	56.0	0.0	36.3	200.8	199.3	14.93	17.08	-7.43	-7.43	-18.69
GEW-100	5/14/2021 8:35:50 AM	11.8	51.3	0.0	36.9	81.2	80.8	2.60	2.60	-3.67	-3.67	-19.63
GEW-100	5/26/2021 11:29:12 AM	36.9	60.8	0.0	2.3	105.7	105.7	3.41	4.03	-13.85	-13.85	-17.72
GEW-101	5/12/2021 2:38:48 PM	34.8	59.6	0.0	5.6	84.1	84.2	6.70	7.17	-5.75	-5.75	-16.47
GEW-101	5/26/2021 11:47:02 AM	42.8	57.2	0.0	0.0	97.1	97.4	10.30	10.48	-2.94	-2.93	-18.86
GEW-101	5/26/2021 11:48:20 AM	43.5	56.5	0.0	0.0	98.2	98.2	10.43	10.43	-4.10	-4.10	-16.32
GEW-102	5/12/2021 2:25:17 PM	36.6	30.1	6.8	26.5	74.1	74.1	1.02	1.44	-18.31	-18.31	-18.70
GEW-102	5/12/2021 2:26:45 PM	37.2	30.6	6.4	25.8	74.3	74.3	1.25	0.58	-18.31	-18.31	-18.32
GEW-102	5/21/2021 11:07:30 AM	49.6	40.7	1.8	7.9	91.2	91.2	0.92	0.59	-18.24	-18.24	-18.22
GEW-104	5/14/2021 10:35:06 AM	13.2	50.6	0.0	36.2	183.3	183.4	18.62	18.64	-3.36	-3.35	-18.28
GEW-104	5/14/2021 10:36:13 AM	12.9	51.5	0.0	35.6	184.3	184.5	15.04	14.92	-3.61	-3.61	-18.32
GEW-104	5/26/2021 8:54:29 AM	16.8	50.7	0.0	32.5	170.0	170.0	24.15	24.31	-5.07	-5.07	-19.53
GEW-104	5/26/2021 8:55:25 AM	16.4	50.8	0.0	32.8	171.0	171.0	25.08	24.38	-5.07	-5.07	-19.62
GEW-105	5/10/2021 2:20:08 PM	51.4	44.8	0.0	3.8	93.6	93.6	4.83	5.69	-2.55	-2.56	-18.79
GEW-105	5/27/2021 11:18:32 AM	52.1	44.6	0.0	3.3	106.1	106.0	4.32	5.23	-2.00	-2.00	-18.74
GEW-106	5/10/2021 2:13:45 PM	13.6	62.2	0.0	24.2	80.1	80.3	4.84	5.25	0.24	0.25	-18.49
GEW-106	5/10/2021 2:15:34 PM	13.5	61.8	0.0	24.7	84.3	84.7	6.21	5.16	-4.04	-4.02	-18.37
GEW-106	5/27/2021 11:07:09 AM	30.1	51.2	0.0	18.7	106.7	107.0	1.92	2.48	-4.08	-4.07	-18.62
GEW-107	5/10/2021 1:58:01 PM	47.6	48.5	0.0	3.9	116.3	116.5	12.72	13.74	-2.51	-2.51	-18.83
GEW-107	5/26/2021 2:26:17 PM	46.4	45.7	0.0	7.9	127.9	128.0	2.54	2.54	-2.56	-2.56	-18.53
GEW-108	5/5/2021 2:20:40 PM	45.4	44.7	0.0	9.9	111.8	111.7	4.26	5.28	-2.84	-2.84	-18.24
GEW-108	5/12/2021 2:30:22 PM	45.1	45.2	0.0	9.7	120.5	119.7	4.58	3.59	-2.30	-2.29	-18.22
GEW-108	5/12/2021 2:35:08 PM	44.5	44.4	0.0	11.1	119.2	119.4	3.90	7.18	-2.31	-2.30	-18.22
GEW-108	5/19/2021 8:24:21 AM	45.3	45.5	0.0	9.2	114.5	114.8	2.89	2.88	-2.53	-2.54	-19.07
GEW-108	5/26/2021 2:28:31 PM	53.2	44.9	0.0	1.9	134.1	134.1	4.48	1.83	-2.35	-2.35	-18.27
GEW-108	5/26/2021 2:30:14 PM	52.8	45.4	0.0	1.8	136.8	136.8	6.21	5.45	-2.89	-2.90	-18.22
GEW-109	5/5/2021 2:26:49 PM	48.6	38.4	1.1	11.9	82.4	82.3	4.81	4.81	-0.93	-0.92	-18.53
GEW-109	5/12/2021 2:20:06 PM	49.2	38.8	1.1	10.9	76.6	76.6	4.39	4.69	-0.83	-0.83	-18.22
GEW-109	5/12/2021 2:24:49 PM	47.2	35.2	1.2	16.4	75.9	75.9	5.75	5.25	-0.83	-0.83	-18.56
GEW-109	5/19/2021 8:19:44 AM	48.4	39.8	1.2	10.6	74.5	74.6	3.11	3.11	-1.04	-1.04	-19.24
GEW-109	5/26/2021 2:25:23 PM	56.4	36.6	1.5	5.5	105.2	105.5	2.49	1.57	-1.00	-1.00	-18.48
GEW-110	5/5/2021 2:11:12 PM	46.1	43.8	0.0	10.1	130.2	130.3	7.45	6.82	-3.52	-3.51	-18.91
GEW-110	5/12/2021 11:05:31 AM	45.7	47.8	0.0	6.5	126.7	126.9	4.77	6.02	-3.57	-3.57	-19.03

May 2021 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 ₂ O		
GEW-110	5/12/2021 11:10:26 AM	45.6	47.3	0.0	7.1	127.8	127.8	5.10	5.10	-3.66	-3.66	-19.15
GEW-110	5/18/2021 1:58:36 PM	46.6	46.8	0.0	6.6	127.4	127.5	6.98	6.98	-3.30	-3.32	-19.53
GEW-110	5/26/2021 2:12:19 PM	56.0	44.0	0.0	0.0	132.8	132.9	5.59	6.07	-2.89	-2.88	-18.73
GEW-110	5/26/2021 2:13:25 PM	55.6	44.4	0.0	0.0	133.5	133.5	9.92	9.92	-4.14	-4.14	-18.69
GEW-113	5/7/2021 10:25:28 AM	16.1	64.1	0.0	19.8	174.7	173.7	9.07	9.09	-1.48	-1.48	-18.39
GEW-113	5/7/2021 10:26:28 AM	16.1	64.2	0.0	19.7	174.7	174.2	9.18	10.01	-1.48	-1.48	-19.03
GEW-113	5/20/2021 11:31:09 AM	24.8	62.9	0.2	12.1	175.9	175.5	9.88	10.33	-1.49	-1.49	-18.18
GEW-113	5/20/2021 11:32:17 AM	26.7	63.4	0.2	9.7	172.6	175.8	9.83	9.88	-1.50	-1.50	-17.97
GEW-116	5/7/2021 11:56:20 AM	49.3	50.6	0.1	0.0	99.2	98.9	8.88	10.03	-0.02	-0.02	-18.22
GEW-116	5/24/2021 10:21:30 AM	37.8	57.1	1.3	3.8	109.7	109.9	8.71	7.98	-0.06	-0.07	-18.05
GEW-117	5/13/2021 9:45:46 AM	35.6	56.7	0.0	7.7	119.0	118.9	10.55	7.38	-8.78	-8.78	-18.86
GEW-117	5/26/2021 9:30:09 AM	34.2	60.3	0.0	5.5	121.3	121.2	3.20	1.85	-7.13	-7.13	-19.24
GEW-118	5/13/2021 9:38:28 AM	2.1	64.6	0.0	33.3	203.9	203.9	22.31	21.47	-0.81	-0.80	-19.66
GEW-118	5/13/2021 9:40:06 AM	2.0	66.1	0.0	31.9	203.9	203.9	21.28	19.66	-0.81	-0.81	-20.17
GEW-118	5/26/2021 9:23:26 AM	3.6	63.5	0.0	32.9	200.9	201.2	20.88	20.79	-2.22	-2.22	-20.08
GEW-118	5/26/2021 9:24:26 AM	3.2	65.0	0.0	31.8	201.5	201.1	21.64	19.38	-2.23	-2.23	-20.42
GEW-120	5/7/2021 2:30:57 PM	25.1	25.2	2.1	47.6	104.3	104.0	10.92	7.69	-3.08	-3.08	-18.44
GEW-120	5/24/2021 11:14:02 AM	9.1	25.7	3.0	62.2	107.2	107.2	6.81	7.57	-2.79	-2.78	-18.01
GEW-121	5/7/2021 2:46:10 PM	54.0	46.0	0.0	0.0	114.1	114.0	5.14	5.14	-1.21	-1.21	-17.93
GEW-121	5/24/2021 2:18:17 PM	29.5	36.5	0.0	34.0	127.2	127.1	8.35	6.50	-1.98	-1.97	-17.93
GEW-122	5/10/2021 2:01:12 PM	45.2	36.9	0.1	17.8	78.7	78.9	8.77	10.51	-3.36	-3.36	-18.90
GEW-122	5/24/2021 2:51:50 PM	47.7	38.7	0.1	13.5	99.9	99.9	6.80	6.52	-2.98	-2.97	-18.60
GEW-123	5/7/2021 2:55:10 PM	51.8	47.5	0.7	0.0	87.5	87.7	2.58	1.15	-0.07	-0.07	-18.31
GEW-123	5/24/2021 2:23:52 PM	35.6	51.2	3.1	10.1	98.2	98.7	2.52	2.26	-0.41	-0.41	-18.94
GEW-124	5/10/2021 9:34:03 AM	49.0	35.8	3.3	11.9	63.6	63.3	0.71	0.72	-16.63	-16.63	-18.60
GEW-124	5/24/2021 2:40:26 PM	47.3	31.1	4.7	16.9	96.2	96.2	0.94	0.76	-17.60	-17.60	-18.65
GEW-125	5/10/2021 9:51:27 AM	36.7	40.2	1.0	22.1	70.9	71.1	1.66	1.66	-4.81	-4.81	-18.27
GEW-125	5/26/2021 9:35:01 AM	38.6	38.9	0.2	22.3	80.7	80.7	1.63	1.63	-4.44	-4.44	-19.28
GEW-126	5/10/2021 10:27:15 AM	27.2	32.1	2.1	38.6	73.0	73.0	1.65	1.16	-6.54	-6.54	-17.59
GEW-126	5/26/2021 9:46:30 AM	23.8	34.8	1.8	39.6	88.9	88.9	1.60	1.13	-6.21	-6.21	-19.07
GEW-127	5/10/2021 10:41:26 AM	28.0	55.5	0.1	16.4	69.3	69.4	7.54	8.17	-0.03	-0.03	-17.97
GEW-127	5/26/2021 9:55:30 AM	40.3	53.8	0.0	5.9	86.5	88.6	1.15	1.15	-0.05	-0.05	-19.07
GEW-129	5/10/2021 11:04:12 AM	35.8	49.9	0.0	14.3	91.5	91.6	13.37	13.28	-1.76	-1.76	-17.59
GEW-129	5/26/2021 10:54:29 AM	48.2	51.8	0.0	0.0	102.6	102.8	11.18	11.18	-1.14	-1.13	-18.10
GEW-129	5/26/2021 10:55:29 AM	48.3	51.7	0.0	0.0	109.0	109.2	27.85	27.84	-2.68	-2.67	-18.82
GEW-130	5/10/2021 11:37:55 AM	24.7	43.9	0.0	31.4	143.2	143.4	6.67	5.28	-11.23	-11.23	-18.44
GEW-130	5/10/2021 11:38:43 AM	24.1	44.9	0.0	31.0	143.5	143.9	4.87	6.34	-11.23	-11.23	-18.60
GEW-130	5/20/2021 3:00:49 PM	56.7	39.4	0.0	3.9	144.9	144.2	6.65	9.25	-11.14	-11.14	-18.60
GEW-130	5/20/2021 3:01:37 PM	54.7	39.3	0.0	6.0	144.9	144.9	5.73	5.73	-11.48	-11.48	-18.86
GEW-131	5/10/2021 2:08:50 PM	43.8	49.8	0.0	6.4	123.9	124.2	11.74	11.25	-9.79	-9.79	-19.15
GEW-131	5/24/2021 2:55:02 PM	48.2	43.3	0.1	8.4	134.7	135.0	10.78	10.73	-8.86	-8.86	-18.65

