

July 2018 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub>	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H <sub>2</sub> O		
GEW-002	7/5/2018 9:58	53.1	43.7	0.0	3.2	118.1	118.1	9.7	12.8	0.12	0.12	-13.9
GEW-002	7/5/2018 10:04	54.9	42.9	0.0	2.2	118.6	118.6	16.1	15.9	-0.1	-0.1	-13.1
GEW-002	7/10/2018 9:08	56.3	41.8	0.0	1.9	118.4	118.4	19.7	19.1	-0.1	-0.1	-13.4
GEW-002	7/10/2018 9:09	55.3	43.3	0.0	1.4	118.4	118.4	13.6	13.0	-0.1	-0.1	-13.5
GEW-002	7/20/2018 7:52	57.9	42.0	0.1	0.0	117.1	117.0	16.5	18.8	-0.2	-0.2	-12.7
GEW-002	7/20/2018 7:53	56.5	42.5	0.0	1.0	117.0	117.1	18.8	19.2	-0.2	-0.2	-13.3
GEW-002	7/23/2018 10:18	58.6	41.0	0.0	0.4	117.3	117.3	20.2	20.2	-0.7	-0.6	-13.6
GEW-002	7/23/2018 10:19	57.2	42.0	0.0	0.8	117.6	117.6	19.4	20.5	-0.8	-0.7	-13.5
GEW-002	7/31/2018 9:49	57.8	40.8	0.0	1.4	116.6	116.6	23.8	22.1	-0.7	-0.7	-13.5
GEW-003	7/5/2018 10:08	53.5	41.9	0.0	4.6	117.6	117.6	8.9	7.4	-0.1	-0.1	-12.5
GEW-003	7/5/2018 10:15	53.7	41.4	0.0	4.9	117.3	117.3	7.6	10.8	-0.1	-0.1	-13.0
GEW-003	7/10/2018 9:13	52.6	42.1	0.0	5.3	116.9	116.9	3.3	1.8	-0.1	-0.1	-12.6
GEW-003	7/20/2018 7:57	53.4	41.8	0.0	4.8	115.5	115.5	11.2	10.0	-0.04	-0.04	-12.4
GEW-003	7/20/2018 7:59	53.3	42.2	0.0	4.5	115.8	115.8	21.3	21.1	-0.04	-0.03	-12.7
GEW-003	7/23/2018 10:23	53.1	40.7	0.0	6.2	116.6	116.3	5.4	5.4	-0.2	-0.2	-12.5
GEW-003	7/31/2018 9:54	51.8	41.0	0.0	7.2	114.0	114.0	12.4	10.5	-0.2	-0.2	-12.8
GEW-003	7/31/2018 9:55	51.0	41.2	0.0	7.8	114.0	114.2	13.8	10.1	-0.2	-0.2	-12.9
GEW-004	7/5/2018 10:18	54.3	41.3	0.0	4.4	118.4	118.4	6.6	6.6	-0.3	-0.3	-13.2
GEW-004	7/5/2018 10:24	55.4	40.2	0.0	4.4	118.4	118.4	11.0	10.8	-0.3	-0.3	-13.1
GEW-004	7/10/2018 9:16	54.9	41.1	0.0	4.0	118.1	118.1	5.7	8.7	-0.2	-0.2	-12.5
GEW-004	7/20/2018 8:03	55.7	41.5	0.0	2.8	116.3	116.3	12.4	12.4	-0.2	-0.2	-12.4
GEW-004	7/23/2018 10:26	55.4	40.9	0.0	3.7	117.1	117.2	12.2	13.5	-0.4	-0.4	-12.5
GEW-004	7/31/2018 9:58	55.9	40.9	0.0	3.2	115.3	115.0	33.6	33.6	-0.3	-0.3	-12.9
GEW-005	7/5/2018 10:56	55.9	35.0	0.0	9.1	97.8	97.7	8.7	8.2	-0.02	-0.02	-12.9
GEW-005	7/5/2018 11:03	54.6	35.4	0.0	10.0	97.9	97.9	9.1	8.2	-0.02	-0.02	-13.2
GEW-005	7/10/2018 9:33	55.9	37.7	0.0	6.4	95.5	95.5	31.4	31.4	0.01	0.02	-13.1
GEW-005	7/10/2018 9:35	56.3	37.3	0.0	6.4	95.5	95.4	10.1	7.7	-0.02	-0.03	-13.3
GEW-005	7/20/2018 8:22	54.4	37.6	0.0	8.0	92.7	92.7	7.8	6.0	-0.02	-0.02	-13.3
GEW-005	7/23/2018 10:39	53.6	37.4	0.0	9.0	92.4	92.4	27.2	27.5	-0.2	-0.2	-13.3
GEW-005	7/23/2018 10:41	53.9	36.8	0.0	9.3	92.7	92.7	5.5	10.0	-0.1	-0.1	-13.6
GEW-005	7/31/2018 10:14	52.1	37.9	0.0	10.0	89.5	89.6	9.2	9.2	-0.1	-0.1	-13.2
GEW-005	7/31/2018 10:16	52.8	36.9	0.0	10.3	89.5	89.6	9.4	9.3	-0.1	-0.1	-12.9
GEW-006	7/5/2018 13:29	57.3	37.3	0.0	5.4	92.9	92.9	16.9	19.0	-0.2	-0.2	-13.2
GEW-006	7/5/2018 13:36	56.7	37.5	0.0	5.8	92.4	92.4	19.6	16.3	-0.2	-0.2	-13.3
GEW-006	7/10/2018 9:43	56.9	38.5	0.0	4.6	90.8	90.8	16.2	14.4	-0.2	-0.2	-12.4
GEW-006	7/20/2018 8:28	56.7	39.3	0.0	4.0	89.6	89.6	20.8	18.2	-0.3	-0.3	-13.8
GEW-006	7/23/2018 10:47	56.6	39.0	0.0	4.4	89.9	89.8	9.6	7.8	-0.4	-0.4	-13.4
GEW-006	7/31/2018 10:21	55.9	39.8	0.0	4.3	88.6	88.6	23.2	24.0	-0.3	-0.3	-13.0
GEW-007	7/3/2018 8:41	59.0	40.2	0.0	0.8	95.5	95.5	9.9	9.9	-0.7	-0.7	-13.2
GEW-007	7/3/2018 8:47	57.4	41.1	0.0	1.5	95.5	95.5	8.2	9.1	-0.6	-0.6	-13.0
GEW-007	7/9/2018 9:29	57.9	39.8	0.0	2.3	96.1	96.1	5.3	4.5	-0.7	-0.7	-13.0
GEW-007	7/18/2018 9:36	57.4	40.7	0.0	1.9	95.8	95.8	8.0	8.0	-0.6	-0.6	-13.1
GEW-007	7/23/2018 8:28	58.4	40.1	0.0	1.5	93.1	93.1	7.8	6.8	-0.7	-0.7	-13.3

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		(% vol)				°F		scfm		H <sub>2</sub> O		
GEW-007	7/23/2018 8:29	58.3	41.0	0.0	0.7	93.2	93.2	8.3	7.8	-0.9	-0.9	-13.1
GEW-007	7/30/2018 8:32	57.9	39.6	0.0	2.5	90.8	91.0	8.7	8.3	-0.5	-0.5	-13.0
GEW-008	7/3/2018 8:51	52.9	43.6	0.0	3.5	114.3	114.3	34.7	34.1	-0.8	-0.8	-13.6
GEW-008	7/3/2018 8:57	51.8	45.2	0.0	3.0	114.5	114.4	23.1	22.9	-0.8	-0.8	-13.2
GEW-008	7/9/2018 9:32	53.8	43.6	0.0	2.6	114.3	114.3	28.1	28.0	-0.7	-0.7	-13.8
GEW-008	7/18/2018 9:39	53.7	43.0	0.0	3.3	114.3	114.3	26.7	26.8	-0.7	-0.7	-13.6
GEW-008	7/23/2018 8:33	53.9	43.7	0.0	2.4	113.7	113.7	36.2	36.5	-0.8	-0.8	-13.4
GEW-008	7/30/2018 8:36	54.7	42.5	0.0	2.8	112.5	112.5	23.0	23.5	-0.8	-0.8	-13.2
GEW-009	7/3/2018 9:01	51.0	44.2	0.0	4.8	125.0	125.0	8.5	9.3	-0.1	-0.1	-13.2
GEW-009	7/3/2018 9:07	52.3	42.5	0.0	5.2	125.0	125.0	28.2	28.5	-0.1	-0.1	-13.3
GEW-009	7/9/2018 9:35	52.2	42.7	0.0	5.1	124.2	124.5	23.6	24.0	-0.1	-0.1	-13.4
GEW-009	7/18/2018 9:43	52.9	43.2	0.0	3.9	124.7	124.9	7.8	7.6	-0.1	-0.1	-13.1
GEW-009	7/23/2018 8:36	53.2	43.4	0.0	3.4	123.7	124.0	24.3	24.2	-0.1	-0.1	-13.3
GEW-009	7/30/2018 8:40	53.6	43.0	0.0	3.4	123.1	123.2	2.7	2.7	-0.1	-0.1	-13.3
GEW-010	7/2/2018 14:34	55.0	41.7	0.5	2.8	105.1	105.1	3.2	2.7	-1.2	-1.2	-19.4
GEW-010	7/2/2018 14:40	54.7	39.8	0.3	5.2	107.7	107.7	2.5	2.7	-1.3	-1.3	-18.7
GEW-010	7/10/2018 10:01	54.7	41.4	0.1	3.8	98.8	98.8	3.3	3.3	-1.1	-1.1	-18.8
GEW-010	7/20/2018 8:58	54.2	42.5	0.1	3.2	89.6	89.6	3.5	3.6	-0.8	-0.8	-19.2
GEW-010	7/25/2018 14:14	55.7	43.2	0.0	1.1	104.3	104.5	2.7	2.7	-1.0	-1.0	-20.4
GEW-010	7/31/2018 11:04	56.0	41.1	0.0	2.9	84.7	84.7	4.2	3.5	-0.9	-0.9	-18.9
GEW-013A	7/5/2018 14:27	11.4	42.5	3.9	42.2	159.2	159.0	19.4	23.3	-0.4	-0.3	-18.1
GEW-013A	7/5/2018 14:34	12.0	39.6	3.9	44.5	159.0	158.8	21.3	20.8	-0.3	-0.3	-18.7
GEW-013A	7/19/2018 11:25	12.1	42.8	3.7	41.4	156.9	156.9	22.5	23.0	-0.3	-0.3	-17.4
GEW-013A	7/19/2018 11:27	12.0	43.6	3.7	40.7	156.9	156.5	22.5	21.2	-0.3	-0.3	-16.7
GEW-015	7/11/2018 10:34	1.0	48.4	0.0	50.6	97.2	97.2	3.4	3.2	-0.4	-0.4	-19.1
GEW-015	7/11/2018 10:42	3.0	47.8	0.0	49.2	97.4	97.4	3.2	3.6	-0.4	-0.4	-19.0
GEW-016R	7/11/2018 10:59	15.5	45.2	0.0	39.3	177.5	177.5	NFD		-18.2	-18.3	-18.0
GEW-016R	7/11/2018 11:10	21.6	45.6	0.0	32.8	177.5	177.5	NFD		-19.4	-19.5	-19.4
GEW-016R	7/23/2018 13:54	6.9	52.6	0.0	40.5	178.0	178.0	NFD		-19.5	-19.5	-19.2
GEW-016R	7/23/2018 13:55	6.3	51.6	0.0	42.1	178.0	178.0	NFD		-19.6	-19.8	-19.6
GEW-018B	7/17/2018 9:07	1.8	41.2	4.2	52.8	173.6	173.6	2.5	2.2	-0.4	-0.4	-18.6
GEW-018B	7/17/2018 9:15	2.7	42.5	3.4	51.4	174.3	174.2	3.2	3.5	-0.4	-0.4	-18.6
GEW-018B	7/31/2018 8:16	0.7	43.1	4.9	51.3	156.9	156.9	2.3	2.3	-0.3	-0.2	-19.2
GEW-018B	7/31/2018 8:18	0.7	45.0	4.4	49.9	154.8	154.8	1.8	2.3	-0.2	-0.2	-19.3
GEW-022R	7/13/2018 10:33	0.3	2.3	19.8	77.6	106.0	106.0	2.6	3.2	-18.5	-18.5	-18.5
GEW-022R	7/13/2018 10:35	0.3	2.5	19.5	77.7	105.8	105.8	3.7	5.0	-18.5	-18.5	-18.5
GEW-022R	7/26/2018 14:34	3.9	58.1	0.5	37.5	83.6	83.5	4.5	5.0	-19.5	-19.6	-19.3
GEW-038	7/3/2018 8:49	9.6	36.9	7.0	46.5	98.5	98.7	3.0	2.8	-0.2	-0.2	-17.1
GEW-038	7/3/2018 8:56	10.4	37.6	6.9	45.1	101.1	101.1	3.4	3.2	-0.2	-0.2	-15.7
GEW-038	7/10/2018 10:44	17.1	56.0	0.0	26.9	112.2	112.3	2.3	2.3	-0.01	-0.01	-13.8
GEW-038	7/10/2018 10:46	16.4	57.7	0.0	25.9	113.9	113.9	2.6	2.3	-0.7	-0.7	-14.9
GEW-038	7/20/2018 10:20	19.8	42.9	4.9	32.4	101.8	101.8	2.5	3.0	-0.8	-0.8	-16.0
GEW-038	7/26/2018 7:43	20.8	44.8	4.1	30.3	81.8	81.8	3.3	3.1	-0.7	-0.7	-14.3

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		(% vol)				°F		scfm		H <sub>2</sub> O		
GEW-038	7/31/2018 13:49	25.2	46.7	0.7	27.4	69.1	69.1	3.4	3.6	-0.5	-0.5	-16.7
GEW-039	7/3/2018 10:12	34.8	38.4	0.1	26.7	118.9	118.9	16.9	18.1	-0.9	-0.9	-19.4
GEW-039	7/3/2018 10:18	34.1	37.4	0.1	28.4	118.9	118.9	19.0	20.7	-0.9	-0.9	-17.9
GEW-039	7/10/2018 10:54	36.9	43.0	0.0	20.1	119.3	119.2	19.3	19.9	-0.9	-0.9	-18.6
GEW-039	7/20/2018 10:28	37.5	41.9	0.0	20.6	117.3	117.3	18.8	17.0	-0.9	-0.8	-19.1
GEW-039	7/26/2018 7:52	33.6	41.0	0.3	25.1	114.9	114.9	16.3	20.6	-0.8	-0.8	-19.9
GEW-039	7/31/2018 13:57	37.5	39.6	0.4	22.5	113.3	113.3	18.0	17.2	-0.8	-0.8	-19.5
GEW-040	7/3/2018 10:22	56.2	41.3	0.0	2.5	101.1	101.1	6.1	7.7	-0.6	-0.6	-11.7
GEW-040	7/3/2018 10:28	58.0	39.2	0.0	2.8	101.8	101.8	9.9	8.6	-0.6	-0.6	-13.0
GEW-040	7/9/2018 10:30	57.8	39.5	0.0	2.7	98.4	98.4	6.0	5.3	-0.5	-0.5	-12.7
GEW-040	7/19/2018 14:05	58.3	38.9	0.0	2.8	87.7	87.7	10.0	10.4	-0.5	-0.5	-12.6
GEW-040	7/23/2018 9:33	58.6	40.3	0.0	1.1	84.7	84.7	6.2	7.4	-0.5	-0.5	-12.4
GEW-040	7/23/2018 9:35	59.8	39.3	0.0	0.9	84.9	84.9	9.6	8.3	-0.6	-0.6	-12.7
GEW-040	7/30/2018 9:16	59.1	40.2	0.0	0.7	73.0	73.1	7.4	8.4	-0.5	-0.5	-12.7
GEW-040	7/30/2018 9:18	59.7	39.2	0.0	1.1	73.2	73.2	7.4	8.4	-0.6	-0.6	-12.9
GEW-041R	7/3/2018 11:20	58.5	37.6	0.2	3.7	105.2	105.2	11.7	10.0	-0.3	-0.3	-12.8
GEW-041R	7/3/2018 11:26	57.8	37.5	0.2	4.5	105.0	105.0	11.1	9.7	-0.3	-0.3	-12.9
GEW-041R	7/9/2018 11:30	60.0	36.5	0.3	3.2	106.0	106.0	10.9	12.5	-0.2	-0.2	-12.9
GEW-041R	7/19/2018 14:10	58.4	38.2	0.1	3.3	99.4	99.4	10.3	11.6	-0.1	-0.1	-12.8
GEW-041R	7/23/2018 9:39	59.4	38.4	0.0	2.2	102.5	102.5	9.1	9.1	-0.3	-0.3	-12.4
GEW-041R	7/30/2018 9:21	58.8	38.5	0.0	2.7	98.3	98.4	9.5	7.4	-0.2	-0.2	-12.6
GEW-042R	7/3/2018 11:31	54.9	39.9	0.5	4.7	109.2	109.2	7.0	6.4	-0.5	-0.5	-12.9
GEW-042R	7/3/2018 11:37	54.1	39.9	0.4	5.6	109.5	109.5	6.4	7.5	-0.5	-0.5	-12.9
GEW-042R	7/9/2018 11:34	54.6	39.9	0.5	5.0	109.7	109.7	9.0	8.6	-0.4	-0.5	-12.9
GEW-042R	7/19/2018 14:13	56.4	40.7	0.1	2.8	107.0	107.2	10.9	10.2	-0.2	-0.2	-12.8
GEW-042R	7/23/2018 9:41	58.4	40.3	0.0	1.3	106.1	106.3	6.1	2.7	-0.5	-0.4	-12.8
GEW-042R	7/30/2018 9:24	57.8	40.7	0.0	1.5	102.3	102.5	8.7	8.2	-0.4	-0.4	-12.9
GEW-043R	7/5/2018 8:15	55.3	42.7	0.3	1.7	124.5	124.5	9.6	9.6	-0.4	-0.5	-12.9
GEW-043R	7/5/2018 8:21	55.1	42.3	0.1	2.5	124.7	124.5	9.3	9.3	-0.4	-0.4	-12.7
GEW-043R	7/9/2018 11:37	54.2	41.7	0.0	4.1	125.0	125.0	10.7	10.7	-0.1	-0.1	-12.9
GEW-043R	7/9/2018 11:39	54.3	42.1	0.0	3.6	125.3	125.2	12.5	13.1	-0.2	-0.2	-12.9
GEW-043R	7/19/2018 14:19	54.7	41.8	0.0	3.5	124.5	124.2	10.7	10.7	0.2	0.2	-12.6
GEW-043R	7/19/2018 14:20	54.6	42.1	0.0	3.3	124.7	124.8	12.9	15.6	0.1	0.1	-12.6
GEW-043R	7/20/2018 7:32	55.2	42.8	0.0	2.0	123.9	123.9	10.1	10.8	-0.4	-0.5	-13.0
GEW-043R	7/23/2018 9:45	56.3	42.3	0.0	1.4	123.9	123.9	8.9	5.4	-0.5	-0.5	-12.9
GEW-043R	7/30/2018 9:27	55.7	41.6	0.0	2.7	123.0	123.0	13.2	14.2	-0.5	-0.5	-12.8
GEW-044	7/5/2018 8:25	57.4	39.6	0.0	3.0	102.3	102.3	2.7	1.4	-0.6	-0.6	-12.4
GEW-044	7/5/2018 8:32	57.8	38.3	0.0	3.9	101.9	101.9	4.7	3.9	-0.5	-0.5	-12.7
GEW-044	7/9/2018 11:42	56.6	39.5	0.0	3.9	104.0	104.0	7.7	7.7	-0.4	-0.4	-12.6
GEW-044	7/19/2018 14:23	57.6	39.2	0.0	3.2	101.7	101.6	9.9	9.9	-0.1	-0.1	-12.6
GEW-044	7/23/2018 9:48	58.1	41.0	0.0	0.9	100.4	100.4	6.1	4.7	-0.5	-0.6	-12.5
GEW-044	7/30/2018 9:30	57.1	40.8	0.0	2.1	91.0	91.2	5.5	6.2	-0.4	-0.4	-12.9
GEW-045R	7/5/2018 8:38	55.7	40.6	0.1	3.6	95.3	95.3	8.2	7.7	-0.7	-0.7	-12.5

