

August 2017 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	8/7/2017 10:11	54.7	39.4	0.0	5.9	116.3	116.5	32.5	31.8	-0.4	-0.4	-13.0
GEW-002	8/8/2017 13:32	54.3	40.2	0.0	5.5	116.4	116.5	37.1	36.4	-0.4	-0.4	-13.3
GEW-002	8/8/2017 13:40	55.4	39.9	0.0	4.7	115.3	115.1	24.5	26.5	-0.1	-0.1	-13.1
GEW-002	8/16/2017 10:50	56.1	38.0	0.1	5.8	116.6	116.6	17.2	17.6	0.0	0.0	-12.2
GEW-002	8/17/2017 13:49	53.7	40.8	0.0	5.5	114.1	114.1	36.2	35.1	-0.3	-0.2	-12.0
GEW-002	8/22/2017 16:18	55.9	37.8	0.0	6.3	116.0	116.0	16.5	17.0	0.3	0.3	-11.1
GEW-002	8/22/2017 16:19	53.9	41.4	0.0	4.7	116.3	116.4	0.0	0.0	0.3	0.4	-10.0
GEW-002	8/23/2017 8:26	54.8	39.4	0.0	5.8	116.1	116.3	22.6	28.0	-0.6	-0.7	-12.4
GEW-002	8/28/2017 10:30	54.3	39.1	0.0	6.6	118.6	118.6	10.6	11.9	-0.5	-0.5	-12.6
GEW-003	8/7/2017 10:14	52.1	37.7	0.0	10.2	115.9	115.8	12.6	13.2	-0.5	-0.5	-12.8
GEW-003	8/7/2017 10:16	52.7	38.7	0.0	8.6	115.6	115.6	11.0	13.7	-0.5	-0.5	-12.7
GEW-003	8/8/2017 14:12	53.1	38.2	0.0	8.7	115.8	115.9	29.4	27.9	-0.1	-0.1	-12.6
GEW-003	8/8/2017 14:18	53.7	38.0	0.0	8.3	115.9	115.8	0.0	0.0	-0.1	-0.1	-13.0
GEW-003	8/16/2017 10:55	50.9	37.3	0.0	11.8	116.6	116.6	13.7	14.5	-0.3	-0.2	-12.7
GEW-003	8/17/2017 13:13	56.0	35.8	0.0	8.2	115.5	115.5	16.7	13.8	0.1	0.1	-12.0
GEW-003	8/17/2017 13:14	54.5	39.0	0.0	6.5	115.5	115.4	10.3	9.9	0.1	0.1	-12.2
GEW-003	8/22/2017 16:23	52.0	39.0	0.0	9.0	115.8	115.6	14.3	4.8	0.2	0.2	-10.7
GEW-003	8/22/2017 16:25	53.7	40.1	0.0	6.2	116.0	116.0	9.1	12.9	0.1	0.2	-11.9
GEW-003	8/23/2017 8:30	52.7	40.0	0.0	7.3	115.5	115.5	13.2	13.7	-0.5	-0.5	-12.5
GEW-003	8/28/2017 10:33	51.5	38.0	0.0	10.5	115.8	115.8	10.3	12.9	-0.3	-0.3	-12.0
GEW-004	8/7/2017 10:19	53.4	38.4	0.0	8.2	118.4	118.6	15.5	9.9	-0.4	-0.4	-12.4
GEW-004	8/7/2017 10:20	54.1	39.0	0.0	6.9	118.1	118.1	9.9	9.1	-0.4	-0.4	-12.6
GEW-004	8/8/2017 14:23	54.9	39.0	0.0	6.1	118.4	118.4	12.0	15.0	0.0	0.0	-12.8
GEW-004	8/8/2017 14:42	54.9	39.9	0.0	5.2	118.1	118.1	0.0	0.0	0.0	0.0	-13.0
GEW-004	8/16/2017 10:58	53.8	38.6	0.0	7.6	118.5	118.4	14.0	11.6	-0.2	-0.2	-11.2
GEW-004	8/17/2017 11:46	54.8	37.6	0.0	7.6	109.6	109.7	17.5	17.7	0.1	0.1	-11.9
GEW-004	8/17/2017 11:48	54.4	40.4	0.0	5.2	110.5	110.4	12.7	14.1	0.1	0.2	-12.1
GEW-004	8/18/2017 9:02	53.5	39.0	0.0	7.5	111.7	111.7	3.9	3.9	-0.2	-0.2	-12.7
GEW-004	8/22/2017 16:28	54.5	40.3	0.0	5.2	111.5	111.5	0.0	0.0	0.3	0.3	-11.5
GEW-004	8/22/2017 16:29	54.6	40.9	0.0	4.5	115.5	115.5	8.7	6.2	0.1	0.2	-9.1
GEW-004	8/23/2017 8:35	54.5	39.0	0.0	6.5	117.9	117.9	8.7	14.3	-0.4	-0.4	-12.4
GEW-004	8/28/2017 10:36	53.9	40.2	0.0	5.9	118.4	118.4	27.3	26.0	-0.2	-0.2	-12.5
GEW-005	8/7/2017 10:30	50.1	35.0	0.0	14.9	87.2	87.1	2.8	2.8	-0.1	-0.1	-12.9
GEW-005	8/8/2017 15:06	54.5	38.2	0.0	7.3	90.3	90.1	8.0	8.0	0.2	0.2	-12.6
GEW-005	8/8/2017 15:15	55.2	37.2	0.0	7.6	90.3	90.3	0.0	0.0	0.2	0.2	-12.7
GEW-005	8/16/2017 11:09	51.5	39.1	0.0	9.4	89.8	89.8	8.9	9.3	0.1	0.1	-12.4
GEW-005	8/16/2017 11:10	52.6	38.0	0.0	9.4	89.8	89.8	7.5	8.9	0.1	0.1	-12.4
GEW-005	8/17/2017 8:33	51.4	38.4	0.0	10.2	86.3	86.3	11.6	12.0	0.1	0.1	-12.7
GEW-005	8/17/2017 8:34	53.3	38.0	0.0	8.7	87.9	88.0	2.8	9.4	0.0	0.0	-13.1
GEW-005	8/18/2017 9:16	51.8	35.1	0.0	13.1	91.3	91.5	8.9	8.9	-0.2	-0.2	-12.7
GEW-005	8/22/2017 16:39	53.1	39.1	0.0	7.8	92.7	92.7	0.0	0.0	0.2	0.2	-11.9
GEW-005	8/22/2017 16:40	54.1	38.4	0.0	7.5	93.6	93.6	0.0	0.0	0.1	0.1	-11.8
GEW-005	8/23/2017 8:45	52.8	37.5	0.0	9.7	92.7	92.7	10.1	10.1	-0.2	-0.2	-12.0

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		(% vol)				°F		scfm		H ₂ O		
GEW-005	8/28/2017 10:48	53.2	37.7	0.0	9.1	94.1	94.1	8.4	8.4	0.0	0.0	-12.7
GEW-005	8/28/2017 10:49	53.7	37.3	0.0	9.0	94.1	94.1	12.2	13.4	0.0	0.0	-12.7
GEW-006	8/7/2017 8:18	55.3	39.0	0.2	5.5	89.6	89.6	15.4	15.4	-0.3	-0.3	-13.2
GEW-006	8/7/2017 8:20	55.5	38.5	0.1	5.9	89.6	89.6	8.9	4.9	-0.3	-0.3	-13.2
GEW-006	8/16/2017 8:15	55.3	38.0	0.0	6.7	90.6	90.7	8.4	10.9	-0.2	-0.2	-13.1
GEW-006	8/22/2017 14:25	59.1	32.4	0.0	8.5	91.7	91.7	15.9	16.6	0.0	0.0	-12.7
GEW-006	8/22/2017 14:26	58.7	37.7	0.0	3.6	91.8	91.7	12.2	11.9	-0.1	-0.1	-13.0
GEW-006	8/28/2017 8:55	57.4	37.4	0.0	5.2	90.4	90.4	0.0	0.0	-0.1	-0.1	-13.2
GEW-007	8/7/2017 8:46	56.9	37.6	0.0	5.5	94.8	94.8	4.0	4.8	-0.8	-0.8	-13.0
GEW-007	8/16/2017 8:40	55.7	38.4	0.0	5.9	95.5	95.5	6.8	8.8	-0.8	-0.8	-13.1
GEW-007	8/22/2017 14:55	56.2	38.8	0.0	5.0	97.7	97.7	37.3	38.2	-0.4	-0.4	-13.0
GEW-007	8/28/2017 9:15	56.3	39.0	0.0	4.7	95.5	95.6	22.0	29.7	-0.6	-0.6	-13.0
GEW-008	8/7/2017 8:51	54.7	38.1	0.0	7.2	111.7	111.7	13.8	11.0	-0.7	-0.6	-13.5
GEW-008	8/9/2017 8:21	51.9	42.2	0.0	5.9	112.3	112.5	18.1	17.4	-0.6	-0.6	-13.1
GEW-008	8/9/2017 8:29	51.8	42.3	0.0	5.9	112.2	112.2	16.1	17.6	-0.6	-0.6	-13.0
GEW-008	8/16/2017 8:44	53.5	39.1	0.0	7.4	112.2	112.0	15.3	14.6	-0.6	-0.6	-12.7
GEW-008	8/22/2017 14:59	53.4	41.0	0.0	5.6	112.7	112.7	9.1	13.5	-0.2	-0.2	-12.8
GEW-008	8/28/2017 9:20	53.3	40.9	0.0	5.8	112.6	112.7	9.5	9.9	-0.4	-0.4	-13.1
GEW-009	8/7/2017 8:55	52.5	41.1	0.0	6.4	122.1	121.8	0.0	0.0	-0.4	-0.4	-13.1
GEW-009	8/9/2017 8:35	51.4	40.6	0.0	8.0	122.1	122.1	16.8	17.7	-0.4	-0.3	-13.2
GEW-009	8/9/2017 8:42	51.3	41.0	0.0	7.7	122.3	122.1	20.4	17.7	-0.3	-0.4	-13.3
GEW-009	8/16/2017 8:49	51.6	40.5	0.0	7.9	122.6	122.8	35.7	36.3	-0.4	-0.4	-13.5
GEW-009	8/22/2017 15:02	51.0	41.3	0.0	7.7	123.1	123.1	24.9	25.5	-0.1	-0.2	-13.3
GEW-009	8/28/2017 9:24	51.5	41.0	0.0	7.5	122.6	122.6	13.1	15.9	-0.3	-0.3	-13.7
GEW-010	8/7/2017 8:31	57.1	39.4	0.0	3.5	76.1	76.1	4.2	4.1	-1.2	-1.2	-18.8
GEW-010	8/8/2017 13:40	57.6	37.5	0.0	4.9	97.2	97.3	5.7	6.1	-1.3	-1.3	-18.8
GEW-010	8/8/2017 13:46	56.6	39.5	0.0	3.9	97.2	97.2	3.6	3.6	-1.2	-1.2	-19.2
GEW-010	8/15/2017 13:46	56.2	38.9	0.0	4.9	106.2	106.2	5.2	5.2	-1.1	-1.1	-18.8
GEW-010	8/21/2017 14:15	57.1	38.6	0.0	4.3	104.8	104.8	7.7	7.8	-1.5	-1.5	-19.7
GEW-010	8/29/2017 13:41	56.6	39.0	0.0	4.4	92.4	92.3	5.4	5.4	-0.8	-0.8	-18.9
GEW-013A	8/1/2017 8:57	10.2	40.2	4.6	45.0	129.0	129.2	116.4	114.6	-3.7	-3.8	-15.5
GEW-013A	8/16/2017 14:13	12.2	46.0	3.0	38.8	132.6	132.7	111.2	113.3	-3.3	-3.2	-14.1
GEW-013A	8/16/2017 14:15	13.3	44.3	2.9	39.5	132.9	133.2	111.2	113.8	-3.2	-3.4	-13.5
GEW-015	8/1/2017 10:02	3.2	35.6	2.0	59.2	162.5	162.9	NFD		-3.1	-3.4	-13.5
GEW-015	8/1/2017 10:03	3.2	37.4	2.0	57.4	163.1	162.9	NFD		-3.3	-3.2	-13.0
GEW-015	8/17/2017 14:53	1.6	28.2	8.5	61.7	162.4	162.4	NFD		-1.9	-1.9	-13.6
GEW-015	8/17/2017 14:54	1.3	27.0	8.7	63.0	162.0	162.0	NFD		-2.0	-1.8	-13.0
GEW-016R	8/1/2017 10:12	3.0	43.2	0.8	53.0	182.1	180.8	NFD		-14.6	-17.5	-14.4
GEW-016R	8/1/2017 10:14	8.4	44.0	0.9	46.7	182.1	182.7	NFD		-15.5	-17.0	-15.3
GEW-016R	8/17/2017 14:44	3.0	48.6	0.4	48.0	182.4	182.7	NFD		-18.6	-18.4	-18.2
GEW-016R	8/17/2017 14:45	3.0	48.2	0.3	48.5	182.7	182.7	NFD		-18.6	-18.6	-18.3
GEW-018B	8/1/2017 10:46	7.3	45.6	3.5	43.6	182.7	182.7	4.5	5.0	-11.2	-11.2	-18.3
GEW-018B	8/1/2017 10:48	7.3	43.4	3.6	45.7	183.3	183.3	4.4	4.1	-11.2	-11.2	-17.8

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		(% vol)				°F		scfm		H ₂ O		
GEW-018B	8/2/2017 15:42	4.7	42.1	3.4	49.8	181.4	181.0	8.2	9.0	-11.3	-11.5	-17.8
GEW-018B	8/2/2017 15:50	4.5	41.7	3.4	50.4	171.0	170.6	28.1	28.3	-3.1	-3.1	-18.7
GEW-018B	8/17/2017 11:07	1.1	55.3	0.0	43.6	184.6	184.6	1.7	2.0	4.4	4.5	-18.2
GEW-018B	8/17/2017 11:09	1.1	55.9	0.0	43.0	193.6	193.6	4.1	5.0	-1.0	-1.0	-18.0
GEW-022R	8/1/2017 14:22	2.6	62.2	0.1	35.1	136.2	136.2	5.6	9.1	-15.7	-15.7	-19.1
GEW-022R	8/1/2017 14:23	2.2	63.0	0.1	34.7	136.0	135.9	10.1	9.2	-15.7	-15.7	-18.9
GEW-038	8/7/2017 9:28	1.3	57.1	0.2	41.4	78.2	78.4	3.1	1.2	-1.6	-1.6	-2.4
GEW-038	8/9/2017 9:45	1.6	51.9	1.3	45.2	91.7	92.0	3.6	3.6	-1.5	-1.5	-2.7
GEW-038	8/9/2017 9:50	0.8	53.4	1.3	44.5	95.0	95.1	2.0	5.6	-1.6	-1.6	-2.2
GEW-038	8/15/2017 14:43	1.4	55.7	0.0	42.9	110.2	110.3	4.0	3.5	0.6	0.6	0.0
GEW-038	8/15/2017 14:44	1.0	57.9	0.0	41.1	111.6	111.7	4.3	2.7	0.1	0.0	0.2
GEW-038	8/23/2017 10:53	1.7	37.6	8.4	52.3	90.6	90.6	4.6	5.4	-18.6	-18.7	-18.8
GEW-038	8/23/2017 10:55	0.6	37.8	8.7	52.9	91.2	91.1	1.8	2.4	-18.5	-18.1	-19.0
GEW-038	8/29/2017 14:59	0.6	38.6	8.2	52.6	99.3	99.4	1.1	2.4	-18.1	-17.7	-18.5
GEW-038	8/29/2017 15:00	0.5	38.1	8.3	53.1	101.3	101.4	0.9	0.9	-14.7	-14.7	-18.9
GEW-039	8/7/2017 9:39	43.4	53.0	0.0	3.6	113.2	113.2	13.6	8.9	-0.3	-0.4	-19.0
GEW-039	8/9/2017 10:23	43.7	51.3	0.0	5.0	117.3	117.3	15.6	12.0	-0.5	-0.4	-16.3
GEW-039	8/9/2017 10:27	44.4	46.3	0.0	9.3	117.1	117.1	12.3	12.3	-0.4	-1.0	-20.2
GEW-039	8/15/2017 14:54	43.2	51.8	0.0	5.0	119.9	119.9	8.2	8.5	-0.3	-0.4	-19.4
GEW-039	8/23/2017 11:02	44.2	51.4	0.0	4.4	115.4	115.3	10.6	11.6	-0.4	-0.4	-16.7
GEW-039	8/29/2017 15:13	43.8	51.1	0.0	5.1	116.6	116.8	5.5	8.5	-0.3	-0.2	-15.4
GEW-040	8/7/2017 9:22	54.3	41.2	0.0	4.5	87.0	87.2	23.8	24.6	-0.5	-0.5	-13.3
GEW-040	8/7/2017 9:23	56.2	40.4	0.0	3.4	87.8	87.8	41.1	41.2	-0.5	-0.5	-12.9
GEW-040	8/9/2017 10:19	55.7	39.8	0.0	4.5	93.4	93.4	14.8	15.9	-0.5	-0.5	-13.0
GEW-040	8/9/2017 10:25	55.8	39.6	0.0	4.6	93.4	93.4	11.6	15.8	-0.5	-0.5	-12.5
GEW-040	8/16/2017 9:17	52.3	39.4	0.0	8.3	91.7	91.7	8.4	10.5	-0.4	-0.5	-13.1
GEW-040	8/23/2017 9:47	55.6	40.3	0.0	4.1	85.1	85.2	10.9	11.3	-0.5	-0.5	-11.9
GEW-040	8/31/2017 9:30	55.5	41.9	0.0	2.6	74.7	74.7	7.2	7.2	-0.5	-0.5	-13.1
GEW-041R	8/2/2017 14:22	56.9	39.2	0.0	3.9	106.2	106.2	8.8	8.8	0.0	0.0	-10.9
GEW-041R	8/2/2017 14:23	56.9	39.1	0.0	4.0	106.3	106.2	10.7	9.2	0.0	0.0	-11.0
GEW-041R	8/7/2017 9:28	57.0	38.1	0.1	4.8	100.6	100.6	13.6	13.1	-0.3	-0.3	-13.5
GEW-041R	8/7/2017 9:29	56.7	38.5	0.2	4.6	100.4	100.4	34.4	34.6	-0.3	-0.3	-10.8
GEW-041R	8/16/2017 9:22	56.3	38.7	0.0	5.0	104.8	104.8	9.6	12.4	-0.2	-0.2	-12.3
GEW-041R	8/18/2017 14:15	56.1	36.4	0.1	7.4	106.0	106.0	6.2	10.4	-0.1	-0.1	-12.3
GEW-041R	8/22/2017 15:33	51.6	41.1	0.0	7.3	102.3	102.3	2.8	6.2	0.1	0.0	-12.6
GEW-041R	8/22/2017 15:34	56.5	39.4	0.0	4.1	102.7	102.7	0.0	0.0	0.0	0.0	-12.7
GEW-041R	8/23/2017 9:50	54.2	39.1	0.0	6.7	105.5	105.5	12.4	12.4	-0.2	-0.2	-12.1
GEW-041R	8/28/2017 9:51	55.8	38.7	0.0	5.5	106.0	106.0	12.7	13.9	-0.2	-0.2	-12.8
GEW-042R	8/7/2017 9:32	56.5	37.8	0.0	5.7	107.2	107.3	7.3	8.8	-0.7	-0.7	-11.1
GEW-042R	8/7/2017 9:33	55.5	40.1	0.0	4.4	107.3	107.5	24.4	25.2	-0.7	-0.7	-12.3
GEW-042R	8/9/2017 10:05	55.2	40.1	0.0	4.7	110.5	110.3	13.5	13.8	-0.6	-0.6	-12.0
GEW-042R	8/9/2017 10:11	54.8	39.8	0.0	5.4	110.2	110.2	15.1	16.1	-0.6	-0.6	-12.5
GEW-042R	8/16/2017 9:25	55.4	39.3	0.0	5.3	108.5	108.5	24.7	25.3	-0.6	-0.6	-12.7