May 2021 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 ₂ O		
GEW-131	5/24/2021 2:55:48 PM	48.0	44.0	0.1	7.9	135.3	135.3	9.09	6.72	-8.82	-8.82	-18.65
GEW-132	5/7/2021 2:26:50 PM	36.9	36.8	0.1	26.2	111.1	111.5	3.81	3.97	-1.29	-1.30	-18.35
GEW-132	5/24/2021 2:12:06 PM	20.4	32.9	0.4	46.3	121.5	120.5	2.16	2.65	-1.54	-1.54	-18.48
GEW-133	5/7/2021 11:47:41 AM	27.5	53.2	0.0	19.3	88.4	88.6	4.73	7.77	-1.40	-1.39	-18.10
GEW-133	5/24/2021 10:13:37 AM	15.3	55.9	0.0	28.8	113.8	114.0	12.13	8.89	-1.84	-1.84	-17.25
GEW-134	5/7/2021 11:43:22 AM	24.9	44.7	0.0	30.4	81.9	82.1	1.16	1.16	-0.10	-0.11	-18.22
GEW-134	5/24/2021 10:09:12 AM	11.9	43.9	0.2	44.0	95.0	95.0	1.97	1.61	-0.13	-0.12	-18.52
GEW-135	5/7/2021 11:30:23 AM	8.7	54.0	0.0	37.3	85.9	86.1	3.65	3.65	-0.15	-0.15	-16.19
GEW-135	5/24/2021 10:00:53 AM	3.8	53.9	0.1	42.2	99.9	100.1	2.52	2.52	-0.16	-0.16	-16.70
GEW-137	5/13/2021 8:59:27 AM	42.4	42.7	0.2	14.7	75.9	75.9	8.28	8.20	-1.76	-1.75	-19.24
GEW-137	5/24/2021 9:55:23 AM	42.3	46.8	0.1	10.8	93.2	93.4	1.97	1.97	-1.73	-1.73	-19.03
GEW-139	5/14/2021 6:03:48 PM	0.7	49.6	1.9	47.8	86.8	86.8	2.94	2.94	-0.58	-0.58	-19.00
GEW-139	5/26/2021 10:43:24 AM	21.7	37.3	4.8	36.2	91.7	91.9	1.97	1.61	-1.88	-1.88	-18.18
GEW-140	5/13/2021 10:34:41 AM	44.0	43.9	0.0	12.1	83.3	84.0	6.69	3.80	-4.95	-4.95	-16.58
GEW-140	5/26/2021 11:09:13 AM	50.8	44.5	0.0	4.7	100.6	100.8	2.72	2.94	-4.89	-4.88	-16.53
GEW-144	5/14/2021 8:46:27 AM	38.8	35.4	4.9	20.9	68.6	68.6	0.78	0.77	-17.93	-17.93	-19.25
GEW-144	5/26/2021 3:13:29 PM	46.9	34.1	4.7	14.3	105.0	105.0	3.86	1.07	-16.88	-16.88	-18.31
GEW-145	5/12/2021 2:30:56 PM	30.1	44.1	1.1	24.7	79.4	79.4	4.90	6.56	-17.59	-17.59	-18.79
GEW-145	5/27/2021 9:23:59 AM	32.1	50.1	0.8	17.0	79.4	79.4	6.14	8.75	-16.88	-16.88	-19.28
GEW-147	5/7/2021 10:12:39 AM	16.5	46.3	0.4	36.8	148.1	148.3	12.86	12.82	-5.36	-5.36	-18.86
GEW-147	5/7/2021 10:13:46 AM	16.3	47.7	0.4	35.6	148.4	148.6	10.78	12.52	-5.36	-5.36	-19.20
GEW-147	5/20/2021 11:42:13 AM	34.1	48.6	0.5	16.8	150.6	151.0	9.12	11.93	-5.07	-5.07	-18.10
GEW-147	5/20/2021 11:43:01 AM	36.1	47.7	0.6	15.6	150.8	150.6	11.08	11.76	-5.07	-5.07	-18.14
GEW-148	5/7/2021 9:33:19 AM	27.5	58.0	0.0	14.5	133.2	133.5	6.38	6.54	-10.98	-10.98	-19.24
GEW-148	5/7/2021 9:34:15 AM	27.0	57.6	0.0	15.4	134.4	134.7	7.08	9.46	-10.98	-10.98	-19.28
GEW-148	5/20/2021 11:22:31 AM	30.4	57.3	0.0	12.3	134.1	134.4	12.07	10.14	-10.13	-10.13	-17.93
GEW-148	5/20/2021 11:23:38 AM	31.5	56.7	0.0	11.8	135.3	135.6	8.19	8.51	-10.47	-10.47	-17.93
GEW-149	5/6/2021 10:15:25 AM	3.8	12.4	4.9	78.9	80.7	80.7	1.17	2.33	-0.03	-0.03	-18.60
GEW-149	5/6/2021 10:18:15 AM	3.8	12.6	4.9	78.7	81.0	81.0	1.17	1.17	-0.01	-0.02	-18.94
GEW-150	5/10/2021 2:27:32 PM	25.9	42.9	1.4	29.8	160.7	160.7	19.12	19.12	-3.57	-3.57	-18.62
GEW-150	5/10/2021 2:29:39 PM	25.6	41.8	1.5	31.1	160.7	161.1	25.57	25.57	-3.17	-3.17	-18.79
GEW-150	5/24/2021 8:51:07 AM	25.1	41.0	2.5	31.4	121.8	121.5	48.89	48.54	-1.91	-1.90	-19.24
GEW-152	5/10/2021 2:00:34 PM	26.9	43.4	1.5	28.2	79.7	79.7	5.85	5.73	-1.52	-1.52	-18.74
GEW-152	5/26/2021 2:28:42 PM	28.3	45.1	0.6	26.0	106.0	106.1	3.16	3.16	-1.38	-1.38	-18.74
GEW-153	5/10/2021 1:55:33 PM	30.9	33.4	0.0	35.7	94.8	94.8	3.21	4.09	-3.17	-3.17	-18.87
GEW-153	5/26/2021 2:22:53 PM	32.6	32.5	0.0	34.9	111.5	111.5	3.81	3.81	-3.00	-3.00	-18.70
GEW-156	5/10/2021 1:51:55 PM	29.1	43.1	0.0	27.8	110.5	110.5	4.65	3.95	-5.75	-5.75	-18.70
GEW-156	5/26/2021 2:12:55 PM	29.8	42.1	0.0	28.1	132.3	132.6	10.36	10.36	-4.86	-4.86	-18.83
GEW-156	5/26/2021 2:14:17 PM	30.2	39.8	0.0	30.0	132.3	132.3	2.36	2.36	-4.75	-4.75	-18.96
GEW-157	5/10/2021 2:37:49 PM	36.4	39.4	1.4	22.8	81.9	81.9	6.37	6.37	-2.19	-2.19	-19.00
GEW-157	5/27/2021 9:02:17 AM	35.5	42.0	1.5	21.0	82.3	82.3	2.83	3.47	-2.63	-2.63	-19.45

