


Wellfield Temperature - Bridgeton Landfill

Well Name					Temp Trend	Comments
	September 2019	October 2019	November 2019	December 2019	><30°F	
GEW-002	115.3	114.3	112.5	112.2		
GEW-003	120.0	117.3	111.7	113.7		
GEW-004	117.0	113.5	111.5	111.0		
GEW-005	94.8	89.3	84.0	84.4		
GEW-006	89.6	86.9	85.8	85.1		
GEW-007	102.5	95.8	91.4	90.8		
GEW-008	116.6	114.6	112.0	112.2		
GEW-009	124.7	123.4	121.8	121.6		
GEW-010	103.0	103.5	91.5	92.9		
GEW-013A	194.3	194.3	193.0	193.6		
GEW-015	128.4	135.3	102.8	95.4		
GEW-016R	174.3	172.6	171.0	169.5		
GEW-018B	203.2	190.2	195.6	202.4		
GEW-019A	87.0	89.4	63.3	42.7		
GEW-039	109.2	109.7	105.3	106.5		
GEW-040	108.7	85.9	58.7	54.7		
GEW-041R	107.5	100.2	89.6	76.6		
GEW-042R	110.8	107.8	103.9	103.0		
GEW-043R	119.4	118.4	116.6	115.8		
GEW-044	106.1	101.6	89.7	69.1		
GEW-045R	106.4	99.4	92.2	91.0		
GEW-046R	100.8	96.7	89.6	88.9		
GEW-047R	113.2	111.2	100.8	103.8		
GEW-048	101.3	99.1	97.9	97.0		
GEW-049	110.8	106.5	97.9	83.2		
GEW-050	107.7	105.0	100.8	100.6		
GEW-051	124.9	121.8	115.6	120.3		
GEW-052	114.5	111.7	106.7	105.7		
GEW-053	144.9	143.2	142.2	142.3		
GEW-054	147.0	147.0	146.6	146.3		
GEW-055	136.5	133.2	130.0	128.9		
GEW-056R	111.0	113.2	91.2	95.5		
GEW-057B	124.7	180.3	179.7	170.5		
GEW-058A	129.7	128.9	108.0	90.3		
GEW-059R	143.9	143.2	121.5	121.9		
GEW-067A	198.7	203.1	196.4	195.0		
GEW-068A	196.4	197.2	197.2	196.6		
GEW-078R	158.5	156.5	154.0	147.5		
GEW-082R	188.3	177.2	176.9	172.6		
GEW-086	187.0	182.7	184.5	190.2		
GEW-087	191.7	190.2	192.4	187.6		

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	September 2019	October 2019	November 2019	December 2019	><30°F	
GEW-088	182.7	181.5	187.6	180.9		
GEW-090	196.4	203.1	203.1	194.3		
GEW-091	101.8	118.1	194.3	193.6		
GEW-100	90.5	74.1	70.5	76.6		
GEW-101	97.2	65.9	79.9	67.7		
GEW-102	81.2	86.1	60.4	48.2		
GEW-104	180.3	179.7	151.3	137.6		
GEW-105	111.3	139.2	140.2	132.3		
GEW-106	167.0	170.6	171.6	169.5		
GEW-107	155.2	150.8	135.5	146.2		
GEW-108	183.4	176.9	174.2	185.1		
GEW-109	111.5	113.1	91.8	104.3		
GEW-110	114.5	116.0	94.1	94.6		
GEW-113	148.4	168.5	168.1	170.4		
GEW-116	173.6	169.5	169.3	165.2		
GEW-117	172.1	173.6	171.0	167.6		
GEW-118	196.4	194.3	202.3	193.6		
GEW-120	105.2	118.4	93.6	122.5		
GEW-121	167.6	156.5	152.1	150.6		
GEW-122	122.9	106.9	109.6	97.9		
GEW-123	135.3	90.1	90.6	69.1		
GEW-124	109.2	77.9	77.3	63.4		
GEW-125	99.9	78.8	78.6	57.3		
GEW-126	105.0	54.4	61.0	61.6		
GEW-127	145.9	129.2	108.3	81.6		
GEW-128	129.4	99.1	--	--		Temporarily decommissioned
GEW-129	144.6	139.3	134.4	140.9		
GEW-130	164.3	165.7	160.5	158.1		
GEW-131	144.5	122.5	126.0	129.4		
GEW-132	142.5	134.1	130.6	127.3		
GEW-133	156.9	162.9	141.5	128.9		
GEW-134	130.3	114.0	82.1	73.2		
GEW-135	138.0	133.2	111.0	109.0		
GEW-137	109.5	92.7	72.5	65.1		
GEW-138	108.7	85.6	63.5	59.8		
GEW-139	172.4	160.3	156.4	141.5		
GEW-140	190.9	130.4	172.6	137.4		
GEW-144	99.6	87.5	--	--		Temporarily decommissioned
GEW-145	84.9	90.6	49.6	49.4		
GEW-147	183.9	178.0	147.7	154.4		

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GEW-148	157.6	153.3	148.9	151.3		
GEW-149	119.2	107.2	87.9	105.7		
GEW-150	180.3	183.3	186.4	154.4		
GEW-151	140.6	112.2	67.8	87.5		
GEW-152	128.6	133.4	97.7	94.1		
GEW-153	109.5	106.3	93.8	92.7		
GEW-154	--	--	--	--		Temporarily decommissioned
GEW-155	105.5	86.1	58.5	--		Temporarily decommissioned
GEW-156	117.3	126.4	92.2	124.7		
GEW-157	127.8	113.5	90.7	75.5		
GEW-158	126.4	109.3	100.1	92.2		
GEW-159	98.2	104.8	95.8	102.1		
GEW-160	98.4	94.2	96.3	92.9		
GEW-161	116.1	114.5	112.0	106.9		
GEW-162	110.2	111.9	75.9	80.6		
GEW-163	166.1	153.7	154.4	146.3		
GEW-164	149.9	148.4	146.0	150.6		
GEW-165	163.8	159.0	149.5	149.1		
GEW-166	184.5	175.8	182.1	184.5		
GEW-167	161.6	156.9	148.1	146.3		
GEW-168	148.0	136.5	133.5	133.8		
GEW-169	161.1	127.2	135.6	117.6		
GEW-170	162.0	156.9	135.8	129.0		
GEW-171	101.8	67.2	76.2	66.1		
GEW-172	170.5	164.3	157.3	147.5		
GEW-173	--	--	--	--		Temporarily decommissioned
GEW-174	141.2	130.3	129.8	129.5		
GEW-175	151.3	158.5	154.0	145.6		
GEW-176	102.5	80.0	64.7	102.1		
GEW-177	176.9	179.2	175.3	170.5		
GEW-178	91.5	92.4	77.8	74.5		
GEW-179	109.7	109.7	95.8	68.0		
GEW-180	114.0	94.8	98.4	100.1		
GEW-181	110.6	102.8	103.3	102.8		
GEW-182	128.4	98.4	--	--		Temporarily decommissioned
GEW-184	88.9	96.1	--	--		Temporarily decommissioned
GEW-185	117.4	118.9	121.0	132.3		
GEW-186	114.9	110.2	97.3	82.4		

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GEW-187	140.9	139.3	117.1	121.0		
GEW-188	130.0	96.2	--	--		Temporarily decommissioned
GEW-217	128.0	119.4	95.7	186.4		
GEW-218	126.9	132.3	121.5	110.2		
GEW-219	188.9	183.3	172.1	176.0		
GEW-220	197.9	194.3	182.1	182.1		
GEW-221	119.4	108.0	100.5	96.3		
GEW-222	98.0	165.7	178.6	104.8		
GEW-223	166.1	155.6	162.0	129.7		
GEW-224	178.0	183.3	176.9	171.0		
GEW-225	187.0	180.9	185.1	126.4		
GEW-226	193.6	187.6	188.3	183.9		
GEW-227	194.3	177.0	202.3	198.7		
GEW-228	192.3	200.0	189.6	197.2		
GEW-229	138.0	112.2	104.5	103.4		
GEW-230	188.9	169.0	185.7	167.6		
GEW-231	148.4	135.3	129.3	119.4		
GEW-232	125.8	160.7	136.2	79.9		
GEW-233	139.0	175.4	150.6	54.7		
GEW-234	187.0	201.6	191.6	191.7		
GEW-235	137.7	139.3	143.2	128.6		
GEW-236	203.1	204.7	204.7	204.7		
GEW-237	146.6	164.0	161.1	148.1		
GEW-238	196.4	197.9	197.0	200.8		
GEW-239	204.7	205.4	185.1	192.3		
GEW-240	197.8	198.6	197.2	154.0		
GEW-2S	94.6	81.0	67.5	66.1		
GIW-01	156.5	154.4	107.7	102.3		
GIW-02	106.5	110.8	76.4	77.5		
GIW-03	86.6	102.3	70.6	74.8		
GIW-04	87.7	106.7	75.8	79.8		
GIW-05	88.8	97.4	71.1	69.8		
GIW-06	88.2	104.6	75.9	77.5		
GIW-07	90.8	104.5	72.6	75.9		
GIW-08	90.0	105.0	68.5	70.7		
GIW-09	90.9	101.8	72.7	72.3		
GIW-10	92.7	103.6	75.5	75.7		
GIW-11	94.8	100.1	78.9	77.5		
GIW-12	90.3	97.5	75.0	73.0		
GIW-13	92.7	98.9	72.6	72.3		

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Well Name					Temp Trend	Comments
	September 2019	October 2019	November 2019	December 2019	><30°F	
LCS-1D	93.6	106.0	63.5	55.5		
LCS-2D	89.0	69.5	71.6	67.6		
LCS-3D	104.7	113.2	151.0	140.6		
LCS-4B	103.8	99.5	62.7	52.6		
LCS-5A	105.3	86.8	91.4	83.5		
LCS-5B	147.5	144.2	137.7	135.5		
LCS-6B	100.4	76.5	72.3	68.3		
SEW-002	112.5	100.1	59.2	52.5		
SEW-003	120.7	95.0	68.6	65.5		
T-56	83.5	70.6	58.9	53.6		

-- = Indicates no data available.

December 2019 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H ₂ O		
GEW-002	12/6/2019 10:24:44 AM	55.3	40.2	0.0	4.5	110.0	109.9	12.36	12.36	-0.96	-0.96	-13.90
GEW-002	12/11/2019 8:32:02 AM	55.5	40.6	0.0	3.9	110.2	110.2	18.88	18.69	-0.69	-0.66	-13.82
GEW-002	12/11/2019 8:39:08 AM	54.8	39.8	0.0	5.4	109.8	109.9	13.76	21.25	-0.65	-0.67	-13.90
GEW-002	12/17/2019 11:30:32 AM	54.3	40.5	0.0	5.2	111.0	111.2	7.13	14.27	-0.55	-0.55	-13.94
GEW-002	12/23/2019 11:25:24 AM	53.7	42.2	0.0	4.1	112.2	112.2	39.76	36.63	-0.68	-0.68	-13.10
GEW-003	12/6/2019 10:39:43 AM	51.9	40.0	0.0	8.1	100.9	101.1	3.85	7.20	-0.72	-0.74	-13.31
GEW-003	12/11/2019 8:43:42 AM	54.8	40.7	0.0	4.5	93.1	93.4	9.05	5.17	-0.23	-0.25	-13.44
GEW-003	12/11/2019 8:50:39 AM	54.6	41.0	0.0	4.4	92.6	92.9	29.29	28.38	-0.20	-0.22	-13.82
GEW-003	12/18/2019 9:00:26 AM	55.8	42.8	0.0	1.4	51.3	51.8	9.03	9.18	-0.60	-0.62	-13.35
GEW-003	12/23/2019 11:32:59 AM	53.1	43.8	0.0	3.1	113.4	113.7	23.18	24.10	-0.02	-0.02	-13.48
GEW-004	12/6/2019 10:27:40 AM	55.2	40.0	0.0	4.8	104.6	104.5	13.55	11.50	-0.89	-0.88	-13.98
GEW-004	12/6/2019 10:29:35 AM	55.1	40.9	0.0	4.0	102.1	101.4	10.16	4.70	-0.85	-0.83	-13.52
GEW-004	12/11/2019 8:57:42 AM	54.7	41.4	0.0	3.9	97.9	98.4	15.92	8.63	-0.17	-0.19	-13.52
GEW-004	12/11/2019 9:05:04 AM	55.4	39.4	0.0	5.2	98.4	97.2	7.22	10.93	-0.19	-0.16	-13.18
GEW-004	12/17/2019 11:34:43 AM	55.1	41.1	0.0	3.8	102.5	102.3	7.48	8.14	0.09	0.07	-12.72
GEW-004	12/17/2019 11:36:13 AM	55.4	41.1	0.0	3.5	105.4	105.7	20.31	19.38	0.03	0.03	-13.61
GEW-004	12/18/2019 9:04:17 AM	55.6	41.5	0.0	2.9	104.5	104.5	30.80	30.80	-0.65	-0.65	-13.31
GEW-004	12/23/2019 11:37:06 AM	54.6	42.8	0.0	2.6	110.5	110.5	11.79	8.59	0.15	0.16	-13.23
GEW-004	12/23/2019 11:38:30 AM	54.9	42.3	0.0	2.8	111.0	111.0	11.77	8.10	0.16	0.14	-13.27
GEW-004	12/26/2019 7:48:48 AM	56.4	39.6	0.0	4.0	109.0	109.0	37.52	38.10	-0.65	-0.65	-13.82
GEW-005	12/6/2019 10:44:36 AM	53.2	39.2	0.0	7.6	72.3	70.7	13.68	15.55	-0.50	-0.46	-13.52
GEW-005	12/11/2019 9:52:58 AM	55.0	39.1	0.0	5.9	75.3	75.5	16.86	16.07	-0.26	-0.27	-13.98
GEW-005	12/11/2019 9:59:29 AM	55.8	37.0	0.0	7.2	75.7	75.6	7.37	7.37	-0.26	-0.26	-13.52
GEW-005	12/17/2019 2:07:08 PM	57.5	37.5	0.0	5.0	76.6	76.4	7.88	2.79	0.13	0.13	-12.93
GEW-005	12/17/2019 2:08:27 PM	57.1	37.8	0.0	5.1	77.1	77.3	9.24	7.88	0.12	0.12	-13.56
GEW-005	12/18/2019 9:15:22 AM	55.1	39.2	0.0	5.7	74.3	74.2	21.36	21.36	-0.42	-0.42	-13.61
GEW-005	12/23/2019 11:50:06 AM	55.8	41.6	0.0	2.6	84.0	84.0	28.10	27.41	0.34	0.35	-13.10
GEW-005	12/23/2019 11:51:37 AM	56.1	40.5	0.0	3.4	84.4	84.4	26.11	26.11	0.34	0.34	-13.06
GEW-005	12/26/2019 7:55:44 AM	55.0	38.0	0.0	7.0	80.5	80.4	7.84	7.84	-0.37	-0.37	-13.73
GEW-006	12/6/2019 10:49:58 AM	55.4	39.3	0.0	5.3	77.9	77.7	30.80	30.80	-0.72	-0.72	-14.24
GEW-006	12/11/2019 10:18:25 AM	55.9	38.2	0.0	5.9	79.2	79.4	11.77	11.77	-0.64	-0.64	-13.44
GEW-006	12/11/2019 10:24:23 AM	56.3	37.1	0.0	6.6	79.6	79.5	33.63	34.20	-0.61	-0.58	-13.61
GEW-006	12/17/2019 2:15:48 PM	57.4	38.2	0.0	4.4	81.7	81.7	33.84	34.39	-0.02	-0.02	-13.52
GEW-006	12/17/2019 2:17:12 PM	57.3	38.1	0.0	4.6	82.1	82.1	13.00	9.60	-0.05	-0.05	-13.56
GEW-006	12/23/2019 1:50:49 PM	58.6	37.6	0.0	3.8	84.9	84.9	14.96	15.70	0.18	0.18	-13.77
GEW-006	12/23/2019 1:52:05 PM	58.2	37.5	0.0	4.3	85.1	85.1	15.45	14.43	0.13	0.12	-13.73
GEW-006	12/26/2019 8:03:32 AM	55.7	38.5	0.0	5.8	82.3	82.1	25.95	23.31	-0.64	-0.64	-13.61
GEW-007	12/5/2019 10:28:32 AM	56.6	40.0	0.0	3.4	90.8	90.8	16.70	16.47	-6.09	-6.09	-13.35
GEW-007	12/9/2019 10:31:07 AM	56.6	40.6	0.0	2.8	89.3	89.4	7.18	6.64	-5.79	-6.09	-13.44
GEW-007	12/9/2019 10:36:45 AM	57.1	40.4	0.0	2.5	89.6	89.6	10.14	7.67	-6.09	-6.09	-13.73