August 2017 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	8/16/2017 9:27	54.5	40.8	0.0	4.7	108.6	108.3	31.6	32.0	-0.5	-0.5	-12.7
GEW-042R	8/16/2017 10:27	54.8	39.1	0.0	6.1	107.7	107.7	14.6	14.9	-0.3	-0.3	-12.6
GEW-042R	8/22/2017 15:38	55.0	38.0	0.0	7.0	110.0	109.9	8.7	8.7	-0.1	-0.2	-12.4
GEW-042R	8/28/2017 9:54	55.0	40.3	0.0	4.7	109.2	109.3	8.7	10.0	-0.4	-0.4	-12.8
GEW-043R	8/7/2017 9:37	55.1	39.1	0.0	5.8	118.5	118.6	23.1	23.6	-0.4	-0.4	-13.1
GEW-043R	8/7/2017 9:39	54.2	41.4	0.0	4.4	119.2	119.1	11.0	11.0	-0.5	-0.5	-13.3
GEW-043R	8/15/2017 14:48	50.4	40.2	0.0	9.4	120.7	120.7	12.6	13.7	0.1	0.1	-11.8
GEW-043R	8/15/2017 14:59	53.4	42.1	0.0	4.5	120.7	120.7	0.0	0.0	0.2	0.2	-11.8
GEW-043R	8/15/2017 15:01	51.7	43.2	0.0	5.1	121.3	121.3	0.0	0.0	0.1	0.1	-12.0
GEW-043R	8/16/2017 9:31	53.8	39.4	0.0	6.8	119.4	119.4	22.1	23.1	-0.5	-0.6	-12.7
GEW-043R	8/16/2017 9:32	53.7	41.3	0.0	5.0	119.4	119.4	37.6	37.4	-0.5	-0.5	-12.9
GEW-043R	8/22/2017 15:42	54.3	39.4	0.0	6.3	119.2	119.2	2.7	6.1	0.3	0.3	-12.6
GEW-043R	8/22/2017 15:44	53.6	41.8	0.0	4.6	119.9	119.9	14.0	14.0	0.2	0.2	-13.0
GEW-043R	8/23/2017 9:54	54.8	39.5	0.0	5.7	120.5	120.5	28.2	28.7	-0.5	-0.5	-12.2
GEW-043R	8/28/2017 9:58	53.1	40.8	0.0	6.1	120.5	120.5	9.9	11.9	-0.2	-0.2	-12.8
GEW-044	8/7/2017 9:44	55.8	39.6	0.0	4.6	90.3	90.4	5.6	5.6	-0.5	-0.5	-13.2
GEW-044	8/15/2017 15:58	54.0	41.3	0.0	4.7	97.2	97.2	7.9	8.4	0.2	0.2	-12.0
GEW-044	8/15/2017 16:15	53.7	41.4	0.0	4.9	97.9	97.8	8.4	9.7	-0.1	-0.1	-11.7
GEW-044	8/16/2017 9:36	52.0	39.1	0.0	8.9	89.1	89.3	8.4	9.3	-0.2	-0.2	-13.1
GEW-044	8/22/2017 15:48	53.0	39.9	0.0	7.1	94.1	94.1	0.0	0.0	0.1	0.1	-12.8
GEW-044	8/22/2017 15:50	55.6	39.9	0.0	4.5	94.4	94.5	0.0	0.0	0.0	0.0	-11.8
GEW-044	8/23/2017 9:58	55.1	40.1	0.0	4.8	94.6	94.6	10.5	10.8	-0.6	-0.6	-11.9
GEW-044	8/28/2017 10:02	54.9	39.8	0.0	5.3	96.0	96.0	4.0	0.0	-0.3	-0.3	-12.8
GEW-045R	8/2/2017 14:26	55.6	40.7	0.0	3.7	106.0	106.0	4.9	4.9	-0.5	-0.5	-11.6
GEW-045R	8/7/2017 9:48	56.2	38.2	0.0	5.6	90.0	90.1	7.4	9.7	-0.2	-0.2	-12.9
GEW-045R	8/8/2017 13:58	55.8	38.8	0.0	5.4	96.0	96.2	0.0	5.6	-0.7	-0.7	-12.7
GEW-045R	8/8/2017 14:06	56.8	39.7	0.0	3.5	98.2	98.2	7.4	10.8	-0.7	-0.7	-13.1
GEW-045R	8/16/2017 9:42	54.2	38.9	0.0	6.9	92.2	92.2	0.0	8.9	0.0	0.0	-13.1
GEW-045R	8/16/2017 9:43	53.3	41.3	0.0	5.4	92.6	92.6	10.1	5.6	-0.2	-0.2	-13.1
GEW-045R	8/17/2017 8:44	52.7	39.4	0.0	7.9	91.9	91.9	11.2	10.1	-0.2	-0.2	-13.1
GEW-045R	8/18/2017 8:52	54.4	38.6	0.0	7.0	94.4	94.4	6.3	7.9	-0.2	-0.2	-12.8
GEW-045R	8/18/2017 8:59	52.6	39.9	0.0	7.5	115.8	115.8	9.5	10.3	-0.4	-0.4	-12.6
GEW-045R	8/22/2017 15:53	55.5	38.7	0.0	5.8	91.5	91.5	0.0	0.0	-1.4	-1.4	-11.9
GEW-045R	8/28/2017 10:06	54.2	39.5	0.0	6.3	96.0	96.0	6.3	5.6	0.2	0.2	-12.7
GEW-045R	8/28/2017 10:07	52.8	42.2	0.0	5.0	96.5	96.5	9.7	9.3	-1.1	-1.1	-12.7
GEW-046R	8/7/2017 9:52	54.8	38.9	0.0	6.3	100.1	100.1	10.0	9.2	-0.5	-0.5	-13.0
GEW-046R	8/8/2017 13:44	54.9	38.4	0.0	6.7	101.8	101.8	12.4	10.8	-0.3	-0.3	-12.9
GEW-046R	8/8/2017 13:53	55.1	39.8	0.0	5.1	101.8	101.8	36.2	36.6	-0.3	-0.3	-12.8
GEW-046R	8/16/2017 9:50	54.1	39.5	0.0	6.4	100.8	100.8	36.0	36.3	-0.4	-0.4	-12.8
GEW-046R	8/17/2017 14:21	53.3	35.3	0.0	11.4	100.8	100.8	8.8	10.1	0.1	0.2	-12.2
GEW-046R	8/17/2017 14:22	54.2	39.7	0.0	6.1	101.3	101.3	10.0	12.8	0.1	0.1	-12.0
GEW-046R	8/18/2017 8:56	53.4	39.8	0.0	6.8	100.0	100.0	7.9	11.5	-0.2	-0.2	-13.1
GEW-046R	8/22/2017 15:56	55.1	38.9	0.0	6.0	101.6	101.6	30.6	31.1	0.1	0.1	-11.4

August 2017 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	8/22/2017 15:58	55.2	40.3	0.0	4.5	102.1	102.3	10.0	9.6	0.1	0.1	-12.2
GEW-046R	8/23/2017 8:22	53.1	39.8	0.0	7.1	100.0	99.9	41.5	41.5	-0.4	-0.4	-11.7
GEW-046R	8/28/2017 10:11	53.9	39.9	0.0	6.2	102.1	102.1	6.2	8.8	-0.3	-0.3	-12.4
GEW-047R	8/2/2017 14:20	55.1	41.5	0.0	3.4	106.4	107.0	7.4	7.4	0.3	0.3	-11.2
GEW-047R	8/2/2017 14:22	55.0	41.3	0.0	3.7	107.6	107.6	8.3	7.9	0.3	0.3	-11.6
GEW-047R	8/8/2017 14:51	55.1	40.7	0.0	4.2	91.8	91.9	8.4	7.4	0.3	0.3	-12.7
GEW-047R	8/8/2017 14:58	55.1	40.0	0.0	4.9	96.5	96.5	9.7	9.7	0.2	0.2	-12.9
GEW-047R	8/16/2017 11:05	51.1	39.8	0.6	8.5	88.2	88.2	14.1	13.8	0.1	0.1	-12.4
GEW-047R	8/16/2017 11:06	52.6	40.7	0.0	6.7	90.8	91.0	5.6	9.3	0.1	0.1	-12.5
GEW-047R	8/17/2017 8:39	54.9	40.3	0.0	4.8	111.8	111.8	14.3	14.9	0.0	0.0	-12.8
GEW-047R	8/17/2017 8:40	54.3	41.0	0.0	4.7	111.7	111.7	14.3	14.3	0.0	0.0	-12.8
GEW-047R	8/18/2017 8:20	53.4	40.6	0.1	5.9	107.9	108.0	10.0	10.7	-0.2	-0.2	-12.8
GEW-047R	8/22/2017 16:35	53.3	41.0	0.0	5.7	107.2	107.3	0.0	2.8	0.3	0.3	-11.8
GEW-047R	8/22/2017 16:36	53.8	41.3	0.0	4.9	107.0	107.2	0.0	0.0	0.2	0.2	-11.8
GEW-047R	8/28/2017 10:43	53.4	41.1	0.0	5.5	107.5	107.5	7.8	9.6	0.0	0.0	-12.3
GEW-047R	8/28/2017 10:44	53.2	41.5	0.0	5.3	107.5	107.5	9.6	10.0	0.1	0.0	-12.5
GEW-047R	8/30/2017 10:17	56.5	41.5	0.0	2.0	107.5	107.4	5.5	6.2	-0.1	-0.1	-12.6
GEW-048	8/7/2017 10:33	53.5	35.4	0.0	11.1	104.3	104.3	8.3	12.4	-0.4	-0.4	-7.7
GEW-048	8/8/2017 15:23	54.4	38.3	0.0	7.3	104.8	104.8	27.6	27.6	0.0	0.0	-8.6
GEW-048	8/8/2017 15:29	55.2	36.9	0.0	7.9	104.8	104.9	29.5	29.4	0.0	0.0	-7.7
GEW-048	8/16/2017 11:14	54.1	38.8	0.0	7.1	105.0	105.0	27.2	31.8	-0.2	-0.2	-10.6
GEW-048	8/22/2017 16:43	53.7	37.6	0.0	8.7	104.5	104.5	11.8	9.2	-0.1	-0.1	-8.6
GEW-048	8/23/2017 8:50	52.0	35.5	0.0	12.5	104.0	103.9	15.9	13.9	-0.4	-0.4	-7.1
GEW-048	8/28/2017 10:52	55.0	38.1	0.0	6.9	104.6	104.5	3.9	11.1	-0.2	-0.2	-5.5
GEW-049	8/7/2017 8:33	55.2	37.5	0.0	7.3	110.0	110.0	0.0	0.0	-0.3	-0.3	-13.3
GEW-049	8/9/2017 9:48	54.2	39.3	0.0	6.5	111.1	111.2	15.1	15.6	-0.1	-0.1	-12.6
GEW-049	8/9/2017 9:54	54.6	37.1	0.0	8.3	111.2	111.0	0.0	0.0	-0.1	-0.1	-12.7
GEW-049	8/15/2017 15:32	52.6	40.6	0.0	6.8	113.1	113.0	9.6	9.6	0.1	0.1	-11.4
GEW-049	8/15/2017 15:36	53.2	41.2	0.0	5.6	112.2	112.2	22.9	22.9	0.2	0.2	-9.0
GEW-049	8/15/2017 15:39	52.7	41.6	0.0	5.7	113.0	113.0	8.3	8.7	0.1	0.1	-10.4
GEW-049	8/16/2017 8:27	55.2	37.3	0.0	7.5	110.6	110.7	11.4	13.2	-0.4	-0.4	-12.9
GEW-049	8/16/2017 8:28	54.5	39.2	0.0	6.3	110.7	110.7	15.1	16.3	-0.4	-0.4	-13.1
GEW-049	8/22/2017 14:37	55.6	38.0	0.0	6.4	111.0	111.2	28.8	29.4	0.0	0.0	-12.5
GEW-049	8/22/2017 14:39	55.2	39.9	0.0	4.9	111.2	111.2	27.5	28.3	0.0	-0.1	-12.5
GEW-049	8/28/2017 9:05	55.5	37.6	0.0	6.9	110.1	110.2	8.7	11.4	-0.2	-0.2	-12.9
GEW-050	8/7/2017 8:28	56.6	38.7	0.0	4.7	106.5	106.5	16.4	10.4	-0.4	-0.4	-7.7
GEW-050	8/7/2017 8:29	56.3	38.9	0.0	4.8	106.5	106.3	13.6	16.2	-0.4	-0.4	-8.5
GEW-050	8/16/2017 8:22	58.6	36.2	0.0	5.2	106.7	106.8	16.6	20.0	-0.3	-0.3	-5.1
GEW-050	8/16/2017 8:23	57.3	38.2	0.0	4.5	106.7	106.6	11.8	13.6	-0.3	-0.3	-7.3
GEW-050	8/22/2017 14:32	56.0	36.0	0.0	8.0	107.9	108.0	30.3	29.7	0.0	0.1	-5.2
GEW-050	8/22/2017 14:34	57.3	38.8	0.0	3.9	108.0	108.0	31.4	28.4	0.0	0.0	-7.6
GEW-050	8/23/2017 9:32	55.8	38.6	0.0	5.6	107.2	107.2	30.3	29.4	-0.3	-0.2	-7.7
GEW-050	8/28/2017 9:01	55.3	35.8	0.0	8.9	107.0	107.0	9.6	12.4	-0.2	-0.2	-6.2

August 2017 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-051	8/7/2017 8:38	54.9	38.9	0.0	6.2	125.0	124.7	0.0	0.0	-0.4	-0.4	-12.7
GEW-051	8/7/2017 8:39	54.6	40.1	0.0	5.3	124.7	124.7	0.0	0.0	-0.4	-0.4	-13.0
GEW-051	8/15/2017 15:07	51.5	41.6	0.0	6.9	127.2	127.2	11.2	10.6	0.3	0.3	-11.6
GEW-051	8/15/2017 15:24	51.9	42.2	0.0	5.9	124.4	124.5	28.5	28.0	0.3	0.3	-12.0
GEW-051	8/15/2017 15:26	51.5	42.5	0.0	6.0	125.3	125.3	5.5	3.9	0.3	0.3	-11.8
GEW-051	8/16/2017 8:32	54.0	37.9	0.0	8.1	124.8	125.0	9.4	12.2	-0.5	-0.5	-12.7
GEW-051	8/16/2017 8:33	54.0	40.1	0.0	5.9	125.0	124.7	11.9	10.2	-0.4	-0.4	-13.7
GEW-051	8/22/2017 14:43	54.3	39.1	0.0	6.6	126.3	126.4	22.3	25.1	0.2	0.2	-12.3
GEW-051	8/22/2017 14:44	54.2	40.4	0.0	5.4	127.5	127.5	13.1	13.9	0.0	0.0	-12.4
GEW-051	8/23/2017 9:27	55.3	37.1	0.0	7.6	126.4	126.4	15.6	19.8	-0.7	-0.7	-11.7
GEW-051	8/28/2017 9:08	54.6	38.8	0.0	6.6	125.6	125.8	0.0	9.0	-0.4	-0.4	-12.8
GEW-052	8/7/2017 8:42	51.7	38.6	0.0	9.7	113.5	113.5	0.0	0.0	-0.3	-0.3	-13.0
GEW-052	8/16/2017 8:36	52.2	38.1	0.0	9.7	113.6	113.5	11.7	12.6	-0.3	-0.3	-13.2
GEW-052	8/22/2017 14:51	53.1	37.8	0.0	9.1	115.1	115.1	27.0	29.4	-0.1	-0.1	-12.8
GEW-052	8/28/2017 9:11	53.0	38.6	0.0	8.4	114.0	114.0	29.6	32.2	-0.2	-0.2	-12.8
GEW-053	8/7/2017 9:00	49.1	39.5	0.0	11.4	132.1	132.3	9.4	9.4	-0.4	-0.4	-13.4
GEW-053	8/7/2017 9:01	49.5	41.9	0.0	8.6	132.9	132.9	10.5	9.4	-0.4	-0.4	-13.3
GEW-053	8/9/2017 9:09	49.7	41.3	0.0	9.0	133.7	133.8	15.8	15.8	-0.2	-0.2	-13.0
GEW-053	8/9/2017 9:15	49.3	41.5	0.0	9.2	133.8	133.8	16.2	14.6	-0.2	-0.2	-13.1
GEW-053	8/15/2017 13:49	48.5	41.1	0.0	10.4	135.0	135.1	25.1	25.8	0.1	0.1	-12.3
GEW-053	8/15/2017 13:55	49.1	41.3	0.0	9.6	134.4	134.4	25.7	25.7	0.1	0.1	-11.1
GEW-053	8/15/2017 13:56	48.5	41.9	0.0	9.6	134.6	134.7	0.0	0.0	0.1	0.1	-7.1
GEW-053	8/16/2017 8:55	49.1	40.1	0.0	10.8	133.8	134.0	12.7	12.4	-0.5	-0.5	-12.7
GEW-053	8/16/2017 8:56	48.8	41.8	0.0	9.4	134.1	134.0	9.0	12.7	-0.5	-0.5	-13.1
GEW-053	8/23/2017 9:36	51.8	37.6	0.0	10.6	133.8	133.8	12.1	11.8	-0.6	-0.6	-12.8
GEW-053	8/23/2017 9:38	49.6	42.6	0.0	7.8	133.8	133.5	12.1	14.3	-0.6	-0.6	-11.9
GEW-053	8/28/2017 9:30	48.7	42.5	0.0	8.8	121.9	122.1	0.0	0.0	0.3	0.3	-1.3
GEW-053	8/28/2017 9:31	48.8	42.6	0.0	8.6	123.8	123.9	0.0	0.0	0.2	0.2	-1.3
GEW-053	8/31/2017 9:13	50.2	43.9	0.0	5.9	136.2	136.2	14.6	14.7	-0.7	-0.7	-13.5
GEW-053	8/31/2017 9:14	49.7	43.9	0.0	6.4	136.8	136.5	12.7	15.5	-0.8	-0.8	-13.8
GEW-054	8/7/2017 9:09	52.1	40.9	0.0	7.0	139.3	139.3	35.6	30.7	-3.8	-3.8	-12.8
GEW-054	8/7/2017 9:10	52.1	41.4	0.0	6.5	139.3	139.3	34.2	40.3	-3.8	-3.9	-12.3
GEW-054	8/9/2017 8:54	52.2	40.8	0.0	7.0	140.2	140.2	38.3	37.5	-3.6	-3.6	-13.3
GEW-054	8/9/2017 9:01	52.3	41.3	0.0	6.4	140.2	140.2	35.3	36.6	-3.5	-3.5	-10.8
GEW-054	8/15/2017 12:47	53.0	38.0	0.0	9.0	140.2	140.2	36.3	31.9	-3.4	-3.3	-12.7
GEW-054	8/15/2017 14:24	50.6	41.6	0.0	7.8	140.6	140.6	33.5	38.2	-3.2	-3.1	-11.5
GEW-054	8/15/2017 14:45	49.4	39.1	0.0	11.5	140.5	140.6	37.6	39.5	-3.1	-3.1	-12.3
GEW-054	8/16/2017 9:03	51.9	38.0	0.0	10.1	140.2	140.2	37.2	37.5	-3.9	-4.0	-13.3
GEW-054	8/16/2017 9:04	51.9	41.0	0.0	7.1	140.2	140.2	45.8	38.7	-3.8	-3.9	-13.3
GEW-054	8/22/2017 15:28	51.1	40.4	0.0	8.5	139.6	139.6	38.8	35.0	-3.1	-3.0	-12.9
GEW-054	8/22/2017 15:28	51.5	41.3	0.0	7.2	139.6	139.6	33.8	34.6	-3.0	-3.1	-13.1
GEW-054	8/28/2017 9:40	51.7	40.1	0.0	8.2	140.9	140.9	34.8	31.7	-3.3	-3.3	-13.4
GEW-054	8/28/2017 9:41	50.8	41.9	0.0	7.3	140.9	141.0	34.5	33.9	-3.3	-3.3	-13.6