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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 ₂ O		
GEW-158	5/10/2021 2:17:33 PM	33.9	49.0	0.0	17.1	94.0	94.1	4.57	4.57	-0.91	-0.90	-18.70
GEW-158	5/28/2021 10:45:30 AM	33.1	46.5	0.0	20.4	65.6	65.7	3.61	3.18	-1.07	-1.06	-20.09
GEW-160	5/5/2021 2:47:37 PM	30.6	32.2	1.7	35.5	82.1	82.1	3.25	1.99	-5.40	-5.40	-18.99
GEW-160	5/12/2021 3:05:07 PM	31.4	33.5	1.0	34.1	78.2	78.0	7.77	7.77	-4.94	-4.94	-18.73
GEW-160	5/12/2021 3:10:07 PM	34.0	35.9	0.2	29.9	78.4	78.4	6.44	3.66	-5.07	-5.07	-18.90
GEW-160	5/19/2021 8:40:56 AM	31.7	35.2	1.3	31.8	74.1	74.1	3.29	1.65	-5.70	-5.70	-19.24
GEW-160	5/26/2021 2:43:32 PM	37.6	31.9	1.4	29.1	96.7	96.7	1.12	1.12	-5.07	-5.07	-18.39
GEW-161	5/5/2021 2:43:20 PM	19.8	43.2	1.0	36.0	89.1	89.3	5.33	4.25	-4.09	-4.09	-19.07
GEW-161	5/12/2021 2:57:14 PM	19.8	42.2	1.0	37.0	83.4	83.5	7.71	5.51	-4.05	-4.04	-18.56
GEW-161	5/12/2021 3:01:52 PM	21.8	46.2	0.0	32.0	84.0	84.2	4.29	2.57	-4.06	-4.06	-18.60
GEW-161	5/19/2021 8:36:36 AM	19.5	44.9	1.2	34.4	77.1	77.3	5.57	5.56	-4.73	-4.73	-19.28
GEW-161	5/26/2021 2:40:08 PM	27.1	41.8	0.3	30.8	107.7	107.9	5.92	6.59	-4.41	-4.40	-18.56
GEW-162	5/5/2021 2:28:37 PM	23.2	56.6	0.2	20.0	80.8	80.8	4.21	4.21	-1.96	-1.96	-18.53
GEW-162	5/12/2021 2:49:19 PM	24.1	55.6	0.1	20.2	78.1	78.5	3.09	2.86	-1.76	-1.77	-18.86
GEW-162	5/12/2021 2:54:22 PM	22.6	57.3	0.4	19.7	77.8	77.7	3.50	3.69	-1.80	-1.80	-18.65
GEW-162	5/19/2021 8:33:27 AM	25.9	58.4	0.2	15.5	73.4	73.4	3.11	3.11	-2.30	-2.30	-19.28
GEW-162	5/26/2021 2:37:54 PM	33.4	57.5	0.0	9.1	101.7	102.0	2.50	2.50	-1.96	-1.96	-18.60
GEW-163	5/7/2021 3:01:37 PM	51.4	48.6	0.0	0.0	88.5	88.6	6.09	3.85	-0.77	-0.78	-18.27
GEW-163	5/24/2021 2:21:04 PM	45.2	51.7	0.0	3.1	103.8	104.0	6.47	6.47	-2.47	-2.47	-18.39
GEW-164	5/10/2021 9:17:04 AM	39.1	47.0	0.1	13.8	113.2	113.5	19.18	19.35	-0.45	-0.45	-15.56
GEW-164	5/24/2021 2:27:47 PM	44.6	49.9	0.0	5.5	121.1	120.7	11.23	12.09	-0.31	-0.31	-16.91
GEW-165	5/10/2021 9:40:56 AM	28.1	53.6	2.6	15.7	130.0	129.2	13.19	14.15	-0.04	-0.04	-18.52
GEW-165	5/24/2021 2:46:06 PM	30.3	57.1	1.7	10.9	138.3	138.3	10.32	9.69	-0.05	-0.04	-18.77
GEW-165	5/24/2021 2:46:56 PM	30.7	55.9	1.7	11.7	138.3	138.3	7.91	7.08	-0.05	-0.05	-18.69
GEW-166	5/10/2021 9:44:55 AM	3.4	62.7	0.0	33.9	164.3	164.3	5.05	4.16	-0.33	-0.33	-18.39
GEW-166	5/10/2021 9:47:21 AM	2.8	65.8	0.0	31.4	162.4	162.3	4.96	4.96	-0.10	-0.11	-18.39
GEW-166	5/20/2021 2:43:33 PM	23.5	60.8	0.0	15.7	168.5	168.5	4.60	4.60	-0.21	-0.20	-18.52
GEW-166	5/20/2021 2:44:49 PM	21.0	61.1	0.0	17.9	168.5	168.5	4.13	5.21	-0.19	-0.20	-18.35
GEW-167	5/10/2021 2:04:22 PM	19.7	45.9	0.0	34.4	119.9	119.7	5.17	3.24	-3.25	-3.25	-18.94
GEW-167	5/27/2021 10:35:34 AM	17.1	51.4	0.0	31.5	123.7	123.9	1.86	1.86	-2.14	-2.14	-18.35
GEW-168	5/10/2021 10:07:33 AM	43.6	51.8	1.8	2.8	74.2	74.5	6.25	6.25	-1.35	-1.36	-17.59
GEW-168	5/26/2021 9:40:05 AM	46.5	46.6	0.9	6.0	86.3	86.3	3.87	3.87	-0.93	-0.93	-19.03
GEW-169	5/10/2021 10:38:19 AM	41.0	48.7	0.6	9.7	73.2	73.6	20.06	19.44	-0.04	-0.04	-17.93
GEW-169	5/26/2021 9:51:25 AM	39.4	49.6	0.9	10.1	93.4	93.4	7.65	7.16	-0.05	-0.04	-18.94
GEW-170	5/10/2021 10:44:40 AM	7.8	32.7	7.4	52.1	76.6	76.8	11.51	11.16	-0.05	-0.05	-17.93
GEW-170	5/10/2021 10:45:31 AM	7.4	31.2	7.5	53.9	77.1	77.1	17.63	17.63	-0.05	-0.05	-17.93
GEW-170	5/21/2021 10:12:28 AM	7.2	37.9	5.5	49.4	96.5	96.6	2.69	4.66	-0.05	-0.05	-18.27
GEW-170	5/21/2021 10:13:19 AM	6.9	37.8	5.5	49.8	96.7	96.8	3.80	2.69	-0.05	-0.05	-18.27
GEW-171	5/12/2021 2:46:04 PM	23.1	53.3	0.8	22.8	75.7	75.7	5.14	5.14	-1.24	-1.23	-18.66
GEW-171	5/26/2021 11:20:54 AM	34.9	53.9	2.9	8.3	95.1	95.5	1.13	1.95	-3.42	-3.42	-17.80
GEW-172	5/13/2021 10:30:48 AM	37.1	46.4	0.8	15.7	130.6	130.7	21.70	21.00	-15.20	-15.20	-18.22

May 2021 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 ₂ O		
GEW-172	5/26/2021 11:12:41 AM	49.4	45.0	0.4	5.2	134.7	135.0	19.55	21.67	-15.20	-15.20	-17.89
GEW-172	5/26/2021 11:13:46 AM	49.7	45.0	0.4	4.9	135.1	134.7	18.30	17.49	-15.11	-15.11	-18.27
GEW-174	5/13/2021 11:15:04 AM	15.4	30.6	0.6	53.4	120.7	121.3	10.20	7.21	-4.52	-4.52	-18.14
GEW-174	5/27/2021 11:34:49 AM	15.7	33.9	0.2	50.2	122.3	122.1	23.99	24.40	-4.60	-4.60	-18.18
GEW-177	5/10/2021 11:08:58 AM	21.5	47.9	0.6	30.0	156.0	156.2	14.87	17.59	-13.51	-13.51	-17.93
GEW-177	5/10/2021 11:10:06 AM	21.0	50.1	0.5	28.4	156.5	156.0	16.44	12.87	-13.51	-13.51	-18.10
GEW-177	5/21/2021 10:07:41 AM	23.9	47.2	1.0	27.9	156.9	157.2	11.24	12.17	-14.18	-14.18	-18.73
GEW-177	5/21/2021 10:09:12 AM	23.1	48.8	0.4	27.7	157.3	157.2	18.46	16.57	-13.85	-13.85	-18.44
GEW-178	5/12/2021 2:16:38 PM	43.8	35.6	0.0	20.6	75.3	75.4	3.55	3.55	-0.16	-0.16	-18.83
GEW-178	5/27/2021 10:45:30 AM	32.6	38.7	0.5	28.2	92.9	93.1	10.82	10.93	-6.59	-6.59	-18.35
GEW-179	5/12/2021 2:19:36 PM	33.7	33.5	0.6	32.2	86.5	86.2	9.16	10.23	-8.16	-8.16	-18.41
GEW-179	5/27/2021 10:55:33 AM	40.4	33.4	0.2	26.0	92.8	92.9	3.22	2.55	-0.20	-0.20	-18.05
GEW-180	5/12/2021 2:36:35 PM	38.9	57.2	0.0	3.9	80.4	80.4	3.55	3.37	-17.59	-17.59	-18.87
GEW-180	5/26/2021 2:57:16 PM	49.2	50.6	0.2	0.0	97.8	98.2	3.25	2.17	-16.76	-16.76	-18.56
GEW-181	5/12/2021 2:41:52 PM	30.1	63.2	0.1	6.6	73.2	73.4	4.81	3.76	-18.90	-18.90	-18.87
GEW-181	5/26/2021 11:36:50 AM	39.9	40.1	7.4	12.6	95.5	95.5	2.42	3.75	-19.25	-19.25	-19.28
GEW-181	5/26/2021 11:37:46 AM	41.3	41.7	6.6	10.4	95.3	95.3	5.62	4.46	-19.25	-19.25	-19.28
GEW-185	5/7/2021 2:43:40 PM	40.0	28.4	3.1	28.5	130.5	130.3	18.88	18.89	-7.89	-7.89	-19.66
GEW-185	5/24/2021 11:27:13 AM	20.9	29.0	3.9	46.2	133.2	133.1	23.26	19.08	-9.12	-9.12	-18.90
GEW-185	5/24/2021 11:28:50 AM	21.2	28.9	3.9	46.0	132.9	133.2	19.06	16.47	-9.12	-9.12	-18.01
GEW-186	5/10/2021 10:49:14 AM	47.2	45.3	0.5	7.0	76.4	76.4	5.51	4.55	-0.04	-0.04	-17.93
GEW-186	5/26/2021 9:58:40 AM	46.9	48.6	0.3	4.2	88.9	88.9	1.15	1.15	-0.02	-0.02	-18.27
GEW-187	5/5/2021 2:23:59 PM	44.3	47.2	0.0	8.5	98.8	98.4	12.63	10.26	-3.34	-3.34	-18.87
GEW-187	5/12/2021 2:38:17 PM	45.0	49.0	0.0	6.0	98.7	99.1	12.77	10.96	-3.19	-3.19	-18.48
GEW-187	5/12/2021 2:43:16 PM	44.7	49.1	0.0	6.2	98.9	98.7	10.01	11.96	-3.20	-3.20	-18.18
GEW-187	5/19/2021 8:27:32 AM	44.8	51.7	0.0	3.5	98.3	98.4	10.92	9.95	-3.37	-3.38	-19.20
GEW-187	5/19/2021 8:29:05 AM	44.9	52.1	0.0	3.0	98.9	98.7	9.28	9.01	-3.88	-3.87	-18.69
GEW-187	5/26/2021 2:32:58 PM	51.4	47.4	0.0	1.2	109.2	109.2	13.39	13.39	-3.91	-3.91	-18.73
GEW-187	5/26/2021 2:33:58 PM	51.7	47.3	0.0	1.0	109.5	109.5	15.02	14.90	-4.50	-4.52	-18.73
GEW-217	5/12/2021 2:15:06 PM	25.7	46.8	0.7	26.8	97.5	97.6	3.52	3.52	-8.46	-8.46	-18.79
GEW-217	5/27/2021 11:00:24 AM	24.5	52.5	1.1	21.9	113.0	113.0	13.66	13.27	-6.42	-6.42	-17.93
GEW-218	5/12/2021 2:11:01 PM	10.0	47.2	0.9	41.9	76.4	76.1	3.37	3.37	-0.09	-0.09	-18.49
GEW-218	5/27/2021 9:12:01 AM	13.5	59.2	0.0	27.3	81.2	81.2	2.85	2.33	-0.14	-0.15	-19.28
GEW-220	5/12/2021 2:08:19 PM	41.7	47.8	0.2	10.3	87.0	87.0	4.13	4.13	-4.53	-4.53	-18.91
GEW-220	5/27/2021 9:15:51 AM	44.8	46.1	1.7	7.4	85.6	85.6	5.36	5.71	-4.73	-4.73	-19.28
GEW-221	5/12/2021 2:33:51 PM	27.7	45.5	0.2	26.6	89.1	89.1	3.88	3.88	-12.05	-12.05	-18.49
GEW-221	5/26/2021 3:00:31 PM	40.6	47.6	0.7	11.1	117.9	117.9	1.84	1.50	-11.14	-11.14	-18.48
GEW-222	5/14/2021 8:32:26 AM	54.3	40.0	0.1	5.6	73.4	73.4	8.95	10.04	-17.59	-17.59	-19.55
GEW-222	5/26/2021 11:17:14 AM	60.7	39.2	0.1	0.0	87.5	87.5	1.92	4.29	-15.41	-15.41	-18.01
GEW-223	5/13/2021 10:24:21 AM	42.8	57.2	0.0	0.0	144.9	144.6	7.10	8.33	-6.75	-6.75	-18.22
GEW-223	5/13/2021 10:25:38 AM	43.1	56.9	0.0	0.0	144.5	144.5	10.05	8.33	-6.75	-6.75	-18.60