July 2018 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub>	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H <sub>2</sub> O		
GEW-045R	7/5/2018 8:45	55.9	40.4	0.1	3.6	95.5	95.5	8.7	8.7	-0.8	-0.8	-12.9
GEW-045R	7/10/2018 8:33	57.0	42.3	0.0	0.7	96.5	96.7	7.9	7.9	-0.6	-0.6	-12.9
GEW-045R	7/10/2018 8:35	56.7	42.5	0.0	0.8	97.3	97.4	8.8	8.8	-1.1	-1.1	-12.9
GEW-045R	7/19/2018 14:30	56.4	41.1	0.1	2.4	97.9	97.9	5.5	6.1	-0.9	-0.9	-12.6
GEW-045R	7/23/2018 9:56	57.9	40.2	0.0	1.9	97.9	97.9	7.3	6.7	-1.4	-1.4	-12.5
GEW-045R	7/30/2018 11:16	58.2	39.9	0.0	1.9	92.2	92.5	8.7	7.3	-1.2	-1.2	-13.0
GEW-046R	7/5/2018 8:48	54.6	40.1	0.0	5.3	102.1	102.1	31.4	31.1	-0.1	-0.1	-12.4
GEW-046R	7/5/2018 8:55	55.7	39.4	0.0	4.9	102.3	102.3	8.2	8.2	-0.1	-0.1	-12.7
GEW-046R	7/10/2018 8:38	54.7	40.4	0.0	4.9	101.1	101.1	10.0	8.8	-0.2	-0.2	-12.3
GEW-046R	7/19/2018 14:33	55.9	38.7	0.0	5.4	100.9	100.9	10.1	10.1	0.1	0.1	-12.7
GEW-046R	7/19/2018 14:35	56.1	38.7	0.0	5.2	100.8	100.9	9.9	9.9	0.1	0.1	-12.8
GEW-046R	7/20/2018 7:37	55.8	40.8	0.0	3.4	97.9	97.6	6.8	8.7	-0.1	-0.1	-12.4
GEW-046R	7/23/2018 9:59	56.6	40.2	0.0	3.2	99.1	99.2	8.7	8.2	-0.2	-0.2	-12.4
GEW-046R	7/30/2018 11:20	55.9	39.9	0.0	4.2	95.3	95.0	6.8	7.1	-0.1	-0.1	-12.7
GEW-047R	7/5/2018 11:07	54.7	39.7	0.0	5.6	113.5	113.5	11.8	10.8	-0.04	-0.04	-12.9
GEW-047R	7/5/2018 11:17	54.1	40.9	0.0	5.0	114.5	114.8	8.9	9.2	-0.02	-0.02	-12.8
GEW-047R	7/10/2018 9:22	53.9	41.3	0.0	4.8	114.0	114.0	9.1	10.6	-0.1	-0.1	-12.9
GEW-047R	7/20/2018 8:10	54.5	42.1	0.0	3.4	111.5	111.5	24.7	25.3	-0.1	-0.1	-12.8
GEW-047R	7/23/2018 10:32	54.8	41.0	0.0	4.2	111.3	111.2	11.9	11.9	-0.2	-0.2	-12.7
GEW-047R	7/31/2018 10:06	53.0	41.5	0.0	5.5	110.0	110.0	34.3	32.9	-0.2	-0.2	-12.9
GEW-048	7/5/2018 11:22	55.8	39.9	0.0	4.3	104.6	104.6	13.6	9.8	-0.2	-0.2	-13.6
GEW-048	7/5/2018 11:28	56.1	39.1	0.0	4.8	104.5	104.5	19.4	18.2	-0.2	-0.2	-13.3
GEW-048	7/10/2018 9:38	56.7	39.9	0.0	3.4	104.0	103.9	5.9	7.7	-0.1	-0.1	-13.4
GEW-048	7/20/2018 8:25	57.5	39.7	0.0	2.8	102.8	102.8	11.0	12.6	-0.2	-0.2	-13.6
GEW-048	7/23/2018 10:44	57.9	39.5	0.0	2.6	102.8	102.8	28.8	28.3	-0.3	-0.3	-13.5
GEW-048	7/31/2018 10:18	58.1	39.3	0.0	2.6	101.6	101.6	17.3	16.4	-0.2	-0.2	-13.6
GEW-049	7/5/2018 11:34	55.5	39.1	0.0	5.4	108.0	107.8	6.6	6.1	0.02	0.02	-12.6
GEW-049	7/5/2018 11:40	55.8	39.5	0.0	4.7	108.9	108.9	9.4	8.1	-0.1	-0.1	-12.8
GEW-049	7/10/2018 9:25	56.1	40.5	0.0	3.4	109.0	109.1	8.8	8.3	-0.03	-0.03	-12.6
GEW-049	7/10/2018 9:26	56.3	40.7	0.0	3.0	109.2	109.2	7.9	9.2	-0.04	-0.04	-12.7
GEW-049	7/20/2018 8:13	56.3	40.8	0.0	2.9	106.7	106.8	26.2	26.2	-0.1	-0.1	-12.4
GEW-049	7/20/2018 8:14	56.8	41.1	0.0	2.1	107.3	107.4	24.6	25.7	-0.1	-0.1	-12.2
GEW-049	7/23/2018 10:35	57.3	40.2	0.0	2.5	108.0	107.8	6.1	7.2	-0.2	-0.2	-12.4
GEW-049	7/31/2018 10:09	57.0	40.6	0.0	2.4	105.0	105.0	9.5	9.5	-0.2	-0.1	-12.9
GEW-050	7/3/2018 8:07	59.4	40.6	0.0	0.0	105.8	105.9	11.2	9.5	-0.2	-0.2	-8.7
GEW-050	7/3/2018 8:14	59.6	40.4	0.0	0.0	106.0	106.0	8.2	10.2	-0.3	-0.3	-7.1
GEW-050	7/9/2018 9:20	58.8	39.6	0.0	1.6	106.5	106.5	20.3	19.9	-0.4	-0.4	-8.0
GEW-050	7/18/2018 9:29	59.7	38.4	0.0	1.9	105.7	106.0	14.8	14.8	-0.3	-0.2	-7.0
GEW-050	7/23/2018 8:20	60.5	39.3	0.0	0.2	105.0	104.9	16.5	16.7	-0.4	-0.4	-8.7
GEW-050	7/23/2018 8:21	59.3	39.5	0.0	1.2	105.0	105.0	17.3	14.5	-0.4	-0.5	-8.6
GEW-050	7/30/2018 8:25	59.3	39.9	0.0	0.8	103.5	103.4	12.5	12.2	-0.3	-0.3	-6.4
GEW-050	7/30/2018 8:26	59.1	39.9	0.0	1.0	103.8	103.8	13.1	13.7	-0.3	-0.4	-6.1
GEW-051	7/3/2018 9:30	54.3	42.6	0.0	3.1	124.5	124.5	13.1	13.4	-0.4	-0.4	-12.5

July 2018 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub>	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H <sub>2</sub> O		
GEW-051	7/3/2018 9:36	54.4	42.4	0.0	3.2	124.6	124.5	13.7	12.6	-0.4	-0.4	-12.6
GEW-051	7/9/2018 9:39	54.7	42.1	0.0	3.2	124.3	124.2	9.2	10.9	-0.4	-0.4	-12.6
GEW-051	7/18/2018 9:47	55.2	41.9	0.0	2.9	123.2	123.1	12.5	11.6	-0.2	-0.3	-12.3
GEW-051	7/23/2018 8:41	55.4	42.3	0.0	2.3	122.1	122.1	9.7	11.4	-0.6	-0.6	-12.8
GEW-051	7/30/2018 8:55	55.8	41.0	0.0	3.2	120.9	120.8	8.1	8.1	-0.5	-0.5	-13.1
GEW-052	7/3/2018 8:17	56.6	39.5	0.0	3.9	113.0	113.0	24.8	24.5	-0.1	-0.1	-13.1
GEW-052	7/3/2018 8:24	56.1	38.6	0.0	5.3	113.2	113.2	6.6	8.6	-0.1	-0.1	-13.2
GEW-052	7/9/2018 9:26	55.4	37.5	0.0	7.1	113.0	112.8	26.0	25.4	-0.1	-0.1	-13.3
GEW-052	7/18/2018 9:32	55.9	37.8	0.0	6.3	112.5	112.5	35.4	35.7	-0.1	-0.1	-13.1
GEW-052	7/23/2018 8:25	56.8	38.2	0.0	5.0	110.7	110.5	6.1	10.9	-0.2	-0.2	-13.2
GEW-052	7/30/2018 8:29	56.5	38.8	0.0	4.7	110.5	110.4	10.2	8.6	-0.1	-0.1	-13.1
GEW-053	7/3/2018 9:45	50.6	43.8	0.0	5.6	143.9	143.9	15.1	14.0	-0.5	-0.5	-13.3
GEW-053	7/3/2018 9:51	50.6	43.7	0.0	5.7	143.7	143.5	14.7	14.2	-0.5	-0.5	-12.9
GEW-053	7/9/2018 10:10	51.5	42.4	0.0	6.1	143.5	143.5	14.8	15.5	-0.5	-0.5	-13.3
GEW-053	7/9/2018 10:12	51.1	42.8	0.0	6.1	143.2	143.5	12.8	13.5	-0.5	-0.5	-12.6
GEW-053	7/18/2018 9:55	51.8	42.1	0.0	6.1	143.0	143.2	13.6	13.6	-0.4	-0.4	-12.2
GEW-053	7/18/2018 9:57	51.1	43.2	0.0	5.7	143.2	143.2	17.0	12.0	-0.4	-0.4	-12.6
GEW-053	7/23/2018 9:15	52.4	43.1	0.0	4.5	143.2	142.9	7.9	12.4	-0.7	-0.7	-12.4
GEW-053	7/23/2018 9:17	52.0	43.4	0.0	4.6	142.9	143.0	13.5	12.4	-0.7	-0.7	-12.3
GEW-053	7/30/2018 9:01	52.0	42.2	0.0	5.8	142.9	142.6	10.6	13.2	-0.7	-0.7	-13.3
GEW-053	7/30/2018 9:02	51.4	42.9	0.0	5.7	142.9	142.9	13.2	13.5	-0.7	-0.7	-13.3
GEW-054	7/3/2018 9:59	51.6	44.5	0.0	3.9	144.2	144.2	31.8	29.1	-3.7	-3.7	-13.3
GEW-054	7/3/2018 10:05	52.2	43.0	0.0	4.8	144.5	144.5	37.1	34.6	-3.7	-3.7	-13.3
GEW-054	7/9/2018 10:15	52.4	42.8	0.0	4.8	144.2	144.2	39.5	38.3	-3.6	-3.6	-13.1
GEW-054	7/9/2018 10:17	52.3	43.3	0.0	4.4	144.2	144.2	43.6	44.4	-3.8	-3.8	-13.1
GEW-054	7/19/2018 13:51	52.5	42.3	0.0	5.2	142.5	142.5	40.7	38.5	-3.6	-3.6	-13.6
GEW-054	7/19/2018 13:52	53.2	42.3	0.0	4.5	142.5	142.5	37.6	38.5	-3.6	-3.7	-13.8
GEW-054	7/23/2018 9:20	53.8	43.3	0.0	2.9	143.9	143.9	38.7	33.9	-3.9	-3.9	-13.3
GEW-054	7/23/2018 9:21	53.9	43.3	0.0	2.8	143.9	143.9	39.6	35.7	-4.0	-4.0	-13.2
GEW-054	7/30/2018 9:04	52.6	43.0	0.0	4.4	143.9	143.9	33.4	30.2	-4.1	-4.0	-13.4
GEW-054	7/30/2018 9:06	53.6	43.2	0.0	3.2	143.9	143.9	36.6	36.8	-4.1	-4.1	-13.3
GEW-055	7/3/2018 10:13	50.7	44.0	0.0	5.3	134.7	134.6	33.1	32.5	-0.3	-0.3	-12.1
GEW-055	7/3/2018 10:19	51.0	43.8	0.0	5.2	134.4	134.1	22.7	24.1	-0.3	-0.3	-12.3
GEW-055	7/9/2018 10:25	51.1	43.6	0.1	5.2	134.4	134.7	29.8	29.8	-0.2	-0.2	-12.9
GEW-055	7/9/2018 10:27	51.0	43.4	0.1	5.5	134.6	134.7	8.7	8.7	-0.2	-0.2	-12.6
GEW-055	7/19/2018 14:00	51.7	42.1	0.0	6.2	134.1	134.3	33.8	33.8	0.2	0.2	-13.0
GEW-055	7/19/2018 14:02	51.6	42.2	0.0	6.2	135.9	135.9	11.3	12.5	0.2	0.2	-13.0
GEW-055	7/20/2018 7:25	51.3	43.0	0.3	5.4	135.3	135.6	7.5	6.5	-0.3	-0.3	-12.8
GEW-055	7/20/2018 7:27	51.5	43.4	0.3	4.8	135.3	135.3	25.6	25.9	-0.4	-0.3	-12.3
GEW-055	7/23/2018 9:29	52.6	43.0	0.1	4.3	135.6	135.6	35.2	35.2	-0.4	-0.4	-12.8
GEW-055	7/23/2018 9:30	51.8	43.2	0.1	4.9	135.9	135.6	7.5	7.0	-0.4	-0.4	-12.5
GEW-055	7/27/2018 7:08	50.3	44.0	0.0	5.7	76.2	76.1	2.6	2.0	-0.1	-0.1	-13.0
GEW-055	7/30/2018 9:12	51.9	42.4	0.0	5.7	86.8	86.8	1.6	1.6	-0.02	-0.02	-12.7

July 2018 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub>	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H <sub>2</sub> O		
GEW-055	7/30/2018 9:13	50.4	43.8	0.0	5.8	93.0	92.7	2.3	2.0	-0.1	-0.1	-12.8
GEW-056R	7/3/2018 10:31	38.5	44.1	0.0	17.4	119.9	119.9	3.5	2.7	-0.2	-0.2	-18.5
GEW-056R	7/3/2018 10:37	40.9	43.3	0.0	15.8	120.2	120.2	3.6	3.1	-0.2	-0.2	-18.4
GEW-056R	7/10/2018 10:11	36.3	51.5	0.0	12.2	123.4	123.1	0.8	0.7	-0.2	-0.2	-18.4
GEW-056R	7/20/2018 9:08	36.5	51.3	0.0	12.2	110.7	111.0	1.1	1.1	-0.2	-0.2	-18.7
GEW-056R	7/25/2018 14:25	36.3	51.2	0.0	12.5	121.5	121.7	3.1	3.1	-0.2	-0.2	-20.7
GEW-056R	7/31/2018 11:15	38.5	49.8	0.0	11.7	102.4	102.5	3.4	3.2	-0.2	-0.2	-19.2
GEW-057B	7/11/2018 13:34	1.2	58.6	0.0	40.2	184.5	184.5	5.9	6.5	-17.1	-17.1	-19.1
GEW-057B	7/11/2018 13:40	1.0	60.0	0.0	39.0	185.1	185.1	5.5	5.6	-16.9	-17.1	-19.3
GEW-057B	7/23/2018 13:30	1.2	57.1	0.0	41.7	159.8	159.8	5.7	7.4	-18.8	-18.8	-18.7
GEW-057B	7/23/2018 13:31	1.0	59.5	0.0	39.5	159.4	159.3	3.9	3.2	-18.5	-18.5	-18.9
GEW-057R	7/11/2018 13:44	6.5	5.6	18.1	69.8	100.1	100.0	3.6	3.6	-18.1	-18.1	-18.9
GEW-057R	7/11/2018 13:45	6.7	4.9	18.3	70.1	98.9	98.9	3.1	3.3	-18.1	-18.1	-18.9
GEW-057R	7/23/2018 13:34	11.0	12.4	15.9	60.7	96.7	96.6	1.9	2.2	-18.8	-18.8	-18.5
GEW-057R	7/23/2018 13:35	11.3	10.8	16.2	61.7	96.0	96.0	1.1	2.4	-18.5	-18.5	-18.7
GEW-058	7/11/2018 9:42	21.4	43.6	0.4	34.6	94.6	94.6	3.1	3.1	-0.7	-0.7	-18.7
GEW-058	7/11/2018 9:49	21.3	42.2	0.3	36.2	94.8	94.8	2.3	2.6	-3.7	-3.7	-18.4
GEW-058A	7/11/2018 9:32	4.7	40.2	3.6	51.5	94.5	94.5	1.7	1.7	-0.5	-0.5	-18.9
GEW-058A	7/11/2018 9:39	4.3	43.0	3.5	49.2	95.0	95.0	3.0	2.6	-0.5	-0.5	-19.0
GEW-059R	7/11/2018 8:54	21.1	45.6	0.2	33.1	163.8	164.3	13.3	13.5	-18.9	-18.2	-19.0
GEW-059R	7/11/2018 9:00	20.9	44.6	0.2	34.3	163.3	163.3	14.7	15.4	-18.2	-19.2	-18.9
GEW-059R	7/23/2018 11:17	22.0	48.3	0.0	29.7	164.7	164.7	11.7	12.4	-20.1	-19.8	-19.9
GEW-059R	7/23/2018 11:18	22.5	46.8	0.1	30.6	164.7	164.8	15.1	13.6	-19.8	-19.1	-20.1
GEW-067A	7/5/2018 11:55	25.5	31.9	1.4	41.2	130.3	130.5	68.1	68.1	-6.3	-6.3	-12.9
GEW-067A	7/5/2018 12:02	21.0	31.7	1.3	46.0	130.5	130.3	51.6	48.9	-4.0	-3.6	-18.0
GEW-068A	7/12/2018 10:17	9.1	59.9	0.0	31.0	192.3	192.3	26.5	27.9	-6.2	-6.2	-18.4
GEW-068A	7/12/2018 10:23	8.8	53.8	0.0	37.4	192.3	192.3	24.9	25.0	-5.9	-5.9	-17.5
GEW-068A	7/26/2018 8:35	0.8	63.6	0.0	35.6	199.3	199.3	40.0	46.7	-3.4	-3.5	-19.6
GEW-068A	7/26/2018 8:37	0.6	67.5	0.0	31.9	199.3	199.3	34.4	47.8	-2.9	-3.8	-19.7
GEW-078R	7/12/2018 10:09	5.1	34.5	0.0	60.4	156.5	156.5	7.1	7.3	-17.1	-17.1	-18.5
GEW-078R	7/12/2018 10:16	5.3	32.6	0.0	62.1	156.0	156.5	6.6	6.2	-17.0	-17.1	-18.5
GEW-078R	7/27/2018 8:18	6.5	32.6	0.1	60.8	154.4	154.4	14.3	8.7	-17.8	-17.8	-19.7
GEW-078R	7/27/2018 8:19	4.7	35.2	0.0	60.1	154.8	154.5	7.6	8.0	-17.7	-17.7	-19.6
GEW-081	7/12/2018 14:10	4.3	22.3	12.0	61.4	108.7	108.7	4.1	3.8	-18.7	-18.7	-18.7
GEW-081	7/12/2018 14:17	4.0	21.5	12.1	62.4	109.5	109.5	5.7	3.7	-19.1	-19.1	-18.8
GEW-081	7/26/2018 9:29	0.4	36.8	7.4	55.4	96.2	96.2	3.4	3.6	-19.3	-19.3	-19.2
GEW-081	7/26/2018 9:30	0.4	41.8	6.8	51.0	96.2	96.2	2.4	2.9	-19.1	-19.2	-19.3
GEW-082R	7/12/2018 13:53	2.7	51.6	0.0	45.7	193.6	193.6	8.0	8.2	-6.8	-6.8	-19.0
GEW-082R	7/12/2018 14:01	8.2	46.7	0.0	45.1	195.7	195.7	22.9	19.5	-7.4	-7.4	-19.7
GEW-082R	7/26/2018 9:21	11.2	44.2	0.0	44.6	177.5	177.5	5.6	5.3	-11.0	-11.3	-19.9
GEW-082R	7/26/2018 9:22	10.9	44.5	0.0	44.6	177.5	177.3	3.1	3.1	-11.1	-11.1	-19.9
GEW-086	7/5/2018 14:04	17.9	41.0	0.8	40.3	114.0	114.0	8.7	8.8	-0.2	-0.2	-20.4
GEW-086	7/5/2018 14:11	19.2	40.9	0.7	39.2	109.5	109.5	8.4	8.6	-0.2	-0.2	-20.4