December 2019 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H ₂ O		
GEW-007	12/18/2019 9:43:50 AM	57.9	40.0	0.0	2.1	87.7	87.7	6.48	5.22	-6.43	-6.43	-13.82
GEW-007	12/23/2019 9:48:02 AM	56.6	40.7	0.0	2.7	90.1	89.9	10.84	10.83	-6.26	-6.34	-13.82
GEW-008	12/5/2019 10:32:00 AM	54.0	41.7	0.0	4.3	112.1	112.0	23.00	23.32	-0.81	-0.81	-13.73
GEW-008	12/9/2019 10:40:58 AM	53.5	43.2	0.0	3.3	111.2	111.0	35.85	36.15	-0.78	-0.76	-13.82
GEW-008	12/9/2019 10:46:22 AM	54.0	42.8	0.0	3.2	111.0	111.3	27.62	27.62	-0.79	-0.79	-13.73
GEW-008	12/18/2019 9:49:54 AM	55.3	40.2	0.0	4.5	109.7	109.7	38.09	37.80	-1.21	-1.22	-14.03
GEW-008	12/23/2019 9:52:11 AM	53.8	43.2	0.0	3.0	111.8	111.8	35.62	36.22	-0.91	-0.91	-13.48
GEW-008	12/23/2019 9:57:47 AM	54.3	42.8	0.0	2.9	112.0	112.2	13.46	13.98	-0.97	-0.98	-13.65
GEW-009	12/5/2019 10:35:18 AM	49.7	40.8	0.0	9.5	120.3	120.7	28.84	28.84	-0.17	-0.17	-13.90
GEW-009	12/5/2019 10:37:23 AM	49.7	40.6	0.0	9.7	120.2	120.2	17.15	17.96	-0.12	-0.12	-13.56
GEW-009	12/9/2019 10:50:14 AM	50.7	41.7	0.0	7.6	121.3	121.6	8.03	5.98	-0.10	-0.09	-13.90
GEW-009	12/9/2019 10:56:48 AM	51.3	41.1	0.0	7.6	121.2	120.6	6.56	9.27	-0.03	-0.04	-13.52
GEW-009	12/18/2019 9:54:34 AM	49.5	40.1	0.0	10.4	117.9	118.0	3.50	3.50	-0.33	-0.34	-13.82
GEW-009	12/18/2019 9:56:06 AM	49.4	39.6	0.0	11.0	117.4	116.3	6.41	7.91	-0.32	-0.32	-13.86
GEW-009	12/23/2019 10:01:15 AM	51.6	42.1	0.0	6.3	120.5	120.5	7.08	5.99	-0.11	-0.11	-14.03
GEW-010	12/5/2019 9:03:29 AM	56.8	40.7	0.0	2.5	80.1	80.5	2.44	1.41	-6.37	-6.37	-19.83
GEW-010	12/5/2019 9:17:11 AM	56.3	41.4	0.0	2.3	82.3	82.2	1.81	1.40	-6.71	-6.71	-19.41
GEW-010	12/9/2019 10:37:41 AM	55.0	42.8	0.0	2.2	77.9	78.4	3.18	2.48	-6.04	-6.04	-19.32
GEW-010	12/19/2019 8:08:49 AM	56.1	41.4	0.0	2.5	65.1	64.9	0.84	1.45	-6.71	-6.71	-20.08
GEW-010	12/26/2019 2:21:11 PM	56.6	41.2	0.0	2.2	92.9	92.9	2.26	2.77	-5.75	-5.79	-18.07
GEW-013A	12/2/2019 2:25:53 PM	7.5	64.7	0.0	27.8	193.6	193.6	24.11	25.01	-11.69	-11.69	-18.44
GEW-013A	12/2/2019 2:27:14 PM	6.7	64.4	0.0	28.9	193.6	193.6	27.43	24.46	-11.69	-11.69	-18.10
GEW-013A	12/16/2019 8:46:51 AM	10.8	59.0	0.0	30.2	192.3	192.3	33.94	32.92	-10.76	-10.76	-19.92
GEW-013A	12/16/2019 8:47:45 AM	10.1	58.9	0.0	31.0	192.3	192.3	33.99	32.86	-10.76	-10.76	-19.58
GEW-015	12/9/2019 8:35:58 AM	21.0	49.2	0.0	29.8	95.3	95.4	3.50	3.84	-2.49	-2.49	-18.82
GEW-015	12/20/2019 10:07:36 AM	24.4	46.6	0.0	29.0	90.3	90.3	3.75	4.38	-3.00	-2.99	-19.75
GEW-016R	12/9/2019 8:25:51 AM	4.5	54.2	0.0	41.3	166.7	167.1	7.85	8.04	-2.26	-2.27	-18.65
GEW-016R	12/9/2019 8:26:48 AM	4.5	55.6	0.0	39.9	167.1	167.1	8.22	8.52	-2.27	-2.26	-18.82
GEW-016R	12/17/2019 1:54:20 PM	7.8	55.4	0.0	36.8	169.5	169.0	9.57	9.52	-2.64	-2.66	-18.27
GEW-016R	12/17/2019 1:55:18 PM	7.7	55.5	0.0	36.8	169.2	168.1	9.15	9.20	-2.69	-2.69	-18.27
GEW-018B	12/9/2019 9:37:15 AM	1.9	57.4	0.0	40.7	202.4	202.3	17.81	17.89	-2.08	-2.07	-19.53
GEW-018B	12/9/2019 9:38:35 AM	1.8	58.0	0.0	40.2	202.3	202.3	17.15	16.98	-2.36	-2.36	-18.48
GEW-018B	12/17/2019 2:39:10 PM	9.5	43.0	3.6	43.9	173.1	172.1	12.42	12.42	-12.41	-12.41	-17.76
GEW-018B	12/17/2019 2:40:39 PM	9.6	42.8	3.6	44.0	173.6	171.6	13.03	12.64	-12.41	-12.41	-18.60
GEW-019A	12/11/2019 10:14:50 AM	0.8	54.1	4.6	40.5	42.5	42.7	3.39	4.80	-17.90	-17.90	-19.03
GEW-019A	12/18/2019 10:24:20 AM	0.8	60.8	4.2	34.2	40.9	40.9	3.03	3.68	-18.60	-18.60	-20.09
GEW-039	12/5/2019 2:35:23 PM	33.0	34.8	0.4	31.8	105.5	105.6	10.76	10.24	-0.21	-0.21	-18.94
GEW-039	12/9/2019 3:40:29 PM	29.9	33.7	1.7	34.7	103.0	103.0	12.70	12.70	-0.22	-0.22	-19.41
GEW-039	12/9/2019 3:46:09 PM	29.3	32.8	1.8	36.1	102.8	103.0	12.11	10.14	-0.19	-0.20	-19.28
GEW-039	12/19/2019 10:42:52 AM	29.0	32.9	2.1	36.0	104.0	104.0	11.62	11.93	-0.14	-0.15	-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		
GEW-039	12/26/2019 3:36:26 PM	29.5	33.8	1.3	35.4	106.3	106.5	12.12	10.49	-0.21	-0.21	-19.59
GEW-040	12/6/2019 9:29:28 AM	49.3	33.6	0.0	17.1	46.0	46.0	8.10	8.10	-0.69	-0.70	-13.14
GEW-040	12/6/2019 9:30:48 AM	48.4	34.2	0.0	17.4	44.9	45.0	8.12	7.59	-0.31	-0.30	-13.27
GEW-040	12/9/2019 2:23:04 PM	58.2	35.6	0.0	6.2	54.7	54.7	9.85	8.53	-0.26	-0.24	-12.97
GEW-040	12/9/2019 2:30:17 PM	59.2	34.7	0.0	6.1	54.7	54.7	11.37	11.37	-0.29	-0.29	-13.02
GEW-040	12/17/2019 10:04:37 AM	61.6	38.1	0.0	0.3	34.0	34.0	7.68	6.29	-0.18	-0.17	-11.88
GEW-040	12/17/2019 10:06:00 AM	61.8	36.7	0.0	1.5	33.9	33.9	13.37	13.35	-0.42	-0.44	-12.38
GEW-040	12/23/2019 10:26:22 AM	56.3	37.9	0.0	5.8	49.1	49.0	15.05	14.95	-0.45	-0.44	-12.97
GEW-041R	12/6/2019 9:33:44 AM	52.6	35.7	0.0	11.7	76.4	76.6	2.41	5.63	-0.40	-0.40	-13.48
GEW-041R	12/6/2019 9:35:54 AM	52.3	36.2	0.0	11.5	74.7	74.1	5.88	11.42	-0.35	-0.35	-13.40
GEW-041R	12/10/2019 9:55:26 AM	56.1	34.8	0.0	9.1	56.0	56.3	4.01	0.90	-0.28	-0.25	-13.48
GEW-041R	12/10/2019 10:03:14 AM	55.3	34.8	0.0	9.9	56.1	56.2	6.35	2.84	-0.22	-0.22	-13.52
GEW-041R	12/17/2019 10:09:42 AM	55.9	35.7	0.0	8.4	58.3	59.0	4.91	6.34	-0.11	-0.12	-12.85
GEW-041R	12/23/2019 10:29:36 AM	55.3	37.1	0.0	7.6	73.0	73.0	10.07	8.84	-0.09	-0.09	-13.02
GEW-042R	12/6/2019 9:38:17 AM	56.9	38.2	0.0	4.9	100.6	100.6	15.76	15.76	-3.33	-3.33	-13.52
GEW-042R	12/10/2019 10:07:31 AM	57.6	37.6	0.0	4.8	99.6	99.1	23.13	24.96	-3.06	-3.07	-11.75
GEW-042R	12/10/2019 10:15:03 AM	56.9	37.8	0.0	5.3	98.7	98.7	5.78	5.72	-2.98	-3.00	-10.78
GEW-042R	12/17/2019 10:14:42 AM	57.5	38.7	0.0	3.8	97.4	97.7	12.66	12.85	-2.31	-2.32	-8.72
GEW-042R	12/23/2019 10:35:44 AM	56.9	40.1	0.1	2.9	103.0	103.0	38.17	37.40	-3.03	-3.04	-12.89
GEW-042R	12/23/2019 10:43:55 AM	57.0	39.9	0.0	3.1	102.9	103.0	12.37	11.45	-3.00	-2.99	-11.33
GEW-043R	12/6/2019 9:41:02 AM	57.2	40.3	0.0	2.5	114.0	114.0	6.81	8.89	-1.72	-1.76	-13.56
GEW-043R	12/10/2019 10:27:22 AM	56.5	40.7	0.0	2.8	114.0	113.9	25.45	25.17	-1.54	-1.53	-14.24
GEW-043R	12/10/2019 10:34:57 AM	56.4	40.1	0.0	3.5	114.4	114.3	29.34	29.42	-1.45	-1.43	-13.73
GEW-043R	12/17/2019 10:54:07 AM	56.5	41.0	0.0	2.5	114.1	114.3	7.60	11.40	-1.03	-1.03	-13.06
GEW-043R	12/23/2019 10:54:41 AM	55.4	42.5	0.0	2.1	115.8	115.8	21.79	22.28	-1.04	-1.06	-13.61
GEW-044	12/6/2019 9:43:54 AM	46.0	37.0	0.0	17.0	56.7	58.5	4.99	2.69	-0.74	-0.76	-13.14
GEW-044	12/6/2019 9:46:05 AM	45.5	36.3	0.0	18.2	59.2	59.2	2.96	1.67	-0.72	-0.72	-13.14
GEW-044	12/10/2019 10:39:41 AM	46.5	35.6	0.0	17.9	46.1	46.2	1.57	0.91	-0.35	-0.34	-13.48
GEW-044	12/10/2019 10:48:24 AM	46.3	34.8	0.0	18.9	41.2	41.5	8.15	5.35	-0.16	-0.16	-13.14
GEW-044	12/17/2019 10:59:37 AM	49.7	37.7	0.0	12.6	41.8	49.6	2.23	1.70	-0.05	-0.05	-13.23
GEW-044	12/23/2019 10:57:41 AM	48.4	38.5	0.0	13.1	67.9	67.9	9.50	9.50	-0.18	-0.18	-13.18
GEW-044	12/23/2019 10:59:52 AM	49.1	37.2	0.0	13.7	69.1	68.8	8.30	8.30	-0.07	-0.08	-12.93
GEW-045R	12/6/2019 10:02:38 AM	58.3	39.9	0.0	1.8	83.2	82.8	6.74	6.82	-4.13	-4.13	-13.48
GEW-045R	12/10/2019 11:28:53 AM	58.4	39.2	0.0	2.4	86.3	85.8	7.26	7.10	-3.95	-3.96	-13.48
GEW-045R	12/10/2019 11:36:25 AM	58.0	38.8	0.0	3.2	86.8	85.4	7.13	4.49	-3.82	-3.83	-13.14
GEW-045R	12/17/2019 11:17:18 AM	57.8	40.1	0.0	2.1	86.3	85.9	6.70	2.74	-3.69	-3.73	-12.85
GEW-045R	12/23/2019 11:08:35 AM	57.1	40.8	0.0	2.1	91.0	91.0	8.16	8.16	-4.09	-4.09	-12.93
GEW-046R	12/6/2019 10:06:03 AM	56.7	40.3	0.0	3.0	75.9	76.6	10.42	13.21	-0.49	-0.49	-13.48
GEW-046R	12/10/2019 11:40:20 AM	56.5	40.0	0.0	3.5	79.8	80.0	6.77	6.83	-0.24	-0.24	-13.23
GEW-046R	12/10/2019 11:47:07 AM	57.2	38.9	0.0	3.9	80.3	80.0	2.77	4.81	-0.18	-0.15	-13.48

December 2019 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H ₂ O		
GEW-046R	12/17/2019 11:20:57 AM	56.6	40.1	0.0	3.3	79.8	80.5	7.73	7.73	-0.10	-0.14	-13.48
GEW-046R	12/23/2019 11:11:55 AM	55.9	40.8	0.0	3.3	88.7	88.9	11.68	10.30	-0.09	-0.08	-12.93
GEW-047R	12/6/2019 10:35:16 AM	52.8	41.1	0.0	6.1	88.9	88.4	9.59	4.39	-0.59	-0.55	-13.48
GEW-047R	12/11/2019 9:12:25 AM	54.4	40.7	0.0	4.9	90.8	90.8	4.80	3.79	-0.14	-0.14	-13.40
GEW-047R	12/11/2019 9:19:28 AM	55.0	39.9	0.0	5.1	91.0	91.0	36.25	35.93	-0.10	-0.12	-13.48
GEW-047R	12/17/2019 1:57:38 PM	56.5	39.3	0.0	4.2	95.8	95.8	7.74	6.12	0.06	0.06	-13.31
GEW-047R	12/17/2019 2:00:31 PM	55.3	39.8	0.0	4.9	95.8	95.8	18.84	18.92	0.06	0.05	-12.97
GEW-047R	12/18/2019 9:08:52 AM	55.4	40.3	0.0	4.3	90.7	90.8	27.01	27.01	-0.49	-0.49	-13.40
GEW-047R	12/23/2019 11:45:15 AM	54.1	43.4	0.0	2.5	102.1	102.1	20.01	21.45	0.32	0.32	-12.93
GEW-047R	12/23/2019 11:46:33 AM	54.2	43.3	0.0	2.5	103.8	103.8	17.20	16.09	0.28	0.28	-12.89
GEW-047R	12/26/2019 7:51:11 AM	54.7	39.5	0.0	5.8	100.6	100.6	6.09	6.67	-0.46	-0.46	-13.61
GEW-048	12/6/2019 10:47:09 AM	57.3	39.0	0.0	3.7	92.8	92.8	7.75	3.87	-0.85	-0.87	-13.69
GEW-048	12/11/2019 10:04:22 AM	57.7	38.1	0.0	4.2	94.1	93.9	21.38	23.55	-0.54	-0.56	-14.15
GEW-048	12/11/2019 10:10:50 AM	57.6	37.7	0.0	4.7	93.6	93.5	35.81	35.61	-0.56	-0.53	-14.03
GEW-048	12/17/2019 2:12:32 PM	57.2	38.6	0.0	4.2	95.0	95.0	25.83	26.12	-0.14	-0.15	-13.69
GEW-048	12/23/2019 11:53:30 AM	56.4	40.4	0.0	3.2	96.7	96.7	9.48	12.23	0.12	0.10	-13.61
GEW-048	12/23/2019 11:54:49 AM	56.4	41.1	0.0	2.5	97.0	97.0	15.22	12.53	0.05	0.06	-13.77
GEW-048	12/26/2019 7:58:50 AM	57.0	39.0	0.0	4.0	95.3	95.3	14.46	14.72	-0.70	-0.72	-14.28
GEW-049	12/6/2019 9:49:17 AM	47.2	36.5	0.0	16.3	82.6	83.2	2.76	0.62	-0.76	-0.77	-13.40
GEW-049	12/6/2019 9:50:28 AM	47.0	37.2	0.0	15.8	79.8	79.6	5.54	2.77	-0.74	-0.74	-13.14
GEW-049	12/10/2019 11:02:39 AM	50.0	37.2	0.0	12.8	63.9	63.7	5.35	5.35	-0.05	-0.05	-13.48
GEW-049	12/10/2019 11:10:05 AM	50.1	37.3	0.0	12.6	63.0	62.8	15.54	15.44	-0.06	-0.06	-13.48
GEW-049	12/17/2019 11:05:57 AM	52.6	37.9	0.0	9.5	60.4	60.9	16.25	15.99	-0.04	-0.03	-12.85
GEW-049	12/23/2019 11:02:51 AM	53.4	39.4	0.0	7.2	79.1	79.4	29.15	27.92	-0.01	-0.01	-13.10
GEW-050	12/5/2019 10:22:43 AM	56.8	37.5	0.0	5.7	100.6	100.6	21.78	20.56	-0.37	-0.35	-9.06
GEW-050	12/9/2019 10:08:11 AM	57.1	38.8	0.0	4.1	99.8	99.9	13.35	11.24	-0.27	-0.29	-8.97
GEW-050	12/9/2019 10:14:33 AM	57.2	38.8	0.0	4.0	99.6	99.6	13.63	12.79	-0.29	-0.24	-10.74
GEW-050	12/17/2019 9:21:33 AM	56.5	37.5	0.0	6.0	97.0	96.8	8.64	12.51	-0.47	-0.48	-6.07
GEW-050	12/23/2019 9:41:09 AM	55.9	37.8	0.0	6.3	100.5	100.4	10.89	10.89	-0.39	-0.39	-5.81
GEW-051	12/5/2019 10:42:20 AM	54.9	41.7	0.0	3.4	114.8	114.5	15.92	17.64	-0.14	-0.17	-13.48
GEW-051	12/9/2019 11:02:41 AM	54.8	42.1	0.0	3.1	113.0	113.0	7.62	7.13	0.04	0.03	-13.06
GEW-051	12/9/2019 11:09:38 AM	55.1	41.7	0.0	3.2	114.0	114.1	9.48	9.37	0.03	0.03	-11.96
GEW-051	12/10/2019 10:56:18 AM	57.4	39.9	0.0	2.7	111.5	111.2	7.13	5.39	-0.55	-0.53	-12.09
GEW-051	12/17/2019 9:30:29 AM	56.7	40.8	0.0	2.5	109.0	109.7	9.89	9.06	-0.50	-0.49	-13.06
GEW-051	12/23/2019 10:05:43 AM	54.9	42.6	0.0	2.5	120.2	120.3	8.46	11.35	-0.70	-0.70	-13.23
GEW-052	12/5/2019 10:25:32 AM	49.5	36.9	0.0	13.6	105.5	105.5	33.00	33.11	-0.07	-0.08	-13.48
GEW-052	12/9/2019 10:18:10 AM	51.1	39.1	0.0	9.8	105.7	105.7	26.85	26.71	-0.04	-0.03	-14.07
GEW-052	12/9/2019 10:23:54 AM	51.2	39.0	0.0	9.8	105.1	105.3	26.31	25.84	-0.04	-0.03	-13.48
GEW-052	12/17/2019 9:24:54 AM	47.6	36.3	0.0	16.1	100.0	99.8	23.92	23.92	-0.14	-0.15	-13.35
GEW-052	12/17/2019 9:26:34 AM	46.7	37.5	0.0	15.8	98.4	97.8	4.81	4.88	-0.09	-0.09	-13.35