May 2021 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 ₂ O		
GEW-223	5/21/2021 10:42:34 AM	39.3	60.7	0.0	0.0	149.1	149.2	5.68	6.92	-5.74	-5.74	-18.27
GEW-223	5/21/2021 10:43:30 AM	39.5	60.5	0.0	0.0	149.1	149.2	3.82	3.82	-5.74	-5.74	-18.27
GEW-224	5/13/2021 10:09:11 AM	41.1	55.4	0.0	3.5	134.7	135.3	9.43	10.27	-14.39	-14.39	-18.14
GEW-224	5/13/2021 10:10:31 AM	41.1	55.9	0.0	3.0	135.6	135.6	10.72	9.80	-14.18	-14.18	-18.31
GEW-224	5/21/2021 10:46:49 AM	40.2	58.2	0.0	1.6	138.3	138.3	9.45	9.83	-13.51	-13.51	-17.21
GEW-224	5/21/2021 10:47:41 AM	40.2	58.2	0.0	1.6	138.0	138.0	9.23	11.12	-13.51	-13.51	-17.63
GEW-225	5/13/2021 10:50:44 AM	30.2	43.2	1.6	25.0	113.4	113.2	7.48	8.35	-11.48	-11.48	-18.27
GEW-225	5/26/2021 10:22:43 AM	21.0	46.5	1.2	31.3	142.1	141.9	6.05	7.85	-9.79	-9.79	-18.22
GEW-225	5/26/2021 10:23:29 AM	21.0	48.5	1.2	29.3	141.9	142.2	7.65	8.05	-9.79	-9.79	-18.05
GEW-226	5/13/2021 10:37:58 AM	35.3	41.4	0.7	22.6	159.8	159.8	16.54	16.60	-4.37	-4.38	-18.27
GEW-226	5/13/2021 10:39:06 AM	34.8	41.4	0.7	23.1	160.1	159.8	15.75	16.23	-4.35	-4.35	-18.31
GEW-226	5/21/2021 10:29:12 AM	33.4	42.2	0.6	23.8	160.7	159.4	17.82	17.37	-4.16	-4.17	-18.60
GEW-226	5/21/2021 10:30:15 AM	33.5	42.1	0.6	23.8	161.1	160.6	15.89	17.28	-4.23	-4.23	-18.44
GEW-227	5/7/2021 2:05:17 PM	9.8	52.0	0.2	38.0	168.5	171.0	3.01	3.00	0.05	0.05	-18.31
GEW-227	5/7/2021 2:06:47 PM	9.5	53.2	0.1	37.2	179.2	179.8	7.51	7.51	-0.06	-0.06	-18.48
GEW-227	5/17/2021 2:43:59 PM	6.5	38.9	2.6	52.0	175.8	175.3	1.04	0.55	-0.33	-0.34	-18.74
GEW-227	5/17/2021 2:45:21 PM	6.4	41.1	2.6	49.9	175.7	175.3	3.59	4.11	-0.34	-0.33	-18.91
GEW-232	5/14/2021 11:11:44 AM	27.8	57.3	0.7	14.2	125.3	124.7	6.40	8.17	-0.41	-0.41	-18.07
GEW-232	5/24/2021 9:26:27 AM	25.9	58.8	1.0	14.3	126.1	126.7	3.40	3.56	-0.47	-0.46	-18.94
GEW-233	5/6/2021 9:29:27 AM	1.8	33.9	6.5	57.8	71.1	71.1	8.96	9.04	-0.06	-0.06	-19.45
GEW-233	5/6/2021 9:30:44 AM	1.5	34.1	6.5	57.9	70.8	70.6	8.57	10.89	-0.06	-0.06	-19.41
GEW-233	5/17/2021 2:47:58 PM	1.7	38.2	4.9	55.2	78.7	78.7	2.35	2.88	0.02	0.02	-18.66
GEW-233	5/17/2021 2:49:44 PM	1.8	38.8	4.8	54.6	78.9	79.0	2.88	2.88	-0.03	-0.03	-18.32
GEW-234	5/13/2021 9:34:11 AM	14.7	33.1	1.6	50.6	157.3	156.9	32.26	32.89	-2.38	-2.38	-19.11
GEW-234	5/13/2021 9:35:13 AM	14.5	33.9	1.6	50.0	157.2	156.9	32.65	33.14	-2.39	-2.39	-19.37
GEW-234	5/26/2021 9:18:46 AM	12.6	30.8	1.9	54.7	154.4	154.4	35.34	35.45	-2.75	-2.74	-19.62
GEW-234	5/26/2021 9:19:43 AM	13.1	31.6	1.7	53.6	154.4	154.4	35.23	35.35	-2.74	-2.73	-19.62
GEW-235	5/7/2021 2:50:16 PM	34.4	61.9	0.0	3.7	179.2	179.2	10.95	11.26	0.42	0.41	-18.90
GEW-235	5/7/2021 2:52:15 PM	32.4	63.9	0.0	3.7	179.8	180.3	13.10	13.09	-0.33	-0.33	-18.86
GEW-235	5/20/2021 2:18:22 PM	47.8	52.2	0.0	0.0	180.3	180.3	16.03	13.11	-0.89	-0.88	-18.35
GEW-235	5/20/2021 2:20:45 PM	47.5	52.5	0.0	0.0	181.0	180.9	15.38	18.21	-2.07	-2.07	-18.73
GEW-236	5/13/2021 9:02:28 AM	3.1	27.5	9.2	60.2	197.2	197.2	12.39	11.63	-0.30	-0.29	-17.42
GEW-236	5/13/2021 9:04:39 AM	2.8	27.4	9.2	60.6	197.2	197.2	9.59	9.88	-0.15	-0.15	-17.29
GEW-236	5/21/2021 11:35:11 AM	1.4	54.5	0.1	44.0	202.6	203.1	6.80	9.41	-0.01	-0.02	-15.90
GEW-236	5/21/2021 11:36:37 AM	1.5	53.2	0.0	45.3	203.1	203.1	11.05	8.87	-0.05	-0.04	-16.11
GEW-237	5/14/2021 10:53:03 AM	28.4	31.5	4.7	35.4	121.3	121.1	14.62	11.69	-0.18	-0.20	-3.41
GEW-237	5/27/2021 11:24:38 AM	34.5	39.2	2.3	24.0	121.8	121.8	13.15	15.43	-0.30	-0.30	-10.36
GEW-238	5/7/2021 10:21:02 AM	14.9	63.4	0.0	21.7	187.0	187.0	36.92	37.01	-1.55	-1.53	-18.31
GEW-238	5/7/2021 10:22:08 AM	14.8	64.2	0.0	21.0	187.0	187.0	37.06	37.81	-1.55	-1.54	-18.01
GEW-238	5/20/2021 11:34:55 AM	31.3	63.7	0.1	4.9	185.1	185.1	37.39	36.58	-1.45	-1.46	-17.51
GEW-238	5/20/2021 11:35:57 AM	32.9	63.4	0.0	3.7	185.2	185.2	37.65	37.16	-1.43	-1.42	-17.25

May 2021 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 ₂ O		
GEW-239	5/7/2021 8:25:08 AM	1.7	53.9	0.2	44.2	198.6	198.6	7.95	9.52	-0.25	-0.25	-19.70
GEW-239	5/7/2021 8:27:31 AM	1.3	54.9	0.3	43.5	197.2	196.6	6.44	7.86	-0.16	-0.16	-19.75
GEW-239	5/20/2021 2:05:42 PM	12.3	54.9	0.1	32.7	197.9	197.2	4.60	7.11	-0.13	-0.13	-18.69
GEW-239	5/20/2021 2:07:00 PM	13.9	53.8	0.0	32.3	197.9	197.9	11.81	11.81	-0.15	-0.15	-18.35
GEW-240	5/13/2021 11:19:35 AM	3.9	27.3	3.8	65.0	181.5	181.5	3.68	6.37	-0.05	-0.05	-18.27
GEW-240	5/13/2021 11:20:31 AM	3.8	27.6	3.9	64.7	181.5	181.5	6.95	7.74	-0.06	-0.06	-18.22
GEW-240	5/21/2021 11:18:23 AM	2.4	29.1	3.9	64.6	183.3	182.8	10.14	7.14	-0.09	-0.09	-17.93
GEW-240	5/21/2021 11:19:37 AM	2.3	28.5	3.9	65.3	182.7	182.8	6.21	8.08	-0.07	-0.07	-17.59
GEW-241	5/10/2021 2:49:03 PM	36.6	39.4	0.0	24.0	130.3	130.3	13.32	14.99	-0.14	-0.14	-20.13
GEW-241	5/27/2021 11:03:43 AM	41.3	49.9	0.0	8.8	128.6	129.0	16.10	15.91	-0.14	-0.15	-18.77
GEW-242	5/11/2021 2:33:03 PM	18.5	45.0	3.3	33.2	168.1	168.1	3.72	4.49	-17.25	-17.25	-19.17
GEW-242	5/11/2021 2:56:24 PM	16.4	47.7	2.4	33.5	164.3	163.5	5.51	5.08	-17.25	-17.25	-18.91
GEW-242	5/21/2021 2:06:57 PM	18.0	45.2	2.1	34.7	152.9	153.3	4.07	4.07	-16.21	-16.21	-18.90
GEW-242	5/21/2021 2:08:23 PM	17.9	45.6	2.0	34.5	154.9	155.2	8.53	7.03	-16.21	-16.21	-18.73
GEW-243	5/10/2021 10:10:34 AM	29.9	41.6	0.0	28.5	146.7	146.6	11.07	9.65	-12.96	-12.96	-18.52
GEW-243	5/10/2021 10:12:01 AM	29.4	41.8	0.0	28.8	146.3	146.6	9.77	11.21	-12.92	-12.92	-18.44
GEW-243	5/20/2021 2:48:52 PM	58.5	41.4	0.1	0.0	152.9	152.9	18.05	18.05	-11.48	-11.48	-19.45
GEW-243	5/20/2021 2:49:49 PM	59.4	40.6	0.0	0.0	152.9	152.9	25.18	22.87	-11.82	-11.82	-19.58
GEW-244	5/10/2021 9:55:30 AM	15.8	58.7	0.0	25.5	174.2	173.2	1.98	3.14	-1.53	-1.53	-18.31
GEW-244	5/10/2021 9:56:42 AM	14.8	60.3	0.0	24.9	174.7	174.7	3.43	2.42	-1.58	-1.59	-18.56
GEW-244	5/21/2021 10:19:17 AM	18.6	42.4	0.0	39.0	99.1	99.4	12.23	9.84	-7.43	-7.43	-18.01
GEW-245	5/10/2021 9:37:14 AM	33.6	50.7	0.0	15.7	75.1	75.4	2.03	2.03	-1.76	-1.76	-18.48
GEW-245	5/24/2021 2:43:27 PM	9.9	60.4	0.1	29.6	121.3	121.5	4.85	5.83	-0.38	-0.37	-18.35
GEW-246	5/7/2021 10:29:59 AM	33.9	61.2	0.0	4.9	163.8	161.1	8.33	8.37	-3.06	-3.06	-18.56
GEW-246	5/7/2021 10:31:03 AM	34.7	59.5	0.0	5.8	163.3	162.0	11.88	11.62	-3.05	-3.06	-18.56
GEW-246	5/20/2021 11:26:43 AM	34.9	59.6	0.0	5.5	188.3	188.3	7.45	6.13	-1.36	-1.37	-18.05
GEW-246	5/20/2021 11:28:00 AM	37.0	59.6	0.0	3.4	188.9	188.9	8.33	7.44	-1.38	-1.39	-17.97
GEW-247	5/10/2021 2:01:54 PM	6.0	49.5	0.2	44.3	88.9	88.9	4.15	3.26	-1.22	-1.21	-18.83
GEW-247	5/28/2021 10:56:37 AM	21.4	42.3	0.0	36.3	74.8	74.9	2.36	3.53	-2.57	-2.56	-20.09
GEW-248	5/10/2021 2:04:27 PM	6.8	22.5	6.1	64.6	113.2	113.2	12.10	9.63	-0.48	-0.47	-18.66
GEW-248	5/10/2021 2:05:51 PM	6.9	21.7	6.1	65.3	113.3	113.2	10.36	10.36	-0.46	-0.46	-18.70
GEW-248	5/21/2021 9:05:08 AM	9.6	27.8	4.1	58.5	139.3	139.6	6.73	4.58	-0.35	-0.34	-19.32
GEW-248	5/21/2021 9:08:05 AM	9.5	28.9	4.0	57.6	133.5	133.2	1.84	1.84	-0.16	-0.17	-19.32
GEW-249	5/10/2021 2:22:27 PM	43.3	50.8	0.0	5.9	111.0	110.5	4.00	7.20	0.04	0.04	-18.70
GEW-249	5/10/2021 2:23:57 PM	42.9	52.8	0.0	4.3	114.5	114.8	6.24	6.24	-0.01	-0.01	-18.37
GEW-249	5/27/2021 11:20:43 AM	43.0	52.8	0.0	4.2	104.9	104.8	2.51	2.75	0.10	0.10	-18.79
GEW-249	5/27/2021 11:22:26 AM	42.6	53.8	0.0	3.6	112.7	113.0	3.83	2.71	-0.07	-0.08	-18.79
GEW-250	5/7/2021 2:10:51 PM	15.6	28.5	7.7	48.2	174.2	174.7	5.26	5.26	-0.01	-0.01	-17.80
GEW-250	5/7/2021 2:12:11 PM	16.2	27.8	7.7	48.3	174.7	174.9	6.04	6.12	-0.02	-0.02	-17.72
GEW-250	5/20/2021 2:29:50 PM	32.5	24.5	8.0	35.0	172.7	173.1	6.98	6.97	-0.03	-0.03	-18.14
GEW-250	5/20/2021 2:31:18 PM	32.7	24.1	8.0	35.2	173.1	173.1	7.11	6.97	-0.05	-0.06	-18.22