July 2018 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub>	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H <sub>2</sub> O		
GEW-087	7/11/2018 10:01	6.9	26.0	3.7	63.4	135.7	135.9	NFD		-18.5	-18.5	-18.6
GEW-087	7/11/2018 10:08	6.3	25.9	3.4	64.4	135.5	135.3	NFD		-18.5	-18.5	-18.5
GEW-087	7/23/2018 13:43	3.8	21.9	6.2	68.1	132.9	132.9	NFD		-18.8	-18.5	-18.9
GEW-087	7/23/2018 13:44	3.5	22.4	6.3	67.8	133.2	133.2	NFD		-19.1	-18.8	-19.2
GEW-088	7/17/2018 8:49	11.3	49.3	0.5	38.9	180.3	180.3	9.9	9.7	-4.7	-4.7	-19.8
GEW-088	7/17/2018 8:54	11.8	47.3	0.5	40.4	179.8	179.8	10.9	10.0	-4.8	-4.8	-19.0
GEW-088	7/31/2018 7:38	6.5	49.4	0.1	44.0	192.6	192.6	2.9	4.1	-1.3	-1.3	-20.1
GEW-088	7/31/2018 7:39	6.4	52.5	0.0	41.1	192.9	192.9	3.6	3.7	-1.3	-1.3	-19.7
GEW-090	7/5/2018 11:21	32.7	43.3	0.9	23.1	166.1	166.1	4.5	8.9	-17.6	-17.6	-17.9
GEW-090	7/5/2018 11:27	34.3	41.9	0.9	22.9	167.6	167.6	7.2	7.0	-18.5	-18.5	-19.0
GEW-090	7/19/2018 11:42	21.1	45.2	0.9	32.8	165.2	165.2	7.6	10.5	-17.7	-17.7	-18.7
GEW-090	7/19/2018 11:43	20.8	46.6	0.9	31.7	165.1	165.0	9.8	12.0	-17.7	-17.7	-18.8
GEW-091	7/5/2018 10:04	5.2	37.3	5.6	51.9	191.3	191.6	40.3	40.3	-2.5	-2.5	-15.4
GEW-091	7/5/2018 10:11	6.1	39.5	4.8	49.6	192.8	192.3	32.4	31.7	-1.5	-1.5	-15.6
GEW-091	7/19/2018 11:33	2.3	38.3	6.1	53.3	190.2	190.2	21.7	22.0	-1.9	-1.9	-14.8
GEW-091	7/19/2018 11:35	2.3	39.9	5.8	52.0	190.2	190.2	20.9	21.2	-1.7	-1.7	-15.8
GEW-100	7/12/2018 10:54	1.1	51.7	4.5	42.7	102.5	102.5	4.9	7.9	-16.1	-16.1	-18.9
GEW-100	7/12/2018 11:02	1.6	48.6	4.8	45.0	104.1	104.2	4.0	0.7	-16.3	-16.3	-19.3
GEW-101	7/12/2018 8:39	18.7	49.0	5.8	26.5	110.0	110.0	3.0	3.0	-0.1	-0.1	-19.0
GEW-101	7/12/2018 8:45	18.7	47.7	5.8	27.8	111.0	110.9	2.0	3.7	-0.1	-0.1	-18.2
GEW-101	7/24/2018 7:26	18.5	45.6	6.1	29.8	105.5	105.4	1.7	4.5	-0.1	-0.1	-18.3
GEW-101	7/24/2018 7:27	18.1	48.4	6.0	27.5	105.7	105.7	2.1	3.8	-0.1	-0.1	-19.7
GEW-102	7/12/2018 8:25	13.9	57.0	0.0	29.1	87.7	87.7	2.6	3.1	-17.0	-17.0	-19.2
GEW-102	7/12/2018 8:32	14.6	54.8	0.1	30.5	87.2	87.2	2.0	1.8	-17.0	-17.0	-19.2
GEW-104	7/12/2018 9:45	44.2	46.4	0.0	9.4	151.3	151.3	3.4	4.6	-5.9	-5.9	-9.0
GEW-104	7/12/2018 9:52	44.6	43.7	0.0	11.7	160.2	160.2	2.4	1.6	-5.9	-6.2	-9.0
GEW-104	7/26/2018 8:27	43.7	43.3	0.0	13.0	162.0	162.1	3.7	4.9	-9.6	-9.6	-16.7
GEW-104	7/26/2018 8:28	43.1	45.4	0.0	11.5	162.4	162.4	5.4	4.2	-9.9	-9.9	-17.3
GEW-105	7/11/2018 10:19	22.2	45.3	4.7	27.8	145.6	146.1	3.4	4.4	-5.0	-5.0	-19.7
GEW-105	7/11/2018 10:25	23.4	41.9	4.8	29.9	145.2	144.9	5.4	3.4	-4.8	-4.8	-19.6
GEW-105	7/23/2018 11:33	16.5	43.9	5.4	34.2	141.9	141.8	4.2	3.6	-4.9	-4.9	-19.8
GEW-105	7/23/2018 11:35	16.8	41.8	5.5	35.9	135.9	135.9	1.5	1.8	-1.8	-1.8	-19.4
GEW-106	7/11/2018 9:57	8.7	58.9	0.6	31.8	194.0	194.1	12.5	12.7	-17.5	-16.5	-18.9
GEW-106	7/11/2018 10:04	11.2	60.9	0.3	27.6	193.5	193.2	17.9	13.5	-17.7	-17.1	-18.4
GEW-106	7/23/2018 11:25	11.3	49.8	2.2	36.7	180.3	180.3	5.5	5.9	-18.1	-18.1	-19.4
GEW-106	7/23/2018 11:26	10.6	51.3	2.2	35.9	180.3	180.3	7.3	7.6	-18.1	-18.4	-19.8
GEW-107	7/11/2018 9:06	14.2	58.5	0.0	27.3	162.1	162.0	7.9	7.5	-4.6	-4.5	-19.1
GEW-107	7/11/2018 9:13	13.5	60.4	0.0	26.1	163.8	164.3	5.3	10.4	-4.4	-4.3	-19.2
GEW-107	7/23/2018 11:12	13.2	57.4	0.0	29.4	173.6	173.8	9.7	9.2	-3.4	-3.4	-19.4
GEW-107	7/23/2018 11:14	11.9	61.1	0.0	27.0	173.6	173.5	8.8	8.5	-3.3	-3.4	-19.6
GEW-108	7/11/2018 8:33	39.7	48.6	0.2	11.5	138.7	138.7	4.2	2.2	-16.9	-16.8	-19.8
GEW-108	7/11/2018 8:39	38.8	48.4	0.1	12.7	140.9	140.9	3.6	2.3	-17.1	-17.1	-19.2
GEW-108	7/23/2018 11:08	38.9	48.7	0.0	12.4	143.5	143.5	3.9	3.8	-18.1	-17.9	-20.4

July 2018 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub>	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H <sub>2</sub> O		
GEW-108	7/23/2018 11:09	38.6	49.0	0.0	12.4	143.9	143.9	5.0	3.3	-17.7	-17.7	-19.9
GEW-109	7/3/2018 10:02	31.8	40.2	0.1	27.9	130.0	130.0	2.1	4.0	-7.0	-7.0	-18.5
GEW-109	7/3/2018 10:09	31.7	39.4	0.0	28.9	130.4	130.3	3.0	3.3	-7.3	-7.3	-18.4
GEW-109	7/10/2018 10:51	29.6	43.3	0.0	27.1	131.8	132.0	2.7	3.9	-6.9	-6.9	-19.2
GEW-109	7/10/2018 10:52	30.2	43.8	0.0	26.0	132.3	132.0	5.6	4.4	-6.9	-6.9	-19.3
GEW-109	7/20/2018 10:25	30.7	43.5	0.0	25.8	126.1	126.0	2.8	3.2	-6.9	-6.9	-19.6
GEW-109	7/26/2018 7:48	30.9	42.4	0.2	26.5	122.9	122.9	4.0	4.9	-6.9	-6.9	-19.9
GEW-109	7/31/2018 13:54	31.8	41.0	0.5	26.7	119.7	119.7	1.9	5.4	-7.3	-7.3	-19.8
GEW-110	7/2/2018 14:43	21.9	38.6	3.8	35.7	118.1	118.1	3.1	6.3	-0.1	-0.1	-19.0
GEW-110	7/2/2018 14:49	23.0	41.2	3.1	32.7	116.3	116.3	3.7	3.7	-0.1	-0.1	-19.2
GEW-110	7/10/2018 10:04	23.4	45.2	1.0	30.4	115.4	115.3	1.2	1.8	-0.1	-0.1	-18.7
GEW-110	7/20/2018 9:01	20.9	42.1	4.5	32.5	103.8	103.8	4.4	1.6	-0.1	-0.1	-19.0
GEW-110	7/25/2018 14:17	22.2	35.9	4.0	37.9	112.7	112.7	2.2	4.3	-0.1	-0.1	-20.2
GEW-110	7/31/2018 11:07	17.3	25.2	7.9	49.6	86.1	86.1	2.3	2.3	-0.1	-0.1	-18.9
GEW-110	7/31/2018 11:08	17.0	24.4	8.0	50.6	85.8	85.6	1.2	1.2	-0.1	-0.1	-18.9
GEW-113	7/11/2018 10:47	21.5	50.0	0.9	27.6	149.9	149.9	11.7	11.1	-3.2	-3.2	-18.4
GEW-113	7/11/2018 10:55	21.5	50.8	0.9	26.8	150.2	150.2	11.1	11.1	-3.2	-3.2	-18.5
GEW-113	7/23/2018 13:50	11.2	54.6	1.1	33.1	150.4	150.6	12.0	14.8	-3.3	-3.3	-19.1
GEW-113	7/23/2018 13:52	10.9	56.5	1.1	31.5	150.2	150.2	15.1	13.3	-3.3	-3.3	-19.9
GEW-116	7/13/2018 8:22	13.6	56.4	0.4	29.6	191.4	191.4	16.8	22.1	-6.3	-6.3	-19.3
GEW-116	7/13/2018 8:29	15.9	55.1	0.4	28.6	191.0	191.0	20.2	17.8	-6.3	-6.3	-19.7
GEW-116	7/27/2018 8:23	13.5	62.7	0.2	23.6	191.0	191.0	21.6	24.2	-4.4	-4.4	-21.6
GEW-116	7/27/2018 8:24	13.1	65.4	0.2	21.3	190.9	191.0	22.6	20.9	-4.6	-4.5	-20.7
GEW-117	7/13/2018 8:06	46.7	47.8	0.1	5.4	116.8	116.8	5.6	7.0	-18.5	-18.5	-19.4
GEW-117	7/13/2018 8:16	45.1	49.0	0.0	5.9	118.3	118.1	3.1	7.2	-18.5	-18.5	-19.1
GEW-118	7/17/2018 8:54	1.8	54.1	0.3	43.8	196.4	196.4	18.5	17.9	-0.5	-0.5	-18.7
GEW-118	7/17/2018 9:02	3.7	52.9	0.0	43.4	197.2	197.3	19.6	20.2	-0.6	-0.6	-18.8
GEW-118	7/31/2018 8:26	1.7	59.3	0.0	39.0	194.3	194.3	1.9	2.9	-0.1	-0.1	-19.4
GEW-118	7/31/2018 8:29	1.7	58.5	0.1	39.7	189.8	190.2	3.9	2.6	-0.1	-0.03	-19.6
GEW-120	7/17/2018 9:39	23.0	59.3	0.1	17.6	154.8	154.0	5.2	5.3	-1.1	-1.1	-18.7
GEW-120	7/17/2018 9:45	23.1	57.5	0.2	19.2	159.4	159.4	8.6	7.6	-1.8	-1.8	-18.6
GEW-120	7/31/2018 8:21	19.6	59.4	0.0	21.0	152.5	152.5	8.4	9.5	-2.2	-2.2	-19.4
GEW-120	7/31/2018 8:23	19.8	60.6	0.0	19.6	152.5	152.5	8.8	7.9	-2.2	-2.2	-19.4
GEW-121	7/13/2018 9:33	10.3	43.7	0.9	45.1	173.9	174.0	19.8	25.6	-13.7	-14.1	-17.4
GEW-121	7/13/2018 9:39	10.0	44.1	0.9	45.0	174.7	174.7	21.9	19.1	-13.7	-13.6	-17.4
GEW-121	7/26/2018 14:29	12.0	43.5	0.8	43.7	174.7	174.7	24.1	17.6	-14.3	-13.9	-19.4
GEW-121	7/26/2018 14:30	11.3	45.2	0.8	42.7	174.8	174.8	15.2	19.6	-13.7	-12.8	-19.1
GEW-122	7/13/2018 11:01	15.5	36.8	0.6	47.1	151.0	151.0	61.9	61.8	-11.2	-11.2	-18.0
GEW-122	7/13/2018 11:14	16.5	36.2	0.6	46.7	151.3	151.2	60.6	60.7	-11.2	-11.2	-17.9
GEW-122	7/26/2018 14:39	17.9	39.3	0.5	42.3	147.3	147.3	63.9	64.2	-12.3	-12.3	-19.1
GEW-122	7/26/2018 14:40	18.5	39.1	0.5	41.9	147.3	147.3	62.8	62.6	-12.7	-12.7	-19.1
GEW-123	7/13/2018 9:44	17.4	47.0	0.0	35.6	130.3	130.0	3.2	1.5	-8.2	-8.2	-18.5
GEW-123	7/13/2018 9:50	16.5	45.5	0.0	38.0	129.4	129.4	4.2	2.1	-7.9	-8.0	-18.7



July 2018 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub>	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H <sub>2</sub> O		
GEW-124	7/13/2018 10:40	43.6	30.3	5.6	20.5	98.6	98.4	4.8	2.7	-12.1	-12.1	-12.1
GEW-124	7/13/2018 10:46	43.5	30.3	6.0	20.2	99.4	99.4	1.9	2.7	-11.7	-11.7	-11.7
GEW-124	7/26/2018 14:25	49.3	34.1	4.8	11.8	83.7	83.7	4.4	3.0	-13.3	-13.3	-13.3
GEW-125	7/13/2018 11:29	6.5	51.7	0.7	41.1	179.9	180.3	5.8	6.2	-1.5	-1.5	-18.6
GEW-125	7/13/2018 11:35	9.1	42.4	0.8	47.7	179.7	179.7	13.9	4.3	-1.5	-1.5	-18.4
GEW-125	7/26/2018 14:15	5.9	52.3	1.2	40.6	173.6	173.6	5.5	8.2	-1.7	-1.7	-19.4
GEW-125	7/26/2018 14:16	6.1	53.4	1.1	39.4	173.6	173.9	6.2	5.9	-1.7	-1.7	-19.1
GEW-126	7/17/2018 9:34	28.3	47.7	0.5	23.5	120.5	120.7	19.9	19.6	-3.8	-3.6	-3.1
GEW-126	7/17/2018 9:41	26.2	46.8	0.5	26.5	121.2	121.0	14.7	16.6	-3.6	-3.8	-2.7
GEW-127	7/17/2018 9:02	9.4	58.0	1.1	31.5	177.5	177.6	11.5	9.4	-1.4	-1.4	-18.8
GEW-127	7/17/2018 9:08	9.6	56.6	1.1	32.7	177.7	177.9	9.6	10.4	-1.4	-1.4	-18.6
GEW-127	7/31/2018 8:35	9.2	61.4	0.6	28.8	174.0	174.0	10.7	10.9	-1.5	-1.5	-19.4
GEW-127	7/31/2018 8:37	9.7	62.4	0.6	27.3	174.2	174.2	9.7	9.7	-1.5	-1.5	-19.5
GEW-128	7/13/2018 13:57	9.7	51.8	2.5	36.0	180.9	180.9	5.3	3.6	-0.4	-0.3	-19.5
GEW-128	7/13/2018 14:05	11.2	50.9	2.4	35.5	180.9	180.9	7.8	7.8	-0.3	-0.3	-19.7
GEW-128	7/26/2018 14:02	12.5	48.1	4.5	34.9	176.9	176.9	8.0	9.6	-0.4	-0.4	-19.3
GEW-128	7/26/2018 14:04	12.8	49.4	4.5	33.3	176.9	176.9	9.3	9.4	-0.4	-0.4	-19.5
GEW-129	7/13/2018 10:15	0.8	69.9	0.1	29.2	190.2	190.3	5.4	5.4	-0.4	-0.4	-10.2
GEW-129	7/13/2018 11:33	2.6	69.0	0.0	28.4	194.0	195.0	5.6	5.4	-0.5	-0.5	-10.0
GEW-129	7/26/2018 13:46	11.1	58.5	0.1	30.3	171.0	171.0	7.5	8.7	-3.8	-3.8	-19.3
GEW-129	7/26/2018 13:48	11.0	60.4	0.0	28.6	171.6	171.1	8.0	7.9	-3.8	-3.8	-19.2
GEW-130	7/17/2018 9:11	8.6	54.5	1.6	35.3	186.4	185.7	20.9	24.6	-2.2	-2.2	-19.4
GEW-130	7/17/2018 9:17	8.9	51.3	1.7	38.1	185.9	185.9	18.3	21.2	-2.2	-2.2	-18.6
GEW-130	7/31/2018 8:39	7.6	55.1	2.5	34.8	185.1	185.1	17.3	26.2	-2.5	-2.5	-19.6
GEW-130	7/31/2018 8:41	7.5	54.1	2.5	35.9	185.1	185.1	20.5	20.5	-2.5	-2.5	-19.1
GEW-131	7/17/2018 9:24	24.5	42.8	0.1	32.6	156.0	156.0	11.7	10.0	-11.3	-11.2	-17.2
GEW-131	7/17/2018 9:30	25.0	41.4	0.1	33.5	156.7	156.6	12.0	12.9	-11.3	-11.3	-17.3
GEW-131	7/31/2018 8:43	23.5	45.5	0.0	31.0	153.3	153.3	12.3	11.9	-12.1	-11.7	-17.9
GEW-131	7/31/2018 8:45	24.7	43.7	0.0	31.6	153.3	153.3	11.5	11.9	-11.8	-11.8	-18.2
GEW-132	7/12/2018 13:43	2.2	48.4	0.2	49.2	174.7	175.3	0.0	1.4	-0.02	-0.02	-19.0
GEW-132	7/12/2018 13:49	4.0	46.4	0.1	49.5	174.7	174.7	2.8	2.2	-0.03	-0.02	-19.0
GEW-132	7/26/2018 9:25	2.1	37.7	3.3	56.9	165.0	164.7	1.8	2.0	-0.3	-0.2	-19.7
GEW-132	7/26/2018 9:26	1.9	37.5	3.3	57.3	164.9	165.2	2.0	1.4	-0.3	-0.3	-19.3
GEW-133	7/13/2018 8:33	14.5	47.3	0.4	37.8	166.1	166.1	44.2	36.9	-11.0	-10.7	-17.9
GEW-133	7/13/2018 8:40	15.5	49.9	0.4	34.2	166.7	166.7	45.8	34.4	-10.7	-10.7	-18.4
GEW-133	7/27/2018 8:27	10.6	53.9	0.0	35.5	166.8	167.0	35.9	47.9	-10.1	-10.1	-16.7
GEW-133	7/27/2018 8:29	10.6	53.1	0.0	36.3	167.1	167.1	47.7	40.3	-10.1	-10.3	-17.9
GEW-134	7/12/2018 11:38	17.2	44.4	1.1	37.3	159.4	159.6	7.9	12.0	-0.5	-0.7	-18.5
GEW-134	7/12/2018 11:48	19.5	42.4	1.1	37.0	160.2	160.2	3.4	3.4	-0.4	-0.4	-18.6
GEW-134	7/26/2018 9:16	14.6	44.7	1.6	39.1	161.1	161.1	5.3	4.6	-0.6	-0.6	-19.5
GEW-134	7/26/2018 9:17	14.9	45.0	1.6	38.5	161.6	161.6	3.5	4.1	-0.6	-0.6	-19.8
GEW-135	7/12/2018 11:26	7.6	42.0	1.7	48.7	152.3	152.5	20.7	23.9	-4.0	-4.2	-19.0
GEW-135	7/12/2018 11:33	9.1	41.7	1.6	47.6	152.5	152.5	24.4	10.4	-4.2	-3.5	-18.9