August 2017 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-055	8/2/2017 14:27	50.6	39.7	0.0	9.7	135.3	135.3	9.8	6.1	0.4	0.4	-1.5
GEW-055	8/2/2017 14:28	49.8	41.9	0.0	8.3	136.2	136.2	9.4	8.1	0.3	0.3	-1.5
GEW-055	8/7/2017 9:18	49.6	40.4	0.4	9.6	114.9	115.0	3.9	9.9	-0.4	-0.4	-3.4
GEW-055	8/7/2017 9:19	49.3	41.6	0.2	8.9	114.8	114.8	11.0	7.3	-0.4	-0.4	-3.7
GEW-055	8/9/2017 9:20	49.6	41.7	0.0	8.7	135.9	136.0	27.0	27.7	-0.2	-0.2	-2.9
GEW-055	8/9/2017 9:27	49.3	40.6	0.0	10.1	135.8	135.9	16.9	15.0	-0.2	-0.1	-3.3
GEW-055	8/15/2017 13:25	49.6	38.0	0.0	12.4	136.5	136.5	10.5	11.8	0.0	0.0	-2.0
GEW-055	8/15/2017 13:32	48.5	41.6	0.2	9.7	139.6	139.6	10.4	11.7	-0.5	-0.5	-9.7
GEW-055	8/15/2017 13:38	48.8	41.7	0.0	9.5	138.7	138.7	6.0	6.0	-0.2	-0.2	-11.8
GEW-055	8/16/2017 9:12	49.4	39.3	0.3	11.0	137.4	137.6	8.9	10.8	-0.6	-0.6	-13.1
GEW-055	8/16/2017 9:14	49.1	41.5	0.2	9.2	136.8	136.8	34.8	34.9	-0.5	-0.5	-13.1
GEW-055	8/23/2017 9:41	48.9	40.8	0.1	10.2	138.3	138.3	12.6	12.1	-0.5	-0.5	-11.9
GEW-055	8/23/2017 9:42	49.4	42.2	0.0	8.4	138.3	138.3	16.4	15.2	-0.4	-0.4	-12.2
GEW-055	8/31/2017 9:19	49.3	43.4	0.0	7.3	139.3	139.1	10.2	10.2	-0.5	-0.5	-13.1
GEW-055	8/31/2017 9:25	49.3	43.9	0.0	6.8	139.0	138.7	8.7	8.3	-0.4	-0.4	-13.0
GEW-056R	8/7/2017 8:46	18.9	53.4	0.0	27.7	122.3	122.4	3.9	3.1	-0.3	-0.3	-18.2
GEW-056R	8/8/2017 14:20	18.1	52.3	0.0	29.6	127.2	127.2	2.6	3.2	-0.2	-0.2	-18.4
GEW-056R	8/8/2017 14:28	17.9	51.0	0.0	31.1	127.2	126.9	2.6	2.6	-0.2	-0.2	-18.4
GEW-056R	8/15/2017 13:58	16.8	52.0	0.0	31.2	136.2	136.2	3.2	3.2	-0.2	-0.2	-18.9
GEW-056R	8/15/2017 13:59	17.0	53.6	0.0	29.4	136.8	136.8	1.5	2.4	-0.2	-0.2	-18.6
GEW-056R	8/21/2017 14:26	23.9	46.6	0.0	29.5	132.5	132.3	1.5	2.1	-0.4	-0.4	-19.7
GEW-056R	8/21/2017 14:27	24.4	49.0	0.0	26.6	132.6	132.6	2.1	2.1	-0.4	-0.4	-19.7
GEW-056R	8/29/2017 13:57	24.9	49.1	0.0	26.0	128.9	128.9	1.9	2.1	-0.4	-0.4	-18.4
GEW-057B	8/1/2017 10:46	5.3	45.2	3.0	46.5	93.1	93.2	7.2	6.3	-17.2	-16.2	-17.1
GEW-057B	8/1/2017 10:47	5.7	46.5	2.5	45.3	93.4	93.6	7.2	8.1	-17.6	-15.2	-17.1
GEW-057B	8/16/2017 10:42	6.8	46.4	2.1	44.7	88.4	88.4	20.0	23.3	-17.2	-15.6	-16.9
GEW-057R	8/1/2017 10:52	20.5	41.1	0.5	37.9	107.2	107.2	21.4	20.9	-6.8	-6.4	-15.0
GEW-057R	8/16/2017 10:45	0.0	4.1	21.2	74.7	89.1	89.1	10.0	4.7	-0.7	-0.7	-16.3
GEW-057R	8/16/2017 10:47	0.0	0.8	21.3	77.9	89.8	89.8	2.3	3.6	-0.1	-0.1	-16.8
GEW-058	8/1/2017 9:45	8.6	35.5	2.0	53.9	130.6	130.6	25.0	21.4	-6.4	-6.4	-18.9
GEW-058	8/16/2017 10:05	10.6	38.4	0.4	50.6	114.3	114.4	17.8	13.2	-8.3	-8.3	-18.3
GEW-058A	8/1/2017 9:42	3.7	25.5	2.5	68.3	124.2	124.2	2.8	1.9	-2.5	-2.5	-18.3
GEW-058A	8/16/2017 10:02	19.2	37.2	0.5	43.1	109.5	109.5	3.5	3.5	-1.7	-1.7	-19.3
GEW-059R	8/1/2017 9:28	10.9	47.6	0.0	41.5	171.0	171.1	11.1	10.0	-19.1	-19.1	-19.2
GEW-059R	8/1/2017 9:30	9.8	49.3	0.0	40.9	171.0	171.2	7.8	7.8	-18.1	-18.1	-18.3
GEW-059R	8/16/2017 9:43	12.3	47.5	0.0	40.2	167.6	168.1	6.2	6.1	-19.0	-18.8	-18.8
GEW-059R	8/16/2017 9:45	12.0	48.9	0.0	39.1	168.1	168.1	10.4	10.8	-19.4	-18.6	-19.9
GEW-067A	8/1/2017 8:52	4.0	55.2	0.0	40.8	88.6	88.6	5.7	10.5	0.2	0.2	0.2
GEW-067A	8/1/2017 8:53	4.1	56.0	0.0	39.9	88.9	88.9	2.6	2.6	0.3	0.3	0.2
GEW-067A	8/16/2017 14:08	6.5	54.6	0.0	38.9	98.4	98.4	2.5	8.7	0.2	0.2	0.3
GEW-067A	8/16/2017 14:09	3.7	57.5	0.0	38.8	98.7	98.7	4.7	6.1	0.2	0.1	0.6
GEW-067A	8/22/2017 14:57	9.7	50.4	0.0	39.9	168.1	168.1	4.9	4.9	-0.3	-0.3	-18.3
GEW-067A	8/22/2017 14:58	9.5	50.7	0.0	39.8	168.1	168.0	5.3	7.7	-0.2	-0.3	-18.4

August 2017 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-077	8/25/2017 11:21	0.7	47.7	0.2	51.4	129.4	129.4	38.6	41.6	-18.6	-18.9	-16.6
GEW-078R	8/17/2017 14:14	13.2	43.3	0.0	43.5	171.0	171.0	8.6	8.8	-17.2	-17.2	-17.1
GEW-078R	8/17/2017 14:15	13.1	46.7	0.0	40.2	171.0	171.0	8.5	8.5	-16.7	-16.7	-16.6
GEW-081	8/1/2017 14:09	0.9	52.1	1.4	45.6	92.4	92.4	NR	NR	-18.6	-18.6	-18.8
GEW-081	8/17/2017 10:14	0.6	56.0	1.2	42.2	100.8	99.7	5.6	5.6	-4.3	-4.3	-4.4
GEW-082R	8/1/2017 13:53	8.2	37.2	4.6	50.0	180.9	180.9	12.7	4.6	-17.6	-17.2	-17.7
GEW-082R	8/1/2017 13:55	9.8	39.3	4.5	46.4	181.5	181.5	7.3	5.9	-17.2	-17.6	-17.6
GEW-082R	8/17/2017 11:13	12.5	36.7	5.4	45.4	179.2	179.2	5.5	5.2	-17.1	-17.5	-17.5
GEW-082R	8/17/2017 11:14	12.7	35.7	5.8	45.8	178.6	179.2	5.3	5.3	-16.5	-16.5	-18.0
GEW-086	8/1/2017 9:06	4.2	52.0	0.0	43.8	93.1	93.1	2.3	3.4	0.1	0.1	0.3
GEW-086	8/1/2017 9:08	4.5	56.7	0.0	38.8	94.0	94.1	1.6	3.4	0.1	0.1	0.2
GEW-086	8/16/2017 14:41	4.4	53.6	0.0	42.0	107.3	107.4	2.5	3.7	0.1	0.1	0.4
GEW-086	8/16/2017 14:43	5.5	57.1	0.0	37.4	107.5	107.5	3.5	3.2	0.1	0.1	0.3
GEW-086	8/22/2017 15:11	23.3	51.3	0.0	25.4	114.5	114.5	6.4	6.6	-1.1	-1.1	-18.9
GEW-087	8/1/2017 9:12	2.8	33.2	3.7	60.3	178.2	178.2	NFD	NFD	-18.0	-19.0	-17.8
GEW-087	8/1/2017 9:14	3.1	32.6	3.6	60.7	178.2	178.2	NFD	NFD	-18.1	-17.3	-18.5
GEW-087	8/16/2017 14:48	5.7	55.6	0.2	38.5	195.7	195.7	NFD	NFD	-18.2	-17.9	-17.5
GEW-087	8/16/2017 14:49	6.6	51.9	0.1	41.4	195.7	195.7	NFD	NFD	-18.2	-18.4	-16.4
GEW-087	8/17/2017 15:18	3.6	57.5	0.0	38.9	195.7	195.7	NFD	NFD	-18.3	-18.6	-18.2
GEW-087	8/17/2017 15:19	4.1	59.5	0.0	36.4	195.7	195.7	NFD	NFD	-17.2	-18.4	-17.7
GEW-088	8/22/2017 15:07	9.0	49.5	0.0	41.5	193.6	193.6	45.7	48.2	-3.6	-3.6	-18.9
GEW-088	8/22/2017 15:08	8.7	50.2	0.0	41.1	193.6	193.6	49.0	44.9	-3.7	-3.8	-19.1
GEW-090	8/1/2017 8:37	16.4	44.4	0.0	39.2	173.2	173.1	10.6	10.2	-20.0	-20.2	-19.6
GEW-090	8/1/2017 8:38	16.4	47.0	0.0	36.6	174.0	173.6	16.0	20.8	-19.5	-20.0	-17.6
GEW-090	8/16/2017 13:56	16.0	47.7	0.0	36.3	170.5	170.5	20.3	12.1	-19.9	-19.9	-18.5
GEW-090	8/16/2017 13:57	16.1	46.9	0.0	37.0	169.5	169.0	15.9	13.3	-18.6	-19.7	-17.0
GEW-090	8/22/2017 14:48	14.1	48.3	0.0	37.6	182.7	182.7	20.4	20.4	-18.6	-18.6	-19.4
GEW-090	8/22/2017 14:49	14.9	49.7	0.0	35.4	183.3	183.3	18.8	15.9	-18.1	-18.6	-18.8
GEW-091	8/1/2017 8:29	3.4	55.9	0.0	40.7	179.2	179.2	5.4	5.5	-10.8	-10.6	-10.6
GEW-091	8/1/2017 8:30	3.1	55.7	0.0	41.2	179.7	179.2	6.6	4.1	-10.6	-10.8	-10.5
GEW-091	8/16/2017 13:46	1.7	54.7	0.0	43.6	185.8	186.4	16.2	15.5	-9.8	-9.4	-9.7
GEW-091	8/16/2017 13:47	2.1	56.3	0.0	41.6	186.4	186.8	11.0	10.1	-10.6	-10.0	-10.0
GEW-091	8/22/2017 14:38	2.1	59.1	0.0	38.8	194.3	194.8	15.9	14.3	-18.6	-18.1	-18.9
GEW-091	8/22/2017 14:40	2.2	60.2	0.0	37.6	194.4	194.3	18.8	22.3	-16.2	-15.9	-17.3
GEW-101	8/1/2017 11:16	15.7	61.1	0.2	23.0	105.5	105.6	15.9	16.4	-0.5	-0.4	-8.7
GEW-101	8/16/2017 14:29	13.4	62.8	1.7	22.1	106.0	106.0	21.9	20.6	-0.5	-0.5	-15.1
GEW-102	8/1/2017 11:06	9.2	36.1	8.1	46.6	91.7	91.7	NR	NR	-18.1	-18.1	-18.0
GEW-102	8/1/2017 11:07	9.5	35.6	7.9	47.0	91.7	91.7	NR	NR	-17.6	-18.6	-17.6
GEW-102	8/16/2017 11:11	10.1	46.3	3.2	40.4	91.9	91.9	6.3	4.4	-17.6	-17.6	-17.4
GEW-104	8/1/2017 10:27	0.6	35.0	7.2	57.2	92.7	92.7	1.1	2.9	-12.7	-13.2	-13.3
GEW-104	8/1/2017 10:28	0.1	42.5	7.5	49.9	92.9	92.9	1.1	1.1	-13.2	-13.2	-14.1
GEW-104	8/16/2017 10:34	1.8	35.4	7.7	55.1	90.3	90.3	1.9	3.7	-12.2	-12.2	-12.4
GEW-104	8/16/2017 10:36	1.2	43.7	6.2	48.9	90.0	89.9	1.1	1.5	-11.9	-12.2	-12.3

August 2017 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-105	8/1/2017 10:01	19.2	41.4	5.6	33.8	154.0	154.2	12.0	11.1	-12.5	-12.7	-12.6
GEW-105	8/1/2017 10:02	18.6	40.8	6.2	34.4	150.2	149.5	6.4	6.1	-3.1	-3.1	-12.7
GEW-105	8/16/2017 10:14	15.7	45.2	2.5	36.6	154.8	154.8	0.6	1.7	-1.6	-1.6	-13.0
GEW-105	8/16/2017 10:15	15.0	48.0	2.5	34.5	154.0	154.1	5.1	3.7	-1.6	-1.5	-9.9
GEW-106	8/1/2017 9:47	24.5	45.6	0.9	29.0	102.2	102.3	5.4	5.3	-0.6	-0.6	-13.9
GEW-106	8/16/2017 10:08	29.0	53.0	0.0	18.0	92.3	92.4	2.3	2.3	-0.7	-0.7	-12.9
GEW-107	8/1/2017 9:34	0.1	1.6	20.5	77.8	100.8	100.8	13.5	13.7	-18.6	-19.1	-18.7
GEW-107	8/1/2017 9:35	0.0	0.9	20.4	78.7	101.8	101.9	4.4	7.2	-18.6	-18.6	-18.4
GEW-107	8/16/2017 9:48	0.1	5.2	20.3	74.4	85.8	85.8	9.8	9.8	-19.0	-19.0	-19.7
GEW-107	8/16/2017 9:50	0.0	1.5	20.8	77.7	86.3	86.3	6.5	6.5	-18.6	-18.6	-18.2
GEW-108	8/1/2017 9:04	3.1	46.5	3.9	46.5	90.5	91.0	2.2	2.2	-20.1	-20.1	-19.9
GEW-108	8/16/2017 9:36	1.6	33.2	3.8	61.4	84.1	84.1	3.5	7.1	-18.6	-19.0	-18.3
GEW-108	8/16/2017 9:37	0.3	36.1	2.9	60.7	84.9	84.9	3.7	3.7	-19.1	-19.1	-19.2
GEW-109	8/7/2017 9:34	30.4	48.6	0.0	21.0	99.6	99.4	2.9	2.6	-18.0	-18.0	-19.8
GEW-109	8/7/2017 9:36	30.3	50.6	0.0	19.1	96.5	96.2	1.9	2.2	-11.4	-11.3	-18.7
GEW-109	8/9/2017 10:14	31.2	47.3	0.0	21.5	101.7	101.8	1.6	1.6	-9.7	-9.7	-19.0
GEW-109	8/9/2017 10:19	29.9	47.6	0.0	22.5	101.3	101.3	1.9	2.5	-8.5	-8.5	-19.2
GEW-109	8/15/2017 14:50	28.7	49.3	0.2	21.8	108.5	108.5	1.1	1.5	-6.9	-6.9	-18.5
GEW-109	8/23/2017 11:00	31.7	45.5	0.0	22.8	95.8	96.0	2.8	2.3	-7.5	-7.5	-18.6
GEW-109	8/29/2017 15:11	32.0	45.8	0.0	22.2	102.3	102.3	3.3	3.8	-6.3	-6.4	-16.2
GEW-110	8/7/2017 8:35	6.9	21.4	11.6	60.1	80.4	80.5	2.6	2.5	-0.1	-0.1	-18.2
GEW-110	8/7/2017 8:36	7.8	21.5	10.8	59.9	80.9	80.9	3.1	2.0	-0.1	-0.1	-19.1
GEW-110	8/8/2017 13:50	7.2	23.8	10.0	59.0	95.5	95.5	1.1	1.6	-0.1	-0.1	-19.0
GEW-110	8/8/2017 13:56	6.6	21.9	10.6	60.9	96.0	96.0	2.0	1.6	-0.1	-0.1	-18.7
GEW-110	8/15/2017 13:49	1.3	9.5	15.8	73.4	102.3	102.3	3.6	3.0	-0.2	-0.2	-18.6
GEW-110	8/15/2017 13:50	0.8	7.6	16.1	75.5	103.1	103.2	1.6	1.6	-0.2	-0.2	-18.4
GEW-110	8/21/2017 14:18	9.1	23.5	11.0	56.4	102.3	102.3	1.1	1.1	-0.2	-0.2	-19.8
GEW-110	8/21/2017 14:19	8.2	22.8	11.4	57.6	102.5	102.5	1.1	1.6	-0.2	-0.2	-19.9
GEW-110	8/29/2017 13:44	8.5	30.1	9.4	52.0	98.4	98.4	1.1	2.3	-0.2	-0.2	-18.3
GEW-110	8/29/2017 13:47	8.0	29.3	9.8	52.9	98.1	98.1	2.8	1.1	-0.1	-0.1	-18.6
GEW-113	8/1/2017 10:07	9.2	40.4	1.5	48.9	157.7	157.7	25.6	28.6	-15.5	-15.5	-17.7
GEW-113	8/1/2017 10:09	9.5	40.9	1.5	48.1	158.1	158.1	27.7	27.5	-15.6	-15.6	-17.8
GEW-113	8/17/2017 14:48	7.7	44.2	0.5	47.6	157.5	157.7	28.2	29.6	-16.1	-16.0	-18.6
GEW-113	8/17/2017 14:50	7.8	42.7	0.5	49.0	156.0	156.0	19.3	20.1	-9.9	-9.9	-19.9
GEW-116	8/1/2017 10:52	11.0	53.4	1.4	34.2	187.6	187.6	14.0	14.0	-15.1	-15.1	-17.7
GEW-116	8/1/2017 10:53	12.5	60.8	1.2	25.5	188.3	188.1	7.9	15.7	-10.8	-10.7	-18.9
GEW-116	8/17/2017 10:57	7.0	64.4	0.5	28.1	190.2	190.2	9.6	8.8	-7.7	-7.7	-18.8
GEW-116	8/17/2017 10:59	8.3	67.1	0.0	24.6	187.6	187.3	9.9	6.8	-1.0	-1.0	-18.0
GEW-117	8/1/2017 11:05	21.6	43.4	2.0	33.0	124.2	124.2	NR	NR	-17.5	-17.6	-17.9
GEW-117	8/17/2017 10:42	26.4	56.0	0.0	17.6	134.4	134.1	NR	NR	-17.5	-17.5	-18.0
GEW-117	8/17/2017 10:43	26.7	56.9	0.0	16.4	134.3	134.4	NR	NR	-17.0	-17.1	-17.4
GEW-118	8/1/2017 13:45	1.7	56.0	0.1	42.2	194.3	194.3	73.2	73.3	-8.8	-8.7	-18.5
GEW-118	8/1/2017 13:46	1.4	56.7	0.0	41.9	194.3	194.3	70.4	69.4	-9.7	-9.7	-18.5