December 2019 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H ₂ O		
GEW-052	12/23/2019 9:43:53 AM	47.5	37.2	0.0	15.3	102.3	102.5	25.38	25.08	-0.02	-0.02	-13.86
GEW-053	12/5/2019 10:49:30 AM	51.1	42.3	0.0	6.6	138.0	138.3	16.26	16.04	-0.17	-0.16	-13.23
GEW-053	12/5/2019 10:50:29 AM	50.7	43.0	0.0	6.3	139.0	138.6	15.81	16.87	-0.16	-0.16	-13.14
GEW-053	12/9/2019 11:17:48 AM	50.7	42.4	0.0	6.9	140.6	141.2	24.42	24.42	-0.02	-0.02	-13.10
GEW-053	12/9/2019 11:24:03 AM	50.7	42.8	0.0	6.5	141.2	140.9	22.48	22.79	-0.02	-0.02	-13.61
GEW-053	12/17/2019 9:41:54 AM	52.3	41.7	0.0	6.0	139.9	140.2	29.13	28.70	-0.52	-0.56	-13.31
GEW-053	12/17/2019 9:43:30 AM	51.6	43.2	0.0	5.2	140.2	140.6	16.71	15.74	-0.54	-0.55	-12.38
GEW-053	12/23/2019 10:11:27 AM	50.8	43.0	0.0	6.2	142.2	142.3	33.95	33.84	-0.39	-0.38	-13.48
GEW-053	12/23/2019 10:12:40 AM	50.5	43.7	0.0	5.8	141.9	141.5	25.74	26.54	-0.39	-0.38	-13.44
GEW-054	12/5/2019 10:53:40 AM	52.7	43.2	0.0	4.1	145.7	145.7	61.25	63.30	-4.13	-4.13	-13.14
GEW-054	12/5/2019 10:55:21 AM	52.7	43.1	0.0	4.2	145.7	145.6	65.87	67.78	-4.39	-4.45	-12.72
GEW-054	12/9/2019 1:58:23 PM	53.7	42.1	0.0	4.2	145.6	145.6	53.84	65.93	-4.48	-4.68	-13.18
GEW-054	12/9/2019 2:04:19 PM	53.6	41.7	0.0	4.7	145.6	145.6	55.97	55.97	-4.57	-4.57	-13.48
GEW-054	12/17/2019 9:53:31 AM	53.5	42.8	0.0	3.7	145.9	145.9	48.74	51.55	-4.24	-4.29	-13.14
GEW-054	12/17/2019 9:54:44 AM	53.4	43.1	0.0	3.5	145.9	145.9	63.01	60.42	-4.58	-4.40	-13.73
GEW-054	12/23/2019 10:15:50 AM	52.7	43.6	0.0	3.7	146.3	146.3	49.20	50.82	-4.29	-4.18	-13.98
GEW-054	12/23/2019 10:16:58 AM	52.6	43.8	0.0	3.6	146.3	146.3	63.38	63.38	-4.44	-4.44	-13.77
GEW-055	12/5/2019 11:02:27 AM	53.0	43.0	0.0	4.0	127.5	127.5	7.84	5.90	-0.58	-0.59	-12.64
GEW-055	12/9/2019 2:12:13 PM	53.4	41.0	0.0	5.6	122.1	121.8	7.53	9.78	-1.01	-0.99	-13.31
GEW-055	12/9/2019 2:18:07 PM	53.7	41.4	0.0	4.9	121.5	121.8	5.95	4.07	-1.04	-1.06	-13.02
GEW-055	12/17/2019 10:00:40 AM	53.7	42.1	0.0	4.2	119.9	119.5	9.51	5.88	-0.77	-0.77	-12.26
GEW-055	12/23/2019 10:23:17 AM	53.2	42.7	0.0	4.1	128.9	128.8	7.52	6.79	-0.79	-0.77	-12.97
GEW-056R	12/5/2019 9:22:16 AM	42.1	40.1	0.0	17.8	88.2	88.2	2.15	2.15	-0.54	-0.54	-19.58
GEW-056R	12/5/2019 9:28:02 AM	42.2	39.8	0.0	18.0	88.9	89.1	2.43	2.15	-0.55	-0.55	-19.20
GEW-056R	12/9/2019 10:33:49 AM	45.1	42.3	0.0	12.6	80.3	80.3	2.15	2.15	-0.44	-0.44	-18.99
GEW-056R	12/19/2019 8:04:32 AM	44.3	39.3	0.0	16.4	65.0	65.1	3.70	3.28	-0.48	-0.48	-20.13
GEW-056R	12/26/2019 2:37:18 PM	41.4	40.0	0.0	18.6	95.3	95.5	3.02	2.55	-0.41	-0.40	-18.32
GEW-057B	12/3/2019 2:23:23 PM	5.9	53.7	0.0	40.4	169.9	169.0	5.91	4.29	-17.22	-17.22	-18.27
GEW-057B	12/3/2019 2:24:45 PM	5.7	54.7	0.0	39.6	170.5	164.3	3.18	5.98	-17.22	-17.22	-17.46
GEW-057B	12/17/2019 8:51:03 AM	5.8	54.3	0.0	39.9	156.9	159.4	5.81	1.52	-18.49	-18.49	-19.28
GEW-057B	12/17/2019 8:52:46 AM	5.5	56.2	0.0	38.3	157.3	159.2	4.63	4.63	-18.28	-18.28	-18.52
GEW-058A	12/3/2019 9:03:02 AM	0.7	44.2	1.9	53.2	48.8	48.8	1.75	2.14	-0.59	-0.59	-18.10
GEW-058A	12/19/2019 2:18:16 PM	0.9	49.0	0.8	49.3	55.4	90.3	2.27	2.09	-0.39	-0.39	-17.97
GEW-059R	12/3/2019 8:28:59 AM	23.3	39.8	0.0	36.9	101.3	101.3	6.61	6.45	-7.89	-7.89	-18.27
GEW-059R	12/19/2019 1:58:42 PM	20.9	41.0	0.0	38.1	121.8	121.9	6.15	6.60	-8.10	-8.10	-18.31
GEW-067A	12/2/2019 1:44:00 PM	11.0	53.4	0.1	35.5	195.0	193.0	10.44	10.44	-10.68	-10.68	-18.18
GEW-067A	12/2/2019 1:45:45 PM	10.6	51.3	0.0	38.1	195.0	195.0	10.26	8.65	-11.10	-11.10	-17.76
GEW-067A	12/16/2019 9:02:41 AM	17.4	47.2	0.6	34.8	92.7	94.3	1.52	3.09	-19.25	-19.25	-19.96
GEW-068A	12/6/2019 2:17:03 PM	11.2	51.8	0.0	37.0	195.7	195.7	55.59	55.53	-6.29	-6.29	-19.45
GEW-068A	12/6/2019 2:17:59 PM	10.9	52.5	0.0	36.6	195.7	195.7	55.86	55.32	-6.25	-6.25	-20.13

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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-068A	12/17/2019 11:45:01 AM	10.4	53.9	0.0	35.7	196.5	196.6	55.50	55.09	-4.84	-4.83	-17.55
GEW-068A	12/17/2019 11:46:22 AM	9.8	53.0	0.0	37.2	196.4	196.5	55.33	55.30	-4.81	-4.80	-17.29
GEW-078R	12/10/2019 9:01:09 AM	11.0	28.6	0.0	60.4	145.9	145.9	15.73	15.57	-11.82	-11.82	-20.17
GEW-078R	12/10/2019 9:02:13 AM	10.7	29.5	0.0	59.8	146.3	146.3	15.59	15.20	-11.82	-11.82	-20.04
GEW-078R	12/18/2019 8:31:15 AM	10.6	29.3	0.0	60.1	147.5	146.3	16.29	16.30	-12.16	-12.16	-19.96
GEW-078R	12/18/2019 8:32:07 AM	10.3	29.2	0.0	60.5	147.3	147.3	16.11	15.79	-12.16	-12.16	-19.75
GEW-082R	12/11/2019 9:54:52 AM	12.4	35.8	0.1	51.7	172.1	172.6	2.96	3.41	-4.64	-4.63	-19.41
GEW-082R	12/11/2019 9:55:59 AM	11.9	36.2	0.0	51.9	172.1	171.6	2.61	2.96	-4.62	-4.62	-19.45
GEW-082R	12/18/2019 8:42:30 AM	11.8	37.0	0.0	51.2	171.0	168.1	2.48	2.67	-4.47	-4.47	-20.00
GEW-082R	12/18/2019 8:43:43 AM	11.5	37.7	0.0	50.8	171.0	170.5	2.05	1.50	-4.54	-4.56	-20.21
GEW-086	12/2/2019 2:01:17 PM	10.1	22.5	9.8	57.6	124.7	124.0	12.08	12.09	-0.82	-0.82	-18.56
GEW-086	12/2/2019 2:06:45 PM	10.1	21.7	10.3	57.9	135.3	134.4	10.93	11.05	-0.97	-0.99	-18.35
GEW-086	12/12/2019 2:30:54 PM	13.4	35.5	4.1	47.0	182.7	182.5	15.48	15.51	-0.10	-0.10	-18.69
GEW-086	12/12/2019 2:33:32 PM	12.4	38.1	3.6	45.9	180.9	181.1	13.82	13.68	-0.04	-0.04	-18.31
GEW-086	12/13/2019 1:47:17 PM	13.4	27.6	5.8	53.2	164.8	165.2	15.93	15.24	-0.28	-0.28	-18.05
GEW-086	12/13/2019 3:26:29 PM	12.4	26.7	7.8	53.1	157.3	156.9	16.78	14.97	-0.37	-0.36	-18.60
GEW-086	12/13/2019 3:50:26 PM	12.8	25.3	8.2	53.7	154.9	154.4	16.11	15.18	-0.19	-0.19	-18.52
GEW-086	12/16/2019 9:10:52 AM	4.2	53.2	0.0	42.6	187.0	186.9	14.85	13.82	0.08	0.08	-19.87
GEW-086	12/16/2019 9:12:52 AM	4.2	55.0	0.0	40.8	188.9	190.2	16.01	15.90	-0.01	-0.02	-19.83
GEW-087	12/6/2019 3:04:12 PM	12.4	43.8	4.6	39.2	187.6	187.6	10.91	10.53	-6.42	-6.42	-19.07
GEW-087	12/6/2019 3:05:18 PM	12.6	44.4	4.5	38.5	187.6	187.0	9.18	10.18	-6.42	-6.42	-19.45
GEW-087	12/17/2019 1:40:58 PM	13.5	41.5	4.3	40.7	182.7	182.7	8.47	7.04	-7.68	-7.68	-18.39
GEW-087	12/17/2019 1:42:32 PM	14.2	42.8	4.0	39.0	182.7	182.7	8.22	7.13	-6.33	-6.33	-18.27
GEW-088	12/2/2019 1:53:38 PM	1.9	43.6	2.4	52.1	180.9	178.6	77.85	72.95	-1.39	-1.39	-18.18
GEW-088	12/2/2019 1:55:07 PM	1.8	43.1	2.5	52.6	180.9	179.7	76.89	76.83	-1.37	-1.38	-18.10
GEW-088	12/16/2019 9:06:05 AM	2.2	39.3	3.6	54.9	179.8	179.2	92.18	92.21	-1.72	-1.72	-19.92
GEW-088	12/16/2019 9:07:04 AM	1.8	40.5	3.7	54.0	180.3	180.3	92.34	91.74	-1.73	-1.72	-19.79
GEW-090	12/2/2019 2:50:23 PM	13.6	48.3	0.9	37.2	194.3	194.3	2.70	2.86	-4.44	-4.46	-18.01
GEW-090	12/2/2019 2:51:25 PM	13.5	45.7	0.9	39.9	194.3	194.3	1.35	1.91	-4.53	-4.53	-17.89
GEW-090	12/16/2019 9:30:03 AM	20.8	43.9	0.0	35.3	168.5	167.1	7.30	8.94	-17.94	-17.94	-20.04
GEW-090	12/16/2019 9:31:18 AM	21.4	43.0	0.0	35.6	168.5	168.1	9.10	9.16	-17.86	-17.86	-19.96
GEW-091	12/5/2019 10:31:58 AM	3.4	54.8	0.6	41.2	192.9	192.7	5.60	9.04	-11.10	-11.10	-18.77
GEW-091	12/5/2019 10:33:25 AM	3.1	53.6	0.6	42.7	192.9	191.6	15.57	13.41	-11.10	-11.10	-18.73
GEW-091	12/9/2019 10:59:12 AM	4.2	52.6	0.4	42.8	190.9	190.9	9.00	9.00	-14.10	-14.10	-19.15
GEW-091	12/9/2019 11:05:11 AM	4.5	54.3	0.0	41.2	190.3	190.2	8.09	8.25	-14.06	-14.06	-18.99
GEW-091	12/19/2019 8:27:39 AM	3.4	52.8	0.4	43.4	193.4	192.3	17.70	17.82	-11.78	-11.78	-20.00
GEW-091	12/19/2019 8:29:03 AM	3.2	50.5	0.4	45.9	193.6	193.5	16.96	16.98	-12.11	-12.11	-19.75
GEW-091	12/26/2019 3:04:53 PM	2.7	59.2	0.0	38.1	191.6	191.6	22.44	22.61	-10.99	-11.08	-18.41
GEW-091	12/26/2019 3:06:01 PM	2.8	60.7	0.0	36.5	192.1	191.8	22.34	22.34	-11.08	-11.08	-18.66
GEW-100	12/6/2019 2:11:23 PM	11.1	56.0	0.0	32.9	48.2	48.2	4.92	5.99	-19.25	-19.25	-20.13

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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-100	12/23/2019 10:56:51 AM	17.4	54.8	0.5	27.3	76.6	76.5	5.30	2.77	-15.45	-15.45	-19.28
GEW-101	12/6/2019 1:54:59 PM	33.3	47.8	2.9	16.0	59.4	59.4	2.81	3.06	-0.19	-0.18	-20.51
GEW-101	12/23/2019 11:04:44 AM	36.1	50.5	2.0	11.4	67.7	67.7	2.39	2.39	-0.07	-0.07	-19.66
GEW-102	12/3/2019 10:55:35 AM	24.7	42.4	4.5	28.4	48.2	48.2	2.38	2.38	-16.46	-16.46	-16.91
GEW-102	12/20/2019 8:28:55 AM	23.5	39.3	4.7	32.5	40.8	40.8	1.53	1.43	-10.43	-10.43	-18.90
GEW-104	12/3/2019 2:15:31 PM	26.9	41.6	0.0	31.5	137.1	137.1	8.80	9.31	-15.53	-15.53	-18.60
GEW-104	12/3/2019 2:16:31 PM	26.7	41.3	0.0	32.0	137.6	137.1	3.66	5.03	-15.53	-15.53	-18.60
GEW-104	12/17/2019 8:46:46 AM	26.0	38.2	0.0	35.8	53.4	53.5	5.92	4.60	-17.90	-17.90	-19.62
GEW-105	12/3/2019 9:33:27 AM	33.6	47.4	0.0	19.0	132.0	131.7	5.23	2.96	-7.34	-7.34	-15.90
GEW-105	12/3/2019 9:34:52 AM	33.3	48.1	0.0	18.6	131.7	132.3	3.79	3.79	-7.68	-7.68	-10.27
GEW-105	12/17/2019 9:03:17 AM	34.2	47.9	0.0	17.9	131.5	131.4	7.14	5.19	-7.30	-7.30	-19.15
GEW-105	12/17/2019 9:04:22 AM	34.2	47.3	0.0	18.5	132.3	131.6	4.95	3.71	-7.26	-7.26	-18.94
GEW-106	12/3/2019 9:07:43 AM	15.6	51.4	0.0	33.0	169.5	167.6	2.18	1.38	-11.06	-11.06	-18.14
GEW-106	12/3/2019 9:08:55 AM	16.3	51.1	0.0	32.6	168.7	168.1	0.98	3.09	-11.06	-11.06	-18.27
GEW-106	12/17/2019 8:57:49 AM	15.6	49.3	0.0	35.1	169.0	169.0	2.68	3.85	-11.14	-11.14	-19.62
GEW-106	12/17/2019 8:58:50 AM	15.9	48.7	0.0	35.4	169.5	169.3	1.53	1.17	-11.14	-11.14	-19.53
GEW-107	12/3/2019 8:44:17 AM	18.9	53.8	0.2	27.1	123.7	123.9	10.51	10.20	-2.57	-2.58	-18.27
GEW-107	12/19/2019 2:58:51 PM	21.0	52.4	0.3	26.3	145.6	145.6	6.24	3.17	-2.58	-2.57	-17.63
GEW-107	12/19/2019 2:59:43 PM	20.9	53.7	0.3	25.1	146.2	145.9	3.84	3.84	-2.57	-2.56	-17.97
GEW-108	12/5/2019 2:23:02 PM	39.8	47.6	0.0	12.6	144.1	144.1	1.01	0.86	-3.95	-3.95	-17.97
GEW-108	12/5/2019 2:24:09 PM	39.4	48.1	0.0	12.5	144.5	144.2	1.18	1.20	-3.97	-3.97	-18.56
GEW-108	12/9/2019 3:11:34 PM	26.5	50.7	0.0	22.8	175.8	175.8	9.35	12.14	-0.31	-0.34	-19.07
GEW-108	12/9/2019 3:17:24 PM	26.2	51.3	0.0	22.5	176.1	176.4	3.14	2.44	-0.18	-0.18	-19.20
GEW-108	12/19/2019 10:32:46 AM	30.1	48.1	0.0	21.8	170.5	171.0	1.58	1.58	-0.43	-0.45	-19.24
GEW-108	12/19/2019 10:33:35 AM	29.2	48.7	0.0	22.1	170.5	170.5	0.71	3.67	-0.40	-0.41	-19.53
GEW-108	12/26/2019 3:20:18 PM	27.4	52.0	0.0	20.6	182.1	182.5	3.95	2.79	0.01	0.01	-18.49
GEW-108	12/26/2019 3:21:54 PM	27.2	53.2	0.0	19.6	185.1	185.1	18.21	13.83	-0.93	-0.86	-18.66
GEW-109	12/5/2019 2:31:14 PM	40.6	40.7	0.8	17.9	103.0	102.5	5.55	5.62	-4.60	-4.60	-18.65
GEW-109	12/9/2019 3:31:10 PM	40.3	41.4	1.1	17.2	89.8	89.3	4.92	4.79	-5.66	-5.66	-19.15
GEW-109	12/9/2019 3:36:44 PM	40.6	39.4	1.3	18.7	89.3	89.2	4.37	3.57	-5.99	-5.99	-19.58
GEW-109	12/19/2019 10:39:38 AM	35.0	37.7	1.4	25.9	82.3	82.5	5.30	4.36	-6.71	-6.71	-19.20
GEW-109	12/26/2019 3:34:13 PM	39.6	39.4	0.9	20.1	104.3	104.0	2.72	5.97	-5.29	-5.33	-18.66
GEW-110	12/5/2019 9:34:11 AM	32.6	36.5	2.4	28.5	73.4	73.4	2.77	1.87	-0.50	-0.50	-19.70
GEW-110	12/5/2019 9:40:02 AM	33.1	36.6	2.0	28.3	73.7	73.8	5.34	4.65	-0.50	-0.50	-19.66
GEW-110	12/9/2019 10:40:20 AM	31.1	39.8	4.2	24.9	81.4	81.4	4.13	2.75	-0.42	-0.42	-19.03
GEW-110	12/19/2019 8:13:20 AM	30.7	37.5	4.4	27.4	60.2	60.2	2.84	2.27	-0.43	-0.43	-20.17
GEW-110	12/26/2019 2:26:49 PM	26.8	29.2	7.7	36.3	83.3	83.3	3.87	1.69	-0.44	-0.41	-18.58
GEW-110	12/26/2019 2:30:20 PM	32.4	32.9	4.9	29.8	94.6	85.4	1.17	1.35	-0.39	-0.35	-18.37
GEW-113	12/9/2019 8:39:36 AM	10.2	53.1	2.4	34.3	170.4	170.2	9.28	9.49	-1.38	-1.37	-19.03
GEW-113	12/9/2019 8:40:37 AM	9.9	52.2	2.4	35.5	170.0	170.0	9.55	9.44	-1.38	-1.37	-18.65