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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 ₂ O		
GEW-251	5/7/2021 9:05:36 AM	5.0	38.5	6.0	50.5	192.3	192.3	22.64	22.82	-0.98	-0.99	-20.55
GEW-251	5/7/2021 9:07:42 AM	5.1	36.7	6.0	52.2	191.6	191.6	14.92	15.10	-0.44	-0.44	-20.21
GEW-251	5/20/2021 10:23:32 AM	5.8	65.1	0.0	29.1	202.5	202.4	14.50	14.41	0.86	0.86	-19.28
GEW-251	5/20/2021 10:27:20 AM	6.0	65.0	0.0	29.0	203.1	203.1	24.36	25.65	-0.21	-0.21	-19.24
GEW-252	5/10/2021 2:44:43 PM	38.1	50.1	0.0	11.8	159.8	159.4	17.53	21.71	-4.95	-4.95	-18.32
GEW-252	5/10/2021 2:46:05 PM	38.3	45.6	0.0	16.1	160.2	159.0	15.99	13.07	-4.95	-4.96	-18.58
GEW-252	5/21/2021 9:23:27 AM	37.7	48.2	0.0	14.1	154.8	153.7	25.14	19.97	-5.40	-5.40	-19.20
GEW-252	5/21/2021 9:24:19 AM	37.7	50.7	0.0	11.6	155.5	155.6	11.79	11.83	-5.40	-5.40	-19.07
GEW-253	5/13/2021 9:08:09 AM	0.5	18.4	11.4	69.7	181.5	181.5	4.92	5.11	0.06	0.06	-19.53
GEW-253	5/13/2021 9:10:51 AM	0.5	17.3	11.4	70.8	185.1	185.1	8.18	8.96	-0.02	-0.03	-19.28
GEW-253	5/26/2021 9:12:44 AM	0.8	13.8	10.1	75.3	166.5	166.6	9.49	9.81	-0.10	-0.09	-19.32
GEW-253	5/26/2021 9:14:24 AM	0.6	13.1	10.2	76.1	166.1	166.0	7.05	6.90	-0.06	-0.06	-19.49
GEW-2S	5/5/2021 9:52:58 AM	54.7	36.5	0.0	8.8	71.4	71.4	10.91	11.96	-0.93	-0.93	-13.65
GEW-2S	5/11/2021 11:10:06 AM	53.5	36.0	0.0	10.5	71.1	71.1	4.91	3.77	-0.93	-0.91	-13.44
GEW-2S	5/11/2021 11:15:56 AM	53.4	36.7	0.0	9.9	71.1	70.9	11.17	11.78	-1.04	-1.04	-13.44
GEW-2S	5/20/2021 8:40:36 AM	53.9	38.3	0.0	7.8	75.9	75.9	19.69	20.66	-1.01	-0.97	-13.16
GEW-2S	5/25/2021 11:18:05 AM	56.4	36.3	0.0	7.3	84.7	84.7	7.52	8.19	-0.90	-0.91	-13.06
GEW-2S	5/28/2021 11:43:43 AM	54.6	38.0	0.0	7.4	66.1	66.2	10.94	9.90	-1.40	-1.40	-14.03
GEW-2S	5/28/2021 11:45:38 AM	54.8	37.8	0.0	7.4	63.0	62.9	3.43	3.43	-0.17	-0.18	-13.69
GEW-2S	5/28/2021 3:06:17 PM	54.4	32.5	0.0	13.1	63.0	63.0	3.63	4.20	-0.16	-0.15	-13.61
GEW-2S	5/28/2021 3:08:45 PM	54.8	33.1	0.0	12.1	64.8	64.9	5.69	5.39	-0.87	-0.87	-13.86
GIW-01	5/5/2021 1:43:22 PM	31.6	55.2	0.0	13.2	121.8	121.8	11.64	12.09	-1.48	-1.48	-17.35
GIW-01	5/12/2021 8:48:21 AM	31.4	54.4	0.3	13.9	108.2	108.0	6.44	6.90	-1.85	-1.85	-19.20
GIW-01	5/12/2021 8:53:04 AM	30.8	55.1	0.1	14.0	106.1	106.0	1.92	3.33	-1.84	-1.84	-19.41
GIW-01	5/18/2021 1:19:54 PM	32.4	55.1	0.1	12.4	106.0	106.0	12.41	12.41	-1.65	-1.65	-19.24
GIW-01	5/26/2021 1:32:18 PM	49.3	50.7	0.0	0.0	127.8	127.8	7.48	7.63	-1.61	-1.60	-17.89
GIW-01	5/26/2021 1:33:35 PM	49.4	50.6	0.0	0.0	129.7	129.7	5.92	5.73	-2.27	-2.27	-18.27
GIW-02	5/5/2021 1:46:03 PM	19.8	58.9	0.0	21.3	80.5	80.6	5.74	5.74	-0.38	-0.37	-18.53
GIW-02	5/12/2021 8:56:27 AM	16.0	54.6	1.4	28.0	64.4	64.5	1.20	1.70	-0.42	-0.42	-19.53
GIW-02	5/12/2021 9:01:13 AM	15.6	56.8	1.3	26.3	64.0	64.0	2.69	1.20	-0.44	-0.44	-19.96
GIW-02	5/18/2021 1:23:08 PM	14.4	57.0	1.1	27.5	71.4	71.4	7.78	7.78	-0.15	-0.15	-18.90
GIW-02	5/26/2021 1:36:13 PM	27.1	53.2	1.0	18.7	106.9	107.0	2.49	2.49	-0.20	-0.20	-18.73
GIW-03	5/5/2021 1:47:32 PM	27.3	42.8	0.1	29.8	81.0	81.0	4.75	4.15	-6.77	-6.77	-18.70
GIW-03	5/12/2021 9:04:20 AM	25.3	45.0	0.3	29.4	62.8	63.0	2.06	2.06	-6.37	-6.37	-19.96
GIW-03	5/12/2021 9:08:40 AM	27.0	45.1	0.1	27.8	63.3	63.3	2.37	2.37	-6.42	-6.42	-19.79
GIW-03	5/18/2021 1:26:10 PM	23.7	49.6	0.3	26.4	71.9	71.9	10.77	10.12	-5.99	-5.99	-18.99
GIW-03	5/26/2021 1:38:46 PM	40.2	42.2	0.1	17.5	101.6	101.8	5.95	4.13	-6.42	-6.42	-18.56
GIW-04	5/5/2021 1:49:56 PM	29.4	43.6	0.8	26.2	81.6	81.7	4.63	4.63	-4.18	-4.18	-18.28
GIW-04	5/12/2021 9:11:38 AM	25.9	39.3	3.1	31.7	62.6	62.7	1.19	1.19	-4.36	-4.37	-19.96
GIW-04	5/12/2021 9:16:52 AM	31.3	49.2	0.2	19.3	64.0	64.0	3.15	2.66	-4.44	-4.44	-19.62
GIW-04	5/18/2021 1:29:42 PM	27.3	43.1	1.7	27.9	75.2	75.2	6.39	6.90	-4.03	-4.03	-19.24