August 2017 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-118	8/17/2017 10:37	0.9	57.5	0.0	41.6	194.3	194.3	66.7	64.8	-9.3	-9.3	-18.1
GEW-118	8/17/2017 10:38	0.8	58.4	0.0	40.8	194.3	194.3	68.4	64.4	-8.8	-8.8	-18.0
GEW-120	8/1/2017 11:09	26.5	49.4	1.1	23.0	158.0	158.0	25.9	28.9	-15.2	-16.7	-13.4
GEW-120	8/1/2017 11:10	28.8	52.3	0.8	18.1	158.3	158.2	28.7	42.6	-15.3	-12.7	-12.4
GEW-120	8/15/2017 15:00	19.2	55.7	0.0	25.1	164.3	164.3	32.8	25.3	-16.6	-16.2	-17.7
GEW-120	8/15/2017 15:02	18.0	57.0	0.0	25.0	164.3	164.3	27.3	25.8	-16.4	-15.7	-16.9
GEW-121	8/1/2017 14:13	12.3	53.4	0.1	34.2	173.6	173.6	15.2	20.4	-17.6	-18.1	-17.0
GEW-121	8/1/2017 14:14	12.6	54.5	0.0	32.9	173.6	173.6	22.9	32.5	-17.1	-18.6	-16.6
GEW-121	8/17/2017 10:25	12.9	55.3	0.0	31.8	177.5	178.0	42.5	41.6	-16.5	-15.6	-14.3
GEW-121	8/17/2017 10:27	12.3	56.7	0.0	31.0	178.0	178.0	31.7	27.3	-15.0	-13.6	-15.1
GEW-122	8/1/2017 14:03	13.3	39.6	0.2	46.9	165.1	165.1	22.2	22.4	-18.1	-18.1	-18.7
GEW-122	8/1/2017 14:06	13.6	43.3	0.1	43.0	165.7	165.5	23.6	23.4	-18.6	-18.1	-19.2
GEW-122	8/17/2017 10:09	13.4	46.2	0.0	40.4	168.2	168.5	8.7	8.7	-5.8	-5.8	-5.8
GEW-122	8/17/2017 10:10	14.0	47.9	0.0	38.1	167.6	168.1	14.4	14.7	-5.8	-5.6	-5.9
GEW-123	8/1/2017 14:17	11.8	55.6	0.4	32.2	168.6	168.5	4.5	4.2	-4.0	-4.0	-19.0
GEW-123	8/1/2017 14:18	12.3	57.6	0.4	29.7	169.5	169.5	2.8	1.4	-4.0	-4.0	-18.7
GEW-123	8/17/2017 10:20	18.3	57.1	0.1	24.5	148.8	149.1	3.1	1.8	-5.8	-5.8	-17.4
GEW-123	8/17/2017 10:22	18.3	57.2	0.2	24.3	144.9	144.8	1.0	2.5	-4.3	-4.3	-18.2
GEW-124	8/1/2017 14:27	6.9	26.1	15.2	51.8	89.6	89.8	4.4	2.7	-16.2	-16.2	-16.5
GEW-124	8/1/2017 14:28	6.5	13.0	16.9	63.6	90.6	90.6	1.6	2.9	-16.2	-16.2	-16.2
GEW-125	8/1/2017 14:33	4.5	53.5	0.2	41.8	188.9	188.9	29.5	28.8	-17.2	-17.3	-19.2
GEW-125	8/1/2017 14:35	4.4	56.4	0.1	39.1	188.9	188.9	28.3	28.3	-17.2	-17.3	-19.1
GEW-125	8/17/2017 9:30	4.6	57.8	0.0	37.6	188.3	188.3	28.1	28.9	-15.7	-15.7	-17.5
GEW-125	8/17/2017 9:32	4.5	59.2	0.0	36.3	188.4	188.7	24.7	25.3	-13.7	-13.5	-17.5
GEW-126	8/1/2017 14:43	27.6	48.0	0.2	24.2	103.0	103.0	10.8	15.2	-10.3	-10.3	-10.7
GEW-126	8/17/2017 9:21	33.3	53.5	0.0	13.2	92.2	92.4	10.3	6.7	-8.9	-8.7	-9.1
GEW-127	8/1/2017 14:38	6.2	57.7	1.4	34.7	183.9	183.3	30.7	25.1	-16.5	-15.2	-19.4
GEW-127	8/1/2017 14:39	6.1	58.5	1.4	34.0	183.3	183.3	21.8	18.8	-11.8	-12.3	-18.0
GEW-127	8/17/2017 9:08	7.4	60.4	0.1	32.1	182.7	182.5	22.0	18.7	-13.5	-13.1	-14.9
GEW-127	8/17/2017 9:09	7.3	62.8	0.1	29.8	182.2	182.1	26.6	26.9	-10.9	-11.3	-15.2
GEW-128	8/1/2017 14:29	7.9	64.9	0.0	27.2	185.1	185.1	20.9	23.4	-3.0	-3.0	-19.5
GEW-128	8/1/2017 14:30	7.9	65.4	0.0	26.7	185.1	185.1	20.5	22.1	-3.0	-3.0	-18.8
GEW-128	8/16/2017 15:08	9.9	63.7	0.0	26.4	182.1	182.1	26.7	26.5	-8.9	-8.9	-18.0
GEW-128	8/16/2017 15:09	10.4	64.0	0.0	25.6	182.1	182.1	22.1	22.5	-5.9	-5.9	-18.0
GEW-129	8/1/2017 14:26	1.3	57.3	0.1	41.3	91.0	90.9	12.4	16.2	-7.4	-7.4	-7.7
GEW-129	8/16/2017 15:03	0.5	72.7	0.0	26.8	195.7	195.7	5.7	7.3	-17.5	-17.2	-17.5
GEW-129	8/16/2017 15:05	0.3	76.6	0.0	23.1	197.9	197.3	19.2	16.5	-17.6	-17.2	-17.8
GEW-130	8/1/2017 14:42	6.5	47.0	4.1	42.4	182.8	182.7	40.9	37.3	-8.8	-8.8	-18.9
GEW-130	8/1/2017 14:43	6.3	47.0	4.0	42.7	182.7	182.7	40.3	39.1	-8.8	-8.8	-18.6
GEW-130	8/11/2017 9:54	6.5	44.6	4.1	44.8	176.4	176.4	35.6	23.9	-7.4	-7.4	-18.7
GEW-130	8/11/2017 10:29	3.9	50.4	2.3	43.4	185.4	185.3	35.0	22.7	-2.6	-2.6	-17.8
GEW-130	8/17/2017 9:14	4.4	55.5	1.1	39.0	185.7	185.4	23.5	32.1	-2.6	-2.6	-18.3
GEW-130	8/17/2017 9:15	4.7	55.1	1.2	39.0	185.7	185.7	19.2	15.3	-2.6	-2.6	-17.5

August 2017 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	8/1/2017 15:10	38.5	44.3	0.0	17.2	176.9	176.9	29.7	30.6	-13.3	-13.3	-19.0
GEW-131	8/1/2017 15:12	36.0	45.2	0.0	18.8	177.5	177.5	22.7	21.2	-11.3	-11.3	-19.0
GEW-131	8/17/2017 9:25	19.1	45.1	0.0	35.8	171.8	171.6	16.1	16.4	-12.9	-12.9	-17.2
GEW-131	8/17/2017 9:26	15.5	47.0	0.0	37.5	173.6	173.8	12.5	12.8	-11.0	-10.9	-17.8
GEW-132	8/1/2017 13:49	1.2	27.4	11.4	60.0	152.9	152.5	4.5	0.0	-0.1	-0.1	-18.4
GEW-132	8/1/2017 13:50	0.7	23.9	11.4	64.0	154.8	154.8	1.0	6.3	0.0	0.0	-18.4
GEW-132	8/2/2017 14:39	2.7	40.1	1.0	56.2	175.8	175.8	7.9	7.3	-0.2	-0.2	-18.1
GEW-132	8/2/2017 14:40	2.5	42.0	1.0	54.5	175.8	175.8	13.5	13.7	-0.2	-0.2	-18.1
GEW-132	8/17/2017 10:32	4.5	42.9	0.3	52.3	166.1	165.2	3.6	2.9	-0.3	-0.4	-17.1
GEW-132	8/17/2017 10:34	4.4	42.3	0.3	53.0	166.1	166.5	4.6	3.3	-0.3	-0.3	-16.6
GEW-133	8/1/2017 10:56	18.0	55.0	0.0	27.0	170.9	170.6	16.5	18.3	-16.8	-16.8	-17.6
GEW-133	8/1/2017 10:58	19.9	56.0	0.0	24.1	171.0	171.0	17.7	16.5	-17.0	-16.9	-18.2
GEW-133	8/17/2017 10:52	11.6	56.9	0.0	31.5	170.5	170.5	11.3	7.3	-16.5	-16.5	-17.9
GEW-133	8/17/2017 10:54	12.1	57.5	0.0	30.4	170.0	170.0	15.4	15.5	-15.1	-14.8	-16.8
GEW-134	8/1/2017 10:42	11.4	53.2	0.1	35.3	139.6	139.6	1.5	4.7	-0.1	-0.1	-17.9
GEW-134	8/1/2017 10:43	13.5	54.8	0.0	31.7	145.3	145.6	3.5	2.6	-0.2	-0.2	-17.9
GEW-134	8/17/2017 11:02	12.8	52.2	0.2	34.8	135.9	135.9	1.5	2.1	-0.1	-0.1	-18.4
GEW-134	8/17/2017 11:04	12.9	51.2	0.2	35.7	152.1	152.5	3.7	2.7	-0.5	-0.4	-18.2
GEW-135	8/1/2017 10:36	2.8	51.2	0.1	45.9	175.9	175.9	8.3	9.9	0.2	0.3	-17.9
GEW-135	8/1/2017 10:38	3.0	55.0	0.0	42.0	185.5	185.1	28.3	33.0	-1.9	-1.7	-17.6
GEW-135	8/17/2017 14:33	7.2	55.6	0.2	37.0	171.0	170.9	20.4	20.4	-1.8	-1.8	-18.6
GEW-135	8/17/2017 14:34	7.1	56.6	0.1	36.2	171.0	171.0	15.9	15.9	-1.9	-1.9	-18.6
GEW-136	8/1/2017 10:31	7.2	27.6	8.3	56.9	129.7	129.7	2.9	6.0	-0.1	-0.1	-8.6
GEW-136	8/1/2017 10:33	7.8	29.7	8.5	54.0	130.3	130.2	5.9	5.0	-0.1	-0.1	-8.1
GEW-136	8/17/2017 14:28	6.3	33.6	6.7	53.4	127.4	127.5	3.6	4.1	-0.1	-0.1	-8.3
GEW-136	8/17/2017 14:29	6.2	34.3	6.8	52.7	126.9	126.9	3.6	3.6	-0.1	-0.1	-9.0
GEW-137	8/1/2017 10:28	21.8	29.6	1.2	47.4	101.4	101.6	1.1	1.6	-12.4	-12.5	-17.3
GEW-137	8/17/2017 14:23	27.1	37.6	0.0	35.3	97.0	97.1	3.0	2.3	0.1	0.1	0.4
GEW-137	8/17/2017 14:24	27.4	36.8	0.0	35.8	97.9	97.9	3.9	3.9	0.1	0.1	0.4
GEW-138	8/1/2017 10:23	7.8	30.0	3.1	59.1	133.5	133.8	5.0	9.5	-0.3	-0.3	-17.3
GEW-138	8/1/2017 10:25	8.0	28.5	3.0	60.5	132.3	132.3	5.7	3.7	-0.2	-0.2	-18.1
GEW-138	8/17/2017 14:18	19.9	49.1	0.0	31.0	148.0	148.0	7.3	3.3	-0.1	0.0	-15.9
GEW-138	8/17/2017 14:19	20.8	48.6	0.0	30.6	149.9	150.2	3.3	3.3	-0.2	-0.2	-16.6
GEW-139	8/1/2017 14:19	6.7	39.2	4.1	50.0	159.0	159.0	33.3	34.9	-16.2	-16.6	-18.2
GEW-139	8/1/2017 14:20	6.6	40.1	4.1	49.2	159.0	159.0	28.8	28.8	-13.3	-13.4	-18.3
GEW-139	8/11/2017 8:38	13.7	50.0	0.3	36.0	156.9	156.9	8.5	8.2	-11.8	-11.8	-17.1
GEW-139	8/11/2017 8:55	12.9	51.0	0.2	35.9	145.6	144.9	16.3	10.2	-0.7	-0.8	-18.0
GEW-139	8/11/2017 14:20	0.5	54.4	0.0	45.1	145.6	145.6	15.1	15.9	1.6	1.6	-17.8
GEW-139	8/11/2017 14:22	0.8	55.5	0.0	43.7	167.5	168.1	38.0	38.0	-1.3	-1.4	-17.6
GEW-139	8/16/2017 14:54	0.2	58.3	0.0	41.5	184.5	184.5	10.2	10.4	0.3	0.4	-16.0
GEW-139	8/16/2017 14:56	0.4	58.4	0.0	41.2	184.6	184.7	13.4	13.3	-0.4	-0.4	-18.0
GEW-140	8/1/2017 14:02	15.7	44.4	1.8	38.1	119.9	120.0	15.4	19.6	-3.9	-4.0	-19.7
GEW-140	8/16/2017 14:43	0.3	62.6	0.0	37.1	107.5	107.5	1.8	4.3	3.2	3.2	3.0

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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-140	8/16/2017 14:44	0.4	61.3	0.0	38.3	107.5	107.5	2.3	6.9	3.2	3.2	3.0
GEW-143	8/1/2017 11:44	1.0	37.7	7.1	54.2	102.8	102.8	2.2	2.2	-15.6	-15.6	-16.0
GEW-143	8/1/2017 11:46	0.9	12.8	15.7	70.6	102.8	102.8	2.4	2.4	-15.6	-15.1	-15.2
GEW-143	8/16/2017 14:17	0.3	31.5	10.0	58.2	103.0	103.0	0.6	0.6	-15.3	-15.3	-16.0
GEW-143	8/16/2017 14:19	0.0	16.0	16.2	67.8	103.6	103.6	0.6	2.8	-15.7	-15.7	-16.4
GEW-144	8/1/2017 11:40	2.3	56.5	0.0	41.2	98.9	99.1	2.3	2.3	2.5	2.5	2.7
GEW-144	8/1/2017 11:41	2.6	57.0	0.0	40.4	100.8	100.9	2.8	2.3	2.2	2.2	2.5
GEW-144	8/16/2017 14:22	1.7	55.0	0.0	43.3	101.6	101.6	2.8	2.8	1.5	1.5	1.5
GEW-144	8/16/2017 14:24	1.6	57.6	0.0	40.8	102.5	102.6	3.1	3.1	0.9	0.9	0.7
GEW-145	8/1/2017 11:11	0.3	11.7	18.3	69.7	91.0	91.0	4.4	5.7	-17.6	-18.1	-17.4
GEW-145	8/1/2017 11:12	0.2	6.7	19.2	73.9	91.2	91.2	3.1	4.0	-18.1	-18.1	-18.2
GEW-145	8/16/2017 11:16	3.7	52.6	0.0	43.7	94.5	94.5	6.5	7.9	-9.3	-9.4	-17.3
GEW-146	8/1/2017 9:56	3.5	16.6	9.4	70.5	105.5	105.5	15.7	13.0	-0.1	-0.1	-17.4
GEW-146	8/1/2017 9:57	3.7	16.1	9.4	70.8	105.3	105.3	14.3	12.5	-0.1	-0.1	-18.1
GEW-146	8/17/2017 15:12	2.9	18.3	6.7	72.1	105.8	105.8	15.4	15.4	-0.1	-0.1	-19.0
GEW-146	8/17/2017 15:13	2.9	17.2	6.7	73.2	106.0	106.0	13.1	15.2	-0.1	-0.1	-19.6
GEW-147	8/1/2017 10:17	13.6	44.6	0.0	41.8	187.0	187.0	41.1	42.0	-16.6	-16.5	-17.4
GEW-147	8/1/2017 10:18	14.8	47.7	0.0	37.5	187.0	187.0	41.4	39.5	-16.5	-16.5	-17.5
GEW-147	8/17/2017 14:56	11.3	47.6	0.0	41.1	187.7	187.7	41.7	42.2	-17.2	-17.2	-17.8
GEW-147	8/17/2017 14:58	11.9	51.6	0.0	36.5	188.3	188.3	42.1	42.1	-16.6	-16.6	-18.2
GEW-148	8/1/2017 9:18	3.7	49.7	1.5	45.1	154.4	154.0	10.0	5.8	-18.0	-17.5	-17.9
GEW-148	8/1/2017 9:19	3.7	51.5	1.6	43.2	153.7	153.7	13.7	10.1	-18.1	-17.9	-18.2
GEW-148	8/16/2017 14:54	8.1	51.3	0.4	40.2	119.4	119.5	3.6	9.1	-17.9	-17.9	-17.2
GEW-148	8/17/2017 15:22	4.1	55.4	0.7	39.8	109.0	109.0	15.9	15.9	-18.6	-18.6	-18.5
GEW-149	8/1/2017 8:47	18.3	46.3	1.1	34.3	109.5	109.5	20.4	15.3	-0.3	-0.3	-7.6
GEW-149	8/1/2017 8:49	18.5	45.1	1.1	35.3	109.6	109.5	14.5	11.1	-0.5	-0.5	-8.1
GEW-149	8/16/2017 14:05	20.3	47.2	0.2	32.3	111.2	111.3	8.8	8.7	-0.4	-0.5	-5.4
GEW-149	8/22/2017 14:53	18.6	50.8	0.1	30.5	138.3	138.3	13.5	14.0	-0.2	-0.2	-5.8
GEW-149	8/22/2017 14:54	18.2	51.3	0.1	30.4	138.3	138.3	10.9	14.7	-0.2	-0.2	-5.7
GEW-150	8/1/2017 10:24	23.5	49.6	1.5	25.4	128.9	128.9	8.5	9.0	-1.6	-1.6	-14.1
GEW-150	8/16/2017 10:31	21.3	46.0	0.7	32.0	128.6	128.6	6.6	6.6	-1.7	-1.7	-16.6
GEW-151	8/1/2017 9:01	1.6	46.6	0.0	51.8	90.1	90.1	4.9	6.0	0.5	0.4	0.7
GEW-151	8/1/2017 9:02	1.7	46.9	0.0	51.4	90.3	90.3	0.0	2.8	0.4	0.5	0.7
GEW-151	8/16/2017 14:19	3.8	44.1	0.0	52.1	99.4	99.5	2.8	3.9	0.5	0.4	0.7
GEW-151	8/16/2017 14:20	1.8	47.7	0.0	50.5	100.4	100.4	2.0	3.8	0.5	0.5	0.7
GEW-151	8/22/2017 15:04	27.6	52.1	0.0	20.3	96.2	97.0	33.7	37.4	-8.5	-11.0	-19.4
GEW-152	8/1/2017 9:37	0.1	0.5	20.9	78.5	97.7	98.2	2.9	1.5	-18.1	-18.1	-19.7
GEW-152	8/1/2017 9:39	0.1	0.2	21.0	78.7	100.6	100.6	2.9	1.9	-18.1	-17.6	-18.5
GEW-152	8/3/2017 10:55	1.1	49.3	0.1	49.5	102.9	103.0	3.4	3.4	3.3	3.3	-19.2
GEW-152	8/3/2017 10:57	1.4	51.8	0.0	46.8	131.7	132.6	3.4	2.8	-1.6	-1.6	-19.5
GEW-152	8/10/2017 11:27	17.8	49.2	1.3	31.7	139.9	139.9	2.2	1.3	-5.8	-5.8	-19.2
GEW-152	8/10/2017 11:28	18.7	47.9	0.9	32.5	128.9	128.1	2.3	2.3	-3.9	-3.9	-18.7
GEW-152	8/16/2017 9:53	8.9	50.5	0.0	40.6	110.5	110.5	3.5	3.5	2.3	2.3	-18.1