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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-113	12/17/2019 2:03:03 PM	10.8	50.9	2.8	35.5	170.0	170.0	9.54	9.54	-1.44	-1.44	-18.01
GEW-113	12/17/2019 2:04:20 PM	10.8	52.1	2.8	34.3	170.0	169.8	9.80	9.75	-1.44	-1.43	-18.10
GEW-116	12/9/2019 9:42:30 AM	23.4	53.9	0.7	22.0	165.2	165.2	12.94	16.01	-1.29	-1.30	-16.58
GEW-116	12/9/2019 9:43:32 AM	23.9	53.8	0.7	21.6	165.2	165.2	13.59	13.74	-1.29	-1.29	-16.70
GEW-116	12/17/2019 2:33:43 PM	21.1	46.0	2.3	30.6	164.4	164.3	13.69	13.81	-1.81	-1.82	-10.19
GEW-116	12/17/2019 2:34:52 PM	21.0	46.0	2.3	30.7	164.3	164.3	13.77	13.09	-1.76	-1.76	-10.40
GEW-117	12/4/2019 8:50:38 AM	34.5	58.4	0.0	7.1	160.7	160.7	11.31	10.70	-16.03	-15.90	-20.30
GEW-117	12/4/2019 8:51:55 AM	33.8	58.5	0.0	7.7	160.2	160.7	11.15	11.48	-16.03	-15.98	-20.13
GEW-117	12/10/2019 3:08:18 PM	34.5	61.2	0.0	4.3	163.4	163.3	9.89	8.14	-14.88	-14.88	-18.45
GEW-117	12/10/2019 3:09:31 PM	34.1	61.5	0.0	4.4	163.8	163.4	10.08	10.08	-14.88	-14.88	-18.32
GEW-117	12/17/2019 10:14:58 AM	39.6	52.9	0.0	7.5	146.6	142.5	2.92	4.30	-16.55	-16.55	-19.70
GEW-117	12/17/2019 10:15:50 AM	39.3	52.0	0.0	8.7	146.2	146.1	0.67	3.94	-16.55	-16.55	-19.53
GEW-117	12/18/2019 10:28:04 AM	37.4	62.3	0.0	0.3	149.5	149.7	13.29	12.86	-16.91	-17.17	-19.76
GEW-117	12/18/2019 10:29:19 AM	38.0	59.2	0.0	2.8	149.3	149.5	9.13	9.13	-16.58	-16.58	-19.97
GEW-117	12/26/2019 8:14:18 AM	33.2	60.9	0.0	5.9	167.6	167.1	10.25	10.10	-15.01	-15.26	-19.67
GEW-117	12/26/2019 8:15:30 AM	33.4	60.8	0.0	5.8	167.4	167.1	10.06	8.59	-15.39	-15.31	-19.71
GEW-118	12/11/2019 10:04:19 AM	3.6	45.9	0.0	50.5	189.6	188.6	33.84	33.47	-6.42	-6.42	-19.62
GEW-118	12/11/2019 10:05:21 AM	3.2	47.8	0.0	49.0	192.3	192.3	35.16	35.27	-5.74	-5.74	-19.49
GEW-118	12/18/2019 8:53:21 AM	2.8	44.9	0.0	52.3	192.3	192.3	35.81	35.80	-6.08	-6.08	-19.92
GEW-118	12/18/2019 8:54:31 AM	2.6	46.0	0.0	51.4	193.6	193.5	36.24	36.78	-5.74	-5.74	-20.25
GEW-120	12/4/2019 8:44:25 AM	34.6	47.2	0.8	17.4	122.3	122.5	10.54	13.78	-4.81	-4.74	-20.22
GEW-120	12/10/2019 3:11:59 PM	34.0	48.5	1.1	16.4	117.9	117.7	9.82	15.46	-4.42	-4.42	-18.62
GEW-120	12/18/2019 10:33:22 AM	34.3	46.0	1.2	18.5	114.5	114.3	4.54	11.44	-4.15	-4.18	-19.76
GEW-120	12/26/2019 8:18:02 AM	39.7	50.3	0.2	9.8	117.6	117.5	11.15	12.40	-3.48	-3.50	-19.92
GEW-120	12/26/2019 8:19:23 AM	40.0	48.5	0.3	11.2	121.3	121.6	13.62	10.49	-5.07	-5.07	-19.59
GEW-121	12/11/2019 10:18:54 AM	24.9	52.7	0.0	22.4	139.9	139.9	3.62	4.55	-2.47	-2.49	-19.37
GEW-121	12/11/2019 10:19:46 AM	25.1	51.8	0.0	23.1	140.4	140.6	3.62	4.04	-2.47	-2.48	-19.07
GEW-121	12/17/2019 2:58:20 PM	27.4	51.2	0.0	21.4	150.2	149.5	4.76	4.66	-1.96	-1.97	-18.27
GEW-121	12/17/2019 2:59:17 PM	26.6	52.4	0.0	21.0	150.6	149.5	4.65	4.65	-1.97	-1.97	-18.56
GEW-122	12/11/2019 11:10:57 AM	35.6	35.3	0.0	29.1	97.4	97.2	13.37	13.30	-10.43	-10.43	-18.60
GEW-122	12/20/2019 10:40:19 AM	34.3	39.0	0.0	26.7	97.8	97.9	14.17	14.17	-10.68	-10.68	-18.94
GEW-123	12/11/2019 10:31:54 AM	26.0	51.6	0.0	22.4	65.1	65.2	2.39	2.92	-2.49	-2.49	-18.86
GEW-123	12/20/2019 10:29:51 AM	25.3	49.3	0.0	25.4	69.1	69.1	2.69	3.58	-2.69	-2.69	-18.94
GEW-124	12/11/2019 10:44:38 AM	7.1	9.6	18.6	64.7	60.3	60.7	3.59	1.69	-4.90	-4.89	-18.52
GEW-124	12/11/2019 10:46:31 AM	7.7	6.6	19.0	66.7	63.3	63.4	1.19	3.96	-3.97	-3.98	-18.90
GEW-124	12/17/2019 3:11:19 PM	11.8	11.8	17.1	59.3	54.2	54.4	2.58	2.58	-1.20	-1.21	-18.39
GEW-124	12/17/2019 3:12:22 PM	11.6	10.8	17.4	60.2	55.2	55.2	0.91	1.47	-1.20	-1.21	-18.56
GEW-125	12/4/2019 8:52:05 AM	34.0	57.1	0.0	8.9	55.5	55.5	4.73	4.57	-2.05	-2.05	-19.58
GEW-125	12/4/2019 8:53:34 AM	35.0	56.0	0.0	9.0	57.3	57.3	4.69	4.02	-4.42	-4.42	-19.70
GEW-125	12/20/2019 10:36:32 AM	42.2	54.2	0.0	3.6	57.2	57.2	4.42	4.42	-0.22	-0.22	-19.20

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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-126	12/6/2019 10:09:15 AM	21.2	52.6	1.8	24.4	42.5	42.5	8.79	10.53	-15.49	-15.49	-20.59
GEW-126	12/23/2019 10:19:07 AM	29.6	58.6	0.0	11.8	55.3	61.6	14.93	9.57	-13.30	-13.30	-18.94
GEW-127	12/6/2019 9:53:31 AM	8.7	35.6	8.3	47.4	81.5	81.6	21.54	21.63	-0.54	-0.54	-20.85
GEW-127	12/6/2019 9:54:46 AM	8.5	35.2	8.3	48.0	80.5	80.5	21.17	21.01	-0.51	-0.51	-20.63
GEW-127	12/13/2019 1:46:01 PM	3.3	22.2	7.4	67.1	74.1	74.0	18.25	18.67	-0.34	-0.34	-18.37
GEW-127	12/13/2019 1:47:41 PM	3.2	22.8	7.4	66.6	72.2	72.1	28.55	28.78	-0.09	-0.09	-18.41
GEW-127	12/17/2019 10:41:19 AM	10.6	50.3	2.5	36.6	52.9	52.8	26.18	26.33	-0.03	-0.03	-19.07
GEW-129	12/6/2019 11:42:15 AM	27.9	50.0	0.5	21.6	121.1	121.3	21.37	21.74	-5.74	-5.74	-20.55
GEW-129	12/23/2019 10:32:12 AM	29.6	49.3	0.3	20.8	140.9	140.6	20.61	20.55	-4.62	-4.63	-18.73
GEW-129	12/23/2019 10:33:11 AM	28.3	50.3	0.3	21.1	140.7	140.9	21.01	21.26	-4.67	-4.68	-19.07
GEW-130	12/6/2019 10:12:53 AM	21.5	47.4	0.0	31.1	153.7	153.3	8.52	8.64	-17.22	-17.22	-20.80
GEW-130	12/6/2019 10:14:14 AM	21.4	46.9	0.0	31.7	153.8	153.3	8.50	8.35	-17.64	-17.64	-20.85
GEW-130	12/17/2019 11:12:21 AM	20.9	48.4	0.0	30.7	157.7	156.9	8.00	9.81	-15.53	-15.53	-18.99
GEW-130	12/17/2019 11:13:23 AM	21.0	47.3	0.0	31.7	157.3	158.1	7.51	8.23	-15.87	-15.87	-19.03
GEW-131	12/6/2019 10:18:28 AM	44.2	45.2	0.0	10.6	111.9	111.0	3.55	4.15	-11.82	-11.82	-20.63
GEW-131	12/23/2019 10:22:34 AM	43.1	45.2	0.0	11.7	129.4	129.4	4.67	4.79	-9.58	-9.58	-18.94
GEW-132	12/11/2019 10:00:28 AM	14.6	28.8	2.9	53.7	117.6	118.6	4.74	5.54	-1.59	-1.60	-18.99
GEW-132	12/20/2019 10:26:43 AM	15.0	31.1	2.2	51.7	127.3	127.2	4.52	4.77	-1.40	-1.40	-18.99
GEW-133	12/4/2019 8:54:31 AM	10.3	38.8	0.0	50.9	69.5	69.5	18.43	14.95	-5.07	-5.07	-20.09
GEW-133	12/10/2019 1:54:49 PM	9.1	40.7	0.0	50.2	123.9	123.9	16.77	11.29	-3.53	-3.52	-18.79
GEW-133	12/18/2019 10:21:16 AM	8.5	36.4	0.0	55.1	92.4	92.4	16.10	16.18	-4.61	-4.60	-19.08
GEW-133	12/26/2019 8:11:45 AM	9.5	43.7	0.0	46.8	128.9	128.9	14.80	14.01	-3.07	-3.04	-19.76
GEW-134	12/9/2019 9:32:37 AM	9.9	43.5	0.1	46.5	63.3	63.3	0.76	2.22	-0.16	-0.16	-18.69
GEW-134	12/18/2019 11:32:43 AM	9.0	39.5	2.4	49.1	73.2	73.2	2.98	3.62	-0.34	-0.33	-19.21
GEW-135	12/9/2019 9:08:47 AM	6.0	51.3	0.0	42.7	107.7	108.7	28.78	29.15	-1.24	-1.26	-16.24
GEW-135	12/18/2019 11:27:09 AM	3.6	52.3	0.9	43.2	109.0	109.0	32.19	28.83	-1.33	-1.46	-18.20
GEW-137	12/10/2019 8:50:10 AM	35.5	40.2	0.0	24.3	29.7	29.7	5.24	4.91	-0.58	-0.57	-19.96
GEW-137	12/20/2019 10:23:37 AM	36.1	43.1	0.0	20.8	65.1	65.1	2.88	2.62	-3.10	-3.10	-19.28
GEW-138	12/10/2019 8:55:37 AM	3.5	14.0	8.2	74.3	28.6	28.6	1.00	2.38	-0.01	-0.01	-19.62
GEW-138	12/10/2019 8:56:28 AM	3.5	13.9	8.2	74.4	28.4	28.3	2.08	1.63	-0.01	-0.01	-20.30
GEW-138	12/13/2019 2:25:18 PM	14.9	32.3	0.6	52.2	59.7	59.8	2.99	2.44	-0.07	-0.07	-18.87
GEW-138	12/18/2019 8:35:21 AM	5.7	16.3	5.9	72.1	34.2	34.4	2.45	2.45	-0.11	-0.11	-19.75
GEW-138	12/18/2019 8:36:53 AM	5.8	14.4	6.0	73.8	34.1	33.9	0.70	1.66	-0.10	-0.10	-19.92
GEW-139	12/6/2019 10:43:08 AM	5.7	56.6	0.1	37.6	139.6	134.7	3.14	2.59	-2.05	-2.06	-20.80
GEW-139	12/6/2019 10:44:28 AM	5.7	56.5	0.0	37.8	141.5	139.6	2.95	1.81	-2.14	-2.14	-20.63
GEW-139	12/17/2019 11:08:25 AM	4.9	55.1	0.2	39.8	126.7	127.2	1.33	2.53	-1.07	-1.07	-18.73
GEW-140	12/6/2019 10:38:30 AM	17.4	41.6	0.0	41.0	115.8	115.8	7.86	6.66	-5.74	-5.74	-20.97
GEW-140	12/23/2019 11:28:51 AM	21.0	40.6	0.1	38.3	137.1	136.8	12.75	13.74	-4.35	-4.36	-19.37
GEW-140	12/23/2019 11:29:46 AM	21.0	39.9	0.0	39.1	137.4	137.4	12.88	13.37	-4.36	-4.37	-19.07
GEW-145	12/3/2019 10:51:23 AM	21.7	49.8	0.0	28.5	49.4	49.4	4.43	4.26	-2.72	-2.71	-18.52

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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-145	12/20/2019 8:35:55 AM	23.8	47.3	0.2	28.7	43.0	43.1	3.74	3.07	-5.32	-5.32	-20.08
GEW-147	12/9/2019 8:30:05 AM	15.5	43.1	3.5	37.9	141.5	141.5	23.09	23.05	-3.44	-3.44	-18.27
GEW-147	12/9/2019 8:32:18 AM	16.0	42.0	3.6	38.4	138.3	138.7	22.71	23.02	-3.08	-3.08	-18.69
GEW-147	12/17/2019 1:48:07 PM	14.9	39.2	4.6	41.3	150.8	150.5	85.31	81.22	-13.93	-13.93	-18.48
GEW-147	12/17/2019 1:50:40 PM	15.6	42.0	3.6	38.8	153.3	154.4	5.56	5.91	-1.65	-1.65	-18.31
GEW-148	12/6/2019 3:08:51 PM	17.3	53.9	0.0	28.8	151.3	151.0	4.96	9.25	-10.47	-10.47	-18.94
GEW-148	12/6/2019 3:09:55 PM	17.3	53.0	0.0	29.7	150.2	150.6	7.34	6.37	-10.47	-10.47	-18.65
GEW-148	12/17/2019 1:32:57 PM	21.7	52.0	0.0	26.3	116.0	117.6	4.67	7.20	-13.38	-13.38	-18.31
GEW-149	12/2/2019 11:01:26 AM	6.3	18.9	7.9	66.9	68.4	68.5	11.40	12.18	-0.62	-0.62	-18.90
GEW-149	12/2/2019 11:03:51 AM	6.4	18.6	7.9	67.1	68.7	68.6	11.70	10.95	-0.55	-0.55	-18.77
GEW-149	12/16/2019 9:35:00 AM	6.7	18.6	8.0	66.7	81.2	81.2	11.51	11.80	-0.65	-0.64	-20.08
GEW-149	12/16/2019 9:36:03 AM	6.7	18.1	8.0	67.2	76.9	76.8	6.53	7.23	-0.50	-0.51	-20.00
GEW-149	12/23/2019 2:45:08 PM	9.6	19.7	4.9	65.8	105.7	105.7	5.34	6.60	-0.29	-0.28	-18.91
GEW-150	12/3/2019 2:03:07 PM	32.6	46.4	0.3	20.7	154.4	147.0	4.58	6.72	-0.67	-0.68	-19.03
GEW-150	12/3/2019 2:04:18 PM	32.0	45.9	0.2	21.9	154.4	149.9	3.07	3.10	-0.67	-0.67	-18.94
GEW-150	12/17/2019 8:43:17 AM	31.9	45.2	0.7	22.2	116.9	116.9	3.52	2.77	-1.16	-1.15	-19.45
GEW-151	12/2/2019 1:49:31 PM	8.9	38.7	3.6	48.8	57.3	57.5	1.72	2.72	-0.52	-0.52	-17.84
GEW-151	12/19/2019 1:50:38 PM	9.9	36.5	4.5	49.1	87.0	87.5	0.77	2.69	-0.31	-0.30	-18.18
GEW-152	12/3/2019 8:48:36 AM	20.0	51.4	0.0	28.6	77.5	77.7	1.17	3.31	-1.59	-1.60	-18.27
GEW-152	12/19/2019 2:11:00 PM	20.1	48.8	0.1	31.0	94.1		1.64	NR	-1.94	NR	-17.72
GEW-153	12/3/2019 8:32:43 AM	27.3	29.9	0.0	42.8	82.1	82.1	1.63	3.82	-4.36	-4.36	-18.14
GEW-153	12/19/2019 2:00:57 PM	25.5	31.7	0.0	42.8	92.7	92.7	4.15	4.00	-4.66	-4.65	-18.48
GEW-156	12/3/2019 8:24:34 AM	32.5	42.0	0.0	25.5	86.5	86.5	3.19	3.74	-9.37	-9.37	-18.27
GEW-156	12/19/2019 2:55:04 PM	30.4	44.1	0.0	25.5	124.7	124.7	5.43	4.78	-9.16	-9.16	-18.05
GEW-157	12/3/2019 2:19:51 PM	35.2	45.6	0.0	19.2	72.8	72.7	4.50	5.57	-7.77	-7.77	-17.34
GEW-157	12/19/2019 2:51:47 PM	37.9	45.6	0.2	16.3	75.5	75.3	2.95	5.47	-9.16	-9.16	-17.46
GEW-158	12/3/2019 9:13:37 AM	25.0	48.1	0.0	26.9	75.7	75.7	4.84	2.35	-1.48	-1.48	-18.27
GEW-158	12/19/2019 2:24:40 PM	22.5	47.2	0.0	30.3	92.2	91.9	2.68	2.43	-1.47	-1.48	-17.93
GEW-159	12/5/2019 2:19:31 PM	30.4	34.2	3.6	31.8	102.1	101.9	7.51	6.91	-5.99	-5.99	-18.69
GEW-159	12/9/2019 3:02:28 PM	29.6	34.5	4.7	31.2	78.9	78.7	5.03	4.32	-5.07	-5.07	-18.99
GEW-159	12/9/2019 3:07:45 PM	30.6	32.6	4.7	32.1	80.3	80.3	5.75	6.30	-5.32	-5.32	-19.11
GEW-159	12/19/2019 10:29:54 AM	30.8	34.8	4.4	30.0	72.5	72.5	4.89	6.77	-4.88	-4.88	-19.28
GEW-159	12/26/2019 3:17:33 PM	31.8	35.3	4.5	28.4	96.1	96.2	6.18	7.57	-3.92	-3.92	-18.79
GEW-160	12/5/2019 10:28:19 AM	16.3	34.2	4.5	45.0	89.6	89.6	5.43	5.07	-9.84	-9.84	-18.65
GEW-160	12/9/2019 10:50:06 AM	15.7	33.9	5.3	45.1	72.6	72.7	3.95	2.49	-8.06	-8.06	-19.03
GEW-160	12/9/2019 10:55:51 AM	16.3	34.3	4.9	44.5	73.9	73.9	4.72	2.48	-8.06	-8.06	-19.24
GEW-160	12/19/2019 8:23:25 AM	14.9	33.3	5.1	46.7	65.8	66.0	10.40	10.40	-8.65	-8.65	-20.08
GEW-160	12/19/2019 8:24:27 AM	15.1	33.6	5.2	46.1	64.0	64.0	3.64	5.08	-7.77	-7.77	-20.21
GEW-160	12/26/2019 3:08:06 PM	15.4	35.3	4.9	44.4	92.8	92.9	4.22	1.13	-6.68	-6.68	-18.20
GEW-161	12/5/2019 10:08:17 AM	2.3	53.6	0.4	43.7	99.7	100.4	5.30	3.06	-3.33	-3.34	-18.94