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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 ₂ O		
GIW-04	5/26/2021 1:42:14 PM	41.5	41.5	1.4	15.6	93.1	93.9	2.52	2.52	-4.45	-4.45	-18.65
GIW-05	5/5/2021 1:52:15 PM	33.7	37.0	1.2	28.1	85.5	85.6	4.59	4.59	-5.45	-5.45	-18.74
GIW-05	5/12/2021 9:20:51 AM	33.3	36.8	1.9	28.0	64.4	64.5	1.18	1.67	-6.42	-6.42	-19.92
GIW-05	5/12/2021 9:26:06 AM	37.0	40.3	0.3	22.4	64.4	64.5	1.18	1.18	-6.42	-6.42	-19.75
GIW-05	5/18/2021 1:33:50 PM	32.9	37.9	1.7	27.5	73.4	73.5	11.72	12.00	-5.57	-5.57	-19.15
GIW-05	5/26/2021 1:44:59 PM	45.8	34.8	1.5	17.9	102.3	103.5	1.11	1.91	-5.49	-5.49	-18.65
GIW-06	5/5/2021 1:54:50 PM	37.6	37.2	0.3	24.9	82.3	82.4	4.61	4.47	-17.63	-17.63	-18.87
GIW-06	5/12/2021 9:29:03 AM	35.0	38.5	0.8	25.7	64.2	64.4	1.15	3.04	-17.56	-17.56	-19.28
GIW-06	5/12/2021 9:34:41 AM	37.3	41.1	0.0	21.6	65.1	65.1	1.15	2.30	-17.90	-17.90	-19.62
GIW-06	5/18/2021 1:36:35 PM	35.8	38.3	0.5	25.4	72.8	72.9	12.05	12.16	-15.37	-15.37	-19.24
GIW-06	5/26/2021 1:47:40 PM	49.2	34.9	0.7	15.2	100.4	101.3	1.88	1.53	-15.37	-15.37	-18.27
GIW-07	5/5/2021 1:56:54 PM	47.4	44.3	0.7	7.6	80.5	80.7	5.48	5.72	-1.83	-1.83	-18.49
GIW-07	5/12/2021 9:37:37 AM	46.7	45.6	1.0	6.7	65.1	65.2	3.16	2.39	-1.85	-1.85	-19.87
GIW-07	5/12/2021 9:42:27 AM	49.0	48.5	0.3	2.2	66.1	66.1	3.37	2.92	-1.89	-1.89	-19.96
GIW-07	5/18/2021 1:39:16 PM	47.8	47.2	0.2	4.8	74.1	74.1	8.56	8.64	-1.83	-1.83	-18.90
GIW-07	5/26/2021 1:49:50 PM	57.9	41.7	0.4	0.0	99.6	99.9	1.94	1.12	-1.70	-1.70	-18.60
GIW-07	5/26/2021 1:51:36 PM	58.1	41.9	0.0	0.0	101.6	101.6	1.57	1.57	-3.93	-3.93	-18.65
GIW-08	5/5/2021 1:58:27 PM	49.3	41.9	0.0	8.8	82.5	82.6	4.64	4.64	-2.50	-2.50	-18.53
GIW-08	5/12/2021 9:45:24 AM	48.9	45.6	0.0	5.5	66.2	66.3	2.06	3.15	-2.63	-2.63	-19.79
GIW-08	5/12/2021 9:50:26 AM	49.6	42.7	0.0	7.7	65.9	65.9	1.19	2.66	-2.68	-2.68	-19.92
GIW-08	5/18/2021 1:41:51 PM	49.5	45.5	0.0	5.0	75.2	75.2	1.66	1.66	-2.58	-2.58	-19.32
GIW-08	5/26/2021 1:54:07 PM	60.4	39.6	0.0	0.0	109.5	109.7	2.46	1.56	-2.42	-2.42	-18.65
GIW-08	5/26/2021 1:55:28 PM	60.2	39.8	0.0	0.0	110.7	110.5	2.45	2.45	-3.61	-3.60	-18.56
GIW-09	5/5/2021 2:00:25 PM	39.7	40.0	0.0	20.3	79.6	79.8	4.69	4.84	-0.63	-0.63	-18.53
GIW-09	5/12/2021 9:54:01 AM	32.4	32.3	0.9	34.4	67.1	67.2	4.31	3.38	-0.76	-0.76	-19.92
GIW-09	5/12/2021 9:59:20 AM	39.7	41.6	0.0	18.7	67.2	67.2	3.16	3.38	-0.73	-0.72	-19.28
GIW-09	5/18/2021 1:44:50 PM	40.6	41.1	0.0	18.3	74.5	74.5	5.89	5.89	-0.60	-0.60	-19.24
GIW-09	5/26/2021 1:58:08 PM	49.0	40.3	0.0	10.7	100.1	100.1	2.51	2.75	-0.64	-0.63	-18.18
GIW-10	5/5/2021 2:02:22 PM	31.8	34.7	0.0	33.5	82.4	82.5	2.84	2.59	-3.27	-3.27	-18.28
GIW-10	5/12/2021 10:02:30 AM	31.8	36.4	0.0	31.8	69.7	69.8	4.09	2.89	-3.53	-3.53	-19.53
GIW-10	5/12/2021 10:07:29 AM	32.2	34.5	0.0	33.3	69.3	69.5	1.18	1.18	-3.54	-3.54	-19.41
GIW-10	5/18/2021 1:47:08 PM	31.5	35.5	0.0	33.0	75.0	75.0	1.17	1.17	-3.23	-3.22	-19.37
GIW-10	5/26/2021 2:00:37 PM	42.6	34.1	0.0	23.3	101.8	102.1	1.57	1.57	-3.32	-3.32	-18.27
GIW-11	5/5/2021 2:04:24 PM	25.7	31.9	0.3	42.1	81.1	81.2	3.30	3.50	-2.01	-2.00	-13.10
GIW-11	5/12/2021 10:12:11 AM	24.4	32.4	0.7	42.5	67.0	67.0	5.32	5.05	-2.24	-2.24	-14.16
GIW-11	5/12/2021 10:17:46 AM	24.5	30.8	0.7	44.0	68.1	68.1	3.56	3.36	-2.25	-2.25	-16.11
GIW-11	5/18/2021 1:49:55 PM	25.8	32.9	0.2	41.1	76.1	76.3	5.10	4.38	-2.04	-2.04	-13.83
GIW-11	5/26/2021 2:03:36 PM	35.7	31.3	0.0	33.0	103.2	103.6	4.02	2.95	-2.03	-2.03	-12.22
GIW-12	5/5/2021 2:06:20 PM	30.1	34.4	0.3	35.2	80.3	80.3	4.54	4.39	-0.32	-0.33	-13.86
GIW-12	5/12/2021 10:21:34 AM	25.8	33.9	0.7	39.6	67.5	67.9	1.19	1.19	-0.39	-0.39	-19.28
GIW-12	5/12/2021 10:26:40 AM	26.0	33.5	0.7	39.8	67.3	67.3	2.67	2.67	-0.40	-0.40	-19.28

May 2021 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 ₂ O		
GIW-12	5/18/2021 1:52:43 PM	28.7	34.4	0.0	36.9	75.0	75.0	3.91	2.89	-0.31	-0.31	-19.58
GIW-12	5/26/2021 2:06:21 PM	40.7	33.8	0.0	25.5	99.4	99.4	2.52	2.52	-0.35	-0.35	-18.31
GIW-13	5/5/2021 2:08:17 PM	45.6	41.5	0.0	12.9	78.5	78.6	5.74	4.69	-1.52	-1.53	-12.47
GIW-13	5/12/2021 10:58:05 AM	44.7	43.7	0.0	11.6	69.6	69.7	2.05	2.65	-1.85	-1.85	-13.49
GIW-13	5/12/2021 11:02:56 AM	45.0	42.7	0.0	12.3	68.6	68.6	2.06	2.91	-1.85	-1.84	-12.52
GIW-13	5/18/2021 1:55:25 PM	44.5	43.6	0.0	11.9	76.5	76.6	8.28	8.19	-1.63	-1.63	-14.67
GIW-13	5/26/2021 2:08:40 PM	55.7	42.9	0.0	1.4	102.1	102.3	6.52	6.52	-1.49	-1.49	-13.53
GIW-13	5/26/2021 2:10:03 PM	55.8	42.4	0.0	1.8	103.5	103.6	3.69	3.69	-2.31	-2.31	-12.73
LCS-1D	5/7/2021 8:12:44 AM	47.5	36.9	3.2	12.4	63.5	63.5	1.66	1.17	-10.17	-10.17	-15.48
LCS-1D	5/27/2021 8:50:02 AM	44.0	33.4	4.7	17.9	81.5	81.4	3.42	3.60	-8.74	-8.74	-15.39
LCS-2D	5/14/2021 8:38:36 AM	54.7	39.9	0.6	4.8	66.6	66.5	11.09	10.28	-18.27	-18.27	-19.33
LCS-2D	5/26/2021 11:31:39 AM	61.5	37.9	0.6	0.0	91.5	91.5	5.87	3.27	-18.91	-18.91	-19.03
LCS-3D	5/14/2021 10:38:49 AM	32.9	58.5	0.0	8.6	152.9	152.9	11.09	11.04	-6.89	-6.89	-16.18
LCS-3D	5/14/2021 10:39:55 AM	32.9	60.5	0.0	6.6	152.9	152.9	12.46	12.46	-6.77	-6.77	-16.64
LCS-3D	5/21/2021 2:12:12 PM	34.9	59.6	0.0	5.5	162.6	162.4	17.15	16.98	-4.40	-4.40	-16.03
LCS-3D	5/21/2021 2:13:10 PM	35.3	60.1	0.0	4.6	162.9	162.9	17.05	16.21	-4.40	-4.40	-16.79
LCS-4B	5/6/2021 9:16:28 AM	18.1	54.0	4.7	23.2	69.3	69.3	6.94	4.61	-0.48	-0.48	-17.84
LCS-4B	5/24/2021 9:47:12 AM	16.6	52.4	5.9	25.1	87.7	87.7	5.97	5.97	-0.68	-0.68	-17.21
LCS-4B	5/24/2021 9:51:04 AM	16.9	52.8	5.5	24.8	87.4	87.5	2.00	1.99	-0.08	-0.08	-17.00
LCS-5A	5/5/2021 10:51:37 AM	57.4	40.6	0.0	2.0	87.0	87.0	9.71	9.71	-8.79	-8.79	-12.64
LCS-5A	5/13/2021 8:44:46 AM	57.8	39.7	0.0	2.5	87.1	87.1	25.61	27.25	-9.81	-9.81	-12.59
LCS-5A	5/17/2021 11:35:14 AM	59.9	40.1	0.0	0.0	85.9	86.2	19.61	19.61	-9.34	-9.34	-12.64
LCS-5A	5/17/2021 11:37:26 AM	60.0	40.0	0.0	0.0	86.2	85.9	12.03	15.46	-9.60	-9.60	-13.06
LCS-5A	5/26/2021 10:51:26 AM	54.8	39.7	0.5	5.0	93.2	93.4	8.82	7.99	-12.01	-12.01	-12.93
LCS-5B	5/5/2021 11:02:37 AM	53.5	41.8	0.0	4.7	123.7	123.7	10.36	10.36	-10.57	-10.57	-12.89
LCS-5B	5/13/2021 8:47:36 AM	54.1	39.0	0.0	6.9	127.8	127.6	11.68	11.68	-11.16	-11.16	-13.31
LCS-5B	5/17/2021 11:54:59 AM	56.3	41.2	0.0	2.5	119.9	119.4	16.76	16.76	-10.95	-10.95	-13.06
LCS-5B	5/26/2021 11:02:42 AM	54.1	41.9	0.0	4.0	131.2	130.6	6.15	6.15	-10.53	-10.53	-12.85
LCS-5B	5/26/2021 11:05:53 AM	54.2	41.3	0.0	4.5	131.2	131.2	8.40	8.25	-10.19	-10.19	-13.06
LCS-6B	5/5/2021 10:04:56 AM	53.6	42.5	0.0	3.9	81.2	81.2	6.21	3.93	-0.58	-0.58	-12.85
LCS-6B	5/13/2021 8:34:44 AM	54.4	45.6	0.0	0.0	80.0	80.0	16.48	15.51	-0.37	-0.37	-13.48
LCS-6B	5/20/2021 8:51:16 AM	53.0	44.5	0.1	2.4	85.2	85.4	9.16	6.18	-0.45	-0.46	-13.28
LCS-6B	5/26/2021 9:10:08 AM	53.2	43.9	0.0	2.9	87.0	86.9	14.33	14.85	-0.30	-0.29	-13.02
SEW-002	5/10/2021 11:16:01 AM	37.4	55.9	0.9	5.8	73.0	73.0	3.24	3.03	-12.58	-12.58	-17.97
SEW-002	5/26/2021 10:46:57 AM	42.2	55.0	1.1	1.7	89.3	89.6	3.56	2.52	-7.60	-7.64	-17.93
SEW-003	5/7/2021 9:30:31 AM	1.5	32.0	4.1	62.4	74.5	74.5	4.25	4.25	-0.02	-0.02	-19.28
SEW-003	5/24/2021 9:22:58 AM	1.5	31.9	1.9	64.7	88.6	88.7	3.04	4.60	-0.03	-0.03	-18.94
T-56	5/5/2021 10:21:13 AM	43.2	34.1	0.4	22.3	64.1	64.2	8.19	8.59	-0.06	-0.07	-13.40
T-56	5/5/2021 10:23:00 AM	43.1	33.9	0.4	22.6	64.2	64.2	11.13	11.24	-0.03	-0.04	-13.61
T-56	5/13/2021 8:39:20 AM	42.3	34.1	0.2	23.4	62.8	63.0	20.35	20.34	-0.02	-0.03	-13.98
T-56	5/20/2021 8:16:49 AM	50.9	35.4	0.5	13.2	67.0	67.2	10.53	11.94	-0.04	-0.04	-13.89