August 2017 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-152	8/16/2017 9:55	10.5	52.2	0.0	37.3	142.2	142.2	2.3	3.8	-1.2	-1.2	-18.6
GEW-153	8/1/2017 9:25	38.9	43.2	0.0	17.9	116.6	116.6	1.9	2.9	-2.3	-2.3	-19.2
GEW-153	8/16/2017 9:40	46.6	43.1	0.0	10.3	105.7	105.5	1.5	3.0	-1.8	-1.8	-18.6
GEW-154	8/1/2017 8:33	16.0	42.1	3.5	38.4	165.7	165.7	6.2	5.1	-1.9	-1.9	-11.2
GEW-154	8/1/2017 8:34	18.3	38.5	3.3	39.9	161.2	161.1	3.7	6.0	-0.8	-0.8	-14.0
GEW-154	8/16/2017 13:50	1.3	55.7	0.0	43.0	178.6	178.6	1.4	3.0	0.7	0.7	-10.9
GEW-154	8/16/2017 13:52	6.1	53.2	0.0	40.7	185.3	185.6	6.2	5.3	-0.1	-0.1	-7.7
GEW-154	8/22/2017 14:43	23.6	36.2	4.7	35.5	154.5	154.5	8.7	6.9	-4.6	-4.6	-20.0
GEW-154	8/22/2017 14:45	23.6	34.8	4.7	36.9	151.3	151.6	3.8	4.6	-3.1	-3.1	-19.3
GEW-155	8/1/2017 13:59	2.7	22.9	6.1	68.3	147.0	147.0	10.4	14.2	-0.4	-0.3	-14.6
GEW-155	8/1/2017 14:00	2.2	21.5	6.2	70.1	147.1	147.2	14.5	13.7	-0.4	-0.4	-15.2
GEW-155	8/2/2017 14:46	2.3	22.2	5.1	70.4	148.4	148.4	14.1	11.8	-0.4	-0.3	-13.9
GEW-155	8/2/2017 15:00	2.3	20.1	5.1	72.5	149.9	149.9	11.8	12.0	-0.4	-0.4	-14.0
GEW-155	8/17/2017 11:20	8.3	26.3	1.3	64.1	96.6	97.0	3.5	3.7	0.0	0.0	0.5
GEW-155	8/17/2017 11:26	8.0	25.5	1.3	65.2	98.2	98.2	3.9	3.2	0.0	0.0	0.1
GEW-156	8/1/2017 10:56	28.2	41.7	2.2	27.9	111.7	112.0	1.6	1.6	0.0	0.0	-19.2
GEW-156	8/1/2017 10:58	29.1	42.1	1.9	26.9	120.2	120.1	3.3	4.5	-0.1	-0.1	-18.5
GEW-156	8/16/2017 11:04	25.9	37.7	0.7	35.7	109.8	109.9	2.2	2.2	0.0	0.0	-18.3
GEW-156	8/16/2017 11:05	25.3	38.7	0.9	35.1	119.1	119.2	6.3	7.9	-0.2	-0.2	-18.5
GEW-157	8/1/2017 10:39	0.1	5.4	19.8	74.7	92.0	92.2	1.9	4.4	-16.6	-16.2	-16.2
GEW-157	8/1/2017 10:41	0.0	3.4	20.3	76.3	93.6	93.6	1.9	3.5	-15.6	-15.6	-14.4
GEW-157	8/16/2017 10:38	0.1	12.7	16.8	70.4	88.1	88.2	3.9	1.5	-15.6	-15.6	-17.9
GEW-157	8/16/2017 10:40	0.1	13.0	17.1	69.8	88.6	88.6	1.5	2.7	-15.7	-15.7	-16.4
GEW-158	8/1/2017 9:52	2.6	56.1	0.0	41.3	100.6	100.8	19.1	19.1	-13.6	-13.6	-18.2
GEW-158	8/16/2017 10:11	37.0	49.8	0.0	13.2	107.5	107.9	7.3	8.5	-0.6	-0.6	-18.5
GEW-159	8/1/2017 9:00	16.4	27.5	9.6	46.5	87.2	87.0	3.6	2.8	-3.0	-3.0	-2.9
GEW-159	8/1/2017 9:02	15.4	28.0	10.1	46.5	87.2	87.3	3.0	1.2	-3.1	-3.1	-3.3
GEW-159	8/16/2017 9:31	13.4	49.3	0.0	37.3	85.7	85.6	1.3	2.0	0.6	0.6	-0.8
GEW-159	8/16/2017 9:33	12.5	52.0	0.0	35.5	85.8	85.8	3.7	1.2	-0.4	-0.4	-1.0
GEW-160	8/1/2017 8:21	3.9	47.3	0.2	48.6	84.9	84.9	6.2	5.5	0.0	0.0	0.2
GEW-160	8/1/2017 8:22	2.1	52.4	0.0	45.5	84.9	84.9	5.5	3.9	0.0	0.0	0.2
GEW-160	8/11/2017 15:09	5.5	52.2	0.5	41.8	90.3	91.0	8.2	8.9	-1.5	-1.5	-1.5
GEW-160	8/16/2017 13:36	2.1	51.6	0.0	46.3	110.0	110.0	0.0	0.0	0.2	0.2	0.3
GEW-160	8/16/2017 13:38	2.0	55.0	0.0	43.0	109.6	109.5	20.3	8.4	0.1	0.1	0.0
GEW-160	8/22/2017 14:31	3.3	57.1	0.0	39.6	98.2	98.0	12.8	9.9	-18.3	-18.6	-18.3
GEW-161	8/1/2017 8:25	2.7	52.7	0.5	44.1	84.2	84.2	2.3	2.0	0.0	0.0	0.2
GEW-161	8/1/2017 8:26	2.7	53.9	0.5	42.9	84.8	84.9	2.3	2.3	0.0	0.0	0.2
GEW-161	8/11/2017 15:11	0.5	51.1	2.3	46.1	89.3	89.3	7.5	6.2	-1.0	-1.0	-1.6
GEW-161	8/16/2017 13:41	0.4	56.3	0.0	43.3	102.5	102.5	6.9	1.7	24.8	24.8	0.6
GEW-161	8/16/2017 13:43	0.4	56.2	0.0	43.4	103.7	103.6	1.1	4.4	6.3	6.4	0.7
GEW-161	8/22/2017 14:34	0.0	32.8	10.4	56.8	86.6	86.8	1.6	3.8	-18.6	-18.6	-18.8
GEW-161	8/22/2017 14:36	0.0	17.8	16.3	65.9	86.5	86.5	2.9	2.9	-16.0	-16.0	-18.5
GEW-162	8/1/2017 8:42	19.4	55.4	1.1	24.1	86.2	86.3	9.2	2.2	-19.2	-19.0	-18.9

August 2017 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-162	8/1/2017 8:44	17.4	56.5	2.0	24.1	86.8	86.8	10.2	5.7	-18.5	-18.6	-19.1
GEW-162	8/16/2017 14:02	22.6	52.4	1.1	23.9	96.5	96.5	6.6	2.2	-17.9	-17.9	-17.6
GEW-163	8/7/2017 13:25	16.3	48.5	1.1	34.1	166.5	166.1	13.5	13.3	-0.7	-0.7	-17.2
GEW-163	8/7/2017 13:26	15.4	51.8	0.9	31.9	166.3	166.1	14.5	17.1	-0.7	-0.7	-15.3
GEW-163	8/14/2017 10:11	14.4	54.5	0.1	31.0	182.5	182.6	27.3	15.8	-0.3	-0.3	-15.8
GEW-163	8/14/2017 10:12	13.8	56.5	0.1	29.6	182.7	182.7	34.9	22.4	-0.2	-0.2	-14.1
GEW-163	8/21/2017 9:48	14.8	52.3	0.2	32.7	180.9	180.9	30.6	25.0	-0.3	-0.2	-15.4
GEW-163	8/21/2017 9:49	14.6	54.2	0.0	31.2	180.9	181.0	28.6	28.5	-0.3	-0.2	-16.2
GEW-163	8/28/2017 10:12	7.6	39.7	3.8	48.9	180.9	180.9	25.4	21.8	-0.4	-0.4	-16.4
GEW-163	8/28/2017 10:14	7.3	41.5	3.8	47.4	180.3	180.9	22.0	22.0	-0.3	-0.3	-16.0
GEW-164	8/7/2017 13:29	18.5	58.0	0.6	22.9	159.4	159.0	26.8	19.2	-0.9	-0.8	-17.5
GEW-164	8/7/2017 13:30	18.3	60.3	0.5	20.9	159.0	159.4	26.3	25.6	-0.9	-0.9	-17.7
GEW-164	8/14/2017 10:15	18.4	62.7	0.0	18.9	167.1	166.6	20.4	26.7	-0.4	-0.4	-17.8
GEW-164	8/14/2017 10:16	18.3	63.1	0.0	18.6	167.1	167.1	34.8	30.7	-0.4	-0.4	-17.8
GEW-164	8/21/2017 9:53	19.4	62.2	0.0	18.4	170.1	170.0	25.1	22.2	-0.2	-0.3	-17.8
GEW-164	8/21/2017 9:54	19.2	62.9	0.0	17.9	169.5	169.5	22.7	24.4	-0.3	-0.3	-18.2
GEW-164	8/28/2017 10:24	18.3	63.3	0.0	18.4	173.6	173.7	22.6	31.2	-0.1	-0.1	-19.3
GEW-164	8/28/2017 10:25	18.5	64.9	0.0	16.6	174.1	174.2	20.2	21.4	-0.2	-0.3	-19.3
GEW-165	8/7/2017 13:34	4.0	62.7	0.1	33.2	185.8	185.8	11.1	15.0	-1.2	-1.2	-17.4
GEW-165	8/7/2017 13:35	3.7	64.4	0.1	31.8	186.4	185.8	10.6	6.5	-1.2	-1.2	-17.1
GEW-165	8/14/2017 10:19	3.5	63.7	0.1	32.7	182.1	182.4	13.5	12.0	-1.9	-1.8	-17.4
GEW-165	8/14/2017 10:20	3.3	65.3	0.1	31.3	182.1	182.6	17.7	11.1	-1.7	-1.7	-17.5
GEW-165	8/21/2017 9:57	4.1	64.2	0.0	31.7	188.5	188.8	3.3	2.3	-0.9	-0.9	-17.1
GEW-165	8/21/2017 9:58	3.9	65.7	0.0	30.4	188.9	189.0	8.0	6.1	-0.9	-0.9	-17.1
GEW-165	8/28/2017 10:40	8.4	64.1	0.5	27.0	192.3	192.3	41.8	41.8	-8.3	-8.3	-18.8
GEW-165	8/28/2017 10:42	8.7	65.6	0.4	25.3	192.3	192.3	38.1	37.2	-7.4	-7.3	-18.9
GEW-165	8/31/2017 9:43	8.4	58.6	1.2	31.8	190.2	190.2	32.4	29.9	-6.4	-6.4	-18.0
GEW-165	8/31/2017 14:02	8.0	57.0	1.7	33.3	187.0	187.0	39.0	39.1	-9.8	-9.8	-18.5
GEW-166	8/1/2017 9:16	0.3	55.4	0.0	44.3	155.6	156.0	8.2	9.9	5.9	5.9	-17.0
GEW-166	8/1/2017 9:19	0.3	57.9	0.6	41.2	161.1	160.7	29.1	31.8	-6.9	-6.9	-16.9
GEW-166	8/7/2017 13:39	0.7	54.5	0.9	43.9	194.9	195.0	25.3	32.4	-15.7	-15.7	-17.1
GEW-166	8/7/2017 13:40	0.7	55.9	1.0	42.4	195.0	195.0	24.1	28.4	-15.7	-15.7	-16.6
GEW-166	8/14/2017 10:25	0.9	57.5	1.2	40.4	192.4	192.7	18.8	18.6	-17.1	-17.1	-9.3
GEW-166	8/14/2017 10:27	1.0	56.8	1.4	40.8	192.3	192.9	22.6	21.1	-17.1	-17.1	-9.3
GEW-166	8/21/2017 10:01	0.9	58.9	0.3	39.9	197.2	197.2	38.0	38.0	-14.8	-14.8	-17.2
GEW-166	8/21/2017 10:02	0.9	58.6	0.4	40.1	197.2	197.2	34.8	34.8	-14.6	-14.6	-17.2
GEW-166	8/28/2017 10:57	0.6	57.3	0.9	41.2	196.4	196.4	34.8	33.9	-14.6	-14.6	-16.8
GEW-166	8/28/2017 10:58	0.7	59.4	1.0	38.9	196.4	196.4	29.6	33.0	-14.6	-14.6	-17.5
GEW-167	8/7/2017 13:45	0.5	55.2	0.9	43.4	195.5	195.7	42.6	43.0	-0.2	-0.2	-16.5
GEW-167	8/7/2017 13:47	0.4	55.4	0.8	43.4	195.0	195.7	39.4	32.4	-0.3	-0.4	-17.8
GEW-167	8/14/2017 10:31	0.2	56.3	0.0	43.5	195.7	195.0	37.4	36.8	-0.1	-0.1	-17.1
GEW-167	8/14/2017 10:33	0.3	58.1	0.0	41.6	195.7	195.7	31.6	30.7	-0.4	-0.4	-16.3
GEW-167	8/21/2017 10:07	0.4	55.5	0.4	43.7	195.0	195.0	39.2	37.9	0.0	-0.1	-16.1

August 2017 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-167	8/21/2017 10:09	0.5	56.6	0.4	42.5	195.0	195.0	27.9	31.8	-0.3	-0.3	-14.3
GEW-167	8/28/2017 11:11	0.7	35.6	8.6	55.1	187.0	187.0	48.4	47.0	-0.6	-0.6	-16.8
GEW-167	8/28/2017 11:14	0.6	42.0	6.3	51.1	188.9	189.3	48.8	43.1	-0.4	-0.4	-17.5
GEW-168	8/7/2017 13:53	5.1	48.7	3.9	42.3	185.1	184.5	221.0	219.5	-1.4	-1.4	-16.4
GEW-168	8/7/2017 13:54	5.7	50.0	3.8	40.5	184.6	184.3	229.6	230.6	-2.1	-2.1	-18.4
GEW-168	8/9/2017 8:35	6.0	60.2	0.1	33.7	188.3	188.0	229.1	229.1	-2.0	-2.0	-18.3
GEW-168	8/9/2017 8:36	6.7	59.9	0.0	33.4	187.6	187.6	230.2	230.2	-2.2	-2.2	-18.3
GEW-168	8/11/2017 8:27	7.4	59.1	0.0	33.5	185.7	185.7	226.9	227.7	-2.9	-2.9	-18.5
GEW-168	8/11/2017 8:28	7.4	59.8	0.0	32.8	185.1	185.1	221.8	222.8	-3.1	-3.1	-18.1
GEW-168	8/14/2017 10:37	7.5	59.9	0.0	32.6	185.8	185.9	221.1	220.4	-2.6	-2.6	-17.5
GEW-168	8/14/2017 10:38	7.7	61.4	0.0	30.9	186.4	186.4	220.6	220.6	-2.6	-2.6	-17.5
GEW-168	8/21/2017 10:13	8.0	62.3	0.0	29.7	186.4	185.7	219.9	218.6	-3.0	-3.0	-17.8
GEW-168	8/21/2017 10:14	8.3	61.6	0.0	30.1	185.7	185.7	221.2	218.8	-3.0	-3.0	-17.8
GEW-168	8/28/2017 11:22	4.1	62.3	0.0	33.6	187.8	187.8	148.2	162.1	-10.9	-10.2	-17.5
GEW-168	8/28/2017 11:23	4.4	63.8	0.0	31.8	188.1	188.0	164.5	153.5	-9.3	-9.7	-17.7
GEW-169	8/7/2017 13:59	2.6	50.8	4.2	42.4	190.2	190.2	22.1	22.9	-5.5	-5.5	-18.3
GEW-169	8/7/2017 14:01	2.5	52.1	4.0	41.4	190.2	190.2	30.9	31.7	-2.9	-3.0	-18.5
GEW-169	8/14/2017 10:42	5.1	53.3	3.1	38.5	190.2	190.2	35.5	32.6	-7.8	-7.8	-18.1
GEW-169	8/14/2017 10:44	5.0	54.4	3.1	37.5	190.9	190.9	29.6	32.2	-5.0	-5.0	-18.9
GEW-169	8/17/2017 11:24	4.4	56.3	2.1	37.2	189.6	189.7	25.0	19.6	-4.6	-4.8	-18.0
GEW-169	8/17/2017 16:18	2.8	62.7	0.0	34.5	195.0	195.0	44.6	44.8	-4.8	-5.1	-18.8
GEW-169	8/21/2017 10:17	4.2	51.5	3.2	41.1	186.4	186.4	30.6	30.6	-8.3	-8.3	-18.3
GEW-169	8/21/2017 10:19	4.4	53.4	3.2	39.0	186.4	186.4	16.1	15.3	-3.0	-3.0	-17.5
GEW-169	8/29/2017 14:32	3.2	45.4	5.4	46.0	187.0	187.0	32.9	37.5	-8.3	-8.3	-17.9
GEW-169	8/29/2017 14:41	2.0	58.7	0.7	38.6	191.8	191.6	14.8	20.7	-1.8	-1.9	-18.5
GEW-169	8/31/2017 9:47	2.2	57.8	1.7	38.3	188.9	189.1	25.8	24.6	-1.5	-1.6	-17.8
GEW-169	8/31/2017 14:07	2.4	57.2	1.3	39.1	189.0	189.0	22.7	21.6	-1.5	-1.6	-18.7
GEW-170	8/1/2017 14:33	5.6	51.2	4.2	39.0	183.3	182.7	26.2	26.9	-4.3	-4.4	-14.0
GEW-170	8/1/2017 14:35	5.5	52.2	4.1	38.2	183.9	183.9	22.9	22.9	-2.8	-2.8	-14.9
GEW-170	8/2/2017 15:08	5.4	62.7	0.6	31.3	188.9	188.7	24.8	28.5	-1.2	-1.2	-14.2
GEW-170	8/2/2017 15:09	5.6	63.6	0.6	30.2	188.9	188.9	38.1	25.2	-1.6	-1.6	-14.6
GEW-170	8/16/2017 15:12	8.9	57.6	1.7	31.8	181.0	180.9	26.6	17.7	-4.8	-4.6	-12.6
GEW-170	8/16/2017 15:13	8.8	59.2	1.8	30.2	180.9	180.9	21.3	21.4	-4.5	-4.4	-12.2
GEW-171	8/1/2017 13:42	0.2	19.0	14.3	66.5	92.2	92.4	12.2	14.0	-18.6	-18.2	-18.6
GEW-171	8/1/2017 13:44	0.2	20.8	14.6	64.4	93.0	93.0	4.5	5.8	-18.1	-18.1	-17.7
GEW-172	8/1/2017 13:50	0.0	57.9	1.7	40.4	103.0	105.2	10.2	7.7	-18.1	-17.6	-17.5
GEW-173	8/1/2017 14:05	10.9	23.9	8.2	57.0	114.1	114.2	8.7	11.1	-0.3	-0.3	-19.6
GEW-173	8/1/2017 14:07	11.2	23.0	8.4	57.4	114.2	114.3	10.4	10.8	-0.3	-0.3	-19.5
GEW-173	8/17/2017 9:01	31.2	54.0	0.0	14.8	124.7	124.8	10.9	9.2	-0.2	-0.2	-18.3
GEW-174	8/1/2017 11:27	6.5	56.1	0.0	37.4	176.9	176.9	32.9	19.8	-0.1	-0.1	-5.9
GEW-174	8/1/2017 11:28	7.5	58.2	0.0	34.3	176.9	176.4	39.8	39.8	-0.1	-0.1	-5.4
GEW-174	8/16/2017 14:08	8.5	56.2	0.0	35.3	173.6	173.6	34.8	27.2	-0.2	-0.2	-3.8
GEW-174	8/16/2017 14:10	8.0	58.1	0.0	33.9	173.1	173.1	30.8	36.0	-0.1	-0.2	-3.7