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		(% vol)				°F		scfm		H ₂ O		
GEW-161	12/5/2019 10:24:17 AM	2.3	54.2	0.0	43.5	104.5	104.8	3.23	3.41	-3.41	-3.40	-18.90
GEW-161	12/9/2019 10:46:29 AM	2.0	56.0	0.0	42.0	81.4	81.5	2.13	3.15	-2.48	-2.49	-18.99
GEW-161	12/19/2019 8:19:43 AM	4.3	53.3	0.0	42.4	65.1	65.2	1.88	1.46	-3.37	-3.38	-19.96
GEW-161	12/26/2019 2:57:35 PM	2.0	58.4	0.0	39.6	106.9	106.9	3.85	5.44	-2.79	-2.81	-18.24
GEW-162	12/5/2019 9:45:26 AM	14.1	60.3	0.0	25.6	69.3	69.0	2.97	2.92	-3.11	-3.11	-19.62
GEW-162	12/5/2019 9:51:40 AM	14.1	59.2	0.0	26.7	67.7	67.7	3.84	3.65	-3.16	-3.16	-18.99
GEW-162	12/9/2019 10:43:24 AM	15.6	62.2	0.0	22.2	60.6	60.6	4.72	4.24	-2.89	-2.90	-19.03
GEW-162	12/19/2019 8:16:44 AM	16.2	59.5	0.0	24.3	42.1	42.2	0.88	2.64	-3.03	-3.04	-20.30
GEW-162	12/26/2019 2:52:42 PM	14.4	68.2	0.0	17.4	80.6	80.6	5.21	4.03	-2.89	-2.85	-18.74
GEW-163	12/11/2019 10:27:08 AM	25.8	52.7	0.1	21.4	145.9	146.3	6.90	5.97	-5.40	-5.40	-18.90
GEW-163	12/11/2019 10:28:22 AM	26.0	52.5	0.1	21.4	146.3	146.0	1.54	0.77	-5.40	-5.40	-18.90
GEW-163	12/17/2019 3:03:21 PM	24.7	48.4	0.2	26.7	137.4	137.7	5.83	10.33	-5.36	-5.36	-18.35
GEW-163	12/17/2019 3:04:23 PM	24.6	48.6	0.2	26.6	137.7	137.7	2.98	4.59	-5.32	-5.32	-18.73
GEW-164	12/11/2019 10:37:10 AM	31.7	49.1	0.0	19.2	147.7	147.3	19.84	21.61	-0.65	-0.65	-17.93
GEW-164	12/11/2019 10:40:22 AM	32.5	48.0	0.0	19.5	148.0	148.4	26.70	25.88	-0.92	-0.92	-18.65
GEW-164	12/17/2019 3:07:31 PM	30.4	47.4	0.0	22.2	150.6	150.2	24.04	25.62	-0.89	-0.88	-17.34
GEW-164	12/17/2019 3:08:23 PM	30.6	47.3	0.0	22.1	150.6	150.6	27.85	22.76	-0.90	-0.90	-17.51
GEW-165	12/4/2019 8:57:15 AM	17.6	48.7	3.5	30.2	149.1	148.4	9.80	10.40	-0.39	-0.38	-19.66
GEW-165	12/4/2019 8:58:46 AM	17.1	49.2	3.5	30.2	148.4	148.4	13.45	13.22	-0.40	-0.40	-19.58
GEW-165	12/17/2019 10:21:39 AM	17.3	42.2	5.4	35.1	143.8	143.4	14.33	11.21	-0.40	-0.40	-19.24
GEW-165	12/17/2019 10:22:44 AM	16.9	42.6	5.4	35.1	143.1	142.9	5.46	5.21	-0.41	-0.42	-19.41
GEW-165	12/30/2019 10:45:01 AM	17.7	45.0	4.9	32.4	142.5	142.5	11.71	11.71	-0.37	-0.37	-19.88
GEW-165	12/30/2019 10:46:10 AM	17.4	46.1	4.8	31.7	142.5	142.9	11.16	9.33	-0.40	-0.43	-20.01
GEW-166	12/4/2019 8:46:30 AM	3.0	57.3	0.0	39.7	182.7	180.9	19.15	16.16	-3.11	-3.11	-19.53
GEW-166	12/4/2019 8:48:08 AM	2.7	58.8	0.0	38.5	184.5	183.9	28.16	23.79	-7.64	-7.64	-19.79
GEW-166	12/17/2019 10:27:10 AM	7.4	56.3	0.0	36.3	173.6	173.3	22.36	20.96	-10.81	-10.81	-19.28
GEW-166	12/17/2019 10:28:32 AM	7.4	56.4	0.0	36.2	173.6	173.1	20.84	23.56	-11.10	-11.10	-19.11
GEW-167	12/11/2019 11:13:46 AM	9.8	47.8	0.0	42.4	145.9	145.6	2.51	3.24	-7.09	-7.05	-19.07
GEW-167	12/11/2019 11:14:43 AM	9.4	48.8	0.0	41.8	145.9	145.9	3.07	1.02	-7.09	-7.09	-19.03
GEW-167	12/17/2019 3:19:57 PM	9.2	48.4	0.0	42.4	146.3	146.3	1.63	2.18	-6.37	-6.37	-18.65
GEW-167	12/17/2019 3:20:49 PM	9.0	48.5	0.0	42.5	145.9	145.6	2.62	2.19	-6.33	-6.33	-18.39
GEW-168	12/6/2019 10:03:57 AM	31.3	51.9	0.7	16.1	128.6	128.5	5.04	5.05	-3.76	-3.75	-20.38
GEW-168	12/23/2019 10:09:32 AM	31.3	52.3	0.4	16.0	133.5	133.5	4.34	5.61	-2.63	-2.63	-18.90
GEW-168	12/23/2019 10:10:32 AM	31.6	51.5	0.4	16.5	133.8	133.5	5.60	7.52	-2.63	-2.63	-18.82
GEW-169	12/6/2019 9:59:48 AM	9.7	45.3	3.5	41.5	91.7	91.5	10.51	7.18	-0.09	-0.09	-20.97
GEW-169	12/23/2019 10:06:21 AM	11.5	50.3	0.9	37.3	117.6	117.6	9.35	9.35	-0.03	-0.03	-18.99
GEW-170	12/6/2019 9:48:44 AM	12.5	40.0	5.7	41.8	124.2	123.9	8.49	8.87	-0.55	-0.55	-20.59
GEW-170	12/6/2019 9:49:57 AM	12.4	40.6	5.6	41.4	124.2	124.2	7.24	8.10	-0.58	-0.59	-20.55
GEW-170	12/13/2019 8:15:51 AM	10.0	53.6	1.6	34.8	129.0	128.9	5.11	6.76	-0.20	-0.20	-19.63
GEW-170	12/17/2019 10:44:57 AM	11.5	45.1	4.3	39.1	122.6	122.9	6.57	7.06	-0.30	-0.30	-18.90

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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-171	12/6/2019 10:54:11 AM	19.4	52.2	1.9	26.5	43.4	43.4	4.11	4.29	-4.54	-4.52	-13.87
GEW-171	12/23/2019 11:24:25 AM	14.4	50.7	2.7	32.2	66.0	66.1	2.38	2.38	-2.89	-2.88	-10.82
GEW-172	12/6/2019 11:14:27 AM	19.5	45.6	1.8	33.1	147.1	146.3	3.43	2.42	-7.09	-7.09	-12.64
GEW-172	12/6/2019 11:15:33 AM	19.4	46.9	1.8	31.9	146.3	146.6	4.85	4.03	-7.09	-7.09	-13.95
GEW-172	12/17/2019 11:39:53 AM	18.7	47.5	1.7	32.1	145.9	146.3	1.64	3.82	-5.07	-5.07	-9.81
GEW-172	12/17/2019 11:40:54 AM	18.2	47.0	1.5	33.3	147.0	147.5	4.53	2.93	-5.07	-5.07	-10.02
GEW-174	12/6/2019 10:34:33 AM	15.7	37.8	0.0	46.5	121.0	121.5	17.57	13.05	-2.47	-2.46	-20.30
GEW-174	12/23/2019 11:17:46 AM	18.7	42.4	0.0	38.9	129.5	129.2	7.60	7.21	-1.42	-1.42	-17.04
GEW-175	12/3/2019 11:29:58 AM	25.1	37.9	3.4	33.6	145.6	145.4	34.07	33.07	-0.17	-0.17	-18.27
GEW-175	12/3/2019 11:31:06 AM	24.6	38.2	3.4	33.8	145.2	145.3	34.92	34.36	-0.17	-0.18	-18.39
GEW-175	12/17/2019 8:38:29 AM	23.8	36.0	4.4	35.8	143.6	144.2	36.15	33.68	-0.20	-0.21	-17.25
GEW-175	12/17/2019 8:39:20 AM	23.8	35.5	4.4	36.3	144.0	144.5	35.95	33.54	-0.20	-0.20	-17.59
GEW-176	12/3/2019 11:41:53 AM	29.8	32.5	4.2	33.5	51.6	51.6	3.90	4.09	-0.06	-0.06	-18.18
GEW-176	12/19/2019 2:38:22 PM	30.4	29.5	5.1	35.0	84.9	60.0	2.18	2.73	-0.11	-0.11	-17.93
GEW-176	12/19/2019 2:40:58 PM	30.4	29.6	5.0	35.0	61.8	102.1	0.90	2.58	-0.11	-0.11	-17.97
GEW-177	12/6/2019 11:46:01 AM	11.8	51.1	0.1	37.0	170.5	170.5	3.93	7.86	-18.24	-18.24	-20.55
GEW-177	12/6/2019 11:47:01 AM	10.8	50.5	0.1	38.6	170.5	170.5	13.98	8.06	-18.57	-18.57	-20.63
GEW-177	12/17/2019 10:57:21 AM	10.9	50.6	0.0	38.5	169.5	169.0	12.38	9.53	-16.88	-16.88	-19.11
GEW-177	12/17/2019 10:58:58 AM	10.8	50.5	0.0	38.7	169.5	170.0	8.96	7.19	-16.88	-16.88	-18.99
GEW-178	12/3/2019 11:21:22 AM	25.8	32.0	4.7	37.5	69.8	69.8	7.12	6.72	-1.03	-1.03	-18.52
GEW-178	12/20/2019 8:15:33 AM	24.2	26.5	6.3	43.0	74.3	74.5	9.83	11.45	-1.56	-1.57	-20.34
GEW-178	12/20/2019 8:16:57 AM	24.0	27.2	5.9	42.9	73.6	73.4	6.96	7.44	-1.01	-1.00	-20.51
GEW-179	12/3/2019 11:01:55 AM	39.1	54.9	0.0	6.0	64.7	64.7	1.70	4.49	-0.36	-0.36	-18.35
GEW-179	12/20/2019 8:32:03 AM	38.8	51.0	0.0	10.2	67.9	68.0	1.75	2.63	-0.46	-0.46	-19.96
GEW-180	12/6/2019 1:49:32 PM	30.5	53.2	0.5	15.8	81.4	81.5	11.72	12.20	-8.19	-8.19	-19.75
GEW-180	12/23/2019 2:17:18 PM	30.6	55.8	0.6	13.0	99.9	100.1	13.85	12.60	-6.88	-6.88	-18.27
GEW-181	12/6/2019 2:03:04 PM	28.7	61.1	0.0	10.2	79.6	79.6	12.37	10.70	-12.83	-12.83	-20.80
GEW-181	12/23/2019 2:13:30 PM	27.8	61.4	0.0	10.8	102.8	102.8	14.07	12.82	-9.84	-9.84	-18.48
GEW-185	12/4/2019 8:39:40 AM	30.8	47.5	0.0	21.7	115.1	115.0	12.92	10.14	-0.89	-0.85	-20.26
GEW-185	12/4/2019 8:41:21 AM	29.8	48.8	0.0	21.4	122.6	122.6	6.77	4.20	-1.73	-1.74	-20.47
GEW-185	12/10/2019 3:18:42 PM	28.7	45.9	0.8	24.6	126.4	126.3	6.09	5.70	-1.33	-1.33	-19.29
GEW-185	12/10/2019 3:20:26 PM	27.7	47.3	0.7	24.3	131.4	131.4	6.49	3.37	-2.05	-2.07	-19.04
GEW-185	12/10/2019 3:21:45 PM	27.4	47.4	0.7	24.5	132.3	132.3	6.90	8.11	-2.06	-2.05	-18.83
GEW-185	12/17/2019 2:52:45 PM	29.9	45.8	0.7	23.6	129.4	129.4	3.54	3.44	-1.44	-1.42	-18.65
GEW-186	12/6/2019 9:42:51 AM	16.3	18.8	11.9	53.0	68.8	68.8	3.95	2.38	-0.14	-0.14	-20.47
GEW-186	12/6/2019 9:44:40 AM	16.1	19.6	11.8	52.5	64.5	64.5	1.70	2.40	-0.10	-0.10	-20.55
GEW-186	12/13/2019 1:52:10 PM	40.6	48.6	0.3	10.5	82.4	82.4	3.87	3.09	-0.11	-0.12	-18.41
GEW-186	12/17/2019 10:47:54 AM	16.5	26.2	10.7	46.6	80.0	80.8	4.44	3.58	-0.12	-0.12	-18.99
GEW-186	12/17/2019 10:48:56 AM	17.2	25.1	10.8	46.9	80.5	80.5	3.77	2.96	-0.12	-0.12	-18.94
GEW-187	12/5/2019 2:27:28 PM	41.3	53.1	0.0	5.6	120.7	121.0	5.93	6.67	-1.98	-1.98	-17.93

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		(% vol)				°F		scfm		H ₂ O		
GEW-187	12/9/2019 3:21:13 PM	39.0	53.8	0.0	7.2	113.4	113.7	6.65	5.24	-2.10	-2.10	-19.15
GEW-187	12/9/2019 3:26:39 PM	39.2	52.4	0.0	8.4	113.0	113.0	6.19	7.74	-2.10	-2.10	-19.53
GEW-187	12/19/2019 10:36:28 AM	40.0	52.4	0.0	7.6	108.7	109.0	6.93	7.60	-2.11	-2.11	-19.24
GEW-187	12/26/2019 3:24:09 PM	39.3	55.6	0.0	5.1	120.4	120.2	8.56	9.28	-2.05	-2.03	-18.79
GEW-217	12/3/2019 2:28:16 PM	14.9	51.6	0.0	33.5	93.0	93.1	10.32	7.58	-16.55	-16.55	-18.27
GEW-217	12/20/2019 8:42:34 AM	12.7	56.3	0.0	31.0	186.4	183.9	2.58	1.72	-5.02	-5.02	-18.31
GEW-217	12/20/2019 8:44:08 AM	12.2	56.6	0.0	31.2	185.1	185.7	1.31	2.39	-5.02	-5.02	-18.27
GEW-218	12/3/2019 10:38:53 AM	20.1	37.4	2.5	40.0	107.3	107.3	12.35	12.79	-0.89	-0.88	-18.22
GEW-218	12/20/2019 8:38:51 AM	16.3	36.4	3.9	43.4	109.7	110.2	12.73	12.67	-1.02	-1.01	-20.13
GEW-219	12/3/2019 2:36:17 PM	4.5	22.6	8.3	64.6	169.0	169.0	7.58	7.47	-0.13	-0.14	-18.14
GEW-219	12/3/2019 2:37:32 PM	4.4	22.6	8.4	64.6	166.6	165.2	1.74	3.49	-0.08	-0.09	-18.39
GEW-219	12/13/2019 2:02:48 PM	3.9	23.4	10.2	62.5	175.3	175.3	4.11	5.18	-0.05	-0.05	-18.37
GEW-219	12/13/2019 3:04:06 PM	3.5	37.5	5.3	53.7	147.7	148.0	3.30	4.89	-0.01	-0.01	-18.37
GEW-219	12/16/2019 9:33:54 AM	1.8	34.3	9.9	54.0	174.9	175.3	4.99	2.82	-0.01	-0.01	-20.22
GEW-219	12/16/2019 9:35:04 AM	1.8	33.5	10.0	54.7	174.7	176.0	3.99	3.45	-0.02	-0.02	-20.35
GEW-220	12/3/2019 10:44:41 AM	18.9	41.4	3.3	36.4	157.7	156.0	11.01	10.95	-1.17	-1.17	-17.76
GEW-220	12/3/2019 10:46:16 AM	18.5	41.8	3.3	36.4	158.1	157.9	10.94	10.95	-1.05	-1.06	-18.52
GEW-220	12/17/2019 9:21:53 AM	8.0	54.6	0.6	36.8	181.6	182.1	8.53	8.75	-0.27	-0.28	-19.41
GEW-220	12/17/2019 9:23:22 AM	7.8	53.8	0.5	37.9	181.9	181.5	9.21	9.18	-0.27	-0.28	-19.03
GEW-221	12/6/2019 2:21:39 PM	25.1	53.8	0.0	21.1	73.2	73.3	1.79	4.15	-5.74	-5.74	-20.00
GEW-221	12/23/2019 11:13:30 AM	22.0	52.3	0.2	25.5	96.2	96.3	3.37	3.18	-3.36	-3.36	-16.03
GEW-222	12/6/2019 10:49:03 AM	29.8	49.7	0.0	20.5	104.4	104.5	2.68	3.94	-8.53	-8.53	-20.80
GEW-222	12/23/2019 11:21:08 AM	38.3	44.3	0.0	17.4	104.8	104.8	5.26	3.10	-7.22	-7.22	-19.58
GEW-223	12/6/2019 11:10:48 AM	24.2	57.1	0.2	18.5	97.7	97.7	6.25	6.05	-2.66	-2.66	-19.41
GEW-223	12/23/2019 10:45:24 AM	22.7	59.0	0.0	18.3	129.4	129.7	4.39	1.66	-2.37	-2.37	-19.87
GEW-224	12/6/2019 11:24:33 AM	28.4	58.2	0.0	13.4	170.0	169.9	11.62	11.46	-13.17	-13.17	-18.10
GEW-224	12/6/2019 11:25:35 AM	27.8	58.5	0.0	13.7	169.8	170.0	11.87	10.26	-13.17	-13.17	-18.99
GEW-224	12/17/2019 11:03:07 AM	28.0	58.8	0.0	13.2	171.0	170.5	11.27	11.36	-11.48	-11.48	-15.77
GEW-224	12/17/2019 11:04:07 AM	28.5	57.1	0.0	14.4	170.5	171.0	10.93	10.02	-11.40	-11.40	-15.77
GEW-225	12/6/2019 11:21:06 AM	22.3	46.0	2.2	29.5	112.5	112.4	5.38	5.49	-9.12	-9.12	-21.10
GEW-225	12/27/2019 11:30:55 AM	0.4	58.7	0.4	40.5	123.3	126.4	4.02	4.03	-1.06	-1.05	-19.53
GEW-226	12/6/2019 10:23:33 AM	9.0	39.4	0.0	51.6	179.2	178.0	12.11	12.31	-1.75	-1.77	-20.93
GEW-226	12/6/2019 10:24:27 AM	8.5	39.9	0.0	51.6	179.2	178.2	12.11	12.94	-1.80	-1.80	-21.18
GEW-226	12/17/2019 11:29:12 AM	8.0	41.0	0.0	51.0	183.9	183.3	12.86	12.86	-1.16	-1.16	-19.32
GEW-226	12/17/2019 11:30:04 AM	7.6	41.3	0.0	51.1	183.9	183.9	12.49	12.14	-1.18	-1.18	-19.15
GEW-227	12/9/2019 9:12:31 AM	6.1	52.7	0.2	41.0	198.3	198.6	8.34	8.56	0.03	0.03	-19.03
GEW-227	12/9/2019 9:14:15 AM	6.1	53.2	0.2	40.5	198.6	198.7	11.23	11.19	-0.02	-0.02	-18.69
GEW-227	12/17/2019 2:25:56 PM	9.8	36.9	4.1	49.2	188.3	188.3	12.35	11.76	-0.46	-0.47	-17.97
GEW-227	12/17/2019 2:27:36 PM	9.1	37.5	4.0	49.4	188.3	188.3	16.36	15.62	-0.41	-0.40	-18.31
GEW-228	12/2/2019 9:47:39 AM	3.7	19.4	11.0	65.9	151.8	151.7	12.54	12.55	-0.49	-0.50	-19.11