July 2018 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub>	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H <sub>2</sub> O		
GEW-135	7/26/2018 9:12	6.1	43.9	1.7	48.3	152.1	152.5	20.1	22.6	-4.1	-4.3	-20.3
GEW-135	7/26/2018 9:13	6.1	45.8	1.6	46.5	152.1	152.2	24.2	21.1	-4.4	-4.2	-20.2
GEW-136	7/11/2018 14:08	8.8	23.9	10.0	57.3	132.6	132.6	9.3	4.7	-0.1	-0.1	-17.1
GEW-136	7/11/2018 14:15	9.0	22.9	9.9	58.2	132.9	132.9	4.7	13.1	-0.1	-0.3	-17.1
GEW-136	7/23/2018 14:02	5.6	25.0	10.8	58.6	129.8	130.0	1.1	3.2	-0.1	-0.1	-17.0
GEW-136	7/23/2018 14:03	5.2	23.0	10.9	60.9	130.0	130.0	2.1	1.5	-0.1	-0.1	-17.2
GEW-137	7/11/2018 14:20	27.8	33.9	1.5	36.8	114.1	114.1	2.6	1.1	-17.6	-17.7	-19.1
GEW-137	7/11/2018 14:27	26.3	33.9	1.5	38.3	114.3	114.3	3.8	2.6	-18.6	-18.6	-20.0
GEW-138	7/12/2018 9:56	5.1	26.7	4.0	64.2	136.5	136.5	3.5	4.6	-0.1	-0.2	-18.8
GEW-138	7/12/2018 10:05	5.4	27.0	3.9	63.7	136.6	136.7	4.4	2.6	-0.2	-0.2	-18.0
GEW-138	7/26/2018 9:03	5.0	24.6	5.5	64.9	133.1	133.2	2.4	1.1	-0.2	-0.2	-19.5
GEW-138	7/26/2018 9:04	5.0	25.0	5.4	64.6	132.0	132.6	2.4	1.1	-0.2	-0.1	-19.7
GEW-139	7/13/2018 9:12	7.1	54.7	0.4	37.8	184.5	184.5	9.5	8.5	-6.4	-6.2	-18.7
GEW-139	7/13/2018 9:17	6.7	51.3	0.2	41.8	185.1	184.9	12.5	9.9	-6.6	-6.7	-18.5
GEW-139	7/26/2018 10:54	19.5	47.5	0.7	32.3	183.7	183.4	32.6	31.8	-7.7	-7.7	-19.2
GEW-139	7/26/2018 10:56	20.6	46.8	0.7	31.9	183.9	183.9	32.2	29.8	-7.8	-7.8	-19.3
GEW-140	7/13/2018 8:51	15.7	55.6	0.1	28.6	188.3	188.3	22.6	22.8	-5.0	-5.0	-19.2
GEW-140	7/13/2018 8:57	15.8	53.3	0.1	30.8	188.4	188.6	21.8	23.3	-5.0	-5.0	-18.8
GEW-140	7/26/2018 10:46	24.6	47.0	0.0	28.4	188.9	188.9	22.4	20.0	-5.3	-5.3	-20.8
GEW-140	7/26/2018 10:48	27.3	49.7	0.0	23.0	188.9	188.9	24.2	24.8	-5.3	-5.3	-20.7
GEW-141	7/13/2018 9:03	0.1	8.9	18.4	72.6	101.8	101.8	0.9	0.9	-0.1	-0.1	-18.9
GEW-141	7/13/2018 9:05	0.1	7.7	18.5	73.7	102.9	103.0	0.9	2.7	-0.1	-0.1	-18.9
GEW-141	7/26/2018 13:38	0.1	21.2	14.1	64.6	91.4	91.4	4.5	4.5	-0.1	-0.1	-19.1
GEW-141	7/26/2018 13:39	0.1	21.0	14.3	64.6	91.4	91.4	3.8	3.0	-0.1	-0.1	-19.0
GEW-142	7/13/2018 8:30	0.0	1.0	21.3	77.7	95.0	95.3	2.4	2.1	-0.1	-0.1	-19.2
GEW-142	7/13/2018 8:31	0.0	0.1	21.5	78.4	97.9	97.9	1.3	0.7	-0.1	-0.1	-18.9
GEW-142	7/26/2018 11:30	0.3	0.1	20.9	78.7	97.0	97.0	4.3	10.1	-0.1	-0.1	-19.5
GEW-142	7/26/2018 11:32	0.3	0.1	20.9	78.7	96.8	96.8	9.4	6.4	-0.1	-0.1	-19.5
GEW-143	7/12/2018 10:38	0.2	21.0	13.2	65.6	106.8	106.8	1.4	0.9	-0.3	-0.3	-18.2
GEW-143	7/12/2018 10:47	0.2	17.5	13.6	68.7	107.0	107.0	2.4	2.4	-0.3	-0.3	-19.2
GEW-143	7/26/2018 8:53	0.3	8.5	18.0	73.2	90.1	90.3	2.8	1.2	-0.1	-0.1	-19.1
GEW-143	7/26/2018 8:54	0.2	7.6	18.0	74.2	91.0	91.0	1.2	1.6	-0.2	-0.1	-19.2
GEW-144	7/12/2018 8:50	30.6	32.2	7.9	29.3	93.3	93.2	4.4	2.3	-18.7	-18.7	-19.0
GEW-144	7/12/2018 8:57	30.0	29.4	7.7	32.9	91.3	91.2	3.5	1.8	-18.7	-18.6	-19.0
GEW-144	7/26/2018 8:48	31.1	27.5	8.3	33.1	90.3	90.3	6.0	4.5	-18.7	-19.0	-19.0
GEW-144	7/26/2018 8:49	33.1	29.2	7.8	29.9	91.1	91.1	5.0	1.1	-18.7	-18.7	-19.0
GEW-145	7/12/2018 8:13	5.8	50.5	0.2	43.5	118.6	118.6	6.5	6.6	-16.3	-16.3	-18.9
GEW-145	7/12/2018 8:20	5.6	57.2	0.0	37.2	118.6	118.6	4.6	3.7	-16.6	-16.6	-19.2
GEW-146	7/11/2018 11:33	10.8	7.6	13.7	67.9	105.2	105.2	8.2	8.3	-0.1	-0.04	-19.9
GEW-146	7/11/2018 11:40	8.7	7.2	14.0	70.1	105.8	105.8	8.3	8.2	-0.1	-0.1	-20.0
GEW-146	7/23/2018 14:10	3.3	10.8	11.9	74.0	105.0	105.0	9.2	7.3	-0.03	-0.03	-19.7
GEW-146	7/23/2018 14:11	3.2	9.7	12.0	75.1	105.0	105.2	7.6	7.7	-0.04	-0.04	-20.3
GEW-147	7/11/2018 13:55	13.0	44.1	0.2	42.7	181.4	181.5	34.5	36.5	-14.3	-14.4	-18.8

July 2018 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub>	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H <sub>2</sub> O		
GEW-147	7/11/2018 14:03	14.3	44.5	0.1	41.1	181.5	181.5	36.4	36.4	-14.2	-14.2	-1.5
GEW-147	7/23/2018 13:58	11.3	50.5	0.0	38.2	179.7	179.7	36.1	37.5	-15.4	-15.1	-19.4
GEW-147	7/23/2018 13:59	12.5	50.4	0.0	37.1	180.3	180.3	36.3	36.3	-15.4	-15.4	-19.7
GEW-148	7/11/2018 9:49	10.3	47.1	2.5	40.1	138.1	138.0	5.6	3.2	-13.6	-13.7	-18.5
GEW-148	7/11/2018 9:56	12.9	46.8	1.6	38.7	139.9	139.9	4.2	2.5	-13.7	-13.6	-18.5
GEW-148	7/23/2018 13:47	14.7	50.8	2.3	32.2	111.7	111.7	3.4	4.9	-17.4	-17.4	-19.2
GEW-149	7/5/2018 11:43	33.9	39.8	0.3	26.0	118.9	118.9	13.6	14.2	-0.2	-0.2	-15.0
GEW-149	7/5/2018 11:50	43.5	38.4	0.3	17.8	119.7	119.7	14.3	13.0	-0.2	-0.2	-14.7
GEW-150	7/11/2018 11:21	41.7	51.8	0.8	5.7	186.4	186.4	18.0	12.7	-0.5	-0.6	-16.3
GEW-150	7/11/2018 11:30	25.0	49.0	0.8	25.2	187.0	187.0	11.7	9.6	-0.6	-0.6	-16.1
GEW-150	7/23/2018 13:25	23.0	47.0	1.5	28.5	187.0	187.0	15.4	15.4	-0.8	-0.8	-16.2
GEW-150	7/23/2018 13:26	22.5	49.6	1.4	26.5	187.0	187.0	10.0	12.1	-0.5	-0.4	-16.4
GEW-151	7/17/2018 8:39	9.1	52.4	0.2	38.3	181.5	181.5	4.5	3.0	-0.6	-0.6	-19.4
GEW-151	7/17/2018 8:45	8.9	49.4	0.2	41.5	183.1	183.1	2.0	2.0	-0.6	-0.6	-19.3
GEW-151	7/31/2018 7:44	17.4	52.3	0.1	30.2	100.4	100.4	4.7	5.3	-0.5	-0.5	-19.5
GEW-152	7/11/2018 9:17	25.8	51.4	0.7	22.1	115.5	115.6	1.9	3.6	-4.3	-4.3	-19.0
GEW-152	7/11/2018 9:23	25.3	46.6	1.0	27.1	119.2	119.2	3.1	3.8	-4.9	-4.9	-19.4
GEW-153	7/11/2018 8:44	45.5	39.9	0.0	14.6	104.8	104.8	3.5	5.8	-2.9	-2.8	-19.1
GEW-153	7/11/2018 8:50	45.4	37.7	0.0	16.9	106.0	106.1	1.9	1.9	-2.8	-2.8	-19.4
GEW-154	7/5/2018 10:16	3.8	10.0	11.5	74.7	110.7	110.7	1.8	1.4	-1.5	-1.5	-17.6
GEW-154	7/5/2018 10:23	3.4	9.8	11.6	75.2	110.0	110.0	4.2	0.8	-1.5	-1.5	-17.0
GEW-154	7/19/2018 11:37	3.1	12.7	11.9	72.3	94.8	94.8	3.2	1.7	-1.2	-1.2	-15.4
GEW-154	7/19/2018 11:38	3.4	10.4	12.0	74.2	94.6	94.6	1.5	2.9	-1.2	-1.3	-15.8
GEW-155	7/12/2018 10:52	1.3	21.2	4.5	73.0	119.9	119.9	2.7	3.5	-0.1	-0.1	-18.9
GEW-155	7/12/2018 10:59	1.0	20.6	4.5	73.9	120.2	119.9	2.5	2.7	-0.1	-0.1	-18.9
GEW-156	7/11/2018 13:51	37.6	50.1	0.1	12.2	121.8	121.8	4.7	6.4	-12.4	-12.3	-19.1
GEW-156	7/11/2018 13:57	36.7	49.6	0.0	13.7	122.6	122.6	5.3	3.9	-12.4	-12.4	-19.1
GEW-157	7/11/2018 13:23	17.9	48.7	1.7	31.7	124.2	124.2	3.2	1.9	-5.7	-5.7	-19.1
GEW-157	7/11/2018 13:29	16.6	48.3	1.6	33.5	123.9	123.9	3.5	2.8	-5.7	-5.7	-18.4
GEW-158	7/11/2018 10:09	22.8	59.2	0.0	18.0	156.9	157.3	10.9	3.9	-1.5	-1.4	-7.7
GEW-158	7/11/2018 10:16	27.6	59.5	0.0	12.9	161.1	161.1	11.2	12.3	-1.8	-1.7	-5.6
GEW-158	7/23/2018 11:29	19.9	58.5	0.0	21.6	159.4	159.8	10.7	10.0	-4.3	-4.2	-7.5
GEW-158	7/23/2018 11:30	20.7	59.4	0.0	19.9	159.4	159.4	10.7	10.7	-4.2	-4.0	-8.0
GEW-159	7/11/2018 8:23	38.1	38.2	2.1	21.6	89.4	89.5	2.3	2.9	-1.4	-1.5	-19.4
GEW-159	7/11/2018 8:30	38.2	37.7	2.1	22.0	89.8	89.8	3.1	2.8	-1.5	-1.5	-19.4
GEW-160	7/5/2018 9:39	2.8	51.5	0.7	45.0	110.6	110.7	11.7	10.0	-0.6	-0.6	-16.3
GEW-160	7/5/2018 9:46	4.3	48.3	0.6	46.8	111.7	111.7	5.6	6.7	-0.5	-0.5	-17.0
GEW-161	7/5/2018 9:49	10.1	50.5	0.3	39.1	156.5	156.0	1.9	5.5	-6.3	-6.3	-16.2
GEW-161	7/5/2018 9:56	10.8	47.0	0.6	41.6	156.0	156.5	5.0	2.8	-6.3	-6.3	-15.6
GEW-161	7/19/2018 13:25	8.1	48.7	0.7	42.5	90.1	90.1	3.7	4.7	-7.4	-7.4	-15.7
GEW-162	7/5/2018 11:32	24.2	52.7	1.7	21.4	133.2	133.2	2.9	5.2	-5.7	-5.7	-19.0
GEW-162	7/5/2018 11:39	25.1	52.2	1.5	21.2	133.5	133.5	3.4	4.2	-5.8	-5.7	-18.8
GEW-162	7/19/2018 13:30	11.7	57.9	0.9	29.5	104.6	104.7	7.1	2.9	-6.8	-6.8	-18.6

July 2018 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub>	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H <sub>2</sub> O		
GEW-163	7/2/2018 9:46	7.9	33.2	6.4	52.5	166.7	166.1	9.3	11.9	-0.2	-0.2	-17.9
GEW-163	7/2/2018 9:48	7.7	33.5	6.3	52.5	166.7	166.5	12.3	12.5	-0.2	-0.2	-19.4
GEW-163	7/9/2018 8:51	8.8	33.9	6.7	50.6	165.7	165.7	8.0	7.6	-0.3	-0.3	-19.3
GEW-163	7/9/2018 8:57	9.2	33.9	6.7	50.2	165.7	165.7	6.4	14.0	-0.3	-0.3	-18.7
GEW-163	7/17/2018 10:57	10.8	34.1	6.0	49.1	165.7	165.8	10.8	10.2	-0.3	-0.2	-18.2
GEW-163	7/17/2018 10:59	11.1	35.2	6.0	47.7	165.7	165.7	11.0	8.3	-0.2	-0.3	-17.6
GEW-163	7/26/2018 8:25	2.3	19.5	13.0	65.2	162.4	162.4	8.7	15.1	-0.3	-0.2	-19.1
GEW-163	7/26/2018 8:27	2.5	19.5	13.0	65.0	162.4	162.4	8.0	8.7	-0.2	-0.3	-19.4
GEW-163	7/31/2018 8:47	1.7	17.1	14.5	66.7	159.9	159.9	25.6	26.1	-0.3	-0.3	-19.1
GEW-163	7/31/2018 8:51	1.7	17.7	14.4	66.2	160.2	160.1	34.9	34.5	-0.3	-0.3	-19.3
GEW-164	7/2/2018 9:51	26.5	52.9	0.4	20.2	156.5	156.5	16.6	14.9	-0.3	-0.3	-18.6
GEW-164	7/2/2018 9:53	26.7	52.8	0.3	20.2	156.5	156.5	33.1	33.2	-0.3	-0.3	-18.8
GEW-164	7/9/2018 9:01	26.3	52.2	1.0	20.5	155.7	155.7	24.9	31.9	-0.3	-0.3	-19.1
GEW-164	7/9/2018 9:08	26.7	51.0	0.9	21.4	156.0	156.0	29.8	27.3	-0.3	-0.3	-19.2
GEW-164	7/17/2018 11:10	27.1	50.8	1.0	21.1	156.5	156.5	32.6	38.4	-0.3	-0.3	-19.0
GEW-164	7/17/2018 11:12	27.4	50.6	1.0	21.0	156.5	156.5	24.7	26.2	-0.3	-0.3	-20.0
GEW-164	7/26/2018 8:30	25.5	48.7	2.3	23.5	155.6	155.6	27.4	34.5	-0.3	-0.3	-19.9
GEW-164	7/26/2018 8:35	25.5	48.7	2.3	23.5	156.0	155.6	21.0	21.7	-0.3	-0.3	-19.6
GEW-164	7/31/2018 8:53	24.6	47.8	2.7	24.9	154.9	154.8	31.9	25.6	-0.3	-0.3	-20.2
GEW-164	7/31/2018 8:54	24.4	47.9	2.6	25.1	154.5	155.0	34.7	24.9	-0.3	-0.3	-19.6
GEW-165	7/2/2018 9:56	12.2	52.1	2.3	33.4	178.0	178.0	21.0	12.3	-0.6	-0.6	-18.2
GEW-165	7/2/2018 9:58	12.4	53.6	2.3	31.7	178.0	178.0	13.6	11.8	-0.6	-0.6	-18.5
GEW-165	7/9/2018 9:13	12.5	52.4	2.4	32.7	177.5	177.5	12.3	14.6	-0.6	-0.6	-18.7
GEW-165	7/9/2018 9:20	14.0	51.5	2.5	32.0	177.5	177.5	9.1	18.1	-0.7	-0.6	-18.7
GEW-165	7/17/2018 11:16	14.0	52.1	2.7	31.2	176.9	177.4	17.5	21.1	-0.7	-0.7	-19.1
GEW-165	7/17/2018 11:18	14.2	52.0	2.8	31.0	177.5	177.3	13.6	20.2	-0.7	-0.7	-19.1
GEW-165	7/26/2018 8:37	14.2	50.0	3.3	32.5	176.4	176.6	16.4	22.1	-0.7	-0.7	-19.1
GEW-165	7/26/2018 8:39	14.8	51.6	3.4	30.2	176.9	176.9	19.2	13.8	-0.7	-0.7	-19.0
GEW-165	7/31/2018 8:59	12.4	49.1	3.8	34.7	175.3	175.3	13.8	11.6	-0.7	-0.7	-19.9
GEW-165	7/31/2018 9:01	12.2	50.5	3.9	33.4	175.3	175.3	17.6	16.6	-0.7	-0.7	-19.7
GEW-166	7/2/2018 10:01	1.8	52.9	0.3	45.0	195.1	195.1	17.1	5.1	-6.3	-6.3	-18.5
GEW-166	7/2/2018 10:03	1.8	54.7	0.3	43.2	195.0	195.0	45.1	40.1	-6.8	-6.8	-18.8
GEW-166	7/9/2018 9:25	2.6	53.7	0.5	43.2	191.6	191.6	17.2	25.2	-9.7	-9.7	-18.8
GEW-166	7/9/2018 9:31	3.7	49.4	0.5	46.4	191.6	191.6	21.3	11.3	-9.3	-9.3	-18.5
GEW-166	7/17/2018 11:22	2.6	53.8	0.4	43.2	195.0	195.0	30.6	16.8	-6.5	-6.6	-10.6
GEW-166	7/17/2018 11:24	3.4	54.5	0.3	41.8	195.0	195.0	34.0	19.5	-6.8	-6.8	-18.4
GEW-166	7/26/2018 8:43	2.4	53.8	0.4	43.4	194.4	194.3	38.9	11.3	-7.3	-7.3	-19.8
GEW-166	7/26/2018 8:44	2.5	54.4	0.4	42.7	194.3	194.3	57.3	55.4	-8.2	-8.2	-19.7
GEW-166	7/31/2018 9:05	2.1	54.2	0.4	43.3	194.3	194.3	36.9	33.8	-7.8	-7.8	-19.7
GEW-166	7/31/2018 9:07	2.2	54.5	0.4	42.9	194.3	194.3	47.3	40.6	-8.2	-8.2	-20.1
GEW-167	7/2/2018 10:17	2.2	40.7	5.7	51.4	188.9	189.0	15.7	21.5	-0.3	-0.3	-14.5
GEW-167	7/2/2018 10:19	2.1	40.9	5.8	51.2	189.6	188.9	26.3	22.9	-0.3	-0.3	-13.8
GEW-167	7/9/2018 10:26	1.7	41.3	5.2	51.8	188.9	189.1	15.2	13.5	-0.3	-0.3	-14.4