May 2021 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 ₂ O		
T-56	5/26/2021 10:20:28 AM	51.4	35.2	0.1	13.3	70.0	70.0	19.24	19.04	-0.05	-0.04	-13.82

ATTACHMENT D-2

MAXIMUM WELLHEAD TEMPERATURE TABLE

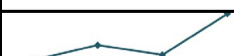
Wellfield Temperature - Bridgeton Landfill

Well Name					Temp Trend	Comments
	February 2021	March 2021	April 2021	May 2021	><30°F	
GEW-002	109.8	110.0	111.3	111.7		
GEW-003	90.8	105.6	115.3	116.9		
GEW-004	106.9	108.0	110.2	111.7		
GEW-005	72.1	75.6	81.9	87.2		
GEW-006	80.5	81.4	83.3	83.7		
GEW-007	84.7	87.8	89.4	92.4		
GEW-008	108.7	110.5	111.0	111.9		
GEW-009	119.0	122.1	122.5	123.4		
GEW-010	75.7	86.8	88.6	108.0		
GEW-013A	192.3	194.3	194.7	196.9		
GEW-015	101.1	99.6	111.2	118.8		
GEW-016R	136.2	137.1	147.4	151.0		
GEW-018B	197.2	193.6	199.3	195.7		
GEW-019A	61.6	80.5	68.8	91.5		
GEW-039	97.0	101.8	100.1	104.0		
GEW-040	53.4	74.7	81.9	87.8		
GEW-041R	66.8	80.0	91.7	95.8		
GEW-042R	93.4	96.0	98.4	99.1		
GEW-043R	113.0	113.2	113.8	114.3		
GEW-044	71.2	76.4	83.9	81.1		
GEW-045R	87.0	90.3	92.9	95.5		
GEW-046R	95.0	93.6	96.2	98.4		
GEW-047R	87.0	90.3	96.7	86.1		
GEW-048	92.2	92.5	95.8	96.5		
GEW-049	67.2	78.3	85.8	87.0		
GEW-050	88.3	93.9	97.7	90.8		
GEW-051	93.3	112.5	117.9	119.2		
GEW-052	95.5	100.7	100.8	104.1		
GEW-053	140.5	133.5	139.9	140.2		
GEW-054	145.0	144.2	144.2	144.2		
GEW-055	126.1	129.7	132.3	133.2		
GEW-056R	72.3	87.9	94.8	118.4		
GEW-057B	65.1	84.2	66.0	84.0		
GEW-058A	--	--	--	--		Temporarily decommissioned
GEW-059R	86.1	118.6	126.1	137.4		
GEW-067A	178.9	187.6	194.2	204.7		
GEW-068A	167.1	166.1	162.9	167.6		
GEW-078R	153.9	156.9	153.3	154.6		
GEW-082R	170.6	171.0	168.4	173.6		

Wellfield Temperature - Bridgeton Landfill

Well Name					Temp Trend	Comments
	February 2021	March 2021	April 2021	May 2021	><30°F	
GEW-086	143.2	153.7	141.5	130.2		
GEW-087	191.9	197.2	203.9	200.8		
GEW-088	168.1	170.0	168.1	168.1		
GEW-090	156.5	158.3	155.6	158.1		
GEW-091	197.9	202.3	201.6	201.6		
GEW-100	69.1	64.8	96.5	105.7		
GEW-101	74.3	75.9	81.9	98.2		
GEW-102	59.2	70.0	75.3	91.2		
GEW-104	193.5	180.9	184.3	184.5		
GEW-105	66.5	87.0	89.1	106.1		
GEW-106	57.2	57.3	71.8	107.0		
GEW-107	89.8	118.1	109.5	128.0		
GEW-108	108.2	122.8	124.6	136.8		
GEW-109	64.9	79.3	75.2	105.5		
GEW-110	100.2	116.3	130.0	133.5		
GEW-113	176.1	174.2	175.8	175.9		
GEW-116	95.3	99.1	86.2	109.9		
GEW-117	107.0	125.2	123.9	121.3		
GEW-118	199.4	197.9	203.1	203.9		
GEW-120	109.5	116.8	107.2	107.2		
GEW-121	119.9	124.2	112.0	127.2		
GEW-122	60.7	73.0	69.2	99.9		
GEW-123	62.8	66.8	65.4	98.7		
GEW-124	62.4	61.6	76.8	96.2		
GEW-125	59.6	66.8	74.3	80.7		
GEW-126	58.2	66.8	67.3	88.9		
GEW-127	62.3	68.0	75.7	88.6		
GEW-128	--	--	--	--		Temporarily decommissioned
GEW-129	111.0	101.3	89.6	109.2		
GEW-130	136.7	142.5	144.7	144.9		
GEW-131	100.1	98.2	124.2	135.3		
GEW-132	87.4	110.0	101.1	121.5		
GEW-133	69.3	97.7	81.0	114.0		
GEW-134	59.2	79.6	96.2	95.0		
GEW-135	66.6	88.4	104.3	100.1		
GEW-137	61.9	73.2	67.3	93.4		
GEW-138	--	--	--	--		Temporarily decommissioned
GEW-139	63.3	64.9	90.8	91.9		

Wellfield Temperature - Bridgeton Landfill

Well Name					Temp Trend	Comments
	February 2021	March 2021	April 2021	May 2021	><30°F	
GEW-140	61.0	60.7	88.9	100.8		
GEW-144	62.6	70.2	77.3	105.0		
GEW-145	60.7	71.1	62.3	79.4		
GEW-147	151.7	148.8	152.9	151.0		
GEW-148	125.4	127.7	136.8	135.6		
GEW-149	52.7	73.3	76.4	81.0		
GEW-150	136.5	145.9	150.3	161.1		
GEW-151	--	--	--	--		Temporarily decommissioned
GEW-152	52.6	82.1	78.0	106.1		
GEW-153	69.3	95.0	92.7	111.5		
GEW-154	--	--	--	--		Temporarily decommissioned
GEW-155	--	--	--	--		Temporarily decommissioned
GEW-156	86.1	106.2	114.5	132.6		
GEW-157	51.0	80.6	59.9	82.3		
GEW-158	66.1	74.7	80.5	94.1		
GEW-159	--	--	--	--		Temporarily decommissioned
GEW-160	61.9	76.9	76.1	96.7		
GEW-161	70.2	87.0	90.6	107.9		
GEW-162	62.3	81.2	76.4	102.0		
GEW-163	74.8	77.6	76.4	104.0		
GEW-164	116.0	118.4	116.0	121.1		
GEW-165	108.2	121.8	128.3	138.3		
GEW-166	156.9	165.7	162.5	168.5		
GEW-167	109.1	114.1	117.3	123.9		
GEW-168	74.3	82.3	82.1	86.3		
GEW-169	69.3	77.1	81.2	93.4		
GEW-170	70.2	95.0	97.0	96.8		
GEW-171	60.5	58.0	78.0	95.5		
GEW-172	94.6	134.8	130.3	135.1		
GEW-173	--	--	--	--		Temporarily decommissioned
GEW-174	128.3	128.9	121.8	122.3		
GEW-175	53.9	77.7	78.2	--		Temporarily decommissioned
GEW-176	--	--	--	--		Temporarily decommissioned
GEW-177	153.1	145.6	137.1	157.3		
GEW-178	57.1	68.9	61.4	93.1		

Wellfield Temperature - Bridgeton Landfill

Well Name					Temp Trend	Comments
	February 2021	March 2021	April 2021	May 2021	><30°F	
GEW-179	78.7	84.2	82.6	92.9		
GEW-180	68.1	74.8	77.3	98.2		
GEW-181	61.0	69.8	75.7	95.5		
GEW-182	--	--	--	--		Temporarily decommissioned
GEW-184	--	--	--	--		Temporarily decommissioned
GEW-185	121.5	131.5	129.2	133.2		
GEW-186	79.4	87.5	85.4	88.9		
GEW-187	94.6	100.9	100.4	109.5		
GEW-188	--	--	--	--		Temporarily decommissioned
GEW-217	62.3	59.0	85.6	113.0		
GEW-218	68.9	76.1	69.6	81.2		
GEW-219	--	--	--	--		Temporarily decommissioned
GEW-220	70.2	97.2	107.7	87.0		
GEW-221	62.8	80.4	95.0	117.9		
GEW-222	65.4	72.5	77.6	87.5		
GEW-223	121.3	149.1	152.5	149.2		
GEW-224	133.8	125.0	130.9	138.3		
GEW-225	136.8	141.2	138.3	142.2		
GEW-226	153.7	147.1	163.4	161.1		
GEW-227	170.5	150.7	164.3	179.8		
GEW-228	158.7	160.8	--	--		Temporarily decommissioned
GEW-229	90.2	88.2	--	--		Temporarily decommissioned
GEW-230	--	--	--	--		Temporarily decommissioned
GEW-231	--	--	--	--		Temporarily decommissioned
GEW-232	107.9	129.7	138.7	126.7		
GEW-233	59.4	59.4	93.5	79.0		
GEW-234	201.6	149.9	178.0	157.3		
GEW-235	129.7	157.7	179.2	181.0		
GEW-236	195.9	191.2	203.2	203.1		
GEW-237	124.8	127.2	122.4	121.8		
GEW-238	189.6	188.9	187.7	187.0		
GEW-239	198.1	199.4	197.9	198.6		
GEW-240	179.7	185.8	179.2	183.3		
GEW-241	123.1	125.3	127.1	130.3		
GEW-242	195.0	182.7	178.0	168.1		