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		(% vol)				°F		scfm		H ₂ O		
GEW-228	12/2/2019 9:49:07 AM	3.7	19.5	11.1	65.7	152.5	152.6	10.78	9.78	-0.22	-0.22	-18.94
GEW-228	12/13/2019 8:56:10 AM	5.7	38.1	2.3	53.9	196.4	196.4	5.95	6.62	0.05	0.05	-19.59
GEW-228	12/13/2019 8:58:11 AM	5.2	40.7	2.3	51.8	197.2	197.2	8.01	8.13	-0.02	-0.02	-19.76
GEW-228	12/16/2019 8:32:19 AM	4.8	24.2	5.7	65.3	188.9	188.4	8.83	8.66	-0.07	-0.07	-19.53
GEW-228	12/16/2019 8:33:31 AM	4.6	23.3	5.7	66.4	188.9	188.9	10.51	10.28	-0.08	-0.07	-19.62
GEW-229	12/11/2019 11:20:10 AM	1.4	14.8	9.2	74.6	95.3	95.3	7.95	7.36	-0.01	-0.02	-18.65
GEW-229	12/11/2019 11:21:11 AM	1.4	13.5	9.4	75.7	95.2	95.0	7.18	8.43	-0.03	-0.03	-18.99
GEW-229	12/13/2019 9:03:47 AM	2.5	17.6	7.3	72.6	103.3	103.4	9.48	5.28	-0.04	-0.04	-19.84
GEW-229	12/13/2019 1:41:35 PM	7.8	21.1	4.5	66.6	102.5	102.4	3.90	3.90	-0.01	-0.01	-18.91
GEW-229	12/18/2019 8:16:44 AM	1.3	10.7	6.4	81.6	70.0	70.0	3.08	4.86	-0.05	-0.05	-19.20
GEW-229	12/18/2019 8:17:38 AM	1.2	12.2	6.3	80.3	70.0	70.1	3.89	4.24	-0.05	-0.06	-19.83
GEW-230	12/2/2019 1:38:07 PM	2.5	13.4	13.5	70.6	163.0	163.3	6.64	7.51	-0.04	-0.04	-18.05
GEW-230	12/2/2019 1:39:09 PM	2.3	13.7	13.5	70.5	163.3	162.9	6.63	5.82	-0.07	-0.07	-18.27
GEW-230	12/12/2019 11:10:19 AM	3.3	15.3	12.2	69.2	159.6	159.1	6.80	6.88	-0.08	-0.08	-19.07
GEW-230	12/12/2019 1:46:30 PM	6.0	21.6	8.5	63.9	156.0	155.8	6.62	6.24	-0.08	-0.08	-18.90
GEW-230	12/13/2019 8:58:19 AM	3.3	13.3	14.0	69.4	144.2	144.2	7.29	9.22	-0.14	-0.13	-19.58
GEW-230	12/13/2019 9:36:22 AM	3.4	13.8	12.4	70.4	149.1	148.7	7.30	10.57	-0.15	-0.15	-19.70
GEW-230	12/13/2019 3:03:02 PM	6.4	25.7	7.3	60.6	167.6	167.1	8.59	7.32	-0.08	-0.08	-18.27
GEW-230	12/16/2019 9:16:28 AM	1.1	15.2	13.2	70.5	159.4	159.0	7.05	7.34	-0.05	-0.05	-19.96
GEW-230	12/16/2019 9:17:18 AM	1.1	13.6	13.4	71.9	159.4	159.0	6.67	6.43	-0.06	-0.05	-20.00
GEW-231	12/6/2019 11:37:24 AM	10.7	26.6	11.0	51.7	118.9	119.4	6.16	6.44	-0.04	-0.04	-21.06
GEW-231	12/6/2019 11:38:13 AM	10.3	26.1	11.1	52.5	118.6	118.4	6.35	5.11	-0.05	-0.05	-20.80
GEW-231	12/17/2019 10:52:23 AM	10.2	25.4	11.6	52.8	108.2	108.5	5.92	6.32	-0.07	-0.07	-19.24
GEW-231	12/17/2019 10:53:31 AM	10.1	25.7	11.6	52.6	109.7	110.0	6.68	7.29	-0.07	-0.07	-19.20
GEW-232	12/6/2019 3:13:38 PM	30.1	53.6	0.7	15.6	79.8	79.9	3.23	2.51	-0.70	-0.70	-18.77
GEW-232	12/20/2019 10:04:15 AM	31.1	50.9	0.3	17.7	71.6	72.0	2.10	2.41	-0.65	-0.66	-19.41
GEW-233	12/9/2019 9:19:55 AM	0.8	44.6	2.4	52.2	54.7	54.6	1.97	1.67	-18.49	-18.49	-18.60
GEW-233	12/18/2019 11:29:21 AM	4.8	57.6	0.0	37.6	48.2	48.2	4.24	6.36	-2.62	-2.61	-19.59
GEW-234	12/11/2019 10:09:31 AM	8.5	33.6	3.7	54.2	190.2	190.2	12.57	12.49	-1.31	-1.32	-19.49
GEW-234	12/11/2019 10:10:28 AM	8.6	32.4	3.8	55.2	190.2	190.2	12.27	11.68	-1.28	-1.28	-19.66
GEW-234	12/18/2019 8:47:01 AM	5.5	29.6	7.5	57.4	191.7	191.3	10.56	11.04	-0.93	-0.93	-20.25
GEW-234	12/18/2019 8:49:45 AM	5.1	28.6	7.8	58.5	190.2	190.9	10.56	10.55	-0.91	-0.91	-20.08
GEW-235	12/11/2019 10:23:23 AM	22.0	51.6	0.0	26.4	123.7	124.0	3.03	4.28	-3.44	-3.45	-18.99
GEW-235	12/20/2019 10:32:35 AM	20.7	50.8	0.0	28.5	128.6	128.6	4.77	2.16	-3.44	-3.44	-19.03
GEW-236	12/10/2019 8:43:49 AM	3.0	22.8	11.0	63.2	195.0	195.0	5.98	6.14	-1.08	-1.09	-17.72
GEW-236	12/10/2019 8:46:16 AM	3.0	21.8	11.1	64.1	195.0	195.0	6.34	6.49	-0.98	-0.99	-16.58
GEW-236	12/12/2019 8:47:12 AM	2.1	21.3	11.2	65.4	195.7	195.7	18.76	18.76	-1.34	-1.32	-15.05
GEW-236	12/12/2019 10:35:00 AM	2.5	22.8	10.4	64.3	193.7	194.3	4.20	2.15	-0.13	-0.12	-19.37
GEW-236	12/12/2019 2:45:23 PM	2.6	51.3	0.0	46.1	201.6	201.7	3.94	3.84	-0.06	-0.06	-18.69
GEW-236	12/13/2019 8:31:42 AM	1.4	49.3	0.1	49.2	204.7	204.7	5.05	4.17	0.26	0.25	-18.56

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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-236	12/13/2019 9:27:33 AM	1.5	52.2	0.0	46.3	204.7	204.7	4.49	3.96	0.11	0.11	-18.14
GEW-236	12/13/2019 3:16:41 PM	1.7	51.2	0.0	47.1	204.7	204.7	7.59	7.51	-0.10	-0.11	-17.89
GEW-236	12/18/2019 8:23:24 AM	2.9	35.6	5.7	55.8	202.5	202.7	5.18	5.29	-0.38	-0.39	-19.79
GEW-236	12/18/2019 8:25:29 AM	2.9	36.0	5.6	55.5	202.4	202.5	5.15	4.59	-0.31	-0.32	-19.53
GEW-237	12/3/2019 11:35:22 AM	24.7	38.1	3.7	33.5	143.6	143.5	18.35	18.35	-0.45	-0.45	-17.34
GEW-237	12/3/2019 11:38:22 AM	24.6	37.9	3.7	33.8	143.6	143.2	21.67	19.75	-1.35	-1.35	-18.10
GEW-237	12/12/2019 2:41:13 PM	23.5	38.1	4.3	34.1	146.6	146.6	22.44	21.27	-1.18	-1.21	-17.31
GEW-237	12/12/2019 2:46:00 PM	23.5	38.6	4.2	33.7	147.3	147.4	17.48	17.48	-0.43	-0.43	-18.74
GEW-237	12/17/2019 9:08:26 AM	22.5	35.6	5.6	36.3	142.5	142.5	18.92	18.63	-0.46	-0.46	-17.72
GEW-237	12/17/2019 9:09:52 AM	22.2	35.1	5.7	37.0	142.5	142.2	17.54	18.25	-0.40	-0.40	-18.14
GEW-237	12/23/2019 2:50:45 PM	23.1	38.8	4.3	33.8	148.0	148.1	18.83	14.19	-0.37	-0.38	-17.65
GEW-237	12/23/2019 2:52:00 PM	23.3	39.0	4.3	33.4	147.9	148.0	15.41	17.89	-0.37	-0.35	-17.86
GEW-237	12/30/2019 10:17:59 AM	28.5	36.9	4.0	30.6	144.9	144.9	15.10	18.99	-0.33	-0.28	-20.47
GEW-237	12/30/2019 10:19:05 AM	27.4	39.3	3.8	29.5	144.5	144.5	15.58	14.13	-0.33	-0.30	-20.60
GEW-238	12/9/2019 8:44:22 AM	5.3	64.5	0.0	30.2	200.8	200.1	10.10	10.57	0.03	0.03	-19.07
GEW-238	12/9/2019 8:45:53 AM	5.1	63.8	0.0	31.1	200.8	200.8	13.58	13.38	-0.11	-0.11	-18.86
GEW-238	12/17/2019 1:58:45 PM	13.7	60.5	0.0	25.8	187.6	187.0	12.38	12.97	-1.14	-1.14	-18.01
GEW-238	12/17/2019 1:59:49 PM	13.8	59.1	0.0	27.1	187.6	187.6	12.94	12.94	-1.12	-1.12	-18.31
GEW-239	12/2/2019 10:03:27 AM	0.1	8.7	17.9	73.3	84.6	84.9	2.15	2.44	-0.52	-0.52	-18.60
GEW-239	12/2/2019 10:04:20 AM	0.1	8.3	18.0	73.6	85.0	85.0	1.81	1.81	-0.58	-0.58	-18.69
GEW-239	12/11/2019 3:00:37 PM	0.1	6.0	17.5	76.4	106.0	106.2	0.25	1.14	-0.56	-0.56	-18.27
GEW-239	12/11/2019 3:08:57 PM	0.1	5.0	17.9	77.0	105.5	105.2	1.59	1.95	-0.54	-0.54	-18.31
GEW-239	12/11/2019 3:17:33 PM	0.1	5.8	17.7	76.4	107.5	107.4	1.94	2.73	-0.55	-0.55	-18.60
GEW-239	12/13/2019 2:37:59 PM	1.2	55.1	0.0	43.7	147.7	147.7	5.43	5.14	0.08	0.08	-18.27
GEW-239	12/13/2019 2:42:00 PM	1.2	57.0	0.0	41.8	184.5	185.4	2.79	2.59	-0.04	-0.04	-18.44
GEW-239	12/16/2019 9:24:16 AM	1.2	55.4	0.0	43.4	190.2	190.2	2.58	2.58	0.02	0.02	-19.96
GEW-239	12/16/2019 9:25:50 AM	1.2	56.1	0.0	42.7	192.3	192.3	1.38	1.95	-0.03	-0.03	-20.30
GEW-239	12/30/2019 10:24:11 AM	1.2	57.1	0.0	41.7	182.1	182.3	27.71	25.82	-1.00	-0.88	-20.18
GEW-239	12/30/2019 10:25:17 AM	1.1	58.9	0.0	40.0	182.1	181.5	27.87	22.57	-1.25	-0.91	-20.22
GEW-240	12/6/2019 10:29:02 AM	12.8	28.8	4.3	54.1	154.0	154.0	5.69	5.87	-1.98	-1.97	-20.59
GEW-240	12/6/2019 10:30:17 AM	13.1	28.0	4.3	54.6	150.2	150.2	4.12	5.35	-1.66	-1.66	-20.72
GEW-240	12/17/2019 11:50:17 AM	7.2	21.3	7.7	63.8	142.2	140.9	5.28	6.31	-0.50	-0.50	-18.82
GEW-240	12/17/2019 11:51:51 AM	7.5	19.1	7.9	65.5	139.0	138.7	3.25	4.52	-0.40	-0.41	-18.52
GEW-240	12/30/2019 10:35:45 AM	4.4	21.6	6.4	67.6	123.5	123.7	7.04	5.54	-0.21	-0.22	-20.09
GEW-240	12/30/2019 10:37:36 AM	4.5	20.8	6.5	68.2	107.8	108.0	5.23	1.12	-0.09	-0.08	-20.30
GEW-2S	12/6/2019 2:12:40 PM	61.7	30.0	1.3	7.0	52.9	52.8	13.53	8.46	-4.12	-4.09	-13.14
GEW-2S	12/10/2019 1:36:01 PM	53.0	34.9	0.9	11.2	53.7	53.7	10.99	8.03	-1.20	-1.11	-12.93
GEW-2S	12/10/2019 1:42:32 PM	55.6	35.1	0.1	9.2	54.2	54.2	7.51	11.70	-1.05	-1.20	-13.14
GEW-2S	12/17/2019 11:25:33 AM	58.4	36.3	0.0	5.3	52.6	52.6	7.53	2.85	-0.56	-0.53	-13.23
GEW-2S	12/17/2019 11:26:40 AM	58.6	35.9	0.0	5.5	53.1	53.1	17.53	11.01	-0.68	-0.70	-12.85

December 2019 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H ₂ O		
GEW-2S	12/23/2019 11:15:56 AM	56.9	37.9	0.0	5.2	65.8	65.9	10.88	13.47	-0.62	-0.76	-12.89
GEW-2S	12/23/2019 11:21:51 AM	58.2	36.2	0.0	5.6	66.1	66.1	6.88	10.88	-0.74	-0.72	-12.89
GIW-01	12/5/2019 10:51:42 AM	14.8	57.5	1.1	26.6	101.1	101.3	2.10	0.79	-0.27	-0.26	-18.52
GIW-01	12/9/2019 11:10:09 AM	15.2	62.0	0.3	22.5	89.1	83.4	2.41	2.12	-0.21	-0.21	-18.69
GIW-01	12/9/2019 11:15:49 AM	15.6	59.1	0.5	24.8	88.4	86.3	1.78	1.36	-0.21	-0.20	-18.27
GIW-01	12/19/2019 8:32:49 AM	14.3	59.9	0.0	25.8	66.8	66.9	3.69	1.89	-0.25	-0.25	-19.75
GIW-01	12/26/2019 2:45:49 PM	12.6	56.0	2.6	28.8	102.3	102.2	3.74	5.04	-0.30	-0.29	-18.96
GIW-02	12/5/2019 10:55:10 AM	2.9	24.7	6.9	65.5	68.7	68.8	2.53	1.88	-0.28	-0.28	-18.44
GIW-02	12/5/2019 10:56:01 AM	2.8	24.2	7.0	66.0	70.0	70.1	1.88	1.88	-0.28	-0.28	-18.44
GIW-02	12/9/2019 11:19:20 AM	2.9	35.9	6.0	55.2	57.5	57.5	2.55	1.89	-0.23	-0.22	-18.39
GIW-02	12/9/2019 11:24:40 AM	3.3	34.0	6.0	56.7	57.7	57.7	2.24	1.89	-0.22	-0.22	-18.52
GIW-02	12/19/2019 8:35:46 AM	5.0	55.1	1.5	38.4	43.1	43.1	2.94	2.34	-0.26	-0.26	-20.13
GIW-02	12/26/2019 2:48:33 PM	2.3	31.0	6.8	59.9	76.4	76.4	1.18	1.67	-0.28	-0.27	-18.49
GIW-02	12/26/2019 2:49:52 PM	2.2	30.4	6.9	60.5	77.5	77.5	1.18	1.67	-0.28	-0.28	-18.66
GIW-03	12/5/2019 10:59:21 AM	20.1	46.0	0.0	33.9	65.3	65.3	3.81	3.81	-8.06	-8.06	-18.44
GIW-03	12/9/2019 11:28:12 AM	22.1	46.6	0.1	31.2	57.7	57.8	1.85	2.20	-7.72	-7.72	-18.27
GIW-03	12/9/2019 11:33:48 AM	22.8	45.5	0.0	31.7	57.5	57.5	2.20	1.85	-7.72	-7.72	-18.35
GIW-03	12/19/2019 8:38:51 AM	17.8	48.3	0.0	33.9	42.5	42.5	0.87	1.50	-8.57	-8.57	-19.92
GIW-03	12/26/2019 2:55:15 PM	17.5	51.2	0.0	31.3	74.8	74.8	2.59	2.59	-8.71	-8.71	-18.87
GIW-04	12/5/2019 11:03:27 AM	16.2	46.9	1.7	35.2	69.9	70.0	5.58	3.81	-4.86	-4.86	-18.35
GIW-04	12/9/2019 11:37:33 AM	18.1	47.6	1.7	32.6	57.0	57.0	2.53	2.23	-4.25	-4.25	-18.60
GIW-04	12/9/2019 11:43:37 AM	19.0	50.9	0.5	29.6	57.0	57.0	2.23	2.23	-4.29	-4.29	-18.65
GIW-04	12/19/2019 8:41:35 AM	13.3	51.7	0.0	35.0	41.5	41.6	3.18	2.33	-3.78	-3.78	-20.04
GIW-04	12/26/2019 3:00:22 PM	16.3	54.2	0.5	29.0	79.8	79.8	3.66	4.01	-5.33	-5.33	-17.82
GIW-05	12/5/2019 11:07:36 AM	0.1	1.2	21.0	77.7	65.1	65.1	3.40	3.40	-3.36	-3.35	-18.60
GIW-05	12/5/2019 11:08:38 AM	0.4	0.8	20.8	78.0	65.7	65.7	5.19	5.19	-3.43	-3.42	-18.90
GIW-05	12/9/2019 1:40:12 PM	0.1	0.0	20.7	79.2	55.4	55.4	4.90	4.90	-3.29	-3.29	-18.86
GIW-05	12/9/2019 1:47:12 PM	0.6	0.2	20.3	78.9	55.1	55.1	4.90	4.90	-3.37	-3.37	-18.60
GIW-05	12/19/2019 8:46:38 AM	0.1	3.4	20.7	75.8	39.2	39.3	0.00	0.00	-3.26	-3.26	-19.87
GIW-05	12/19/2019 8:47:31 AM	0.3	2.5	20.4	76.8	39.8	39.8	0.00	0.00	-3.34	-3.34	-19.62
GIW-05	12/26/2019 3:11:13 PM	0.3	1.1	20.9	77.7	68.4	68.5	3.94	3.94	-2.58	-2.58	-18.20
GIW-05	12/26/2019 3:12:35 PM	0.7	0.9	20.4	78.0	69.7	69.8	7.88	7.37	-2.63	-2.63	-18.74
GIW-06	12/5/2019 11:12:31 AM	23.7	37.7	0.0	38.6	70.9	71.1	5.02	2.67	-17.52	-17.52	-17.97
GIW-06	12/9/2019 1:51:05 PM	31.2	36.2	0.2	32.4	55.4	55.5	3.88	2.85	-18.49	-18.49	-18.94
GIW-06	12/9/2019 1:56:38 PM	30.7	37.5	0.1	31.7	55.3	55.3	4.04	3.70	-18.49	-18.49	-18.94
GIW-06	12/19/2019 8:50:52 AM	29.1	35.7	1.1	34.1	38.1	38.2	3.94	4.47	-16.00	-16.00	-19.96
GIW-06	12/26/2019 3:15:28 PM	32.6	41.8	0.0	25.6	77.3	77.5	5.97	6.86	-17.89	-17.93	-18.49
GIW-07	12/5/2019 11:15:26 AM	50.4	42.0	0.9	6.7	73.6	73.6	3.98	3.80	-2.68	-2.67	-17.80
GIW-07	12/9/2019 1:59:54 PM	50.7	41.8	0.9	6.6	56.0	56.0	4.39	4.04	-2.14	-2.14	-18.94
GIW-07	12/9/2019 2:04:44 PM	53.4	42.8	0.3	3.5	55.8	55.8	4.04	4.56	-2.22	-2.21	-18.60