July 2018 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub>	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H <sub>2</sub> O		
GEW-167	7/9/2018 10:33	2.4	39.8	5.3	52.5	188.9	188.9	8.7	10.4	-0.3	-0.3	-14.5
GEW-167	7/17/2018 11:59	2.2	41.3	4.8	51.7	189.6	189.6	11.1	5.2	-0.3	-0.3	-14.2
GEW-167	7/17/2018 12:00	2.2	42.5	4.8	50.5	189.8	189.6	4.6	7.3	-0.3	-0.3	-13.1
GEW-167	7/26/2018 8:49	1.9	44.8	4.9	48.4	189.6	189.6	9.3	7.3	-0.2	-0.2	-14.3
GEW-167	7/26/2018 8:50	2.0	44.2	4.9	48.9	189.6	189.6	7.3	4.0	-0.2	-0.2	-14.2
GEW-167	7/31/2018 10:11	1.7	44.7	4.1	49.5	190.2	190.2	10.1	8.4	-0.2	-0.2	-13.1
GEW-167	7/31/2018 10:13	1.6	45.2	4.1	49.1	190.2	190.2	9.8	9.0	-0.2	-0.2	-13.2
GEW-168	7/2/2018 10:07	16.6	47.7	2.6	33.1	162.9	162.7	11.6	8.0	-0.2	-0.2	-18.2
GEW-168	7/2/2018 10:08	16.9	48.9	2.6	31.6	163.0	163.1	11.3	6.8	-0.2	-0.2	-17.7
GEW-168	7/9/2018 10:40	19.4	50.1	2.4	28.1	161.7	162.0	37.1	25.3	-0.4	-0.3	-17.6
GEW-168	7/9/2018 10:47	19.3	47.6	2.5	30.6	162.0	162.0	27.1	22.5	-0.4	-0.4	-18.4
GEW-168	7/17/2018 11:41	18.5	46.1	2.8	32.6	161.5	161.3	33.3	31.0	-0.2	-0.2	-18.7
GEW-168	7/17/2018 11:43	17.3	48.9	2.8	31.0	161.1	161.1	23.0	24.5	-0.2	-0.2	-18.5
GEW-168	7/26/2018 8:55	21.3	47.1	4.3	27.3	159.0	159.0	2.4	6.4	-0.2	-0.2	-19.0
GEW-168	7/26/2018 8:56	21.9	46.4	4.3	27.4	159.1	159.4	17.7	14.8	-0.2	-0.2	-18.8
GEW-168	7/31/2018 9:59	21.0	55.7	1.0	22.3	156.9	156.5	6.9	3.5	-0.2	-0.2	-19.0
GEW-168	7/31/2018 10:00	20.9	55.6	0.9	22.6	156.5	156.4	2.4	7.7	-0.2	-0.2	-19.0
GEW-169	7/2/2018 10:12	7.1	53.2	1.3	38.4	184.5	184.5	12.6	11.2	-1.3	-1.3	-18.0
GEW-169	7/2/2018 10:13	7.1	54.2	1.3	37.4	184.5	184.5	4.7	22.7	-1.4	-1.4	-18.0
GEW-169	7/9/2018 10:52	9.9	56.4	0.6	33.1	186.4	186.4	66.3	61.9	-1.2	-1.1	-19.4
GEW-169	7/9/2018 10:59	11.3	54.8	0.7	33.2	187.0	186.8	79.8	87.5	-2.0	-2.0	-19.4
GEW-169	7/17/2018 11:47	8.4	55.5	0.7	35.4	186.4	186.4	46.7	46.1	-0.9	-0.9	-17.7
GEW-169	7/17/2018 11:48	8.2	56.2	0.7	34.9	186.3	186.3	45.4	51.4	-1.0	-1.0	-19.0
GEW-169	7/26/2018 9:00	11.0	56.0	0.9	32.1	185.7	185.7	38.5	37.3	-0.8	-0.9	-17.3
GEW-169	7/26/2018 9:02	11.0	56.5	0.9	31.6	185.7	185.7	57.1	58.5	-0.9	-1.0	-19.1
GEW-169	7/31/2018 10:05	9.3	54.3	0.9	35.5	185.1	185.1	48.1	47.5	-0.9	-0.9	-19.3
GEW-169	7/31/2018 10:07	9.1	57.1	0.9	32.9	184.9	185.1	51.4	53.9	-1.0	-1.1	-19.6
GEW-170	7/13/2018 14:08	11.4	57.9	0.3	30.4	179.2	179.5	11.8	7.0	-1.3	-1.3	-12.1
GEW-170	7/13/2018 14:15	13.5	51.3	0.3	34.9	179.2	179.2	8.8	7.7	-1.4	-1.4	-12.8
GEW-170	7/26/2018 14:08	14.8	54.9	0.9	29.4	172.6	172.4	13.6	4.8	-1.8	-1.9	-14.2
GEW-170	7/26/2018 14:10	14.9	54.9	0.9	29.3	172.7	172.6	11.6	6.7	-1.9	-1.9	-14.8
GEW-171	7/13/2018 8:24	0.1	2.8	20.7	76.4	98.4	98.4	1.7	1.7	-17.5	-17.5	-18.2
GEW-171	7/13/2018 8:25	0.0	1.8	20.8	77.4	99.6	99.6	1.3	2.3	-17.5	-17.5	-18.2
GEW-171	7/26/2018 11:21	1.0	6.2	20.3	72.5	100.9	100.9	58.0	75.8	-16.6	-16.6	-17.6
GEW-171	7/26/2018 11:24	0.9	3.7	20.5	74.9	100.9	100.9	70.3	66.9	-16.6	-16.5	-17.6
GEW-172	7/13/2018 8:41	21.6	54.2	0.4	23.8	164.3	165.2	22.9	27.4	-14.2	-14.5	-18.9
GEW-172	7/13/2018 8:47	20.4	54.7	0.3	24.6	164.7	164.3	19.9	20.3	-14.8	-14.5	-18.9
GEW-172	7/26/2018 11:15	16.3	51.9	0.0	31.8	183.3	183.3	31.7	30.8	-0.5	-0.5	-19.3
GEW-172	7/26/2018 11:17	16.0	54.2	0.0	29.8	183.3	183.3	39.4	40.4	-0.5	-0.5	-19.4
GEW-173	7/13/2018 9:41	4.5	16.5	9.4	69.6	128.9	128.8	1.5	1.5	-0.1	-0.1	-18.6
GEW-173	7/13/2018 9:48	4.4	15.4	9.5	70.7	128.6	128.3	2.1	2.1	-0.1	-0.1	-18.8
GEW-173	7/27/2018 8:34	2.4	15.1	13.1	69.4	118.1	118.0	20.1	14.7	-0.3	-0.3	-19.9
GEW-173	7/27/2018 8:36	2.2	9.8	13.6	74.4	116.3	116.8	11.4	6.9	-0.2	-0.1	-19.6

July 2018 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub>	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H <sub>2</sub> O		
GEW-174	7/12/2018 9:07	24.0	49.2	0.2	26.6	152.1	152.1	37.9	31.5	-3.8	-3.8	-18.8
GEW-174	7/12/2018 9:13	24.0	49.0	0.1	26.9	152.3	152.5	22.6	35.2	-3.6	-3.6	-19.3
GEW-174	7/26/2018 8:40	22.0	52.7	0.0	25.3	150.7	151.0	19.8	26.4	-3.3	-3.3	-19.2
GEW-174	7/26/2018 8:41	23.0	51.1	0.0	25.9	151.1	151.0	23.0	33.3	-3.3	-3.3	-19.8
GEW-175	7/11/2018 11:09	24.2	61.9	0.0	13.9	175.5	175.3	15.3	18.3	-0.1	-0.03	-19.9
GEW-175	7/11/2018 11:17	33.1	59.4	0.1	7.4	176.1	175.9	39.2	33.5	-0.2	-0.3	-18.3
GEW-175	7/11/2018 11:33	19.1	58.2	0.3	22.4	174.2	174.7	35.7	42.8	-0.3	-0.2	-19.1
GEW-175	7/23/2018 11:38	20.8	40.8	3.2	35.2	149.9	149.8	38.9	43.9	-0.4	-0.4	-20.1
GEW-175	7/23/2018 11:39	21.1	40.7	3.2	35.0	149.9	149.9	34.3	45.5	-0.4	-0.4	-20.0
GEW-176	7/11/2018 10:57	48.6	46.6	0.9	3.9	106.3	106.4	5.7	4.6	-0.02	-0.02	-19.5
GEW-176	7/11/2018 11:03	48.1	46.3	0.8	4.8	109.0	109.1	11.5	12.6	-0.2	-0.2	-19.6
GEW-176	7/11/2018 11:36	36.2	45.3	1.0	17.5	118.4	118.4	10.4	9.7	-0.2	-0.2	-20.5
GEW-177	7/13/2018 9:58	8.1	56.0	2.0	33.9	180.9	180.4	12.8	12.2	-5.0	-5.1	-7.2
GEW-177	7/13/2018 10:10	7.8	55.2	2.0	35.0	180.9	180.9	14.1	13.2	-5.4	-5.4	-6.8
GEW-177	7/26/2018 13:56	7.4	59.4	0.6	32.6	190.9	191.1	6.0	25.6	-9.4	-9.4	-19.4
GEW-177	7/26/2018 13:57	7.3	60.3	0.4	32.0	190.9	190.9	20.2	33.4	-9.3	-9.8	-19.2
GEW-178	7/2/2018 14:05	20.7	47.2	1.0	31.1	113.4	113.5	18.8	18.2	-0.9	-0.9	-13.7
GEW-178	7/11/2018 8:27	27.5	58.4	0.0	14.1	116.0	115.7	8.9	8.0	-0.6	-0.6	-19.2
GEW-178	7/11/2018 8:32	27.8	57.0	0.0	15.2	116.3	116.2	7.9	8.7	-0.6	-0.6	-18.0
GEW-178	7/17/2018 14:05	21.3	55.4	0.6	22.7	119.3	119.2	6.8	3.5	-0.4	-0.3	-8.1
GEW-178	7/25/2018 14:30	24.1	52.7	0.4	22.8	121.0	121.0	4.2	3.5	-0.6	-0.6	-20.3
GEW-178	7/31/2018 10:50	23.1	51.6	0.6	24.7	112.9	112.7	7.9	8.9	-0.6	-0.6	-19.5
GEW-179	7/2/2018 14:08	21.0	50.6	0.6	27.8	132.0	131.9	10.2	14.1	-6.5	-6.3	-17.9
GEW-179	7/2/2018 14:10	20.9	51.3	0.5	27.3	132.0	131.7	8.5	15.4	-6.5	-6.3	-18.2
GEW-179	7/11/2018 8:15	18.3	55.0	0.7	26.0	133.5	133.5	15.5	11.1	-4.9	-4.9	-19.3
GEW-179	7/11/2018 8:22	18.2	54.1	0.6	27.1	133.5	133.5	14.9	11.6	-4.9	-4.8	-19.7
GEW-179	7/17/2018 14:11	19.2	51.7	0.8	28.3	137.4	137.4	15.8	19.0	-4.9	-4.9	-20.5
GEW-179	7/17/2018 14:13	18.9	51.9	0.8	28.4	137.7	137.4	10.5	13.6	-4.9	-4.9	-20.8
GEW-179	7/25/2018 14:35	21.5	51.5	0.9	26.1	140.0	140.1	13.6	7.5	-4.4	-4.4	-20.8
GEW-179	7/25/2018 14:37	21.3	51.8	0.9	26.0	140.0	140.0	15.0	12.9	-4.4	-4.4	-20.1
GEW-179	7/31/2018 10:39	19.9	50.9	1.7	27.5	137.4	137.1	10.3	13.4	-4.3	-4.3	-19.8
GEW-179	7/31/2018 10:41	20.4	50.4	1.7	27.5	137.1	137.4	16.2	12.3	-4.2	-4.2	-19.2
GEW-180	7/2/2018 14:14	16.2	61.1	0.2	22.5	148.9	148.8	14.8	13.4	-4.9	-4.9	-18.8
GEW-180	7/2/2018 14:15	15.9	62.2	0.2	21.7	149.1	149.1	18.4	19.3	-5.0	-5.0	-18.5
GEW-180	7/11/2018 8:05	16.1	63.3	0.2	20.4	148.4	148.1	4.1	6.8	-4.1	-4.1	-19.7
GEW-180	7/11/2018 8:11	17.3	58.2	0.2	24.3	148.2	148.0	7.5	7.3	-4.3	-4.2	-19.4
GEW-180	7/17/2018 14:19	15.8	60.6	0.4	23.2	147.7	147.7	3.1	2.3	-4.9	-4.8	-20.1
GEW-180	7/17/2018 14:21	15.6	62.0	0.3	22.1	148.0	148.0	8.7	8.9	-4.8	-4.8	-19.9
GEW-180	7/26/2018 7:38	16.1	60.8	0.3	22.8	145.2	145.5	5.3	5.7	-3.9	-3.9	-20.0
GEW-180	7/26/2018 7:42	15.7	62.1	0.3	21.9	145.2	145.2	4.9	7.8	-4.1	-4.1	-19.9
GEW-180	7/31/2018 10:32	19.6	63.4	0.1	16.9	144.8	144.7	8.0	7.2	-3.6	-3.6	-19.6
GEW-180	7/31/2018 10:34	19.9	63.6	0.1	16.4	144.8	144.5	6.1	7.0	-3.6	-3.6	-19.6
GEW-181	7/2/2018 14:20	17.2	58.2	0.9	23.7	155.6	155.4	4.5	9.0	-1.7	-1.7	-19.4

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Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub>	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H <sub>2</sub> O		
GEW-181	7/2/2018 14:21	17.3	59.2	0.9	22.6	155.3	155.2	8.1	8.5	-1.7	-1.7	-19.2
GEW-181	7/11/2018 7:53	18.6	59.4	0.3	21.7	159.4	159.5	17.2	15.0	-1.3	-1.3	-20.2
GEW-181	7/11/2018 8:00	18.8	59.0	0.1	22.1	159.5	159.8	13.8	17.2	-1.2	-1.3	-20.7
GEW-181	7/18/2018 7:42	17.5	59.2	0.4	22.9	159.4	159.1	16.2	16.2	-1.3	-1.3	-21.1
GEW-181	7/18/2018 7:44	17.0	62.1	0.3	20.6	159.1	159.4	19.0	18.5	-1.3	-1.3	-20.8
GEW-181	7/26/2018 7:43	17.3	60.4	0.3	22.0	160.2	159.9	14.6	17.3	-1.3	-1.3	-20.7
GEW-181	7/26/2018 7:45	17.5	62.0	0.3	20.2	159.8	160.2	13.7	12.1	-1.5	-1.4	-20.7
GEW-181	7/31/2018 10:25	21.9	61.6	0.2	16.3	160.1	160.2	15.5	16.3	-1.3	-1.2	-20.5
GEW-181	7/31/2018 10:27	21.4	62.4	0.2	16.0	159.8	159.8	14.9	16.5	-1.2	-1.2	-20.7
GEW-182	7/2/2018 11:01	23.5	44.9	2.5	29.1	152.5	152.5	18.3	18.5	-0.7	-0.7	-17.4
GEW-182	7/2/2018 11:03	24.8	46.6	2.4	26.2	152.9	152.9	12.0	12.3	-0.4	-0.4	-18.5
GEW-182	7/9/2018 13:52	24.3	43.1	3.0	29.6	131.2	131.2	22.6	21.0	-0.7	-0.7	-19.1
GEW-182	7/9/2018 14:01	24.3	43.4	3.1	29.2	131.2	131.2	22.9	22.2	-0.7	-0.7	-19.6
GEW-182	7/18/2018 8:05	23.6	41.1	4.2	31.1	124.5	124.0	15.6	10.9	-0.6	-0.6	-20.2
GEW-182	7/26/2018 7:59	26.3	39.1	4.7	29.9	123.1	123.4	15.2	11.2	-0.6	-0.6	-20.4
GEW-182	7/31/2018 8:26	26.8	38.9	4.7	29.6	119.7	119.4	16.5	14.8	-0.6	-0.6	-20.5
GEW-184	7/2/2018 11:23	25.7	49.1	3.4	21.8	124.5	124.2	7.5	7.3	-0.1	-0.1	-18.3
GEW-184	7/9/2018 11:37	28.5	47.6	3.2	20.7	124.2	124.2	9.5	4.3	-0.1	-0.1	-19.1
GEW-184	7/9/2018 11:43	27.0	46.3	3.8	22.9	128.7	128.6	11.6	9.0	-0.2	-0.2	-18.8
GEW-184	7/18/2018 9:16	18.3	43.7	4.9	33.1	116.2	116.3	10.7	8.3	-0.2	-0.2	-19.2
GEW-184	7/26/2018 8:04	17.4	40.7	6.4	35.5	113.2	113.0	8.1	6.2	-0.2	-0.2	-19.7
GEW-184	7/26/2018 8:06	17.3	40.6	6.5	35.6	112.7	112.5	10.8	8.9	-0.2	-0.2	-20.0
GEW-184	7/31/2018 8:30	16.9	38.4	7.0	37.7	105.7	105.6	14.2	12.6	-0.1	-0.1	-20.0
GEW-184	7/31/2018 8:31	16.3	39.3	7.0	37.4	105.9	106.0	3.7	8.3	-0.1	-0.1	-19.9
GEW-185	7/2/2018 11:18	21.1	56.1	0.8	22.0	172.1	172.1	17.5	15.4	-0.5	-0.5	-18.0
GEW-185	7/2/2018 11:19	21.4	56.5	0.8	21.3	172.3	172.1	12.5	9.6	-0.2	-0.2	-18.0
GEW-185	7/9/2018 11:48	21.4	55.4	1.0	22.2	174.7	174.2	10.7	10.4	-0.2	-0.2	-18.7
GEW-185	7/9/2018 11:55	23.2	53.7	1.1	22.0	174.2	174.2	11.7	12.3	-0.2	-0.2	-18.8
GEW-185	7/18/2018 8:15	17.7	55.3	1.3	25.7	172.6	172.6	2.0	3.6	-0.2	-0.2	-19.6
GEW-185	7/18/2018 8:17	17.2	55.8	1.2	25.8	172.6	172.8	1.7	4.3	-0.3	-0.2	-19.6
GEW-185	7/26/2018 8:10	17.4	55.5	1.1	26.0	174.7	174.2	7.8	4.5	-0.2	-0.2	-19.9
GEW-185	7/26/2018 8:12	18.0	56.1	1.2	24.7	174.2	174.2	10.8	6.3	-0.3	-0.2	-19.7
GEW-185	7/31/2018 8:35	16.7	55.9	1.4	26.0	172.9	172.6	7.6	6.8	-0.2	-0.2	-19.8
GEW-185	7/31/2018 8:37	16.5	55.7	1.3	26.5	173.0	172.7	10.4	6.2	-0.2	-0.2	-19.6
GEW-186	7/2/2018 13:17	24.7	44.5	3.0	27.8	146.3	146.3	5.0	7.9	-0.2	-0.2	-18.4
GEW-186	7/2/2018 13:18	23.9	46.1	2.9	27.1	146.0	146.2	2.3	5.8	-0.2	-0.2	-19.1
GEW-186	7/11/2018 8:45	20.7	47.0	3.3	29.0	142.2	142.5	5.6	7.3	-0.1	-0.2	-19.5
GEW-186	7/11/2018 8:53	21.3	47.6	3.2	27.9	142.4	142.5	7.1	7.4	-0.1	-0.1	-19.7
GEW-186	7/18/2018 7:52	23.5	50.5	2.0	24.0	138.1	138.0	6.2	8.6	-0.1	-0.2	-20.1
GEW-186	7/18/2018 7:54	23.7	51.3	2.0	23.0	138.0	138.1	5.2	6.2	-0.1	-0.2	-20.4
GEW-186	7/26/2018 7:51	22.6	51.5	2.2	23.7	142.2	141.9	10.5	7.5	-0.2	-0.2	-20.6
GEW-186	7/26/2018 7:53	22.8	51.3	2.2	23.7	142.3	142.2	9.9	9.5	-0.2	-0.2	-19.5
GEW-186	7/31/2018 10:18	29.1	51.7	2.1	17.1	139.3	139.3	8.5	3.8	-0.2	-0.2	-19.5