August 2017 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-175	8/1/2017 10:11	21.7	50.8	1.7	25.8	133.8	133.8	54.3	53.3	-0.8	-0.8	-18.9
GEW-175	8/1/2017 10:12	21.3	51.3	1.7	25.7	133.8	133.8	48.4	51.2	-0.8	-0.8	-17.8
GEW-175	8/16/2017 10:26	19.8	51.0	1.8	27.4	134.4	134.4	53.8	53.2	-0.7	-0.6	-17.5
GEW-175	8/16/2017 10:27	19.9	51.6	1.7	26.8	134.4	134.4	45.6	44.5	-0.7	-0.7	-16.6
GEW-176	8/1/2017 10:05	21.4	46.9	1.5	30.2	95.1	95.3	2.8	3.0	0.1	0.1	-18.9
GEW-176	8/1/2017 10:07	21.1	49.5	1.2	28.2	95.4	95.3	7.1	6.6	-0.2	-0.2	-19.9
GEW-176	8/16/2017 10:18	17.7	53.0	1.7	27.6	90.3	90.3	9.1	8.9	0.0	0.0	-18.6
GEW-176	8/16/2017 10:23	25.5	53.1	0.8	20.6	104.8	104.8	19.1	21.7	-1.6	-1.5	-19.7
GEW-177	8/16/2017 15:00	0.3	47.2	4.5	48.0	110.2	110.2	14.4	18.2	-17.2	-17.6	-17.3
GEW-1A	8/7/2017 9:58	0.7	5.5	20.6	73.2	76.4	76.4	8.2	8.2	-10.7	-10.8	-12.8
GEW-1A	8/7/2017 9:59	0.3	1.5	21.4	76.8	77.3	77.4	8.3	8.3	-11.7	-11.7	-12.9
GEW-1A	8/16/2017 10:04	0.0	0.2	21.9	77.9	88.0	88.0	1.1	1.9	-12.8	-12.8	-13.1
GEW-1A	8/22/2017 16:05	1.8	9.0	18.1	71.1	99.6	99.6	5.5	5.0	-12.4	-12.3	-12.1
GEW-1A	8/22/2017 16:06	1.3	5.2	18.5	75.0	100.6	100.6	2.9	3.5	-12.2	-12.4	-11.9
GEW-1A	8/28/2017 10:18	0.8	6.1	20.0	73.1	84.9	84.9	5.3	4.5	-12.8	-12.7	-12.7
GEW-1A	8/28/2017 10:19	0.4	2.8	20.2	76.6	85.7	85.8	2.5	3.7	-12.7	-12.7	-12.8
GEW-2S	8/7/2017 10:07	58.2	36.3	0.4	5.1	80.3	80.4	3.5	7.1	-6.5	-6.1	-10.4
GEW-2S	8/16/2017 10:38	55.3	36.0	0.0	8.7	92.0	92.1	7.0	7.0	-3.5	-3.5	-12.9
GEW-2S	8/22/2017 16:14	57.4	36.7	0.0	5.9	93.9	94.0	2.3	2.8	-3.7	-3.6	-9.8
GEW-2S	8/28/2017 10:26	54.5	39.2	0.4	5.9	99.6	99.6	5.1	2.2	-10.2	-8.1	-10.3
GIW-01	8/7/2017 8:52	12.3	57.9	1.6	28.2	89.6	89.6	2.7	1.6	-18.9	-18.5	-19.2
GIW-01	8/8/2017 14:51	12.9	59.9	0.8	26.4	101.8	101.8	3.6	3.6	-18.6	-18.6	-18.9
GIW-01	8/8/2017 14:58	12.2	60.1	0.8	26.9	102.8	102.8	3.1	3.1	-15.2	-15.2	-19.2
GIW-01	8/15/2017 14:07	12.4	64.6	0.7	22.3	119.4	119.4	2.1	2.1	-14.1	-14.1	-18.2
GIW-01	8/22/2017 15:21	17.0	60.5	0.1	22.4	97.2	97.2	3.8	2.2	-15.7	-15.7	-19.4
GIW-01	8/29/2017 14:06	18.4	50.8	2.0	28.8	107.2	107.2	1.1	3.1	-15.6	-15.2	-18.3
GIW-02	8/7/2017 8:55	16.9	64.6	0.0	18.5	77.1	77.3	2.4	2.4	0.0	0.0	-18.3
GIW-02	8/8/2017 15:01	16.9	60.0	0.0	23.1	92.8	92.7	2.6	2.8	0.0	0.0	-19.0
GIW-02	8/8/2017 15:07	16.4	59.2	0.0	24.4	92.9	92.9	3.2	3.4	-0.1	-0.1	-18.5
GIW-02	8/15/2017 14:10	13.8	53.0	3.3	29.9	108.5	108.5	1.9	1.9	-0.1	-0.1	-18.7
GIW-02	8/22/2017 15:24	3.6	36.1	11.1	49.2	88.1	88.2	1.2	1.6	-0.2	-0.2	-19.0
GIW-02	8/22/2017 15:25	3.5	33.9	11.3	51.3	88.6	88.6	1.2	2.3	-0.2	-0.2	-18.9
GIW-02	8/29/2017 14:10	3.6	30.6	12.2	53.6	104.8	104.8	1.9	1.9	-0.3	-0.3	-18.6
GIW-02	8/29/2017 14:11	3.6	29.9	12.2	54.3	105.0	105.0	2.5	1.9	-0.3	-0.3	-18.3
GIW-03	8/7/2017 9:03	1.0	54.9	3.8	40.3	77.4	77.5	2.6	2.0	-2.4	-2.5	-2.5
GIW-03	8/8/2017 15:10	1.4	52.3	3.9	42.4	102.3	102.4	3.0	2.2	-2.9	-2.8	-2.8
GIW-03	8/8/2017 15:16	0.8	50.8	4.2	44.2	104.8	104.9	1.9	1.6	-3.3	-3.3	-3.1
GIW-03	8/15/2017 14:13	1.5	56.3	1.9	40.3	112.3	113.0	2.0	2.8	-0.8	-0.9	-1.0
GIW-03	8/22/2017 15:27	7.1	48.7	2.9	41.3	91.3	91.4	2.5	2.5	-18.1	-18.1	-19.5
GIW-03	8/29/2017 14:14	6.8	55.5	1.1	36.6	94.6	94.7	2.5	2.3	-2.8	-2.8	-18.0
GIW-04	8/7/2017 9:06	0.4	27.7	11.2	60.7	76.7	77.0	2.3	2.0	-2.2	-2.2	-2.1
GIW-04	8/7/2017 9:07	0.4	27.9	10.9	60.8	78.4	78.4	3.1	1.7	-2.1	-2.2	-2.3
GIW-04	8/8/2017 15:19	0.4	25.4	12.1	62.1	98.4	98.4	2.3	2.3	-3.0	-3.0	-3.1

August 2017 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-04	8/8/2017 15:24	0.4	20.2	12.6	66.8	101.6	101.6	3.0	3.2	-2.9	-2.9	-2.8
GIW-04	8/15/2017 14:16	0.7	45.3	4.7	49.3	103.7	104.0	3.2	3.9	-0.2	-0.2	-0.1
GIW-04	8/22/2017 15:30	0.3	35.2	7.8	56.7	91.8	91.9	3.9	3.3	-19.2	-19.1	-18.9
GIW-04	8/22/2017 15:31	0.6	39.0	7.0	53.4	92.9	92.9	1.1	1.1	-19.0	-19.0	-19.2
GIW-04	8/29/2017 14:17	9.4	53.0	2.0	35.6	95.5	96.0	2.5	1.9	-7.4	-7.4	-18.5
GIW-05	8/7/2017 9:14	1.9	53.5	0.0	44.6	76.1	76.3	6.4	6.4	4.0	4.0	3.8
GIW-05	8/7/2017 9:15	2.0	54.7	0.0	43.3	77.1	77.1	6.4	6.4	4.3	4.4	4.4
GIW-05	8/9/2017 8:56	2.0	53.9	0.0	44.1	81.2	81.4	6.4	6.4	3.8	3.8	3.2
GIW-05	8/9/2017 9:02	1.6	46.1	0.0	52.3	84.3	84.4	5.7	4.9	3.8	3.9	3.1
GIW-05	8/11/2017 15:05	3.1	48.7	0.6	47.6	87.5	87.7	4.0	4.0	-0.1	-0.1	-2.1
GIW-05	8/15/2017 14:24	2.5	53.3	0.0	44.2	99.7	100.1	6.8	6.8	1.0	1.0	0.0
GIW-05	8/15/2017 14:26	2.6	54.3	0.0	43.1	101.8	101.9	5.1	5.1	-0.2	-0.1	-0.1
GIW-05	8/22/2017 15:39	30.4	48.3	0.7	20.6	88.2	88.2	7.1	7.1	-17.8	-17.6	-18.9
GIW-05	8/22/2017 15:45	29.1	41.7	2.6	26.6	87.9	87.9	7.9	6.9	-0.5	-0.4	-19.7
GIW-05	8/29/2017 14:22	0.7	23.0	12.8	63.5	88.0	88.2	5.6	6.3	-0.8	-0.8	-14.9
GIW-05	8/29/2017 14:25	0.4	16.1	13.7	69.8	91.0	91.1	6.8	6.8	-0.8	-0.8	-14.2
GIW-06	8/7/2017 9:20	21.2	52.9	0.0	25.9	78.6	78.7	3.9	2.9	-2.6	-2.6	-2.6
GIW-06	8/9/2017 9:08	22.2	52.1	0.0	25.7	86.3	86.5	3.8	3.3	-2.5	-2.4	-2.3
GIW-06	8/9/2017 9:14	20.9	47.3	0.0	31.8	89.3	89.3	1.1	3.4	-2.9	-2.9	-2.7
GIW-06	8/15/2017 14:34	11.0	53.4	0.0	35.6	104.0	105.0	1.3	0.7	-0.2	-0.2	-0.1
GIW-06	8/23/2017 9:34	36.3	44.0	0.4	19.3	85.9	86.1	3.7	4.2	-19.0	-19.0	-18.8
GIW-06	8/23/2017 9:35	36.2	44.9	0.1	18.8	86.3	86.3	1.3	3.6	-17.3	-17.5	-19.2
GIW-06	8/29/2017 14:48	14.7	48.8	0.2	36.3	91.4	91.7	2.2	1.9	-16.7	-16.7	-18.6
GIW-07	8/7/2017 9:23	30.6	54.8	0.0	14.6	78.1	78.2	2.3	2.3	-0.4	-0.4	-2.7
GIW-07	8/9/2017 9:26	32.4	51.6	0.0	16.0	92.2	92.3	2.3	2.0	-0.5	-0.5	-2.5
GIW-07	8/9/2017 9:32	31.3	50.2	0.1	18.4	93.9	93.9	3.8	3.8	-0.4	-0.4	-2.5
GIW-07	8/15/2017 14:36	23.1	61.7	0.0	15.2	101.0	101.4	3.2	2.8	0.8	0.8	0.1
GIW-07	8/16/2017 9:28	35.8	46.3	0.4	17.5	82.3	82.4	6.0	5.1	-0.7	-0.7	-0.6
GIW-07	8/23/2017 10:48	42.6	46.0	0.5	10.9	90.1	90.3	2.0	3.9	-18.0	-18.0	-18.9
GIW-07	8/29/2017 14:51	28.0	52.7	0.5	18.8	93.6	93.5	1.9	1.9	-16.1	-16.1	-18.5
GIW-08	8/7/2017 9:26	43.3	51.9	0.0	4.8	81.2	81.2	2.9	1.6	-1.4	-1.4	-2.6
GIW-08	8/9/2017 9:38	44.2	48.1	0.0	7.7	89.6	89.6	1.6	1.6	-1.3	-1.3	-2.7
GIW-08	8/9/2017 9:43	44.3	46.8	0.0	8.9	90.5	90.5	3.2	4.0	-1.3	-1.3	-2.2
GIW-08	8/15/2017 14:39	42.2	51.5	0.0	6.3	106.8	107.0	3.0	3.0	0.0	0.0	0.0
GIW-08	8/15/2017 14:41	42.8	50.3	0.0	6.9	108.2	108.2	0.9	0.9	0.0	0.0	0.0
GIW-08	8/23/2017 10:50	29.3	49.1	0.0	21.6	92.2	92.6	2.8	2.9	-7.2	-7.3	-19.0
GIW-08	8/23/2017 10:52	27.6	51.7	0.0	20.7	95.3	95.3	2.1	2.3	-3.0	-3.0	-19.1
GIW-08	8/29/2017 14:56	22.7	54.6	0.0	22.7	102.5	102.8	2.5	2.7	-3.9	-3.9	-18.0
GIW-09	8/7/2017 9:31	25.1	43.5	0.0	31.4	79.1	79.1	2.3	2.0	-0.3	-0.3	-2.6
GIW-09	8/9/2017 10:06	28.3	41.3	0.0	30.4	94.8	95.1	3.0	2.3	-0.3	-0.3	-2.9
GIW-09	8/9/2017 10:11	28.1	36.9	0.0	35.0	96.5	96.5	2.3	2.0	-0.3	-0.3	-2.7
GIW-09	8/15/2017 14:47	28.3	51.2	0.0	20.5	101.6	102.3	3.4	2.7	0.2	0.2	0.0
GIW-09	8/15/2017 14:48	29.1	50.5	0.0	20.4	103.0	103.0	2.8	2.8	0.1	0.1	0.0

August 2017 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-09	8/23/2017 10:57	15.7	35.9	1.0	47.4	91.0	91.0	1.9	3.2	-2.6	-2.6	-19.1
GIW-09	8/29/2017 15:03	9.4	29.1	2.3	59.2	101.4	101.8	2.7	2.2	-3.5	-3.5	-18.0
GIW-10	8/7/2017 9:10	7.3	54.3	0.0	38.4	77.7	77.8	2.0	2.4	-0.2	-0.2	-2.1
GIW-10	8/9/2017 8:47	7.3	50.3	0.0	42.4	79.6	79.6	2.3	2.3	-0.4	-0.4	-3.1
GIW-10	8/9/2017 8:52	7.0	46.1	0.0	46.9	80.9	80.9	2.6	2.6	-0.4	-0.4	-2.9
GIW-10	8/15/2017 14:19	5.5	52.1	0.0	42.4	104.9	105.5	1.2	1.2	0.5	0.5	0.0
GIW-10	8/15/2017 14:21	5.5	54.1	0.0	40.4	106.3	106.7	1.6	1.4	0.0	0.0	-0.1
GIW-10	8/22/2017 15:35	12.1	52.7	0.0	35.2	90.8	90.8	3.5	2.7	-11.6	-11.6	-19.4
GIW-10	8/22/2017 15:36	12.3	53.0	0.0	34.7	91.2	91.3	2.0	1.1	-6.3	-5.9	-19.4
GIW-10	8/29/2017 14:20	10.1	50.3	0.0	39.6	94.3	94.7	1.6	2.3	-4.1	-4.1	-18.5
GIW-11	8/7/2017 8:48	10.4	56.8	0.0	32.8	78.9	78.8	5.2	2.6	-0.4	-0.4	-18.0
GIW-11	8/8/2017 14:33	10.3	54.7	0.0	35.0	94.3	94.3	5.3	4.6	-0.4	-0.4	-18.6
GIW-11	8/8/2017 14:39	9.5	52.1	0.0	38.4	94.1	94.1	4.7	4.7	-0.4	-0.4	-19.8
GIW-11	8/15/2017 14:03	10.4	54.2	0.0	35.4	106.4	106.3	3.2	2.7	-0.3	-0.3	-18.6
GIW-11	8/21/2017 14:29	19.3	52.0	0.0	28.7	102.8	102.8	4.5	3.5	-1.4	-1.4	-19.4
GIW-11	8/29/2017 14:03	18.2	50.6	0.0	31.2	98.4	98.4	2.5	2.0	-1.2	-1.2	-17.6
GIW-12	8/7/2017 8:43	14.7	46.6	3.4	35.3	79.1	79.1	3.5	2.0	-0.2	-0.2	-14.4
GIW-12	8/8/2017 14:10	15.3	47.0	2.9	34.8	92.0	91.9	1.6	2.0	-0.2	-0.2	-16.3
GIW-12	8/8/2017 14:16	15.1	45.4	3.0	36.5	92.3	92.4	4.9	4.0	-0.2	-0.2	-15.7
GIW-12	8/15/2017 13:55	16.0	47.3	2.6	34.1	102.4	102.4	2.2	2.5	-0.2	-0.2	-15.1
GIW-12	8/21/2017 14:23	14.8	37.0	6.6	41.6	102.1	102.1	3.0	1.9	-0.4	-0.4	-14.6
GIW-12	8/21/2017 14:24	15.7	34.6	6.8	42.9	102.1	102.1	1.6	1.6	-0.4	-0.4	-15.8
GIW-12	8/29/2017 13:53	14.8	36.5	6.1	42.6	93.1	93.1	1.6	1.1	-0.3	-0.3	-13.5
GIW-12	8/29/2017 13:54	15.3	34.9	6.2	43.6	95.0	95.0	2.3	2.5	-0.2	-0.2	-14.0
GIW-13	8/7/2017 8:40	11.9	59.9	0.0	28.2	79.8	80.0	4.8	3.5	-0.9	-0.9	-6.7
GIW-13	8/8/2017 14:00	12.3	58.8	0.0	28.9	92.2	92.2	3.4	2.8	-0.9	-0.9	-6.9
GIW-13	8/8/2017 14:07	11.2	58.9	0.0	29.9	90.1	90.0	2.3	2.3	-0.9	-0.9	-7.1
GIW-13	8/15/2017 13:52	11.7	59.7	0.0	28.6	99.6	99.9	4.2	3.9	-0.8	-0.8	-7.9
GIW-13	8/21/2017 14:21	15.7	56.9	0.0	27.4	101.1	101.2	3.0	3.2	-1.3	-1.3	-7.7
GIW-13	8/29/2017 13:50	14.1	62.1	0.0	23.8	88.9	89.1	2.6	1.6	-0.9	-0.9	-6.3
LCS-1D	8/25/2017 11:28	8.3	25.6	16.4	49.7	96.3	96.5	7.7	6.7	-17.6	-17.3	-18.4
LCS-1D	8/25/2017 11:30	11.2	11.8	17.6	59.4	96.7	96.7	5.2	3.6	-17.3	-17.6	-18.0
LCS-5A	8/7/2017 9:04	53.6	41.0	0.7	4.7	90.5	90.7			-13.4	-12.7	-13.0
LCS-5A	8/16/2017 8:59	53.2	40.0	0.4	6.4	91.5	91.2			-12.9	-13.1	-12.8
LCS-5A	8/22/2017 14:47	54.7	40.0	0.1	5.2	92.4	92.4			-13.1	-13.1	-12.8
LCS-5A	8/28/2017 9:37	52.2	40.4	0.0	7.4	91.7	91.7			-12.9	-12.9	-12.8
LCS-5B	8/4/2017 11:38	52.3	38.4	0.3	9.0	152.4	152.2	77.4	77.4	-8.6	-8.6	-9.6
LCS-5B	8/7/2017 9:13	51.2	40.4	0.4	8.0	151.7	151.8	51.6	45.2	-10.0	-10.5	-10.6
LCS-5B	8/7/2017 9:15	51.0	40.3	0.4	8.3	152.1	151.8	53.0	49.5	-9.6	-10.1	-9.9
LCS-5B	8/16/2017 9:08	51.6	40.2	0.0	8.2	149.5	149.5	47.4	46.9	-10.2	-10.6	-10.7
LCS-5B	8/16/2017 9:09	51.4	40.7	0.0	7.9	149.9	149.5	47.0	46.2	-9.6	-10.2	-10.5
LCS-5B	8/18/2017 10:13	52.8	36.3	0.0	10.9	150.6	150.6	27.9	40.0	-9.5	-10.5	-9.4
LCS-5B	8/18/2017 10:50	53.3	35.7	0.2	10.8	150.2	150.3	35.1	36.7	-11.4	-11.4	-12.4