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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-07	12/19/2019 8:53:18 AM	53.6	42.7	0.0	3.7	43.1	43.1	5.07	4.75	-2.06	-2.05	-19.62
GIW-07	12/26/2019 3:27:09 PM	52.6	46.7	0.0	0.7	75.8	75.9	4.25	4.41	-1.81	-1.81	-18.20
GIW-08	12/5/2019 11:17:56 AM	44.5	42.1	0.0	13.4	69.3	69.3	1.87	4.35	-2.82	-2.81	-17.97
GIW-08	12/9/2019 2:07:48 PM	48.2	42.9	0.0	8.9	56.0	56.0	2.96	2.73	-2.91	-2.91	-18.52
GIW-08	12/9/2019 2:13:03 PM	48.4	43.4	0.0	8.2	55.7	55.7	2.12	4.39	-2.98	-2.98	-18.69
GIW-08	12/19/2019 8:55:52 AM	46.7	41.9	0.0	11.4	43.9	44.1	3.17	1.96	-2.98	-2.98	-19.79
GIW-08	12/26/2019 3:29:33 PM	46.2	44.5	0.0	9.3	70.7	70.7	3.36	3.14	-2.71	-2.70	-18.11
GIW-09	12/5/2019 11:24:30 AM	10.8	33.2	1.7	54.3	69.3	69.4	2.52	2.52	-1.73	-1.72	-17.93
GIW-09	12/9/2019 2:17:09 PM	14.7	32.1	2.0	51.2	55.5	55.5	2.13	2.13	-1.87	-1.87	-18.94
GIW-09	12/9/2019 2:22:20 PM	15.8	34.2	0.8	49.2	55.5	55.5	2.45	2.74	-1.88	-1.86	-18.77
GIW-09	12/19/2019 8:58:14 AM	17.1	33.7	1.8	47.4	41.9	42.1	1.53	2.34	-1.76	-1.76	-19.87
GIW-09	12/26/2019 3:31:52 PM	17.3	36.8	0.9	45.0	72.3	72.3	3.14	3.36	-1.42	-1.43	-18.32
GIW-10	12/5/2019 2:05:01 PM	20.4	32.7	0.0	46.9	69.6	69.6	1.12	2.08	-3.89	-3.88	-18.69
GIW-10	12/9/2019 2:26:53 PM	18.0	33.2	0.0	48.8	55.5	55.5	1.24	2.08	-4.18	-4.18	-18.73
GIW-10	12/9/2019 2:31:40 PM	18.3	32.5	0.0	49.2	55.4	55.4	1.24	1.24	-4.30	-4.30	-19.03
GIW-10	12/19/2019 10:18:20 AM	18.1	31.7	0.0	50.2	48.8	49.0	3.78	3.36	-4.12	-4.12	-18.60
GIW-10	12/26/2019 2:42:13 PM	18.4	32.8	0.0	48.8	75.7	75.7	1.66	1.17	-3.94	-3.93	-18.49
GIW-11	12/5/2019 2:07:34 PM	21.6	32.6	0.7	45.1	69.6	69.8	2.02	2.80	-2.19	-2.20	-13.07
GIW-11	12/9/2019 2:35:14 PM	20.6	32.5	0.8	46.1	55.2	55.4	1.74	2.12	-2.35	-2.35	-13.19
GIW-11	12/9/2019 2:40:49 PM	20.7	31.8	0.9	46.6	55.2	55.2	4.03	2.71	-2.50	-2.51	-13.66
GIW-11	12/19/2019 10:21:04 AM	21.1	31.5	0.9	46.5	48.8	48.8	4.53	3.80	-2.38	-2.38	-14.29
GIW-11	12/26/2019 2:39:45 PM	20.5	32.8	0.6	46.1	77.3	77.5	7.14	4.98	-2.21	-2.24	-13.40
GIW-12	12/5/2019 2:10:17 PM	30.4	36.4	1.6	31.6	70.3	70.4	3.55	1.13	-0.31	-0.31	-16.62
GIW-12	12/9/2019 2:44:13 PM	29.1	34.9	2.3	33.7	54.9	55.0	2.14	2.75	-0.39	-0.39	-18.35
GIW-12	12/9/2019 2:49:47 PM	29.2	34.4	2.4	34.0	54.7	54.7	3.68	3.25	-0.40	-0.39	-16.87
GIW-12	12/19/2019 10:23:42 AM	29.5	34.4	2.1	34.0	48.9	49.0	3.39	1.96	-0.31	-0.31	-17.25
GIW-12	12/26/2019 2:34:55 PM	28.1	35.9	2.1	33.9	73.0	73.0	1.19	1.19	-0.33	-0.32	-17.82
GIW-13	12/5/2019 2:12:58 PM	34.3	48.0	0.0	17.7	69.4	69.4	1.64	1.64	-0.60	-0.59	-7.06
GIW-13	12/9/2019 2:53:03 PM	33.3	49.2	0.0	17.5	54.9	54.9	3.47	3.47	-0.84	-0.84	-8.12
GIW-13	12/9/2019 2:57:57 PM	33.0	48.5	0.0	18.5	54.7	54.7	3.88	3.25	-0.85	-0.85	-8.58
GIW-13	12/19/2019 10:26:16 AM	36.0	47.8	0.0	16.2	48.4	48.5	3.61	2.90	-0.72	-0.71	-8.84
GIW-13	12/26/2019 2:32:48 PM	34.7	48.0	0.0	17.3	72.2	72.3	3.36	3.15	-0.70	-0.70	-6.70
LCS-1D	12/2/2019 3:00:21 PM	56.0	40.4	0.4	3.2	55.5	55.4	2.98	2.62	-2.76	-2.75	-12.52
LCS-1D	12/19/2019 10:59:07 AM	53.0	36.7	1.6	8.7	54.2	53.9	3.74	3.93	-4.86	-4.85	-13.87
LCS-2D	12/6/2019 2:07:09 PM	55.1	42.1	0.0	2.8	48.2	48.2	2.55	1.37	-19.59	-19.59	-20.08
LCS-2D	12/23/2019 11:00:53 AM	49.8	42.7	0.9	6.6	66.8	67.6	3.23	2.71	-18.74	-18.74	-18.94
LCS-3D	12/3/2019 11:13:14 AM	28.7	62.1	0.0	9.2	138.0	138.3	17.53	14.70	-11.73	-11.73	-14.38
LCS-3D	12/3/2019 11:15:26 AM	28.6	62.3	0.0	9.1	138.1	138.3	14.27	14.52	-11.61	-11.61	-12.18
LCS-3D	12/17/2019 8:28:29 AM	30.3	59.2	0.0	10.5	140.1	140.2	7.03	2.15	-11.82	-11.82	-14.12
LCS-3D	12/17/2019 8:30:04 AM	30.4	59.5	0.0	10.1	140.6	140.6	17.05	14.72	-11.82	-11.82	-15.90

December 2019 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H ₂ O		
LCS-4B	12/10/2019 8:38:59 AM	15.6	61.9	0.1	22.4	26.9	26.9	5.87	6.25	-19.04	-19.00	-19.96
LCS-4B	12/20/2019 10:20:41 AM	17.0	59.2	0.2	23.6	52.5	52.6	3.92	3.35	-18.87	-18.87	-19.28
LCS-5A	12/5/2019 10:46:53 AM	56.5	41.8	0.0	1.7	83.4	83.5	18.10	18.12	-10.49	-10.15	-12.43
LCS-5A	12/9/2019 11:14:51 AM	56.7	42.3	0.0	1.0	78.4	78.5	7.70	15.66	-10.49	-10.15	-12.89
LCS-5A	12/17/2019 9:37:53 AM	58.3	40.9	0.0	0.8	75.9	75.7	20.66	16.65	-10.49	-10.49	-11.88
LCS-5A	12/23/2019 10:08:57 AM	56.5	42.6	0.0	0.9	83.5	83.2	14.52	13.75	-10.66	-10.70	-12.59
LCS-5B	12/5/2019 10:58:16 AM	54.5	42.5	0.0	3.0	133.8	133.4	11.30	17.95	-11.16	-11.21	-13.23
LCS-5B	12/5/2019 10:59:27 AM	54.4	42.4	0.0	3.2	132.9	132.9	19.12	16.57	-11.21	-11.08	-12.97
LCS-5B	12/9/2019 2:09:38 PM	55.3	40.5	0.0	4.2	125.3	125.8	7.90	13.69	-11.84	-11.50	-13.31
LCS-5B	12/17/2019 9:57:42 AM	55.1	42.6	0.0	2.3	122.9	123.4	16.06	11.22	-11.63	-11.50	-13.18
LCS-5B	12/23/2019 10:19:43 AM	54.5	43.4	0.0	2.1	135.5	134.9	16.06	16.06	-12.60	-12.60	-13.14
LCS-5B	12/23/2019 10:21:02 AM	54.8	43.0	0.0	2.2	135.0	135.2	17.89	22.27	-11.75	-11.33	-13.14
LCS-6B	12/6/2019 10:32:05 AM	55.9	41.0	0.0	3.1	47.6	47.6	8.36	8.36	-1.31	-1.32	-13.31
LCS-6B	12/11/2019 9:08:03 AM	56.2	41.0	0.0	2.8	45.5	45.7	6.65	7.87	-0.45	-0.46	-13.48
LCS-6B	12/17/2019 11:38:56 AM	55.1	41.1	0.0	3.8	50.0	50.2	14.45	14.75	-0.23	-0.22	-12.85
LCS-6B	12/23/2019 11:40:48 AM	55.1	43.2	0.0	1.7	65.6	66.1	2.87	6.41	0.68	0.68	-13.02
LCS-6B	12/23/2019 11:42:42 AM	54.7	43.9	0.0	1.4	68.2	68.3	4.93	2.85	-0.57	-0.58	-12.89
SEW-002	12/6/2019 11:50:36 AM	21.6	42.9	5.7	29.8	44.7	44.7	4.20	4.19	-0.16	-0.16	-20.59
SEW-002	12/6/2019 11:51:36 AM	21.9	42.4	5.7	30.0	44.9	44.9	4.19	2.97	-0.14	-0.14	-20.30
SEW-002	12/17/2019 11:16:15 AM	27.0	52.8	1.1	19.1	52.4	52.5	9.93	7.48	-0.06	-0.05	-18.39
SEW-003	12/6/2019 2:59:57 PM	2.1	31.8	7.8	58.3	62.8	62.9	8.81	8.97	-0.11	-0.11	-18.90
SEW-003	12/6/2019 3:00:49 PM	2.0	31.7	7.9	58.4	63.3	63.3	8.02	6.96	-0.09	-0.10	-18.90
SEW-003	12/17/2019 1:35:43 PM	2.4	36.4	6.6	54.6	65.1	65.2	7.44	9.02	-0.12	-0.11	-18.44
SEW-003	12/17/2019 1:37:04 PM	2.0	36.5	6.6	54.9	65.5	65.5	7.44	8.69	-0.12	-0.12	-18.56
T-56	12/6/2019 10:54:55 AM	44.2	37.9	0.4	17.5	50.7	50.7	15.64	12.44	-0.05	-0.05	-13.48
T-56	12/11/2019 10:26:32 AM	46.9	35.7	0.0	17.4	48.2	48.3	8.59	4.96	-0.03	-0.03	-13.40
T-56	12/17/2019 2:20:22 PM	49.1	35.8	0.0	15.1	46.9	47.0	10.72	13.10	-0.01	-0.01	-13.65
T-56	12/23/2019 1:54:03 PM	56.8	36.8	0.0	6.4	53.6	53.4	12.49	9.55	-0.03	-0.03	-13.86

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide (ppm)	Comments
GEW-002	8/13/2019	54	41	ND	4.7	0.070	ND	
GEW-002	9/6/2019	54	40	ND	5.5	ND	ND	
GEW-002	10/9/2019	53	40	ND	6.5	0.13	ND	
GEW-002	11/19/2019	53	40	ND	5.2	ND	ND	
GEW-002	12/11/2019	52	39	ND	8.5	ND	ND	
GEW-02S	8/13/2019	56	34	ND	8.1	0.044	ND	
GEW-02S	9/5/2019	57	34	ND	8.3	ND	ND	
GEW-02S	10/25/2019	56	33	1.5	10	ND	ND	
GEW-02S	10/31/2019	54	32	1.9	12	0.054	ND	
GEW-02S	11/19/2019	59	34	ND	6.0	ND	ND	
GEW-02S	12/10/2019	53	33	1.5	13	ND	ND	
GEW-02S	12/23/2019	53	32	2.2	13	ND	ND	
GEW-003	8/13/2019	51	38	ND	9.5	0.051	ND	
GEW-003	9/6/2019	53	39	ND	6.7	ND	ND	
GEW-003	10/9/2019	50	39	ND	9.5	0.035	ND	
GEW-003	11/19/2019	51	42	ND	6.7	ND	ND	
GEW-003	12/11/2019	53	41	ND	5.1	ND	ND	
GEW-004	8/13/2019	55	40	ND	4.7	0.12	ND	
GEW-004	9/6/2019	53	38	1.7	7.5	ND	ND	
GEW-004	9/23/2019	54	39	ND	5.8	ND	ND	
GEW-004	10/16/2019	52	39	ND	7.7	0.096	ND	
GEW-004	11/19/2019	49	37	2.2	11	0.038	ND	
GEW-004	11/27/2019	55	40	ND	5.3	0.034	ND	
GEW-004	12/11/2019	54	40	ND	5.2	0.036	ND	
GEW-005	8/13/2019	43	28	5.9	23	ND	ND	See Note 3
GEW-005	8/28/2019	54	36	ND	8.8	ND	ND	
GEW-005	9/6/2019	56	37	ND	6.0	ND	ND	
GEW-005	10/16/2019	49	36	ND	14	ND	ND	
GEW-005	11/19/2019	54	37	ND	7.6	ND	ND	
GEW-005	12/11/2019	55	37	ND	7.7	ND	ND	
GEW-006	8/13/2019	54	36	1.9	8.2	ND	ND	
GEW-006	8/28/2019	57	38	ND	4.5	ND	ND	
GEW-006	9/6/2019	57	38	ND	4.6	ND	ND	
GEW-006	10/16/2019	51	37	ND	12	ND	ND	
GEW-006	11/19/2019	54	38	ND	7.3	ND	ND	
GEW-006	12/11/2019	55	37	ND	7.5	ND	ND	
GEW-007	8/12/2019	54	39	ND	5.6	0.073	ND	
GEW-007	9/4/2019	56	39	ND	3.7	ND	ND	
GEW-007	10/8/2019	54	40	ND	4.6	0.050	ND	
GEW-007	11/18/2019	56	40	ND	3.5	ND	ND	
GEW-007	12/9/2019	55	40	ND	3.6	ND	ND	
GEW-008	8/12/2019	45	37	3.7	13	1.0	ND	See Note 3
GEW-008	8/28/2019	52	42	ND	3.2	1.1	ND	
GEW-008	9/4/2019	53	41	ND	3.8	1.1	ND	
GEW-008	10/8/2019	52	42	ND	3.6	1.2	ND	
GEW-008	11/18/2019	53	43	ND	ND	1.4	ND	
GEW-008	12/9/2019	49	40	2.1	8.0	1.4	ND	
GEW-008	12/23/2019	52	42	ND	3.5	1.2	ND	
GEW-009	8/12/2019	53	42	ND	3.5	0.65	ND	
GEW-009	9/4/2019	52	40	ND	6.1	0.61	ND	
GEW-009	10/8/2019	50	40	ND	7.7	0.61	ND	
GEW-009	11/18/2019	50	41	ND	7.7	0.60	ND	
GEW-009	12/9/2009	50	41	ND	7.3	0.68	ND	
GEW-040	8/13/2019	59	35	ND	4.9	0.036	ND	
GEW-040	9/5/2019	53	33	1.8	12	ND	ND	
GEW-040	9/23/2019	55	35	ND	9.2	ND	ND	

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
							(%)	
GEW-040	10/9/2019	48	31	2.8	18	0.034	ND	
GEW-040	10/30/2019	50	33	ND	16	0.030	ND	See Note 3
GEW-040	11/18/2019	59	35	ND	5.4	ND	ND	
GEW-040	12/9/2019	58	35	ND	6.9	ND	ND	
GEW-041R	8/13/2019	55	37	ND	7.1	ND	ND	
GEW-041R	9/5/2019	56	36	ND	7.7	ND	ND	
GEW-041R	10/9/2019	49	35	ND	15	ND	ND	
GEW-041R	11/18/2019	53	35	ND	11	ND	ND	
GEW-041R	12/10/2019	53	35	ND	12	ND	ND	
GEW-042R	8/13/2019	56	39	ND	4.2	0.061	ND	
GEW-042R	9/5/2019	56	38	ND	5.2	ND	ND	
GEW-042R	10/9/2019	53	38	ND	8.3	0.045	ND	
GEW-042R	11/18/2019	54	37	ND	7.8	ND	ND	
GEW-042R	12/10/2019	53	36	1.5	9.1	ND	ND	
GEW-042R	12/23/2019	55	38	ND	5.4	ND	ND	
GEW-043R	8/13/2019	55	41	ND	3.7	0.19	ND	
GEW-043R	9/5/2019	55	40	ND	3.5	0.14	ND	
GEW-043R	10/9/2019	54	41	ND	4.0	ND	ND	
GEW-043R	11/18/2019	54	40	ND	4.2	0.13	ND	
GEW-043R	12/10/2019	55	40	ND	3.8	0.13	ND	
GEW-044	8/13/2019	54	37	ND	8.2	ND	ND	
GEW-044	9/5/2019	55	37	ND	7.4	ND	ND	
GEW-044	10/9/2019	48	37	ND	14	ND	ND	
GEW-044	11/18/2019	53	36	1.8	9.0	ND	ND	
GEW-044	11/27/2019	46	35	ND	19	ND	ND	
GEW-044	12/10/2019	45	34	ND	20	ND	ND	
GEW-045R	8/13/2019	56	39	ND	3.9	ND	ND	
GEW-045R	9/5/2019	57	38	ND	4.2	ND	ND	
GEW-045R	10/9/2019	56	39	ND	3.9	0.038	ND	
GEW-045R	11/18/2019	56	40	ND	3.9	ND	ND	
GEW-045R	12/10/2019	57	39	ND	3.3	ND	ND	
GEW-046R	8/13/2019	52	37	ND	9.8	0.087	ND	
GEW-046R	9/5/2019	55	37	ND	7.1	ND	ND	
GEW-046R	10/9/2019	54	38	ND	6.1	0.15	ND	
GEW-046R	11/18/2019	54	38	ND	6.0	ND	ND	
GEW-046R	12/10/2019	55	39	ND	4.8	0.047	ND	
GEW-047R	8/13/2019	53	40	ND	6.4	ND	ND	
GEW-047R	9/6/2019	53	39	ND	7.1	ND	ND	
GEW-047R	10/16/2019	47	39	ND	13	0.032	ND	
GEW-047R	11/19/2019	52	40	ND	7.4	ND	ND	
GEW-047R	12/11/2019	54	40	ND	5.7	ND	ND	
GEW-048	8/13/2019	55	38	ND	5.9	ND	ND	
GEW-048	9/6/2019	56	38	ND	5.4	ND	ND	
GEW-048	10/16/2019	51	38	ND	9.7	ND	ND	
GEW-048	11/19/2019	54	39	ND	6.3	ND	ND	
GEW-048	12/11/2019	56	38	ND	5.1	ND	ND	
GEW-049	8/13/2019	53	39	ND	7.2	ND	ND	
GEW-049	9/5/2019	53	38	ND	7.5	0.078	ND	
GEW-049	10/9/2019	53	40	ND	6.8	ND	ND	
GEW-049	11/18/2019	53	40	ND	5.8	0.033	ND	
GEW-049	12/10/2019	48	36	ND	15	ND	ND	
GEW-050	8/12/2019	56	38	ND	4.4	0.088	ND	
GEW-050	9/4/2019	55	37	ND	6.5	0.072	ND	
GEW-050	10/8/2019	51	36	1.6	11	0.097	ND	
GEW-050	10/30/2019	53	37	ND	8.6	0.034	ND	