July 2018 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub>	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H <sub>2</sub> O		
GEW-186	7/31/2018 10:19	29.2	51.1	2.1	17.6	139.3	139.6	9.0	7.0	-0.1	-0.2	-19.1
GEW-187	7/2/2018 13:41	16.0	45.2	4.7	34.1	149.1	148.8	22.1	19.5	-4.0	-3.9	-18.6
GEW-187	7/2/2018 13:43	16.5	45.5	4.5	33.5	148.0	148.4	21.2	18.9	-3.4	-3.4	-18.3
GEW-187	7/11/2018 9:01	15.1	45.6	4.5	34.8	152.1	151.7	5.5	2.3	-2.0	-2.0	-19.4
GEW-187	7/11/2018 9:09	15.8	44.9	4.8	34.5	151.7	150.8	5.0	3.6	-2.0	-2.0	-19.2
GEW-187	7/17/2018 13:45	14.3	44.7	4.9	36.1	150.2	151.3	5.5	4.7	-2.8	-2.8	-20.2
GEW-187	7/17/2018 13:47	14.7	45.8	4.6	34.9	149.9	149.2	3.4	2.3	-2.0	-2.0	-20.5
GEW-187	7/25/2018 14:15	14.9	45.8	4.2	35.1	156.7	156.5	2.7	1.0	-0.8	-0.8	-20.5
GEW-187	7/25/2018 14:17	14.0	46.4	4.1	35.5	156.9	156.8	2.1	2.5	-0.9	-0.8	-20.7
GEW-187	7/31/2018 11:13	19.2	52.4	1.6	26.8	149.5	149.5	4.3	4.0	-1.4	-1.4	-19.7
GEW-187	7/31/2018 11:15	19.6	52.7	1.8	25.9	149.4	149.5	4.0	3.3	-1.4	-1.3	-19.4
GEW-188	7/2/2018 11:14	2.3	50.0	0.1	47.6	115.8	115.8	6.0	6.2	-0.1	-0.1	-18.3
GEW-188	7/9/2018 14:15	0.7	19.0	7.4	72.9	133.5	133.5	6.5	6.5	-0.1	-0.1	-18.8
GEW-188	7/9/2018 14:22	0.6	18.7	7.4	73.3	135.0	135.0	8.1	7.9	-0.1	-0.1	-18.9
GEW-188	7/18/2018 8:09	0.9	14.9	12.3	71.9	94.3	94.3	4.0	4.0	-0.1	-0.1	-19.8
GEW-188	7/18/2018 8:11	0.8	14.0	12.4	72.8	94.5	94.5	3.8	2.8	-0.1	-0.1	-19.6
GEW-188	7/26/2018 8:17	0.8	16.1	10.4	72.7	96.0	96.0	4.0	5.1	-0.1	-0.1	-19.6
GEW-188	7/26/2018 8:19	0.7	14.3	10.7	74.3	95.8	96.0	4.0	5.0	-0.1	-0.1	-19.5
GEW-188	7/31/2018 8:42	1.0	16.7	13.1	69.2	81.0	81.0	6.6	7.9	-0.1	-0.1	-19.6
GEW-188	7/31/2018 8:43	0.8	15.3	13.4	70.5	81.0	81.0	7.9	6.4	-0.1	-0.1	-19.7
GEW-1A	7/5/2018 9:06	3.5	1.7	19.4	75.4	110.0	110.2	0.0	0.0	-12.5	-12.5	-13.0
GEW-1A	7/5/2018 9:07	3.4	1.3	19.6	75.7	111.0	111.0	0.0	0.0	-12.7	-12.7	-13.0
GEW-1A	7/10/2018 8:44	2.7	1.4	19.6	76.3	103.6	104.0	1.7	0.0	-12.3	-12.9	-12.4
GEW-1A	7/10/2018 8:46	2.7	1.1	19.8	76.4	104.6	104.8	0.0	0.0	-12.6	-12.8	-12.7
GEW-1A	7/20/2018 7:44	2.5	2.9	19.7	74.9	84.7	84.9	0.0	0.0	-12.1	-12.4	-12.8
GEW-1A	7/20/2018 7:45	2.4	1.0	20.2	76.4	85.0	84.9	0.0	0.0	-12.7	-12.7	-13.0
GEW-1A	7/23/2018 10:05	2.9	2.4	19.2	75.5	90.1	90.1	0.0	0.0	-13.1	-13.1	-13.0
GEW-1A	7/23/2018 10:06	2.9	1.4	19.4	76.3	90.6	90.7	0.0	0.0	-13.2	-13.1	-12.9
GEW-1A	7/30/2018 11:25	2.0	4.1	20.0	73.9	70.3	70.4	0.0	0.0	-12.9	-12.9	-13.0
GEW-1A	7/30/2018 11:26	1.5	1.3	20.7	76.5	70.8	70.9	0.0	0.0	-12.9	-12.9	-13.0
GEW-2S	7/5/2018 9:11	59.2	35.2	1.2	4.4	96.0	95.9	12.7	11.5	-5.7	-5.7	-13.0
GEW-2S	7/5/2018 9:17	58.3	35.3	1.0	5.4	95.1	95.0	13.2	13.0	-5.6	-5.6	-12.9
GEW-2S	7/10/2018 8:49	60.2	35.5	1.0	3.3	92.9	92.9	15.2	14.2	-5.9	-5.8	-12.8
GEW-2S	7/19/2018 14:40	59.9	36.7	0.3	3.1	88.3	88.2	15.2	15.2	-6.4	-6.4	-12.4
GEW-2S	7/23/2018 10:11	62.5	37.3	0.2	0.0	86.3	86.3	12.2	12.5	-6.6	-6.3	-13.0
GEW-2S	7/30/2018 11:30	60.6	33.5	0.4	5.5	73.9	73.9	19.0	18.6	-5.9	-5.6	-12.7
GIW-01	7/3/2018 14:08	9.3	59.5	0.1	31.1	171.6	171.6	4.1	5.6	-4.1	-4.1	-19.1
GIW-01	7/3/2018 14:15	10.2	58.6	0.1	31.1	172.2	172.2	3.3	4.8	-4.0	-4.0	-18.8
GIW-01	7/10/2018 10:17	8.4	63.0	0.0	28.6	173.1	173.1	5.1	6.7	-2.5	-2.5	-18.7
GIW-01	7/10/2018 10:18	8.1	66.3	0.0	25.6	173.1	173.1	5.0	7.0	-2.6	-2.6	-18.5
GIW-01	7/20/2018 9:17	8.7	63.5	0.1	27.7	172.1	172.1	4.7	5.5	-2.6	-2.6	-19.3
GIW-01	7/20/2018 9:18	8.4	65.7	0.0	25.9	172.3	172.1	3.7	4.5	-2.5	-2.5	-19.1
GIW-01	7/25/2018 14:33	10.5	61.6	0.0	27.9	173.1	173.5	7.5	7.7	-3.3	-3.3	-20.6



July 2018 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub>	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H <sub>2</sub> O		
GIW-01	7/25/2018 14:34	9.7	64.9	0.0	25.4	173.1	173.1	6.2	8.6	-3.3	-3.3	-20.9
GIW-01	7/31/2018 13:43	8.7	57.6	0.8	32.9	169.1	169.1	9.2	8.9	-2.9	-2.9	-19.9
GIW-01	7/31/2018 13:44	8.3	62.6	0.6	28.5	169.5	169.5	7.7	7.9	-2.9	-2.9	-19.8
GIW-02	7/3/2018 14:19	5.8	28.5	8.9	56.8	110.7	110.8	0.0	2.5	-0.2	-0.2	-18.9
GIW-02	7/3/2018 14:25	5.2	27.2	9.0	58.6	111.2	111.2	3.1	2.7	-0.2	-0.2	-18.8
GIW-02	7/10/2018 10:21	4.5	31.8	9.5	54.2	104.5	104.6	1.4	1.4	-0.2	-0.2	-18.4
GIW-02	7/10/2018 10:22	4.5	30.6	9.6	55.3	105.0	105.0	2.1	1.3	-0.2	-0.2	-18.7
GIW-02	7/20/2018 9:20	4.6	31.9	10.8	52.7	96.0	96.2	2.3	2.0	-0.2	-0.3	-18.7
GIW-02	7/20/2018 9:22	4.7	28.3	11.1	55.9	97.1	97.1	1.6	1.6	-0.3	-0.3	-18.8
GIW-02	7/25/2018 14:36	5.4	33.8	8.3	52.5	104.3	104.4	1.1	1.6	-0.3	-0.2	-20.7
GIW-02	7/25/2018 14:38	5.0	30.0	8.7	56.3	104.6	104.5	2.7	2.5	-0.3	-0.3	-20.5
GIW-02	7/31/2018 13:47	3.4	30.0	10.6	56.0	73.4	73.2	1.2	2.9	-0.2	-0.2	-19.4
GIW-02	7/31/2018 13:48	3.5	27.8	10.7	58.0	71.9	71.8	1.2	1.2	-0.2	-0.2	-19.3
GIW-03	7/3/2018 14:29	13.9	49.4	0.7	36.0	106.2	106.2	3.1	3.7	-3.9	-3.9	-11.2
GIW-03	7/3/2018 14:35	15.0	50.1	0.7	34.2	105.7	105.7	4.3	4.7	-3.8	-3.8	-10.7
GIW-03	7/10/2018 10:24	12.0	53.8	0.7	33.5	103.6	103.8	3.1	2.1	-4.7	-4.7	-11.8
GIW-03	7/20/2018 9:25	13.5	53.9	0.8	31.8	94.3	94.3	3.9	3.0	-4.6	-4.6	-13.9
GIW-03	7/25/2018 14:40	15.3	50.8	1.0	32.9	100.4	100.1	2.5	2.2	-5.8	-5.7	-13.7
GIW-03	7/31/2018 13:50	9.1	57.1	0.5	33.3	71.1	71.1	3.5	2.4	-3.5	-3.5	-15.2
GIW-04	7/3/2018 14:39	4.4	53.2	0.9	41.5	107.0	107.0	4.0	3.7	-1.7	-1.7	-16.5
GIW-04	7/3/2018 14:45	6.7	50.4	1.0	41.9	106.5	106.5	3.4	3.5	-1.7	-1.7	-16.0
GIW-04	7/10/2018 10:26	2.1	59.3	0.5	38.1	110.8	111.1	2.8	2.3	-1.1	-1.1	-14.6
GIW-04	7/20/2018 9:27	2.4	56.1	0.7	40.8	96.5	96.6	2.8	3.0	-1.2	-1.2	-15.7
GIW-04	7/25/2018 14:42	4.6	54.4	1.2	39.8	100.1	100.4	2.3	3.0	-2.5	-2.5	-17.9
GIW-04	7/31/2018 13:52	2.5	58.6	0.1	38.8	71.1	71.2	3.1	2.1	-2.8	-2.8	-17.3
GIW-05	7/5/2018 8:45	1.5	31.6	9.2	57.7	96.0	96.2	7.0	7.5	-0.4	-0.3	-16.5
GIW-05	7/5/2018 8:52	1.2	17.9	13.8	67.1	98.1	98.2	6.4	6.4	-0.3	-0.3	-17.1
GIW-05	7/10/2018 10:32	2.0	56.3	1.0	40.7	100.4	100.6	6.9	5.7	-0.01	-0.01	-14.0
GIW-05	7/10/2018 10:34	1.3	51.6	3.9	43.2	104.0	104.0	4.2	4.2	-0.4	-0.4	-14.2
GIW-05	7/20/2018 9:30	1.5	48.4	2.1	48.0	88.9	89.1	7.3	7.4	-0.4	-0.3	-15.7
GIW-05	7/25/2018 14:52	2.0	47.8	1.4	48.8	95.0	95.0	8.3	8.3	-0.6	-0.6	-17.9
GIW-05	7/31/2018 13:57	1.5	49.7	2.4	46.4	70.0	70.0	8.0	8.0	-0.6	-0.6	-17.0
GIW-06	7/3/2018 8:19	28.8	41.4	0.3	29.5	91.5	91.5	2.2	3.0	-12.7	-12.7	-16.6
GIW-06	7/3/2018 8:26	28.6	42.6	0.1	28.7	92.5	92.5	4.0	2.2	-12.7	-12.7	-17.3
GIW-06	7/10/2018 10:37	25.9	47.9	0.3	25.9	107.8	108.0	1.8	2.8	-11.6	-11.3	-13.9
GIW-06	7/20/2018 10:11	25.3	44.4	0.3	30.0	98.9	99.1	2.4	2.2	-14.1	-13.8	-16.7
GIW-06	7/26/2018 7:36	23.2	47.2	0.4	29.2	83.7	83.9	2.8	2.8	-11.0	-11.0	-14.3
GIW-06	7/31/2018 13:42	26.7	40.3	0.1	32.9	69.3	69.3	5.0	4.1	-10.1	-10.0	-16.7
GIW-07	7/3/2018 8:30	37.3	51.1	0.1	11.5	91.2	91.3	3.0	3.0	-3.6	-3.6	-17.0
GIW-07	7/3/2018 8:37	37.2	49.4	0.1	13.3	93.4	93.4	3.6	2.8	-3.6	-3.6	-15.9
GIW-07	7/10/2018 10:39	36.1	55.3	0.0	8.6	109.0	109.0	1.3	1.3	-3.1	-3.1	-14.6
GIW-07	7/20/2018 10:14	37.3	54.7	0.1	7.9	100.7	100.8	2.7	2.7	-3.5	-3.5	-16.6
GIW-07	7/26/2018 7:39	36.6	54.2	0.2	9.0	81.9	81.9	3.3	3.8	-3.1	-3.1	-14.6

July 2018 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub>	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H <sub>2</sub> O		
GIW-07	7/31/2018 13:44	37.6	50.4	0.1	11.9	69.1	69.1	4.8	4.8	-3.1	-3.1	-17.1
GIW-08	7/3/2018 8:40	43.6	47.9	0.0	8.5	95.1	95.3	2.5	2.8	-2.2	-2.3	-16.2
GIW-08	7/3/2018 8:47	43.6	46.6	0.0	9.8	96.7	96.7	4.4	2.8	-2.2	-2.2	-17.7
GIW-08	7/10/2018 10:42	41.7	54.4	0.0	3.9	113.7	113.7	1.7	1.8	-1.9	-1.8	-14.9
GIW-08	7/20/2018 10:17	43.6	52.3	0.0	4.1	103.1	103.1	3.2	3.0	-2.2	-2.2	-18.4
GIW-08	7/26/2018 7:41	41.9	53.2	0.0	4.9	80.7	80.7	1.2	3.1	-2.1	-2.1	-13.7
GIW-08	7/31/2018 13:47	43.1	48.1	0.0	8.8	69.5	69.5	3.8	3.4	-2.4	-2.4	-16.6
GIW-09	7/3/2018 9:52	10.6	26.2	2.9	60.3	101.6	101.6	1.6	1.6	-1.0	-1.0	-16.6
GIW-09	7/3/2018 9:58	9.9	26.1	2.9	61.1	105.0	105.0	2.7	1.9	-1.0	-1.0	-16.6
GIW-09	7/10/2018 10:48	9.8	37.0	0.0	53.2	107.2	107.5	1.8	1.8	-0.9	-0.9	-14.5
GIW-09	7/20/2018 10:22	9.6	33.6	1.4	55.4	101.4	101.6	1.6	2.8	-1.0	-1.0	-16.9
GIW-09	7/26/2018 7:46	9.2	32.9	4.0	53.9	84.5	84.7	2.3	2.8	-1.0	-1.0	-13.8
GIW-09	7/31/2018 13:51	10.3	32.3	1.6	55.8	71.7	71.8	1.7	0.0	-1.1	-1.1	-16.5
GIW-10	7/5/2018 8:34	11.9	35.7	0.1	52.3	93.4	93.4	0.8	0.8	-3.7	-3.7	-16.3
GIW-10	7/5/2018 8:41	12.8	35.7	0.0	51.5	93.9	93.9	2.1	1.4	-3.7	-3.7	-16.5
GIW-10	7/10/2018 10:29	10.4	42.9	0.0	46.7	102.3	102.5	2.4	1.8	-3.0	-3.0	-13.3
GIW-10	7/20/2018 9:13	13.1	42.4	0.0	44.5	89.6	89.6	1.6	2.0	-3.3	-3.3	-16.0
GIW-10	7/25/2018 14:30	13.8	42.3	0.0	43.9	103.0	103.0	3.2	3.0	-3.5	-3.5	-19.3
GIW-10	7/31/2018 11:21	12.3	40.5	0.0	47.2	82.3	82.3	2.8	2.3	-3.7	-3.7	-16.6
GIW-11	7/3/2018 10:40	23.1	40.2	0.1	36.6	105.7	105.7	2.7	1.6	-2.1	-2.2	-17.7
GIW-11	7/3/2018 10:46	22.5	39.7	0.1	37.7	103.3	103.0	3.4	5.0	-2.1	-2.0	-15.1
GIW-11	7/10/2018 10:13	22.4	45.6	0.0	32.0	103.8	103.8	5.7	6.9	-2.0	-2.0	-17.2
GIW-11	7/20/2018 9:10	22.6	46.1	0.0	31.3	91.4	91.5	2.6	8.5	-2.1	-2.2	-19.3
GIW-11	7/25/2018 14:28	23.1	46.5	0.0	30.4	99.9	99.9	4.1	4.6	-2.2	-2.2	-20.1
GIW-11	7/31/2018 11:17	23.9	45.1	0.1	30.9	81.0	81.0	2.0	5.2	-2.2	-2.2	-15.5
GIW-12	7/3/2018 13:24	10.4	51.3	0.4	37.9	106.7	106.7	4.0	4.0	-0.1	-0.1	-16.0
GIW-12	7/3/2018 13:30	11.8	52.3	0.3	35.6	107.0	107.0	4.0	3.9	-0.1	-0.1	-16.8
GIW-12	7/10/2018 10:08	11.5	54.6	0.1	33.8	103.3	103.5	2.6	2.4	-0.1	-0.1	-16.3
GIW-12	7/20/2018 9:05	11.7	53.9	0.2	34.2	89.3	89.6	2.0	1.6	-0.1	-0.1	-17.1
GIW-12	7/25/2018 14:22	11.6	55.9	0.1	32.4	104.5	104.5	3.0	3.2	-0.1	-0.1	-17.9
GIW-12	7/31/2018 11:13	11.8	51.3	0.9	36.0	80.8	81.0	3.5	3.5	-0.1	-0.1	-17.6
GIW-13	7/3/2018 13:34	29.2	54.4	0.0	16.4	108.3	108.3	3.0	4.0	-1.1	-1.1	-12.6
GIW-13	7/3/2018 13:40	31.5	50.4	0.0	18.1	107.2	107.1	3.7	2.7	-1.1	-1.1	-12.1
GIW-13	7/10/2018 10:06	28.8	57.5	0.0	13.7	105.2	105.3	2.8	2.1	-1.1	-1.1	-11.0
GIW-13	7/20/2018 9:03	29.2	57.0	0.0	13.8	90.5	90.6	3.2	3.4	-1.1	-1.1	-11.0
GIW-13	7/25/2018 14:19	32.8	53.6	0.0	13.6	99.9	100.0	2.8	3.2	-1.4	-1.4	-13.5
GIW-13	7/31/2018 11:10	34.4	52.1	0.0	13.5	81.0	81.2	4.7	4.4	-1.4	-1.4	-11.5
LCS-1D	7/23/2018 7:28	28.5	21.9	11.1	38.5	79.6	79.6	3.7	2.5	-19.8	-19.7	-19.3
LCS-1D	7/23/2018 7:29	28.5	20.4	11.3	39.8	80.0	80.1	3.0	2.8	-17.7	-17.7	-19.6
LCS-2D	7/23/2018 7:20	56.8	43.2	0.0	0.0	71.6	71.6	3.6	3.0	-19.5	-19.4	-19.6
LCS-3D	7/23/2018 7:11	1.8	39.7	9.2	49.3	72.0	72.0	8.2	8.1	-0.8	-0.8	-19.5
LCS-3D	7/23/2018 7:13	1.6	41.1	9.3	48.0	72.3	72.3	11.2	10.3	-0.9	-0.9	-19.6
LCS-5A	7/3/2018 9:41	53.7	42.6	0.3	3.4	106.2	106.6	4.5	2.6	-12.1	-12.0	-12.7