August 2017 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-5B	8/22/2017 15:24	51.3	39.5	0.0	9.2	148.7	148.6	36.6	30.1	-12.5	-12.7	-12.1
LCS-5B	8/22/2017 15:24	51.5	41.3	0.0	7.2	148.9	148.9	31.3	33.1	-12.5	-12.9	-12.6
LCS-5B	8/28/2017 9:44	51.0	41.1	0.0	7.9	152.5	152.5	28.3	28.7	-12.5	-12.5	-12.7
LCS-5B	8/28/2017 9:46	51.2	41.5	0.0	7.3	151.5	151.7	19.1	17.9	-12.8	-12.8	-12.7
LCS-6B	8/7/2017 10:23	53.8	38.5	0.2	7.5	111.0	111.2	0.0	0.0	-2.5	-2.5	-13.0
LCS-6B	8/16/2017 11:02	53.0	38.6	0.0	8.4	111.2	110.9	8.2	8.2	-2.5	-2.5	-12.3
LCS-6B	8/22/2017 16:32	53.4	39.7	0.0	6.9	107.7	107.6	0.0	0.0	-1.9	-1.9	-11.7
LCS-6B	8/28/2017 10:40	53.6	40.2	0.0	6.2	112.5	112.9	7.3	8.7	-2.3	-2.3	-12.5
PGW-60	8/7/2017 10:03	57.7	35.2	0.9	6.2	87.5	87.5	18.3	9.1	-9.7	-9.9	-10.9
PGW-60	8/22/2017 16:10	55.0	32.2	0.0	12.8	92.6	92.6	11.4	14.0	-7.1	-8.1	-8.8
PGW-60	8/30/2017 10:25	57.0	39.4	0.1	3.5	89.7	89.7	3.3	3.3	-7.7	-7.7	-8.3
T-56	8/7/2017 8:22	39.1	32.6	1.0	27.3	76.9	76.8	17.3	15.9	-0.1	-0.1	-12.9
T-56	8/7/2017 8:24	38.9	31.6	1.0	28.5	77.8	77.9	17.8	19.1	0.0	0.0	-13.2
T-56	8/16/2017 8:18	39.4	33.7	0.0	26.9	79.1	79.1	16.6	17.7	-0.1	-0.1	-13.2
T-56	8/22/2017 14:29	45.3	33.8	0.0	20.9	82.7	82.8	16.0	15.0	0.0	0.0	-11.7
T-56	8/28/2017 8:57	45.2	34.9	0.1	19.8	79.0	79.1	14.2	18.6	0.0	0.0	-12.9

Wellfield Temperature - Bridgeton Landfill

Well Name					Temp Trend ><30°F	Comments
	May 2017	June 2017	July 2017	August 2017		
GEW-001	--	--	--	--		
GEW-002	110.0	105.0	117.3	118.6		
GEW-003	116.6	117.6	117.1	116.6		
GEW-004	119.9	120.2	119.8	118.5		
GEW-005	93.9	93.8	93.9	94.1		
GEW-006	90.1	92.7	93.6	91.8		
GEW-007	94.6	98.4	100.6	97.7		
GEW-008	113.5	114.3	113.7	112.7		
GEW-009	124.1	123.1	123.4	123.1		
GEW-010	97.7	95.8	113.1	106.2		
GEW-011	--	--	--	--		
GEW-013A	136.2	141.5	138.3	132.9		
GEW-014A	--	--	--	--		
GEW-015	176.4	175.9	170	163.1		
GEW-016R	183.6	182.7	181.8	182.7		
GEW-018B	183.3	183.3	180.9	193.6		
GEW-018R	--	--	--	--		
GEW-019A	--	--	--	--		
GEW-020A	--	--	--	--		
GEW-021A	--	--	--	--		
GEW-022R	152.9	152.9	164.8	136.2		
GEW-023A	--	--	--	--		
GEW-024A	--	--	--	--		
GEW-025A	--	--	--	--		
GEW-026R	--	--	--	--		
GEW-027A	--	--	--	--		
GEW-028R	--	--	--	--		
GEW-029	--	--	--	--		
GEW-030R	--	--	--	--		
GEW-033R	--	--	--	--		
GEW-034	--	--	--	--		
GEW-034A	--	--	--	--		
GEW-035	--	--	--	--		
GEW-036	--	--	--	--		
GEW-037	--	--	--	--		
GEW-038	99.9	107.3	115.5	111.6		
GEW-039	120.5	120.5	120.7	119.9		
GEW-040	90.8	95.5	98	93.4		
GEW-041R	101.1	104.8	105.6	106.3		
GEW-042R	103.6	110.2	111.8	110.5		
GEW-043R	120.2	121.3	121.0	121.3		

Wellfield Temperature - Bridgeton Landfill

Well Name					Temp Trend ><30°F	Comments
	May 2017	June 2017	July 2017	August 2017		
GEW-044	88.9	97.0	98.7	97.9		
GEW-045R	86.5	90.6	97.0	115.8		
GEW-046R	100.4	102.8	101.8	102.1		
GEW-047R	118.1	121.5	119.5	111.8		
GEW-048	103.6	104.7	104.8	105.0		
GEW-049	109.7	111.7	111.5	113.1		
GEW-050	108.5	109.2	109.1	108.0		
GEW-051	125.1	126.5	126.8	127.5		
GEW-052	115.1	115.6	115.8	115.1		
GEW-053	130.9	135.0	134.1	136.8		
GEW-054	144.2	141.5	140.2	140.9		
GEW-055	135.0	137.1	135.9	139.6		
GEW-056R	129.4	138.6	132.1	136.8		
GEW-057B	81.9	101.8	104.5	93.4		
GEW-057R	101.0	114.0	112.1	107.2		
GEW-058	127.5	133.5	140.2	130.6		
GEW-058A	115.5	148.0	127.5	124.2		
GEW-059R	177.8	175.2	172.3	171.0		
GEW-061B	--	--	--	--		
GEW-064A	--	93.6	--	--		
GEW-065A	--	--	--	--		
GEW-066	--	--	--	--		
GEW-067A	178.6	97.5	85.6	168.1		
GEW-068A	--	--	--	--		
GEW-069R	--	--	--	--		
GEW-070R	--	--	--	--		
GEW-071	--	--	--	--		
GEW-071B	--	--	--	--		
GEW-072RR	--	--	--	--		
GEW-073R	--	--	--	--		
GEW-075	--	--	--	--		
GEW-076R	--	--	--	--		
GEW-077	--	184.5	175.7	129.4		
GEW-078R	172.7	173.6	170.8	171.0		
GEW-080	--	--	--	--		
GEW-081	91.5	109.7	105.0	100.8		
GEW-082R	190.9	100.6	187.6	181.5		
GEW-083	--	--	--	--		
GEW-084	--	--	--	--		
GEW-085	--	--	--	--		
GEW-086	91.1	97.4	105.5	114.5		

Wellfield Temperature - Bridgeton Landfill

Well Name					Temp Trend ><30°F	Comments
	May 2017	June 2017	July 2017	August 2017		
GEW-087	195.7	194.3	188.9	195.7		
GEW-088	174.7	194.8	189.6	193.6		
GEW-089	--	--	--	--		
GEW-090	166.5	182.8	173.1	183.3		
GEW-091	189.3	185.2	180.3	194.4		
GEW-100	--	--	--	--		
GEW-101	95.6	107.1	109.4	106.0		
GEW-102	82.1	95.4	105.5	91.9		
GEW-103	--	--	--	--		
GEW-104	79.6	102.2	104.4	92.9		
GEW-105	--	--	--	154.8		
GEW-106	92.7	112.3	117.5	102.2		
GEW-107	98.4	99.4	114.0	101.8		
GEW-108	86.9	103.8	116.6	90.5		
GEW-109	112.0	118.6	126.8	108.5		
GEW-110	94.6	106.0	113.0	103.1		
GEW-112	--	--	--	--		
GEW-113	158.5	160.2	155.6	158.1		
GEW-116	108.7	155.2	171.6	190.2		
GEW-117	102.8	104.7	124.7	134.4		
GEW-118	195	194.3	197.2	194.3		
GEW-120	122.9	132	158.7	164.3		
GEW-121	171.6	171	174.7	178.0		
GEW-122	166.7	162	174	168.2		
GEW-123	123.9	129.7	128.9	169.5		
GEW-124	92	108	89	90.6		
GEW-125	181.0	181.5	187.0	188.9		
GEW-126	101.1	112.5	115.7	103.0		
GEW-127	155.2	156.3	179.7	183.9		
GEW-128	182.7	183.5	181.5	185.1		
GEW-129	88.6	150.6	106.2	197.9		
GEW-130	185.1	169	195.7	185.7		
GEW-131	152.5	175.3	185.7	177.5		
GEW-132	164.7	169	153.6	175.8		
GEW-133	104.8	133.4	172.1	171.0		
GEW-134	127.2	144.9	127.8	152.1		
GEW-135	154	157	160	185.5		
GEW-136	116.6	120.2	115.3	130.3		
GEW-137	105.7	101.3	100.6	101.4		
GEW-138	164.1	145.6	156.0	149.9		
GEW-139	173.6	169.1	173.8	184.6		

Wellfield Temperature - Bridgeton Landfill

Well Name					Temp Trend ><30°F	Comments
	May 2017	June 2017	July 2017	August 2017		
GEW-140	121.8	117.3	123.1	119.9		
GEW-141	87	110	98	--		
GEW-142	87.7	94.2	101.1	--		
GEW-143	88.2	--	99.9	103.6		
GEW-144	89.1	104.1	102.3	102.5		
GEW-145	82.8	96.2	103.8	94.5		
GEW-146	100.1	103.3	105.2	106.0		
GEW-147	203.9	191.6	189	188.3		
GEW-148	125.0	119.2	140.3	154.4		
GEW-149	105	109.7	115.3	138.3		
GEW-150	132.8	134.9	137.1	128.9		
GEW-151	73.2	97	107.5	100.4		
GEW-152	87.5	100.2	100.6	142.2		
GEW-153	132.3	128.6	128.2	116.6		
GEW-154	80.1	107.2	149.9	185.3		
GEW-155	190	145	165	149.9		
GEW-156	104.3	118.3	115.1	120.2		
GEW-157	100.8	107.0	102.3	93.6		
GEW-158	92.9	102.3	117.8	107.5		
GEW-159	84.3	106.8	131.4	87.2		
GEW-160	100.2	106.1	107.2	110.0		
GEW-161	93.4	105.0	103.7	103.7		
GEW-162	82.1	119.4	113.0	96.5		
GEW-163	183.3	191.7	180.8	182.7		
GEW-164	175.3	164.3	167.1	174.1		
GEW-165	186.4	183.3	180.9	192.3		
GEW-166	188.9	197.5	200.1	197.2		
GEW-167	190.9	190.9	197.2	195.7		
GEW-168	187.0	186.3	195.0	188.3		
GEW-169	188.3	184.6	199.3	195.0		
GEW-170	180.3	161.1	160.9	188.9		
GEW-171	97.4	--	101.8	93.0		
GEW-172	176.9	116.5	114.0	103.0		
GEW-173	129.3	116.3	114.3	124.7		
GEW-174	140.9	142.9	160.2	176.9		
GEW-175	133.5	135.6	136.8	134.4		
GEW-176	124.5	124.6	104.0	104.8		
GEW-177	95.3	98.3	104.0	110.2		
GEW-1A	97.7	106.5	94.8	100.6		
GEW-2S	96.0	100.4	98.5	99.6		
GIW-01	102.1	111.0	111.4	119.4		

Wellfield Temperature - Bridgeton Landfill

Well Name					Temp Trend ><30°F	Comments
	May 2017	June 2017	July 2017	August 2017		
GIW-02	96.3	101.8	101.6	108.5		
GIW-03	92.6	112.4	111.7	112.3		
GIW-04	96.5	103.3	106.7	103.7		
GIW-05	91.5	101.3	100.6	101.8		
GIW-06	91.9	99.1	105.0	104.0		
GIW-07	100.9	100.8	101.3	101.0		
GIW-08	101.5	107.6	111.0	108.2		
GIW-09	95.1	100.8	108.2	103.0		
GIW-10	90.1	109	96.5	106.3		
GIW-11	92.9	100.1	97.9	106.4		
GIW-12	91.7	99.4	105.7	102.4		
GIW-13	90.7	100.1	108.8	101.1		
LCS-1D	106.7	117.7	119	96.7		
LCS-2D	--	--	--	--		
LCS-3C	--	--	--	--		
LCS-4B	--	--	--	--		
LCS-5A	93.0	99.6	96.8	92.4		
LCS-6B	112.2	110.2	119.2	112.5		
PGW-60	87	93	95	92.6		
SEW-002	81.2	105.0	105.7	--		
SEW-012A	--	--	--	--		
SEW-017R	--	--	--	--		
SEW-031R	--	--	--	--		
SEW-032R	--	--	--	--		
SEW-060R	--	--	--	--		
SEW-061R	--	--	--	--		
SEW-062R	--	--	--	--		
SEW-063	--	--	--	--		
SEW-064	--	--	--	--		
SEW-067	--	--	--	--		
SEW-072R	--	--	--	--		
SEW-074	--	--	--	--		
SEW-079R	--	--	--	--		
T-56	71	78	106	82.7		

-- = Indicates no data available.

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
							(ppm)	
North Quarry								
GEW-002	4/11/2017	55	43	ND	ND	ND	ND	
GEW-002	5/9/2017	49	40	2.7	9.1	ND	ND	See Note 3
GEW-002	6/5/2017	40	32	6.2	22	ND	ND	See Note 3
GEW-002	7/12/2017	56	42	ND	ND	ND	ND	
GEW-002	8/8/2017	53	40	ND	4.9	ND	ND	
GEW-02S	5/9/2017	61	34	ND	3.7	ND	ND	
GEW-02S	7/12/2017	60	37	ND	ND	ND	ND	
GEW-003	4/11/2017	51	39	ND	9.8	0.1	ND	
GEW-003	5/9/2017	56	41	ND	ND	0.08	ND	
GEW-003	6/5/2017	48	36	3.2	13.0	0.08	ND	See Note 3
GEW-003	7/12/2017	51	39	ND	9.0	0.18	ND	
GEW-003	8/8/2017	54	39	ND	6.3	0.09	ND	
GEW-004	4/11/2017	50	38	ND	11	0.1	ND	
GEW-004	5/9/2017	54	40	ND	5.7	0.08	ND	
GEW-004	6/5/2017	51	39	ND	9.4	0.07	ND	
GEW-004	7/12/2017	51	39	ND	8.5	0.15	ND	
GEW-004	8/8/2017	55	39	ND	4.5	0.08	ND	
GEW-005	4/11/2017	46	33	ND	20	ND	ND	
GEW-005	5/9/2017	51	35	ND	14	ND	ND	
GEW-005	6/5/2017	40	33	ND	25	ND	ND	
GEW-005	7/12/2017	37	29	3.6	30	ND	ND	See Note 3
GEW-005	8/8/2017	55	38	ND	6.4	0.04	ND	
GEW-006	5/9/2017	56	37	ND	6.6	ND	ND	
GEW-006	7/10/2017	53	37	ND	9.2	ND	ND	
GEW-007	5/9/2017	44	31	5.7	20	ND	ND	See Note 3
GEW-007	7/10/2017	58	40	ND	ND	ND	ND	
GEW-008	4/11/2017	53	43	ND	ND	0.7	ND	
GEW-008	5/9/2017	53	44	ND	ND	0.45	ND	
GEW-008	6/6/2017	51	43	ND	4.2	0.98	ND	
GEW-008	7/10/2017	52	44	ND	ND	1.0	ND	
GEW-008	8/9/2017	52	43	ND	ND	1.1	ND	
GEW-009	4/11/2017	45	39	1.7	13	0.4	ND	See Note 3
GEW-009	5/9/2017	52	42	ND	4.2	0.8	ND	
GEW-009	6/6/2017	48	41	ND	10	0.49	ND	
GEW-009	7/10/2017	52	42	ND	4.6	0.7	ND	
GEW-009	8/9/2017	53	42	ND	4.5	0.48	ND	
GEW-040	4/11/2017	57	41	ND	ND	ND	ND	
GEW-040	5/9/2017	58	40	ND	ND	ND	ND	
GEW-040	6/7/2017	58	40	ND	ND	ND	ND	
GEW-040	7/11/2017	56	39	ND	4.0	ND	ND	
GEW-040	8/9/2017	57	41	ND	ND	ND	ND	
GEW-041R	5/15/2017	56	37	ND	5.1	ND	ND	
GEW-041R	7/11/2017	58	39	ND	ND	ND	ND	
GEW-042R	4/11/2017	56	41	ND	ND	ND	ND	
GEW-042R	5/9/2017	56	41	ND	ND	ND	ND	
GEW-042R	6/7/2017	56	42	ND	ND	ND	ND	
GEW-042R	7/11/2017	57	41	ND	ND	ND	ND	
GEW-042R	8/9/2017	57	41	ND	ND	ND	ND	
GEW-043R	5/9/2017	56	41	ND	ND	0.22	ND	
GEW-043R	7/11/2017	55	42	ND	ND	0.49	ND	
GEW-044	5/9/2017	58	39	ND	ND	ND	ND	
GEW-044	7/10/2017	57	39	ND	ND	ND	ND	
GEW-045R	4/11/2017	60	37	ND	ND	ND	ND	
GEW-045R	5/9/2017	60	38	ND	ND	ND	ND	
GEW-045R	6/7/2017	50	32	3.9	14.0	ND	ND	See Note 3
GEW-045R	7/12/2017	58	36	ND	4.8	ND	ND	

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
							(%)	
GEW-045R	8/8/2017	56	41	ND	ND	ND	ND	
GEW-046R	4/11/2017	52	39	ND	8.0	0.1	ND	
GEW-046R	5/9/2017	56	39	ND	3.9	0.06	ND	
GEW-046R	6/7/2017	56	40	ND	3.5	0.07	ND	
GEW-046R	7/12/2017	55	40	ND	4.1	0.15	ND	
GEW-046R	8/8/2017	55	39	ND	5	0.06	ND	
GEW-047R	4/11/2017	32	27	ND	40	0.1	ND	
GEW-047R	5/9/2017	53	39	ND	7.2	ND	ND	
GEW-047R	6/5/2017	40	31	3.8	25	0.07	ND	See Note 3
GEW-047R	7/12/2017	44	36	ND	19	0.21	ND	
GEW-047R	8/8/2017	56	41	ND	ND	ND	ND	
GEW-048	4/11/2017	50	36	ND	14	ND	ND	
GEW-048	5/9/2017	54	38	ND	6.2	ND	ND	
GEW-048	6/6/2017	53	39	ND	7.6	ND	ND	
GEW-048	7/12/2017	54	38	ND	6.9	ND	ND	
GEW-048	8/8/2017	55	38	ND	6.7	ND	ND	
GEW-049	4/11/2017	43	30	2.5	24	ND	ND	See Note 3
GEW-049	5/9/2017	55	38	ND	5.9	ND	ND	
GEW-049	6/6/2017	42	32	3.5	22	ND	ND	See Note 3
GEW-049	7/10/2017	54	39	ND	6.8	ND	ND	
GEW-049	8/9/2017	56	39	ND	4.2	0.05	ND	
GEW-050	5/9/2017	55	38	ND	6	ND	ND	
GEW-050	7/10/2017	53	38	ND	7.8	0.05	ND	
GEW-051	5/9/2017	54	41	ND	ND	1.1	ND	
GEW-051	7/10/2017	55	41	ND	ND	0.8	ND	
GEW-052	5/9/2017	51	36	ND	12	ND	ND	
GEW-052	7/10/2017	51	38	ND	10	0.04	ND	
GEW-053	4/11/2017	46	36	ND	12	4.2	48	
GEW-053	5/9/2017	51	39	ND	5.8	2.8	55	
GEW-053	6/6/2017	39	33	5.4	20	2.8	56	See Note 3
GEW-053	7/11/2017	51	40	ND	ND	4.7	53	
GEW-053	8/9/2017	50	42	ND	ND	5.3	61	
GEW-054	4/11/2017	52	41	ND	4	2.1	35	
GEW-054	5/9/2017	52	40	ND	3.9	2.2	ND	
GEW-054	6/7/2017	54	42	ND	ND	1.5	ND	
GEW-054	7/11/2017	52	40	ND	ND	2.8	ND	
GEW-054	8/9/2017	53	41	ND	ND	2.3	ND	
GEW-055	4/11/2007	48	41	ND	3.7	5.4	45	
GEW-055	5/9/2017	48	41	ND	ND	6.8	53	
GEW-055	6/7/2017	50	42	ND	ND	5	36	
GEW-055	7/11/2017	49	42	ND	ND	4.9	40	
GEW-055	8/9/2017	49	41	ND	3.7	4.6	36	
Flare Station ²	4/4/2017	46.5	37.9	ND	11.7	ND	ND	See Note 5
Flare Station ²	5/16/2017	45.9	34.5	2.4	15.5	ND	ND	See Note 5
Flare Station ²	6/6/2017	43.4	34.3	2.8	18.3	ND	ND	See Note 5
Flare Station ²	7/6/2017	45.5	34.6	2.7	16.1	ND	ND	See Note 5
Flare Station ²	8/2/2017	49.4	37.2	1.8	10.5	ND	ND	See Note 5
Notes: (1) Based on the comparison of field to laboratory readings, oxygen to balance gas ratios, and historical concentrations, the sample was determined to be suspect due to oxygen introduction which likely occurred during sample collection or laboratory analytical methods. (2) MDNR also collected duplicate LFG samples at these locations during this sampling period. (3) Based on the oxygen verification readings taken with an Envirovision meter, it was determined there is a sample train leak. (4) Based on the oxygen verification readings taken with an Envirovision 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.								
ND = Analyte not detected in sample.								
² = Flare Station measured at EPA Method 2 flow port (blower outlet)								
South Quarry								
GEW-010	4/10/2017	56	40	ND	ND	0.13	ND	