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
GEW-050	11/18/2019	55	38	ND	6.0	ND	ND	
GEW-050	12/9/2019	55	38	ND	6.4	ND	ND	
GEW-051	8/12/2019	54	40	ND	3.9	1.1	ND	
GEW-051	9/4/2019	54	39	ND	4.4	1.1	ND	
GEW-051	10/8/2019	54	40	ND	3.4	1.2	ND	
GEW-051	11/18/2019	54	40	ND	3.8	1.0	ND	
GEW-051	12/9/2019	54	41	ND	ND	1.1	ND	
GEW-052	8/12/2019	53	38	ND	7.7	0.041	ND	
GEW-052	9/4/2019	52	37	ND	9.2	0.043	ND	
GEW-052	10/8/2019	52	39	ND	8.5	0.064	ND	
GEW-052	11/18/2019	49	38	ND	12	ND	ND	
GEW-052	12/9/2019	50	38	ND	11	ND	ND	
GEW-053	8/13/2019	49	41	ND	4.7	3.4	66	
GEW-053	9/5/2019	49	41	ND	4.3	4.4	66	
GEW-053	10/9/2019	49	41	ND	4.5	4.2	68	
GEW-053	11/18/2019	50	42	ND	3.3	3.6	66	
GEW-053	12/9/2019	50	43	ND	ND	3.9	63	
GEW-054	8/13/2019	50	41	ND	5.8	1.8	ND	
GEW-054	9/5/2019	52	41	ND	4.2	1.7	ND	
GEW-054	10/9/2019	51	41	ND	4.5	2.0	ND	
GEW-054	11/18/2019	48	39	2.3	8.8	1.7	ND	
GEW-054	11/27/2019	45	36	3.7	14	1.5	ND	See Note 3
GEW-054	12/9/2019	51	41	ND	4.9	1.7	ND	
GEW-055	8/13/2019	51	42	ND	4.3	1.5	ND	
GEW-055	9/5/2019	49	40	1.8	6.8	1.9	ND	
GEW-055	9/23/2019	52	42	ND	3.5	1.9	ND	
GEW-055	10/9/2019	49	40	1.9	6.9	1.9	ND	
GEW-055	10/30/2019	52	41	ND	4.6	1.3	ND	
GEW-055	11/18/2019	52	42	ND	3.7	1.4	ND	
GEW-055	12/9/2019	52	42	ND	3.7	1.4	ND	
Flare Station ²	8/9/2019	45.9	36.2	2.4	14.4	ND	ND	See Note 5
Flare Station ²	9/9/2019	49.2	36.7	2.1	11.7	0.32	ND	See Note 5
Flare Station ²	10/9/2019	25.6	37.4	4.3	25.8	6.2	220	See Note 9
Flare Station ²	11/7/2019	24.7	37.5	4.6	26.2	6.4	205	See Note 9
Flare Station ²	12/5/2019	24.5	36.0	5.3	27.5	6.2	195	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 (ppm)	Comments
GEW-010	8/12/2019	53	42	ND	ND	0.46	ND	
GEW-010	9/4/2019	53	41	ND	4.4	0.45	ND	
GEW-010	10/16/2019	54	42	ND	ND	0.46	ND	
GEW-010	11/13/2019	54	41	ND	3.1	0.34	ND	
GEW-010	12/5/2019	54	41	ND	3.6	0.18	ND	
GEW-013A	10/4/2019	5.8	62	ND	6.2	23	760	
GEW-015	10/7/2019	19	44	ND	11	24	720	
GEW-016R	10/7/2019	5.2	53	ND	5.2	34	1,000	
GEW-018B	10/9/2019	6.1	35	3.9	37	18	480	
GEW-019A	10/9/2019	0.66	55	4.5	16	22	1,000	
GEW-039	8/14/2019	26	34	2.3	37	ND	ND	
GEW-039	9/16/2019	34	37	ND	28	ND	ND	
GEW-039	10/16/2019	39	42	ND	17	ND	ND	
GEW-039	11/15/2019	45	41	ND	13	ND	ND	
GEW-039	12/9/2019	28	32	2.8	37	ND	ND	
GEW-056R	8/12/2019	43	40	ND	10	5.2	95	
GEW-056R	9/4/2019	44	39	ND	11	4.7	86	
GEW-056R	10/16/2019	45	40	ND	9.3	4.8	76	
GEW-056R	11/13/2019	46	42	ND	5.2	6.4	85	
GEW-056R	12/5/2019	41	40	ND	15	3.2	55	
GEW-057B	10/14/2019	3.7	44	3.8	14	34	660	
GEW-058A	10/4/2019	6.9	33	1.7	37	21	680	
GEW-059R	10/4/2019	21	42	ND	6.4	29	630	
GEW-067A	10/4/2019	4.5	37	6.3	22	29	390	See Note 4
GEW-068A	10/15/2019	11	50	2.1	7.7	28	1,000	
GEW-078R	10/7/2019	12	31	1.6	42	13	390	
GEW-082R	10/7/2019	9.4	38	ND	28	22	660	
GEW-086	10/7/2019	6.2	23	7.6	55	8.0	160	See Note 3
GEW-087	10/7/2019	11	44	3.0	26	15	420	
GEW-088	10/7/2019	1.9	34	3.2	35	25	700	
GEW-090	10/4/2019	1.4	33	7.6	27	29	530	See Note 3
GEW-091	8/12/2019	3.4	6.9	15	57	18	150	See Note 4
GEW-091	9/6/2019	64	13	3.3	19	ND	ND	
GEW-091	10/16/2019	6.6	50	ND	ND	39	260	
GEW-091	11/13/2019	2.8	49	2.2	8.3	36	310	
GEW-091	12/9/2019	3.0	51	ND	4.0	39	320	
GEW-100	10/15/2019	2.5	52	3.4	12	29	720	
GEW-101	10/15/2019	38	50	2.3	9.0	0.23	ND	
GEW-102	10/14/2019	25	48	ND	ND	22	150	
GEW-104	10/14/2019	21	45	ND	18	15	330	
GEW-105	10/14/2019	27	41	2.9	15	14	430	
GEW-106	10/14/2019	19	54	ND	4.2	21	450	
GEW-107	10/4/2019	18	49	1.9	6.8	23	860	
GEW-108	8/14/2019	22	47	ND	ND	26	640	
GEW-108	9/6/2019	32	44	1.7	6.4	15	340	
GEW-108	10/16/2019	36	44	1.9	12	6.2	140	
GEW-108	11/15/2019	31	42	2.4	12	13	290	
GEW-108	12/9/2019	24	50	ND	ND	22	490	
GEW-109	8/14/2019	46	44	ND	7.1	0.45	ND	
GEW-109	9/6/2019	43	39	ND	15	2.0	42	
GEW-109	10/16/2019	48	47	ND	3.7	0.31	ND	
GEW-109	11/15/2019	48	48	ND	ND	0.084	ND	
GEW-109	12/9/2019	39	39	2.1	19	0.77	ND	
GEW-110	8/12/2019	30	35	3.2	27	4.7	110	
GEW-110	9/4/2019	27	30	3.1	37	2.3	51	
GEW-110	10/25/2019	31	36	3.9	23	6.7	140	
GEW-110	11/13/2019	32	49	ND	ND	16	290	

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
							(%)	
GEW-110	12/5/2019	31	35	3.5	26	3.5	74	
GEW-113	10/7/2019	11	56	ND	5.5	25	1,000	
GEW-116	10/7/2019	22	53	1.8	18	4.8	330	
GEW-117	10/9/2019	26	45	4.8	17	6.5	270	
GEW-118	10/9/2019	5.8	45	2.7	17	28	910	
GEW-120	10/9/2019	43	49	ND	3.9	3.1	ND	
GEW-121	10/9/2019	25	57	ND	3.6	13	410	
GEW-122	10/10/2019	36	38	ND	15	10.0	360	
GEW-123	10/10/2019	27	56	ND	13	3.6	360	
GEW-125	10/10/2019	35	57	ND	ND	3.8	200	
GEW-126	10/11/2019	19	49	1.8	15	16	930	
GEW-127	10/11/2019	6.6	36	7.3	37	13	880	See Note 4
GEW-129	10/15/2019	25	56	ND	8.4	8.2	640	
GEW-130	10/11/2019	23	44	ND	16	16	920	
GEW-131	10/11/2019	44	42	ND	3.0	11	540	
GEW-132	10/10/2019	17	32	3.2	36	12	520	
GEW-133	10/7/2019	6.7	48	ND	26	16	870	
GEW-134	10/7/2019	14	37	2.8	42	4.5	220	
GEW-135	10/7/2019	2.9	36	2.6	39	18	610	
GEW-137	10/7/2019	30	40	ND	28	0.053	ND	
GEW-138	10/7/2019	9.4	38	ND	29	22	660	
GEW-139	10/11/2019	15	50	ND	6.5	27	1,100	
GEW-140	10/11/2019	23	44	ND	13	19	420	
GEW-147	10/7/2019	16	46	ND	8.3	28	910	
GEW-148	10/7/2019	11	52	ND	4.2	31	1,500	
GEW-149	10/4/2019	11	31	ND	54	2.3	78	
GEW-150	10/14/2019	26	44	1.6	12	15	430	
GEW-151	10/4/2019	9.4	48	ND	4.6	35	810	
GEW-152	10/4/2019	18	48	ND	6.4	25	870	
GEW-153	10/4/2019	31	34	1.8	29	4.1	77	
GEW-155	10/7/2019	5.0	27	6.4	52	8.3	220	See Note 4
GEW-156	10/14/2019	29	44	ND	12	13	310	
GEW-157	10/14/2019	34	42	1.6	6.0	16	390	
GEW-158	10/14/2019	31	47	ND	3.5	17	440	
GEW-159	8/14/2019	46	42	ND	7.7	2.4	130	
GEW-159	9/6/2019	46	41	ND	10	1.9	120	
GEW-159	10/16/2019	45	41	ND	10	1.8	100	
GEW-159	11/15/2019	34	30	6.6	27	1.6	51	See Note 4
GEW-159	12/9/2019	29	32	5.6	31	1.5	36	See Note 4
GEW-160	8/12/2019	15	40	1.7	18	24	760	
GEW-160	9/4/2019	2.9	16	14	55	12	600	See Note 4
GEW-160	10/16/2019	12	27	8.7	36	17	400	See Note 4
GEW-160	11/13/2019	14	27	8.1	34	16	400	See Note 4
GEW-160	12/9/2019	15	31	5.8	34	14	310	See Note 4
GEW-161	8/12/2019	6.1	48	1.7	15	28	1,100	
GEW-161	9/4/2019	1.0	53	ND	4.3	39	1,800	
GEW-161	10/16/2019	1.3	54	ND	ND	41	1,600	
GEW-161	11/13/2019	1.9	53	ND	ND	41	1,400	
GEW-161	12/5/2019	1.8	51	1.6	5.9	39	1,300	
GEW-162	8/12/2019	11	58	ND	17	13	520	
GEW-162	9/4/2019	12	57	ND	17	12	530	
GEW-162	10/16/2019	14	63	ND	8.6	14	510	
GEW-162	11/13/2019	15	62	ND	10	12	480	
GEW-162	12/5/2019	13	62	ND	12	12	500	
GEW-163	10/10/2019	24	50	1.6	17	7.1	190	
GEW-164	10/10/2019	33	51	ND	14	0.63	66	
GEW-165	10/10/2019	16	54	2.7	13	14	560	

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
							(%)	
GEW-166	10/10/2019	2.2	54	ND	3.6	38	2,400	
GEW-167	10/10/2019	4.6	46	1.8	9.9	37	1,700	
GEW-168	10/11/2019	31	51	ND	9.7	6.2	240	
GEW-169	10/11/2019	12	44	3.0	25	15	760	
GEW-170	10/15/2019	11	40	5.3	29	15	960	See Note 4
GEW-171	10/15/2019	11	38	7.4	29	14	640	See Note 4
GEW-172	10/15/2019	24	44	3.0	11	16	790	
GEW-174	10/11/2019	18	36	ND	33	12	300	
GEW-175	10/14/2019	20	42	4.7	23	9.2	220	
GEW-176	10/14/2019	23	26	8.7	42	0.73	ND	See Note 4
GEW-177	10/15/2019	9.7	53	ND	15	20	1,700	
GEW-178	10/14/2019	38	49	2.1	10	0.099	ND	
GEW-179	10/14/2019	32	63	ND	4.4	ND	ND	
GEW-180	10/15/2019	25	49	5.3	19	0.38	58	See Note 3
GEW-181	10/15/2019	27	67	ND	4.8	ND	ND	
GEW-185	10/10/2019	34	53	2.7	9.9	0.13	ND	
GEW-186	10/15/2019	20	29	8.2	39	3.2	210	See Note 4
GEW-187	8/14/2019	35	53	ND	ND	7.5	240	
GEW-187	9/6/2019	37	52	ND	3.4	5.6	220	
GEW-187	10/16/2019	35	50	2.2	7.9	4.5	170	
GEW-187	11/15/2019	38	53	ND	ND	4.8	170	
GEW-187	12/9/2019	38	54	ND	ND	4.1	140	
GEW-217	10/14/2019	11	52	ND	ND	32	770	
GEW-218	10/14/2019	20	39	2.2	26	13	380	
GEW-219	10/14/2019	4.6	22	11	51	11	350	See Note 4
GEW-220	10/15/2019	13	43	3.0	22	19	750	
GEW-221	10/15/2019	20	53	1.6	6.5	18	460	
GEW-222	10/15/2019	2.3	62	ND	3.3	30	1,600	
GEW-223	10/15/2019	17	61	ND	ND	17	1,100	
GEW-224	10/15/2019	15	60	ND	ND	20	1,500	
GEW-225	10/15/2019	26	47	ND	3.8	22	890	
GEW-226	10/11/2019	8.6	39	2.8	27	22	1,100	
GEW-227	10/7/2019	5.0	27	6.3	52	8.5	220	See Note 4
GEW-228	10/7/2019	1.5	46	1.6	5.8	43	670	
GEW-229	10/7/2019	1.6	11	12	75	0.28	54	See Note 4
GEW-230	10/7/2019	2.3	18	11	62	7.2	180	See Note 4
GEW-231	10/15/2019	9.8	23	12	51	3.1	260	See Note 4
GEW-232	10/4/2019	28	54	1.6	9.0	6.8	240	
GEW-233	10/2/2019	8.1	44	1.7	29	16	440	
GEW-234	10/15/2019	6.0	33	4.6	37	19	1,000	
GEW-235	10/2/2019	11	49	3.6	13	21	430	
GEW-236	10/2/2019	9.7	41	1.8	23	22	240	
GEW-237	10/2/2019	29	40	2.9	24	3.9	150	
GEW-238	10/2/2019	7.5	59	ND	5.1	26	920	
GEW-239	10/2/2019	1.1	51	ND	4.5	40	1,300	
GEW-240	10/2/2019	11	49	ND	12	25	1,000	
GIW-01	8/12/2019	17	54	ND	9.8	17	650	
GIW-01	9/4/2019	15	48	3.1	19	15	600	
GIW-01	10/16/2019	9.9	50	3.7	15	20	720	
GIW-01	11/13/2019	13	57	1.8	7.2	21	750	
GIW-01	12/9/2019	12	58	2.0	7.7	20	660	
GIW-02	8/12/2019	2.9	25	5.7	59	7.6	430	See Note 4
GIW-02	9/5/2019	1.1	16	11	67	4.6	310	See Note 4
GIW-02	10/16/2019	3.6	23	7.5	62	4.2	270	See Note 4
GIW-02	11/13/2019	3.6	29	5.5	53	8.7	440	See Note 4
GIW-02	12/9/2019	1.7	32	7.2	48	11	560	See Note 4
GIW-03	8/12/2019	13	36	3.6	35	11	440	
GIW-03	9/5/2019	15	38	2.3	33	11	450	

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
							(%)	
GIW-03	10/16/2019	16	43	ND	26	14	480	
GIW-03	11/14/2019	18	43	1.6	24	12	410	
GIW-03	12/9/2019	17	45	ND	23	12	400	
GIW-04	8/13/2019	14	44	2.3	15	24	730	
GIW-04	9/5/2019	9.8	38	4.0	21	27	700	
GIW-04	10/16/2019	12	45	2.5	14	26	690	
GIW-04	11/14/2019	14	50	ND	3.8	31	1,000	
GIW-04	12/9/2019	14	48	1.7	11	25	780	
GIW-05	8/13/2019	0.47	2.4	21	75	1.5	ND	See Note 4
GIW-05	9/5/2019	0.47	8.0	18	67	7.0	95	See Note 4
GIW-05	10/16/2019	14	29	7.2	38	12	140	See Note 4
GIW-05	11/14/2019	0.16	0.86	21	78	ND	ND	See Note 4
GIW-05	12/9/2019	0.26	0.52	22	77	0.22	ND	See Note 4
GIW-06	8/13/2019	37	41	ND	17	4.1	51	
GIW-06	9/5/2019	34	39	2.2	20	4.8	44	
GIW-06	10/16/2019	39	42	ND	13	4.1	42	
GIW-06	11/15/2019	40	42	ND	13	3.3	34	
GIW-06	12/9/2019	29	36	1.6	30	3.4	37	
GIW-07	8/13/2019	50	46	ND	3.4	0.19	35	
GIW-07	9/5/2019	51	44	ND	4.4	0.097	ND	
GIW-07	10/16/2019	50	44	ND	4.9	0.11	ND	
GIW-07	11/15/2019	48	42	1.8	7.7	ND	ND	
GIW-07	12/9/2019	49	41	1.9	7.2	ND	ND	
GIW-08	8/13/2019	50	45	ND	4.5	0.038	ND	
GIW-08	9/6/2019	45	39	2.9	13	ND	ND	
GIW-08	10/16/2019	51	44	ND	4.4	ND	ND	
GIW-08	11/15/2019	50	43	ND	6.1	ND	ND	
GIW-08	12/9/2019	47	43	ND	8.9	ND	ND	
GIW-09	8/13/2019	22	38	ND	28	9.7	110	
GIW-09	9/6/2019	20	39	ND	29	10	100	
GIW-09	10/16/2019	25	41	ND	22	11	120	
GIW-09	11/15/2019	24	37	1.9	29	7.6	85	
GIW-09	12/9/2019	14	32	2.2	42	8.6	78	
GIW-10	8/14/2019	22	31	2.1	37	8.5	160	
GIW-10	9/6/2019	21	32	ND	34	11	190	
GIW-10	10/16/2019	23	32	ND	33	9.9	160	
GIW-10	11/15/2019	26	32	ND	32	8.1	150	
GIW-10	12/9/2019	17	31	ND	42	8.6	180	
GIW-11	8/14/2019	18	31	2.8	45	3.5	110	
GIW-11	9/6/2019	21	32	2.1	42	3.1	110	
GIW-11	10/16/2019	21	33	1.9	40	3.9	150	
GIW-11	11/15/2019	23	32	2.0	39	3.3	220	
GIW-11	12/9/2019	19	31	2.1	44	3.3	260	
GIW-12	8/14/2019	26	34	3.0	33	3.4	140	
GIW-12	9/6/2019	28	34	2.3	32	3.6	150	
GIW-12	10/16/2019	29	35	2.3	29	4.5	170	
GIW-12	11/15/2019	32	35	2.6	25	4.9	150	
GIW-12	12/9/2019	28	33	3.3	32	3.4	130	
GIW-13	8/14/2019	31	45	ND	12	10	220	
GIW-13	9/6/2019	32	43	ND	13	10	200	
GIW-13	10/16/2019	34	44	ND	10	10	200	
GIW-13	11/15/2019	34	47	ND	5.8	12	210	
GIW-13	12/9/2019	31	49	ND	7.1	12	190	
Flare Station ²	8/9/2019	17.6	40.5	4.6	27.9	8.2	330	See Note 6
Flare Station ²	9/9/2019	17.4	37.4	5.5	30.7	7.9	290	See Note 6
Flare Station ²	9/13/2019	17.4	37.2	5.6	30.5	8.1	290	See Note 6

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)					(ppm)	
<p>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.</p> <p>ND = Analyte not detected in sample.</p> <p>² = Flare Station Inlet measured at EPA Method 2 flow port (blower outlet)</p>								