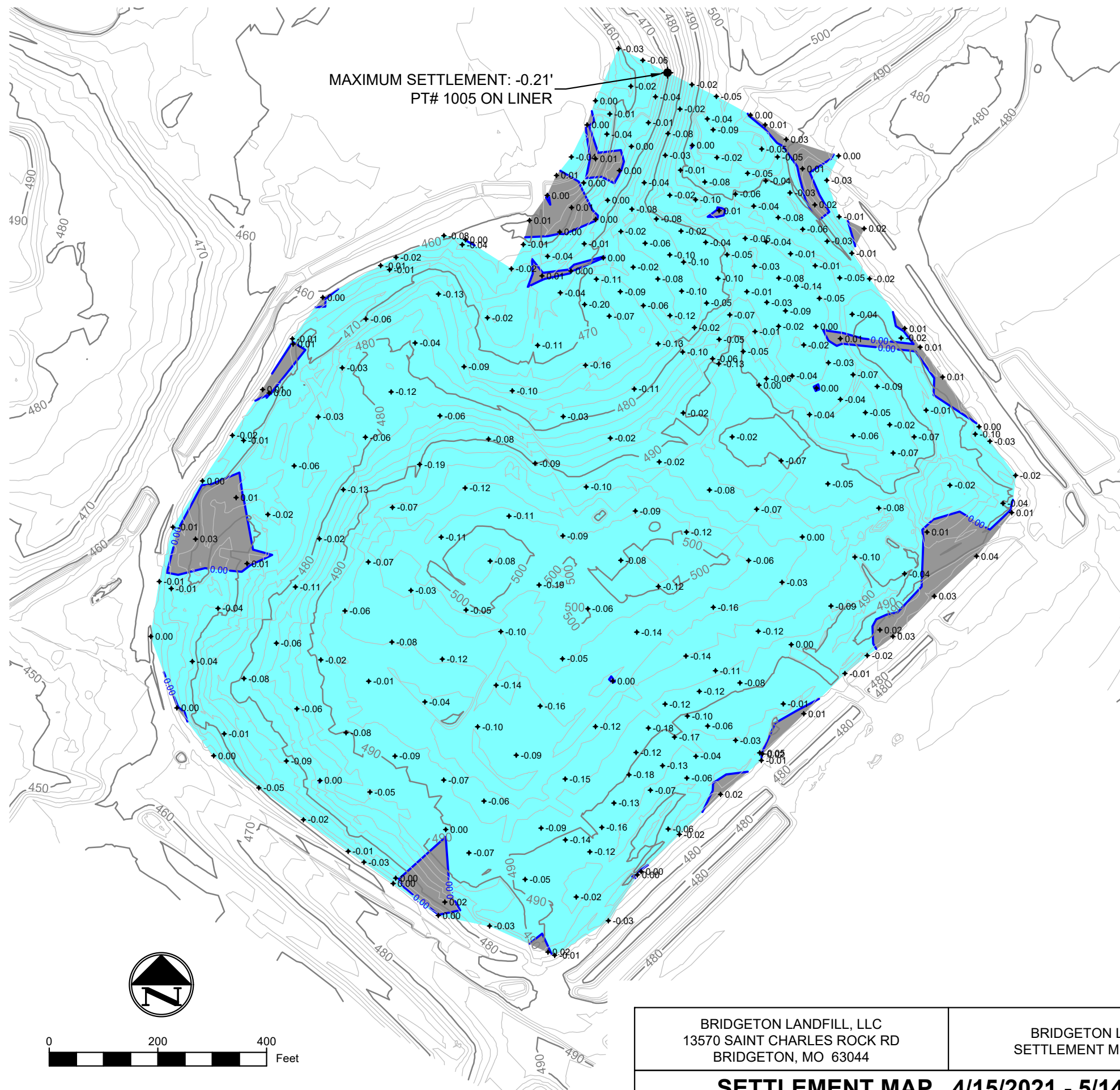
Wellfield Temperature - Bridgeton Landfill

Well Name					Temp Trend	Comments
	February 2021	March 2021	April 2021	May 2021	><30°F	
GEW-243	152.7	155.6	152.7	152.9		
GEW-244	74.1	74.7	144.2	174.7		
GEW-245	80.5	88.6	105.4	121.5		
GEW-246	196.4	176.6	187.6	188.9		
GEW-247	92.4	99.1	94.2	88.9		
GEW-248	94.8	190.9	98.7	139.6		
GEW-249	104.5	108.2	97.2	114.8		
GEW-250	155.6	173.7	166.5	174.9		
GEW-251	200.8	133.5	200.8	203.1		
GEW-252	169.5	92.9	151.8	160.2		
GEW-253	179.7	171.0	162.4	185.1		
GEW-2S	69.3	70.7	80.7	84.7		
GIW-01	107.7	113.5	117.1	129.7		
GIW-02	61.4	72.7	87.8	107.0		
GIW-03	58.7	71.4	85.0	101.8		
GIW-04	63.5	73.4	85.1	93.9		
GIW-05	60.8	74.5	88.4	103.5		
GIW-06	60.2	75.7	84.7	101.3		
GIW-07	64.7	75.4	85.8	101.6		
GIW-08	61.4	75.7	86.5	110.7		
GIW-09	63.1	74.4	84.3	100.1		
GIW-10	64.1	76.1	85.6	102.1		
GIW-11	62.6	78.5	87.2	103.6		
GIW-12	58.0	76.2	85.4	99.4		
GIW-13	61.1	75.5	85.8	103.6		
LCS-1D	50.8	76.4	59.8	81.5		
LCS-2D	60.7	69.7	67.2	91.5		
LCS-3D	154.9	160.7	160.7	162.9		
LCS-4B	60.4	68.9	70.9	87.7		
LCS-5A	87.7	88.4	88.5	93.4		
LCS-5B	102.4	130.3	124.2	131.2		
LCS-6B	83.0	86.3	93.1	87.0		
SEW-002	59.1	71.8	67.0	89.6		
SEW-003	56.7	68.0	73.2	88.7		
T-56	45.6	54.2	64.1	70.0		

-- = Indicates no data available.

ATTACHMENT E

SETTLEMENT FRONT MAP



MAXIMUM SETTLEMENT: -0.21'
PT# 1005 ON LINER

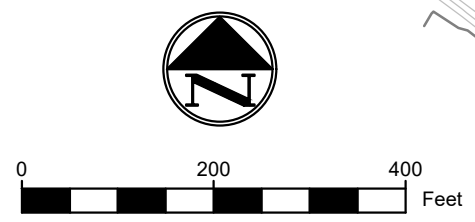
Thickness Map				
Range	Minimum Depth	Maximum Depth	2D Area (Sq. Ft.)	Color
1	-5.00	-4.00	0.00	Dark Blue
2	-4.00	-3.00	0.00	Medium Blue
3	-3.00	-2.00	0.00	Light Blue
4	-2.00	-1.00	0.00	Very Light Blue
5	-1.00	0.00	1,453,253.99	Cyan
6	0.00	1.00	79,835.92	Grey

LEGEND

- 12-09-2020 TOPOGRAPHY (2' CONTOUR)
 - 12-09-2020 TOPOGRAPHY (10' CONTOUR)
 - .25 MINOR ELEVATION CHANGE CONTOUR (0.25 FEET)
 - .50 MAJOR ELEVATION CHANGE CONTOUR (0.50 FEET)
 - 0.3 SPOT ELEVATION DIFFERENCE (4-15-2021 to 5-14-2021)
 - 5-2021 *SETTLEMENT FRONT CONTOUR FOR AREA WITH 1.31' PER 29 DAYS FOR CURRENT PERIOD OF DAYS
- *NONE FOR MAY 2021

NOTES:

1. EXISTING CONTOURS DEVELOPED FROM SITE AERIAL TOPOGRAPHIC SURVEY BY COOPER AERIAL SURVEYS CO. ON DECEMBER 9, 2020.
2. FOR CLARITY, NOT ALL SITE FEATURES MAY BE SHOWN.
3. ELEVATION DIFFERENCE DETERMINED BY SUBTRACTING SPOT ELEVATIONS SURVEYED ON 4-15-21 FROM SPOT ELEVATIONS SURVEYED ON 5-14-21.
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 4/15/2021 - 5/14/2021		MAY 2021 DESIGNED BY: IN APPROVED BY: DRF
PROJECT NUMBER: BT-145 FILE PATH: C:\Users\User\Desktop\Feezor Engineering\Bridgeton\100-149BT-145 (Agreed Order Reporting)\Monthly Reports\202105-2021 Report\Internal Draft\Site Data\Settlement\Settlement And Fil		REVISION DATE
		DRAWING NO.: 001

ATTACHMENT F

LIQUID CHARACTERIZATION DATA AND DISCHARGE LOG

Bridgeton Landfill - Leachate PreTreatment Plant May 2021

Liquid Characterization Data

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

Hauled Disposal to MSD – Bissell Point

Date	Waste	Source	Transporter	Quantity
5/1/2021				161,400
5/2/2021				239,400
5/3/2021				194,200
5/4/2021				222,400
5/5/2021				264,200
5/6/2021				253,400
5/7/2021				70,000
5/8/2021				90,000
5/9/2021				74,000
5/10/2021				0
5/11/2021				36,400
5/12/2021				76,500
5/13/2021				61,400
5/14/2021				0
5/15/2021				0
5/16/2021	LPTP Activated Sludge/ Permeate	Tank 1 (T1) -Tank 4 (T4)	Hunt	0
5/17/2021				52,000
5/18/2021				52,000
5/19/2021				51,000
5/20/2021				51,000
5/21/2021				51,000
5/22/2021				49,600
5/23/2021				51,600
5/24/2021				88,000
5/25/2021				125,000
5/26/2021				119,800
5/27/2021				69,600
5/28/2021				136,800
5/29/2021				74,600
5/30/2021				74,600
5/31/2021				0
Total				2,789,900

Direct Discharge to MSD

Date	Waste	Source	Quantity (gal)
5/1/2021			85,390
5/2/2021			109,807
5/3/2021			109,468
5/4/2021			121,730
5/5/2021			120,424
5/6/2021			120,945
5/7/2021			116,883
5/8/2021			94,578
5/9/2021			106,494
5/10/2021			104,769
5/11/2021			119,860
5/12/2021			102,540
5/13/2021			127,382
5/14/2021			114,062
5/15/2021		Through Tank AST 97k	117,714
5/16/2021	LPTP Permeate	(MSD Sampling Point 013)	122,348
5/17/2021			97,120
5/18/2021			56,449
5/19/2021			78,861
5/20/2021			79,587
5/21/2021			69,602
5/22/2021			48,010
5/23/2021			43,556
5/24/2021			75,264
5/25/2021			71,463
5/26/2021			57,395
5/27/2021			76,207
5/28/2021			55,358
5/29/2021			55,175
5/30/2021			57,957
5/31/2021			74,476
Total			2,790,874

ATTACHMENT G

VOLUMES OF LEACHATE PROCESSED

Bridgeton Landfill - Leachate Volumes

May 2021

Total volume of leachate from the individual leachate collection sumps during the month. Additional non-LCS leachate was collected and the total volume was 3,092,231 gallons. Therefore, the total leachate collected was 3,667,344 gallons.

ID	Volume
LCS -1D	7
LCS-2D	0
LCS-3D	131,173
LCS-4B	0
LCS-5A	427,520
LCS-5B	10,432
LCS-6B	5,981