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
							(ppm)	
		(%)						
GEW-010	5/2/2017	57	40	ND	ND	ND	ND	
GEW-010	6/5/2017	49	35	3.5	12	ND	ND	
GEW-010	7/11/2017	56	41	ND	ND	ND	ND	
GEW-010	8/8/2017	57	40	ND	ND	ND	ND	
GEW-022R	7/12/2017	0.83	60	ND	4.3	31	2,500	
GEW-038	4/11/2017	6.4	55	ND	5.1	32	2,100	
GEW-038	5/2/2017	1.1	56	ND	ND	38	2,400	
GEW-038	6/5/2017	1.1	48	3.4	12	34	2,400	
GEW-038	7/12/2017	0.91	52	2.2	7.7	36	2,100	
GEW-038	8/9/2017	1.1	51	2.1	7.2	38	2,100	See Note 4
GEW-039	4/11/2017	44	54	ND	ND	0.07	ND	
GEW-039	5/2/2017	45	53	ND	ND	0.05	ND	
GEW-039	6/6/2017	45	53	ND	ND	ND	ND	
GEW-039	7/12/2017	44	54	ND	ND	ND	ND	
GEW-039	8/9/2017	42	51	ND	4.7	ND	ND	
GEW-056R	4/10/2017	14	52	ND	4.3	28	880	
GEW-056R	5/2/2017	16	53	ND	ND	28	920	
GEW-056R	6/5/2017	11	42	5.2	18	23	860	
GEW-056R	7/12/2017	18	51	ND	ND	26	820	
GEW-056R	8/8/2017	18	51	ND	ND	28	850	
GEW-057R	5/9/2017	5.9	37	3	42	11	370	
GEW-057R	7/7/2017	16	42	2.8	38	1.3	190	
GEW-058	5/8/2017	11	38	1.8	42	7.4	260	
GEW-058	7/6/2017	5.3	28	6.1	52	8.7	300	
GEW-058A	5/8/2017	9.9	33	2.9	50	4.6	210	
GEW-058A	7/6/2017	4.5	18	11	61	5.4	240	See Note 3
GEW-059R	5/8/2017	7.8	45	ND	ND	43	1,500	
GEW-059R	7/6/2017	7.3	45	ND	ND	44	1,600	
GEW-082R	5/8/2017	2.5	49	ND	ND	45	1,700	
GEW-082R	7/10/2017	7.8	40	3.5	17	31	990	
GEW-086	7/7/2017	3.6	49	1.9	6.5	37	680	
GEW-090	5/9/2017	8.4	38	4.2	15	34	1,300	See Note 3
GEW-090	7/7/2017	11	43	ND	5	39	1,400	
GEW-102	5/9/2017	7.2	47	2.5	8.6	34	640	
GEW-109	4/11/2017	24	49	ND	9.6	17	510	
GEW-109	5/2/2017	23	50	ND	8	18	530	
GEW-109	6/6/2017	26	49	ND	8.2	16	440	
GEW-109	7/12/2017	31	48	ND	7.9	12	320	
GEW-109	8/9/2017	29	48	ND	6.8	15	330	
GEW-110	4/10/2017	5.5	22	12.0	50	10	500	See Note 4
GEW-110	5/2/2017	5.8	22	11	50	11	540	
GEW-110	6/5/2017	7.3	30	9.3	36	17	810	See Note 4
GEW-110	7/11/2017	6.3	23	12	45	13	560	See Note 4
GEW-110	8/8/2017	6.2	22	11	52	9.2	420	See Note 4
GEW-116	5/8/2017	1.8	42	7.4	26	21	1,200	See Note 3
GEW-116	7/10/2017	4.2	53	5.4	19	17	960	
GEW-117	5/9/2017	4.3	43	6.4	22	23	1,100	See Note 4
GEW-117	7/10/2017	13	63	ND	4.6	17	970	
GEW-118	5/8/2017	1.1	54	ND	ND	39	1,600	
GEW-118	7/12/2017	1.3	57	ND	ND	38	1,300	
GEW-120	5/2/2017	16	54	ND	23	5.8	280	
GEW-120	7/12/2017	2.3	47	4.2	15	31	1,500	
GEW-121	5/2/2017	8.8	50	2.7	18	20	980	See Note 3
GEW-121	7/12/2017	11	59	ND	7.3	21	950	
GEW-122	5/2/2017	11	41	ND	30	16	1,200	
GEW-122	7/12/2017	4.8	53	ND	3.7	37	2,100	
GEW-123	5/5/2017	18	37	3	35	7	420	See Note 3

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
							(%)	
GEW-123	7/12/2017	18	48	ND	26	5.7	330	
GEW-125	5/2/2017	3.5	54	ND	5.7	35	2,200	
GEW-125	7/12/2017	3.5	54	ND	5.9	34	2,000	
GEW-126	5/2/2017	18	49	ND	26	5.7	440	
GEW-126	7/12/2017	26	51	ND	17	5	410	
GEW-127	5/2/2017	6.4	57	2.6	14	18	1,900	
GEW-127	7/12/2017	5.9	57	2.2	13	20	2,100	
GEW-128	3/2/2017	5.7	61	ND	5.1	27	3,000	
GEW-128	5/2/2017	2.6	64	ND	ND	29	3,300	
GEW-128	7/12/2017	7.5	64	ND	3.8	23	2,500	
GEW-129	3/2/2017	3.4	70	ND	4.6	19	2,400	
GEW-129	5/2/2017	0.7	76	ND	ND	20	2,300	
GEW-130	3/2/2017	1.1	36	8.3	30	24	1,900	See Note 4
GEW-130	5/2/2017	3.3	39	6.9	28	22	1,700	See Note 4
GEW-130	7/12/2017	3.9	45	4.8	18	26	2,100	
GEW-131	3/6/2017	19	46	ND	11	22	1,200	
GEW-131	5/23/2017	12	41	ND	19	26	1,700	
GEW-131	7/12/2017	15	39	ND	24	20	1,600	
GEW-132	3/9/2017	7.5	46	2.1	18	26	1,300	
GEW-132	5/2/2017	5.9	38	3.1	37	15	810	
GEW-132	7/12/2017	6.6	34	3.7	47	8.5	450	
GEW-133	3/9/2017	1.0	55	ND	ND	41	1,600	
GEW-133	5/2/2017	0.88	57	2.4	8.4	30	2,200	
GEW-133	7/10/2017	5.8	57	ND	3.8	32	1,400	
GEW-134	3/15/2017	15	47	2.1	18	18	900	
GEW-134	5/5/2017	8.9	34	6.1	41	11	480	See Note 4
GEW-134	7/10/2017	9.2	29	7.1	49	4.8	200	See Note 4
GEW-135	3/9/2017	0.6	62	ND	ND	34	2,600	
GEW-135	5/5/2017	4.4	33	4.8	44	14	690	
GEW-135	7/10/2017	5	35	4.7	38	17	870	
GEW-136	3/15/2017	3.4	19	13	55	10	320	See Note 4
GEW-136	7/10/2017	6.1	27	9.3	38	19	520	See Note 4
GEW-137	3/9/2017	9.9	23	3.9	63	0.06	ND	
GEW-137	5/5/2017	8.4	20	6.7	65	ND	ND	See Note 3
GEW-137	7/10/2017	22	31	ND	45	ND	ND	
GEW-138	5/5/2017	5.3	33	3.1	41	17	1,000	
GEW-138	7/10/2017	1.7	12	12	71	2.4	250	See Note 4
GEW-139	3/2/2017	3.1	48	2.8	11	34	2,700	
GEW-139	5/9/2017	3.1	48	2.7	10	36	2,500	
GEW-139	7/12/2017	6.4	42	3.2	21	27	1,800	
GEW-140	3/3/2017	3.6	38	6.3	25	28	1,400	See Note 4
GEW-140	5/8/2017	9.8	35	5.7	35	15	730	See Note 4
GEW-140	7/7/2017	12	36	4.9	34	12	450	
GEW-141	3/3/2017	1.9	43	5.6	20	29	3,200	See Note 4
GEW-141	5/8/2017	0.19	45	5.4	19	29	3,300	See Note 4
GEW-141	7/12/2017	0.45	58	ND	ND	38	4,000	
GEW-144	3/3/2017	0.78	45	4.8	17	32	1800	See Note 4
GEW-144	7/7/2017	0.61	55	ND	ND	40	2100	
GEW-146	7/10/2017	2.7	12	13	72	0.45	360	See Note 4
GEW-147	3/7/2017	13	46	ND	18	22	920	
GEW-147	5/5/2017	0.5	53	ND	ND	41	2400	
GEW-147	7/10/2017	9.6	43	2	20	25	970	
GEW-148	5/2/2017	7.1	55	1.8	6.1	30	2,300	
GEW-148	7/10/2017	3.2	45	4.1	14	33	1,900	
GEW-149	3/10/2017	11	43	3.4	30	13	580	
GEW-149	5/2/2017	12	41	3.6	33	9.9	400	
GEW-149	7/7/2017	14	44	2.2	29	11	340	

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
							(%)	
GEW-150	3/3/2017	11.0	38	5.1	38	7.8	420	See Note 4
GEW-150	5/9/2017	9.2	37	7.2	35	12	590	See Note 4
GEW-150	7/7/2017	18	56	ND	6.5	17	600	
GEW-151	3/10/2017	1	41	1.9	6.5	49	900	See Note 3
GEW-151	7/7/2017	1.3	43	ND	ND	52	720	
GEW-153	3/3/2017	37.0	44.0	ND	ND	16.0	430	
GEW-153	5/8/2017	25	39	2.7	23	10	350	
GEW-153	7/6/2017	27	39	2.7	22	9.5	290	
GEW-154	3/10/2017	33	42	2.3	8	15	700	
GEW-154	5/2/2017	22	29	8.7	38	1.6	140	See Note 4
GEW-154	7/7/2017	8	23	10	58	0.33	45	See Note 4
GEW-155	5/8/2017	2.4	38	2.2	32	25	940	
GEW-155	7/10/2017	1.2	22	8.2	56	12	430	
GEW-156	3/3/2017	16	32	5.3	44	2	95	See Note 4
GEW-156	5/9/2017	10	25	8	56	0.77	40	See Note 4
GEW-156	7/7/2017	25	39	4.2	21	11	210	
GEW-157	5/9/2017	14	50	ND	5.4	28	1,500	
GEW-158	3/10/2017	26	33	4.4	25	11	490	
GEW-158	5/8/2017	5	51	ND	ND	40	1700	
GEW-159	5/8/2017	7.3	27	10	38	17	920	See Note 4
GEW-159	7/6/2017	30	45	ND	ND	21	940	
GEW-160	3/10/2017	11	52	ND	3.6	32	2,000	
GEW-160	5/2/2017	6	51	ND	ND	39	2,300	
GEW-160	7/7/2017	4.9	48	ND	5.2	40	2,100	
GEW-161	5/2/2017	16	42	6	24	11	480	See Note 3
GEW-162	3/10/2017	6.8	31	11	38	13	690	See Note 4
GEW-162	7/7/2017	16	67	ND	6.4	7.8	320	
GEW-163	3/7/2017	4.8	30	8.8	46	9.3	590	See Note 4
GEW-163	5/2/2017	3.1	41	4.8	36	14	900	
GEW-163	7/12/2017	8.9	49	4	25	12	740	
GEW-164	3/7/2017	10	41	7.1	32	8.6	660	See Note 4
GEW-164	5/2/2017	13	64	ND	6.4	15	1,200	
GEW-164	7/12/2017	13	64	ND	4	17	1,300	
GEW-165	3/6/2017	5.6	62	ND	ND	29	2,400	
GEW-165	5/2/2017	5.1	59	1.7	6	28	2,100	
GEW-165	7/12/2017	5	49	4.7	17	23	1,600	
GEW-166	3/6/2017	0.3	54	1.7	5.7	38	3,200	
GEW-166	5/2/2017	0.51	44	4.9	17	32	2,500	
GEW-166	7/12/2017	0.37	54	ND	4.7	38	2,900	
GEW-167	3/6/2017	1.5	46	3.5	14	34	2,400	
GEW-167	5/2/2017	1.4	41	5.1	21	31	2,100	See Note 4
GEW-167	7/12/2017	0.32	53	ND	3.9	41	2,500	
GEW-168	3/6/2017	3.4	53	2.2	7.5	33	2,600	
GEW-168	5/2/2017	3.3	58	ND	ND	34	2,400	
GEW-168	7/12/2017	6.1	39	7.7	27	19	1,300	
GEW-169	3/6/2017	2.1	36	9	32	20	1,700	See Note 4
GEW-169	5/2/2017	1.5	35	9.6	35	18	1,600	See Note 4
GEW-169	7/12/2017	2	52	3.8	14	28	2,200	
GEW-170	3/2/2017	3.3	57	4	16	20	2,700	
GEW-170	5/2/2017	2.9	65	ND	ND	29	3,200	
GEW-170	7/12/2017	6.5	47	5.2	24	16	1,600	
GEW-172	5/9/2017	0.25	48	3.3	12	36	2,800	
GEW-172	7/7/2017	0.3	52	ND	ND	43	3,200	
GEW-173	5/8/2017	7.1	21	9.2	59	2.7	310	See Note 4
GEW-174	3/3/2017	5.5	34	6.6	34	20	1,200	See Note 4
GEW-174	5/8/2017	8.7	31	6.5	38	15	850	See Note 4
GEW-174	7/7/2017	12	52	ND	8.2	26	1,400	
GEW-175	3/3/2017	16	45	4.5	23	11	510	

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)					(ppm)	
GEW-175	5/8/2017	15	43	5.9	24	12	470	See Note 4
GEW-175	7/7/2017	18	48	3.4	17	13	500	
GEW-176	3/3/2017	18	40	6	25	10	400	
GEW-176	5/8/2017	18	54	ND	8.1	17	730	
GEW-176	7/7/2017	29	44	3.1	17	6.9	260	
GEW-177	7/12/2017	0.29	60	ND	4.4	33	4,700	
GIW-01	4/10/2017	17	40	6.6	35	1.2	170	See Note 4
GIW-01	5/1/2017	6.1	28	11	53	1.9	250	See Note 4
GIW-01	6/5/2017	14	53	2.9	20	9.4	620	
GIW-01	7/12/2017	14	37	3.8	44	1.4	190	
GIW-01	8/8/2017	12	64	ND	8.7	13	780	
GIW-02	4/10/2017	2.9	16	16	63	1.9	130	See Note 4
GIW-02	5/1/2017	5.9	31	11	43	8.2	300	See Note 4
GIW-02	6/5/2017	5.5	31	9.8	45	8.7	250	See Note 4
GIW-02	7/12/2017	15	64	ND	ND	17	720	
GIW-02	8/8/2017	17	62	ND	ND	19	660	
GIW-03	4/10/2017	0.85	48	4.6	16	31	1,700	See Note 4
GIW-03	5/1/2017	0.82	52	3.4	12	31	1,800	
GIW-03	6/5/2017	0.83	47	4.9	17	29	1,700	
GIW-03	7/12/2017	0.99	48	4.1	14	32	1,600	
GIW-03	8/8/2017	1.1	50	4.7	17	27	1,500	See Note 4
GIW-04	4/10/2017	0.4	24	11	41	23	1,200	See Note 4
GIW-04	5/2/2017	0.61	29	9.5	33	27	1,600	See Note 4
GIW-04	6/5/2017	0.56	30	9.1	32	27	1,500	
GIW-04	7/12/2017	0.31	19	14	51	16	850	See Note 3
GIW-04	8/8/2017	0.4	23	12	42	22	1,200	See Note 4
GIW-05	4/10/2017	0.01	1.5	22	77	ND	ND	See Note 4
GIW-05	5/2/2017	0.013	2.6	21	76	ND	ND	See Note 4
GIW-05	6/5/2017	0.47	12	16	59	12	190	See Note 4
GIW-05	7/12/2017	4.9	50	ND	ND	41	2,200	
GIW-05	8/9/2017	1.7	50	ND	ND	46	610	
GIW-06	4/11/2017	6.4	50	ND	17	25	600	
GIW-06	5/2/2017	4.5	48	1.7	13	32	640	
GIW-06	6/5/2017	7.2	48	1.7	6	35	870	
GIW-06	7/12/2017	9.4	49	ND	11	28	570	
GIW-06	8/9/2017	21	48	ND	ND	28	530	
GIW-07	4/11/2017	13	51	5.8	21	9.4	680	See Note 4
GIW-07	5/2/2017	17	56	3.3	12	12	940	
GIW-07	6/5/2017	34	50	ND	5	9.7	550	
GIW-07	7/12/2017	26	56	1.8	6.8	9	400	
GIW-07	8/9/2017	32	52	ND	ND	12	590	
GIW-08	4/11/2017	21	68	ND	9.4	0.5	200	
GIW-08	5/2/2017	26	68	ND	4.2	0.7	220	
GIW-08	6/5/2017	29	61	ND	7	1.4	180	
GIW-08	7/12/2017	24	60	ND	13	1.3	150	
GIW-08	8/9/2017	44	51	ND	ND	1.4	120	
GIW-09	4/11/2017	2.3	15	12	66	4.6	160	See Note 4
GIW-09	5/2/2017	11	28	4.4	51	5.7	220	
GIW-09	6/6/2017	3	21	5.5	65	5.1	250	See Note 4
GIW-09	7/12/2017	9	28	2.1	55	5	170	
GIW-09	8/9/2017	28	40	ND	22	9.3	280	
GIW-10	4/10/2017	1.5	51	ND	ND	43	1,200	
GIW-10	5/2/2017	4	51	ND	ND	42	1,100	
GIW-10	6/5/2017	3.6	48	2.1	7.2	39	980	
GIW-10	7/12/2017	2.2	51	ND	ND	44	830	
GIW-10	8/9/2017	7.3	51	ND	ND	39	810	
GIW-11	4/11/2017	3	61	ND	4.3	30	1,500	

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
							(%)	
GIW-11	5/2/2017	1.9	60	ND	ND	36	1,600	
GIW-11	6/5/2017	2	58	ND	ND	37	1,700	
GIW-11	7/12/2017	7	58	ND	ND	32	1,300	
GIW-11	8/8/2017	9.8	55	ND	ND	33	1,200	
GIW-12	4/10/2017	10	37	6.9	35	11	380	See Note 4
GIW-12	5/2/2017	11	39	6	30	14	470	See Note 4
GIW-12	6/5/2017	12	40	5.5	27	15	480	See Note 4
GIW-12	7/11/2017	12	39	5.7	30	12	350	
GIW-12	8/8/2017	15	44	3.7	22	15	390	See Note 4
GIW-13	4/10/2017	11	67	ND	ND	18	680	
GIW-13	5/2/2017	9.6	66	ND	ND	22	880	
GIW-13	6/5/2017	9.4	65	ND	ND	23	860	
GIW-13	7/11/2017	11	65	ND	ND	21	770	
GIW-13	8/8/2017	11	62	ND	ND	24	850	
Flare Station ²	4/4/2017	9.3	35.6	8.5	34.5	11.5	680	See Note 6
Flare Station ²	5/11/2017	14.5	34.2	7.8	33.2	9.5	525	See Note 6
Flare Station ²	6/6/2017	9.7	32.9	8.5	38.5	9.3	540	See Note 6
Flare Station ²	7/6/2017	11.1	35.2	7.5	35.0	10.0	610	See Note 6
Flare Station ²	8/2/2017	12.8	37.6	6.7	30.9	10.7	590	See Note 6

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

ND = Analyte not detected in sample.

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