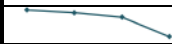
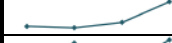
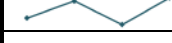
July 2018 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub>	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H <sub>2</sub> O		
LCS-5A	7/9/2018 10:07	54.9	39.9	0.4	4.8	104.5	104.8	10.1	5.9	-11.7	-11.7	-12.9
LCS-5A	7/18/2018 9:51	54.4	41.8	0.4	3.4	96.5	96.7	7.6	9.3	-11.5	-11.6	-12.4
LCS-5A	7/23/2018 9:11	56.5	39.7	0.3	3.5	92.9	93.1	15.4	14.0	-11.7	-11.4	-12.4
LCS-5A	7/30/2018 8:58	54.8	41.8	0.2	3.2	83.3	83.3	26.5	19.8	-11.3	-11.3	-12.8
LCS-5B	7/3/2018 10:08	51.9	43.7	0.0	4.4	150.5	150.5	21.0	23.4	-3.6	-3.6	-13.0
LCS-5B	7/3/2018 10:10	52.3	43.8	0.0	3.9	150.6	150.7	22.5	24.0	-3.8	-3.8	-13.1
LCS-5B	7/9/2018 10:19	52.9	43.0	0.0	4.1	149.3	149.2	19.9	20.4	-2.7	-2.6	-12.9
LCS-5B	7/9/2018 10:21	53.2	42.7	0.0	4.1	149.4	149.6	22.6	24.3	-2.9	-2.9	-12.8
LCS-5B	7/19/2018 13:55	53.3	41.0	0.2	5.5	147.6	147.8	20.4	21.8	-2.3	-2.3	-13.2
LCS-5B	7/19/2018 13:57	53.5	40.8	0.0	5.7	148.1	148.1	22.6	22.3	-0.8	-0.8	-13.4
LCS-5B	7/23/2018 9:25	53.8	42.7	0.0	3.5	148.1	147.9	21.5	21.8	-2.8	-2.8	-12.9
LCS-5B	7/23/2018 9:26	54.0	42.5	0.0	3.5	148.0	147.8	23.9	21.7	-2.9	-2.9	-12.3
LCS-5B	7/30/2018 9:08	53.1	42.7	0.0	4.2	147.1	147.2	23.4	27.3	-2.0	-2.0	-12.2
LCS-5B	7/30/2018 9:09	53.6	42.5	0.0	3.9	147.3	147.1	21.2	21.2	-2.4	-2.4	-12.3
LCS-6B	7/5/2018 10:27	54.2	43.1	0.0	2.7	110.3	110.5	7.5	7.5	-0.2	-0.2	-12.4
LCS-6B	7/10/2018 9:19	54.1	43.1	0.0	2.8	108.5	108.5	7.7	7.2	-0.3	-0.3	-12.3
LCS-6B	7/20/2018 8:06	55.2	44.1	0.0	0.7	97.2	97.2	8.5	9.4	0.1	0.1	-12.4
LCS-6B	7/20/2018 8:07	53.7	44.8	0.1	1.4	101.3	101.6	9.6	9.6	-1.1	-1.1	-12.3
LCS-6B	7/23/2018 10:28	55.1	41.1	0.4	3.4	112.1	112.2	8.7	8.7	-1.3	-1.3	-12.4
LCS-6B	7/31/2018 10:01	54.8	42.0	0.4	2.8	97.3	97.7	13.8	12.7	2.3	2.4	-12.6
LCS-6B	7/31/2018 10:03	53.7	43.1	0.2	3.0	102.6	101.8	8.0	7.0	-2.3	-2.3	-12.9
SEW-002	7/17/2018 14:00	11.0	43.5	5.6	39.9	108.2	108.2	5.3	5.9	-0.1	-0.1	-5.8
SEW-002	7/17/2018 14:02	11.3	42.9	5.6	40.2	108.2	108.1	7.0	7.0	-0.1	-0.1	-5.1
SEW-002	7/31/2018 8:48	7.7	26.8	11.3	54.2	80.7	80.7	2.8	3.9	-0.3	-0.3	-18.9
SEW-002	7/31/2018 8:50	7.0	25.9	11.5	55.6	77.9	77.8	4.8	4.0	-0.1	-0.1	-19.6
SEW-003	7/17/2018 13:54	4.5	52.0	1.7	41.8	126.0	126.1	13.7	13.9	-0.2	-0.2	-20.4
T-56	7/5/2018 13:38	54.7	37.2	0.0	8.1	85.6	85.6	14.1	14.4	-0.02	-0.03	-13.3
T-56	7/10/2018 9:46	56.9	38.3	0.0	4.8	84.9	84.9	12.8	13.4	-0.02	-0.02	-13.4
T-56	7/20/2018 8:32	56.2	38.2	0.0	5.6	84.7	85.1	13.1	13.6	-0.02	-0.02	-13.1
T-56	7/23/2018 10:50	50.1	36.5	0.0	13.4	85.7	85.8	13.0	13.2	-0.04	-0.02	-13.5
T-56	7/31/2018 10:24	53.8	37.7	0.0	8.5	80.7	81.4	12.9	12.5	-0.01	-0.01	-13.3

Wellfield Temperature - Bridgeton Landfill

Well Name					Temp Trend	Comments
	April 2018	May 2018	June 2018	July 2018	><30°F	
GEW-002	116.0	117.2	116.0	118.6		
GEW-003	119.7	118.6	116.8	117.6		
GEW-004	114.8	115.5	117.4	118.4		
GEW-005	80.5	91.0	90.8	97.9		
GEW-006	87.7	89.1	89.0	92.9		
GEW-007	88.5	95.0	96.7	96.1		
GEW-008	112.9	114.4	114.9	114.5		
GEW-009	123.1	123.9	125.0	125.0		
GEW-010	67.7	94.4	105.2	107.7		
GEW-013A	147.3	150.2	159.0	159.2		
GEW-015	155.9	103.6	104.1	97.4		
GEW-016R	179.7	180.3	179.7	178.0		
GEW-018B	163.3	175.3	176.9	174.3		
GEW-022R	77.5	104.5	90.4	106.0		
GEW-038	54.7	93.4	113.0	113.9		
GEW-039	116.1	118.6	120.5	119.3		
GEW-040	75.2	94.3	94.8	101.8		
GEW-041R	96.7	100.8	101.8	106.0		
GEW-042R	100.4	107.0	107.8	109.7		
GEW-043R	117.6	118.1	124.2	125.3		
GEW-044	88.4	97.6	101.4	104.0		
GEW-045R	90.1	95.5	100.1	97.9		
GEW-046R	103.0	101.1	102.2	102.3		
GEW-047R	111.2	113.2	111.5	114.5		
GEW-048	94.1	102.5	102.3	104.6		
GEW-049	105.7	105.3	107.5	109.2		
GEW-050	103.1	106.4	107.0	106.5		
GEW-051	120.9	124.6	123.6	124.6		
GEW-052	111.6	113.5	114.0	113.2		
GEW-053	141.5	142.2	143.4	143.9		
GEW-054	144.5	143.5	144.2	144.5		
GEW-055	133.2	135.0	135.0	135.9		
GEW-056R	85.6	118.4	124.5	123.4		
GEW-057B	94.8	95.4	200.1	185.1		
GEW-057R	88.9	102.3	98.7	100.1		
GEW-058	92.7	94.1	106.9	94.8		
GEW-058A	91.3	89.8	106.5	95.0		
GEW-059R	161.7	164.7	166.1	164.7		
GEW-067A	93.4	112.5	118.6	130.5		

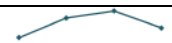
Wellfield Temperature - Bridgeton Landfill

Well Name					Temp Trend	Comments
	April 2018	May 2018	June 2018	July 2018	><30°F	
GEW-068A	182.1	185.3	196.4	199.3		
GEW-077	125.6	137.4	--	--		
GEW-078R	155.6	159.0	159.0	156.5		
GEW-081	74.1	101.9	89.1	109.5		
GEW-082R	176.4	175.8	175.8	195.7		
GEW-086	71.8	98.7	103.0	114.0		
GEW-087	115.9	128.0	139.3	135.7		
GEW-088	197.9	197.2	196.4	192.9		
GEW-090	157.7	162.8	167.1	167.6		
GEW-091	182.6	195.0	195.0	192.8		
GEW-100	86.3	104.3	103.3	104.1		
GEW-101	85.6	105.7	108.5	111.0		
GEW-102	60.1	106.0	103.3	87.7		
GEW-104	205.4	200.8	193.5	162.4		
GEW-105	130.6	153.3	156.5	145.6		
GEW-106	92.9	86.8	109.2	194.0		
GEW-107	148.2	169.5	139.9	173.6		
GEW-108	123.1	136.5	148.0	143.9		
GEW-109	109.7	130.6	137.1	132.3		
GEW-110	77.0	103.7	115.8	118.1		
GEW-113	151.3	151.7	152.1	150.4		
GEW-116	193.6	194.3	193.7	191.4		
GEW-117	120.2	118.6	124.5	118.3		
GEW-118	197.2	197.9	192.3	197.2		
GEW-120	159.4	159.3	157.7	159.4		
GEW-121	174.2	174.2	173.1	174.8		
GEW-122	156.0	156.5	154.0	151.3		
GEW-123	156.0	156.1	154.4	130.3		
GEW-124	54.6	105.3	88.4	99.4		
GEW-125	163.8	176.4	179.2	179.9		
GEW-126	96.0	121.5	114.0	121.2		
GEW-127	186.4	184.4	179.2	177.7		
GEW-128	145.9	177.5	185.0	180.9		
GEW-129	167.1	197.9	185.5	194.0		
GEW-130	187.0	185.1	185.1	186.4		
GEW-131	158.5	157.3	131.2	156.7		
GEW-132	179.7	179.7	165.2	174.7		
GEW-133	167.1	172.1	168.8	167.1		
GEW-134	139.9	159.4	165.2	161.6		

Wellfield Temperature - Bridgeton Landfill

Well Name					Temp Trend	Comments
	April 2018	May 2018	June 2018	July 2018	><30°F	
GEW-135	147.0	151.7	153.7	152.5		
GEW-136	126.9	141.5	128.6	132.9		
GEW-137	97.2	90.3	108.5	114.3		
GEW-138	134.1	127.0	134.7	136.6		
GEW-139	188.9	185.7	187.0	185.1		
GEW-140	190.2	166.1	189.3	188.9		
GEW-141	81.2	108.7	109.0	102.9		
GEW-142	83.7	98.4	105.7	97.9		
GEW-143	87.4	101.1	108.5	107.0		
GEW-144	79.3	101.1	97.7	93.3		
GEW-145	115.3	123.7	123.4	118.6		
GEW-146	87.0	102.1	112.0	105.8		
GEW-147	180.7	181.5	154.8	181.5		
GEW-148	174.7	117.8	178.6	139.9		
GEW-149	126.9	138.9	141.9	119.7		
GEW-150	193.6	197.2	190.2	187.0		
GEW-151	172.6	135.0	100.8	183.1		
GEW-152	115.5	119.6	119.9	119.2		
GEW-153	83.3	92.7	108.5	106.0		
GEW-154	75.7	112.4	115.3	110.7		
GEW-155	121.5	128.3	129.4	120.2		
GEW-156	102.5	109.8	113.6	122.6		
GEW-157	124.2	142.6	135.5	124.2		
GEW-158	130.6	160.2	167.4	161.1		
GEW-159	77.9	87.0	98.2	89.8		
GEW-160	75.5	104.8	101.8	111.7		
GEW-161	89.8	145.9	98.7	156.5		
GEW-162	99.9	130.7	112.5	133.5		
GEW-163	182.1	177.9	170.5	166.7		
GEW-164	159.9	159.8	157.6	156.5		
GEW-165	180.3	181.0	179.8	178.0		
GEW-166	195.7	195.7	195.7	195.1		
GEW-167	193.3	191.7	191.5	190.2		
GEW-168	169.0	172.1	168.6	163.0		
GEW-169	185.7	187.6	187.6	187.0		
GEW-170	182.7	183.3	179.7	179.2		
GEW-171	75.0	116.8	162.9	100.9		
GEW-172	90.9	175.8	175.2	183.3		
GEW-173	102.3	116.3	120.7	128.9		

Wellfield Temperature - Bridgeton Landfill

Well Name					Temp Trend	Comments
	April 2018	May 2018	June 2018	July 2018	><30°F	
GEW-174	149.9	153.7	150.6	152.3		
GEW-175	174.7	175.8	157.7	176.1		
GEW-176	76.1	97.7	110.9	118.4		
GEW-177	192.3	196.4	195.0	190.9		
GEW-178	87.2	109.7	119.2	121.0		
GEW-179	125.3	139.3	140.8	140.0		
GEW-180	129.4	151.7	152.5	149.1		
GEW-181	159.4	159.4	158.5	160.2		
GEW-182	142.5	149.9	154.8	152.9		
GEW-184	83.8	117.4	122.9	128.7		
GEW-185	167.1	169.8	172.1	174.7		
GEW-186	139.3	150.5	145.8	146.3		
GEW-187	153.3	158.5	156.5	156.9		
GEW-188	94.1	128.3	130.2	135.0		
GEW-1A	85.1	95.4	97.2	111.0		
GEW-2S	82.3	83.9	87.9	96.0		
GIW-01	169.0	173.1	174.2	173.1		
GIW-02	56.7	99.4	109.5	111.2		
GIW-03	56.2	94.6	104.6	106.2		
GIW-04	55.7	98.4	102.1	110.8		
GIW-05	50.7	87.7	101.3	104.0		
GIW-06	53.2	92.4	106.0	107.8		
GIW-07	52.1	91.9	103.3	109.0		
GIW-08	58.0	94.5	115.5	113.7		
GIW-09	57.5	95.5	108.5	107.2		
GIW-10	53.1	96.5	103.0	103.0		
GIW-11	72.7	99.4	106.1	105.7		
GIW-12	68.6	96.7	105.9	107.0		
GIW-13	70.0	91.5	102.4	108.3		
LCS-1D	46.6	114.3	139.4	80.0		
LCS-2D	72.9	84.6	88.8	71.6		
LCS-3D	71.2	96.8	89.5	72.3		
LCS-4B	--	--	--	--		
LCS-5A	91.5	102.8	103.3	106.2		
LCS-5B	142.5	149.5	148.8	150.6		
LCS-6B	103.0	111.2	107.8	112.1		
SEW-002	68.8	92.2	109.2	108.2		
SEW-003	90.5	115.5	123.1	126.0		
T-56	56.2	71.4	79.3	85.7		

-- = Indicates no data available.

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub> /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
							(ppm)	
North Quarry								
GEW-002	3/8/2018	52	36	ND	11	ND	ND	
GEW-002	4/6/2018	57	40	ND	ND	ND	ND	
GEW-002	5/21/2018	53	37	2.3	7.9	0.058	ND	See Note 8
GEW-002	5/31/2018	55	41	ND	ND	ND	ND	
GEW-002	6/4/2018	56	40	ND	3.4	ND	ND	
GEW-002	7/5/2018	56	42	ND	ND	ND	ND	
GEW-02S	3/8/2018	46	26	6.0	21	ND	ND	See Note 8
GEW-02S	3/30/2018	59	32	2.0	7.3	ND	ND	
GEW-02S	5/7/2018	59	35	ND	4.5	ND	ND	
GEW-02S	7/5/2018	57	34	2.1	7.4	ND	ND	See Note 4
GEW-003	3/8/2018	47	35	ND	18	0.074	ND	
GEW-003	4/6/2018	51	37	ND	12	0.060	ND	
GEW-003	5/7/2018	53	36	ND	9.8	0.072	ND	
GEW-003	6/4/2018	51	37	ND	11	0.075	ND	
GEW-003	7/5/2018	54	40	ND	4.9	0.052	ND	
GEW-004	3/8/2018	51	36	ND	12	0.070	ND	
GEW-004	4/6/2018	53	37	ND	9.6	0.068	ND	
GEW-004	5/7/2018	54	37	ND	7.7	0.067	ND	
GEW-004	6/4/2018	55	39	ND	5.9	0.053	ND	
GEW-004	7/5/2018	56	39	ND	4.7	0.077	ND	
GEW-005	3/8/2018	43	31	ND	25	ND	ND	
GEW-005	4/6/2018	49	34	ND	16	ND	ND	
GEW-005	5/7/2018	54	34	ND	11	ND	ND	
GEW-005	6/5/2018	51	33	ND	14	ND	ND	
GEW-005	7/5/2018	52	32	2.2	14	ND	ND	See Note 3
GEW-006	3/8/2018	54	34	ND	12	ND	ND	
GEW-006	5/8/2018	56	35	ND	7.8	ND	ND	
GEW-006	7/5/2018	58	37	ND	4.9	ND	ND	
GEW-007	3/5/2018	59	38	ND	ND	ND	ND	
GEW-007	5/7/2018	59	39	ND	ND	ND	ND	
GEW-007	7/3/2018	58	39	ND	ND	ND	ND	
GEW-008	3/5/2018	54	41	ND	ND	1.7	ND	
GEW-008	4/2/2018	51	39	1.8	6.2	1.6	ND	See Note 8
GEW-008	4/26/2018	55	41	ND	ND	1.6	ND	
GEW-008	5/7/2018	54	42	ND	ND	1.5	ND	
GEW-008	6/4/2018	53	42	ND	3.3	1.3	ND	
GEW-008	7/3/2018	52	44	ND	ND	1.4	ND	
GEW-009	3/5/2018	55	40	ND	3.3	1.0	ND	
GEW-009	4/2/2018	54	40	ND	4.3	0.98	ND	
GEW-009	5/7/2018	48	37	ND	14	0.45	ND	
GEW-009	6/4/2018	46	35	2.8	15	0.52	ND	See Note 3
GEW-009	7/3/2018	53	40	ND	4.9	0.67	ND	
GEW-040	3/6/2018	50	32	3.4	15	ND	ND	See Note 8
GEW-040	3/30/2018	51	32	2.2	14	ND	ND	See Note 4
GEW-040	4/2/2018	55	35	ND	8.8	ND	ND	
GEW-040	5/7/2018	55	34	1.6	9.3	ND	ND	See Note 8
GEW-040	5/29/2018	58	36	ND	5.0	ND	ND	
GEW-040	6/4/2018	58	36	ND	5.3	ND	ND	
GEW-040	7/3/2018	57	35	ND	6.0	ND	ND	
GEW-041R	3/6/2018	54	34	ND	12	ND	ND	
GEW-041R	5/7/2018	58	35	ND	6.0	ND	ND	
GEW-041R	7/3/2018	59	36	ND	3.6	ND	ND	
GEW-042R	3/8/2018	52	35	3.0	10	ND	ND	See Note 8
GEW-042R	3/30/2018	58	38	ND	3.2	ND	ND	
GEW-042R	4/6/2018	55	37	1.7	5.7	ND	ND	See Note 8
GEW-042R	4/26/2018	57	38	ND	ND	ND	ND	



Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub> /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
							(%)	
GEW-042R	5/7/2018	57	39	ND	ND	ND	ND	
GEW-042R	6/4/2018	57	39	ND	3.6	ND	ND	
GEW-042R	7/3/2018	55	38	ND	5.6	ND	ND	
GEW-043R	3/8/2018	56	39	ND	4.5	0.24	ND	
GEW-043R	5/7/2018	52	37	2.3	8.5	0.23	ND	See Note 8
GEW-043R	5/29/2018	55	41	ND	ND	0.22	ND	
GEW-043R	7/5/2018	56	41	ND	ND	0.19	ND	
GEW-044	3/8/2018	41	26	5.1	28	ND	ND	See Note 8
GEW-044	3/30/2018	54	34	ND	12	ND	ND	
GEW-044	5/7/2018	55	37	ND	7.5	ND	ND	
GEW-044	7/5/2018	56	35	ND	6.8	ND	ND	
GEW-045R	3/8/2018	58	38	ND	ND	ND	ND	
GEW-045R	4/6/2018	57	39	ND	ND	ND	ND	
GEW-045R	5/7/2018	58	40	ND	ND	ND	ND	
GEW-045R	6/4/2018	54	38	1.9	6.5	ND	ND	
GEW-045R	7/5/2018	56	39	ND	3.9	ND	ND	
GEW-046R	3/8/2018	47	33	2.1	18	0.084	ND	See Note 8
GEW-046R	3/30/2018	53	35	ND	11	0.036	ND	
GEW-046R	4/6/2018	53	35	ND	11	0.051	ND	
GEW-046R	5/7/2018	53	35	ND	11	ND	ND	
GEW-046R	6/4/2018	49	35	ND	16	0.034	ND	
GEW-046R	7/5/2018	56	37	ND	6.1	ND	ND	
GEW-047R	3/8/2018	45	33	ND	22	0.035	ND	
GEW-047R	4/6/2018	49	35	ND	15	0.061	ND	
GEW-047R	5/7/2018	55	37	ND	7.2	0.068	ND	
GEW-047R	6/5/2018	48	36	ND	15	0.044	ND	
GEW-047R	7/5/2018	55	39	ND	4.8	0.058	ND	
GEW-048	3/8/2018	54	36	ND	9.2	ND	ND	
GEW-048	4/6/2018	53	35	2.7	9.3	ND	ND	See Note 8
GEW-048	4/25/2018	58	38	ND	ND	ND	ND	
GEW-048	5/7/2018	58	40	ND	ND	ND	ND	
GEW-048	6/5/2018	56	37	ND	5.7	ND	ND	
GEW-048	7/5/2018	57	38	ND	3.9	ND	ND	
GEW-049	3/8/2018	50	35	ND	14	0.055	ND	
GEW-049	4/6/2018	47	33	1.7	19	ND	ND	See Note 8
GEW-049	4/25/2018	58	38	ND	ND	ND	ND	
GEW-049	5/8/2018	53	36	ND	10	ND	ND	
GEW-049	6/5/2018	52	35	ND	11	ND	ND	
GEW-049	7/5/2018	56	37	ND	5.7	ND	ND	
GEW-050	3/5/2018	55	35	ND	9.1	0.059	ND	
GEW-050	5/7/2018	55	35	ND	8.5	ND	ND	
GEW-050	7/3/2018	59	38	ND	ND	0.043	ND	
GEW-051	3/5/2018	55	38	ND	4.5	1.1	ND	
GEW-051	5/7/2018	56	39	ND	ND	0.92	ND	
GEW-051	7/3/2018	56	40	ND	ND	0.99	ND	
GEW-052	3/5/2018	55	37	1.6	6.4	0.032	ND	
GEW-052	5/7/2018	42	30	2.3	26	ND	ND	See Note 8
GEW-052	5/29/2018	49	33	2.4	16	ND	ND	
GEW-052	7/3/2018	55	36	ND	8.0	ND	ND	
GEW-053	3/5/2018	49	38	ND	6.1	5.4	55	
GEW-053	4/5/2018	51	39	ND	4.7	4.9	60	
GEW-053	5/7/2018	52	41	ND	ND	3.0	65	
GEW-053	6/4/2018	51	40	ND	ND	4.6	67	
GEW-053	7/3/2018	51	41	ND	ND	4.5	60	
GEW-054	3/5/2018	52	38	ND	5.8	2.4	ND	

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub> /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
							(ppm)	
(%)								
GEW-054	4/5/2018	49	37	2.7	9.6	2.2	ND	See Note 8
GEW-054	4/25/2018	54	40	ND	ND	2.3	ND	
GEW-054	5/7/2018	54	41	ND	ND	2.3	ND	
GEW-054	6/4/2018	54	41	ND	ND	1.9	ND	
GEW-054	7/3/2018	50	39	1.9	6.5	2.0	ND	
GEW-055	3/6/2018	48	37	ND	12	2.0	ND	
GEW-055	4/2/2018	51	39	ND	7.4	2.2	ND	
GEW-055	5/7/2018	52	39	ND	5.8	1.9	ND	
GEW-055	6/4/2018	52	39	ND	5.9	1.8	ND	
GEW-055	7/3/2018	52	41	ND	ND	2.5	ND	
Flare Station <sup>2</sup>	3/7/2018	35.3	26.5	6.1	31.1	ND	ND	See Note 5
Flare Station <sup>2</sup>	4/5/2018	45.2	35.1	2.1	17.2	0.6	ND	See Note 5
Flare Station <sup>2</sup>	5/1/2018	51.4	34.5	ND	12.0	0.5	ND	See Note 5
Flare Station <sup>2</sup>	6/1/2018	47.8	35.8	2.5	13.3	0.6	ND	See Note 5
Flare Station <sup>2</sup>	7/2/2018	47.8	35.4	3.2	13.0	0.6	ND	See Note 5

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

ND = Analyte not detected in sample.  
<sup>2</sup> = Flare Station measured at EPA Method 2 flow port (blower outlet)

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub> /Argon	Nitrogen	Hydrogen	Carbon Monoxide (ppm)	Comments
South Quarry								
GEW-010	3/6/2018	55	41	ND	ND	0.22	ND	
GEW-010	4/3/2018	56	42	ND	ND	ND	ND	
GEW-010	5/2/2018	51	40	2.3	7.2	ND	ND	
GEW-010	6/5/2018	55	41	ND	3.3	ND	ND	
GEW-010	7/2/2018	54	41	ND	3.5	0.46	ND	
GEW-013A	3/12/2018	9.5	32	9.1	41	8.5	350	See Note 4
GEW-013A	5/8/2018	7.0	35	5.0	44	8.0	330	
GEW-013A	7/5/2018	10	40	5.2	33	11	450	See Note 3
GEW-015	3/12/2018	14	44	ND	12	29	1,100	
GEW-015	5/10/2018	0.41	46	ND	ND	49	2,400	
GEW-015	7/11/2018	0.43	46	ND	ND	50	2,400	
GEW-016R	3/12/2018	5.5	38	2.8	26	27	1,100	
GEW-016R	5/10/2018	5.3	42	ND	25	26	1,100	
GEW-016R	7/11/2018	6.3	43	ND	24	25	1,000	
GEW-018B	3/15/2018	0.66	34	6.0	23	36	1,300	See Note 3
GEW-018B	5/11/2018	0.53	37	5.0	21	36	1,400	
GEW-018B	7/17/2018	0.63	40	4.1	17	37	1,400	
GEW-022R	3/16/2018	0.42	34	10	36	19	1,400	See Note 4
GEW-022R	5/11/2018	1.1	29	12	41	16	1,100	See Note 4
GEW-038	3/6/2018	1.7	38	6.3	22	32	1,300	See Note 4
GEW-038	4/4/2018	2.1	18	14	51	15	620	See Note 4
GEW-038	5/3/2018	5.0	23	12	43	17	710	See Note 4
GEW-038	6/5/2018	8.5	26	11	39	15	610	
GEW-038	7/3/2018	8.4	35	7.5	26	22	910	See Note 4
GEW-039	3/6/2018	33	35	2.3	30	0.052	ND	
GEW-039	4/4/2018	24	31	4.2	41	0.038	30	
GEW-039	5/3/2018	29	38	2.3	31	ND	ND	
GEW-039	6/5/2018	30	36	ND	32	ND	ND	
GEW-039	7/3/2018	33	38	ND	28	ND	ND	
GEW-056R	3/6/2018	28	44	ND	7.9	19	530	
GEW-056R	4/3/2018	27	47	ND	ND	23	670	
GEW-056R	5/2/2018	28	40	2.4	12	17	480	
GEW-056R	6/5/2018	32	43	ND	7.9	16	470	
GEW-056R	7/3/2018	37	45	ND	ND	16	340	
GEW-057R	3/14/2018	4.7	33	8.7	30	23	510	See Note 4
GEW-057R	5/10/2018	12	28	12	44	3.2	130	See Note 4
GEW-057B	3/14/2018	2.3	17	14	51	16	370	See Note 3
GEW-057B	5/10/2018	0.50	11	17	60	11	270	See Note 3
GEW-057B	7/11/2018	1.0	52	ND	ND	43	1,400	
GEW-058	3/9/2018	4.7	23	6.0	53	13	500	See Note 4
GEW-058	5/10/2018	6.8	29	2.8	47	13	580	
GEW-058	7/11/2018	20	39	ND	26	12	530	
GEW-058A	3/9/2018	1.2	34	5.0	23	36	1,300	
GEW-058A	5/10/2018	0.62	39	4.3	17	38	1,300	
GEW-058A	7/11/2018	3.9	36	4.5	25	30	1,000	
GEW-059R	3/9/2018	18	37	ND	13	31	960	
GEW-059R	5/4/2018	15	36	2.6	18	28	930	
GEW-059R	7/11/2018	20	40	ND	6.7	31	890	
GEW-067A	3/15/2018	2.8	31	6.1	35	24	350	See Note 3
GEW-067A	5/10/2018	2.4	21	8.6	58	9.4	140	See Note 3
GEW-067A	7/5/2018	6.4	32	2.5	52	6.4	95	
GEW-068A	3/14/2018	13	46	2.5	11	27	1,600	
GEW-068A	5/10/2018	12	52	ND	4.6	29	1,900	
GEW-068A	7/12/2018	8.1	54	ND	ND	33	2,100	
GEW-077	3/15/2018	0.44	45	3.7	13	37	2,000	
GEW-077	5/11/2018	0.36	30	10	35	23	1,200	See Note 3

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub> /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
							(%)	
GEW-078R	3/14/2018	13	41	1.8	24	19	670	
GEW-078R	5/11/2018	3.6	30	ND	50	15	550	
GEW-078R	7/12/2018	4.2	31	ND	48	15	490	
GEW-081	3/15/2018	0.35	24	12	40	22	690	See Note 4
GEW-081	5/14/2018	0.45	25	11	40	22	750	See Note 3
GEW-081	7/12/2018	0.29	22	12	44	20	610	See Note 4
GEW-082R	3/14/2018	8.0	32	1.7	35	23	770	
GEW-082R	5/11/2018	6.7	33	ND	37	21	740	
GEW-082R	7/12/2018	0.81	47	ND	3.8	46	1,500	
GEW-086	3/12/2018	13	32	6.1	38	12	250	See Note 4
GEW-086	5/10/2018	10	34	2.3	48	5.3	130	
GEW-086	7/5/2018	19	41	1.9	31	7.0	130	
GEW-087	3/12/2018	5.5	13	15	64	2.0	120	See Note 3
GEW-087	5/10/2018	5.7	17	12	63	2.5	130	See Note 4
GEW-087	7/11/2018	4.0	24	4.6	61	5.6	180	
GEW-088	3/15/2018	1.4	41	ND	ND	54	980	
GEW-088	5/14/2018	4.1	42	ND	13	38	840	
GEW-088	7/17/2018	10.0	43	1.7	19	24	610	
GEW-090	3/8/2018	19	41	ND	8.5	30	860	
GEW-090	5/10/2018	14	33	5.7	24	22	640	See Note 3
GEW-090	7/5/2018	19	43	ND	9.3	27	690	
GEW-091	3/8/2018	1.1	12	17	60	9.9	150	See Note 3
GEW-091	5/10/2018	0.97	14	14	59	10	150	See Note 4
GEW-091	7/5/2018	2.0	35	5.5	27	28	350	See Note 4
GEW-100	3/14/2018	1.3	56	2.5	8.6	30	950	
GEW-100	5/10/2018	1.0	43	6.8	24	23	640	See Note 3
GEW-100	7/12/2018	0.89	40	7.7	27	22	560	See Note 3
GEW-101	3/14/2018	17	61	2.7	10	8.8	410	
GEW-101	5/10/2018	22	50	4.6	20	2.8	310	
GEW-101	7/12/2018	17	43	7.6	29	2.9	300	See Note 4
GEW-102	3/14/2018	13	45	2.2	7.5	31	420	
GEW-102	5/10/2018	9.8	35	6.7	23	24	370	See Note 3
GEW-102	7/12/2018	13	50	ND	ND	33	460	
GEW-104	3/14/2018	1.2	53	ND	ND	42	1,300	
GEW-104	5/15/2018	3.7	56	ND	ND	36	1,200	
GEW-104	7/12/2018	44	41	ND	ND	11	200	
GEW-105	3/23/2018	10	37	7.1	30	16	720	See Note 4
GEW-105	5/10/2018	16	36	6.3	28	14	600	See Note 3
GEW-105	7/11/2018	14	39	5.5	23	17	740	See Note 3
GEW-106	3/13/2018	12	33	7.2	35	12	270	See Note 4
GEW-106	5/10/2018	3.6	45	2.0	13	34	1,200	
GEW-106	7/11/2018	7.0	53	ND	6.0	30	670	
GEW-107	3/9/2018	12	52	2.5	8.6	25	1,300	
GEW-107	5/4/2018	12	56	ND	ND	28	1,600	
GEW-107	7/11/2018	13	55	ND	ND	29	1,300	
GEW-108	3/9/2018	36	47	ND	14	1.3	60	
GEW-108	5/4/2018	35	48	ND	14	0.94	52	
GEW-108	7/11/2018	40	48	ND	10	1.3	47	
GEW-109	3/6/2018	16	42	ND	24	16	570	
GEW-109	4/4/2018	22	38	2.3	27	11	380	
GEW-109	5/3/2018	26	36	ND	27	9.3	340	
GEW-109	6/5/2018	27	38	ND	23	10	340	
GEW-109	7/3/2018	30	39	ND	20	10	280	
GEW-110	3/6/2018	17	46	1.9	8.6	26	800	
GEW-110	4/3/2018	21	37	4.6	19	19	550	
GEW-110	5/2/2018	17	31	8.2	29	15	470	See Note 4
GEW-110	6/5/2018	17	31	7.7	28	16	490	See Note 4

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub> /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
							(%)	
GEW-110	7/2/2018	22	40	3.8	17	18	520	
GEW-113	3/12/2018	8.9	40	4.6	25	21	1,000	
GEW-113	5/10/2018	7.4	46	3.6	19	23	1,200	
GEW-113	7/11/2018	11	51	ND	13	23	1,100	
GEW-116	3/14/2018	5.0	33	8.5	37	15	680	See Note 4
GEW-116	5/11/2018	10	66	ND	ND	19	730	
GEW-116	7/13/2018	13	58	ND	4.9	22	750	
GEW-117	3/15/2018	41	44	2.6	12	0.38	87	
GEW-117	5/11/2018	43	51	ND	4.9	0.087	90	
GEW-117	7/13/2018	45	52	ND	ND	0.080	65	
GEW-118	3/15/2018	1.9	46	3.8	15	32	710	
GEW-118	5/11/2018	1.3	53	ND	3.9	39	1,300	
GEW-118	7/17/2018	1.6	55	ND	3.9	37	980	
GEW-120	3/15/2018	15	49	ND	23	12	500	
GEW-120	5/11/2018	17	52	ND	19	10	450	
GEW-120	7/17/2018	22	61	ND	3.7	12	590	
GEW-121	3/15/2018	6.1	39	3.2	34	17	830	
GEW-121	5/11/2018	9.5	44	2.1	29	15	770	
GEW-121	7/13/2018	6.9	42	2.4	31	17	780	
GEW-122	3/15/2018	11	37	2.4	31	18	1,100	
GEW-122	5/14/2018	10	33	3.1	39	15	1,100	
GEW-122	7/13/2018	12	36	ND	35	15	1,100	
GEW-123	3/15/2018	14	48	ND	24	13	630	
GEW-123	5/11/2018	17	52	ND	18	12	610	
GEW-123	7/13/2018	13	45	ND	29	11	480	
GEW-124	3/15/2018	45	34	4.6	16	0.038	ND	
GEW-124	5/14/2018	41	34	5.5	19	ND	ND	See Note 4
GEW-124	7/13/2018	35	24	8.9	31	ND	ND	See Note 3
GEW-125	3/15/2018	0.78	52	ND	3.5	42	2,000	
GEW-125	5/14/2018	3.4	52	ND	11	32	1,700	
GEW-125	7/13/2018	2.7	52	ND	9.8	33	1,600	
GEW-126	3/15/2018	15	46	ND	28	8.2	570	
GEW-126	5/14/2018	17	53	ND	18	8.8	630	
GEW-126	7/17/2018	19	51	ND	15	13	870	
GEW-127	3/15/2018	3.7	53	4.3	15	23	2,100	
GEW-127	5/14/2018	4.9	62	ND	4.3	27	2,300	
GEW-127	7/17/2018	8.4	57	ND	11	21	1,800	
GEW-128	3/15/2018	14	48	4.7	21	12	1,000	
GEW-128	5/8/2018	12	45	6.3	24	12	1,100	See Note 3
GEW-128	7/13/2018	9.5	54	3.5	15	17	1,700	
GEW-129	3/15/2018	13	59	ND	8.0	18	1,800	
GEW-129	5/11/2018	1.0	64	ND	ND	31	3,600	
GEW-129	7/13/2018	1.1	64	ND	ND	31	3,500	
GEW-130	3/15/2018	3.8	47	3.6	16	28	2,100	
GEW-130	5/14/2018	5.9	53	2.0	9.3	29	2,400	
GEW-130	7/17/2018	7.3	50	2.3	13	26	2,200	
GEW-131	3/15/2018	21	43	ND	19	16	950	
GEW-131	5/14/2018	20	40	ND	25	14	940	
GEW-131	7/17/2018	24	40	ND	22	13	810	
GEW-132	3/15/2018	0.66	37	5.1	26	30	1,700	See Note 4
GEW-132	5/11/2018	1.0	43	3.7	17	34	1,800	
GEW-132	7/12/2018	1.6	49	ND	8.5	40	1,900	
GEW-133	3/14/2018	7.6	47	2.2	19	24	1,000	
GEW-133	5/14/2018	11	49	ND	16	22	1,000	
GEW-133	7/13/2018	11	48	ND	17	21	880	
GEW-134	3/14/2018	12	34	4.7	38	11	430	
GEW-134	5/11/2018	11	42	ND	28	17	710	
GEW-134	7/12/2018	14	43	1.8	23	18	680	

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub> /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
							(%)	
GEW-135	3/12/2018	5.4	38	3.9	30	22	910	
GEW-135	5/11/2018	5.4	39	3.7	30	22	900	
GEW-135	7/12/2018	6.6	41	2.5	28	22	840	
GEW-136	3/14/2018	5.2	30	5.7	36	23	650	See Note 4
GEW-136	5/11/2018	3.4	15	14	57	11	310	See Note 4
GEW-136	7/11/2018	6.1	20	11	48	15	330	See Note 3
GEW-137	3/14/2018	32	32	2.8	34	0.19	32	
GEW-137	5/11/2018	24	29	4.2	43	0.25	39	
GEW-137	7/11/2018	23	31	3.1	42	0.49	43	
GEW-138	3/14/2018	17	38	ND	28	16	910	
GEW-138	5/10/2018	4.4	22	4.7	60	8.1	420	
GEW-138	7/12/2018	4.8	24	5.2	57	8.8	430	See Note 4
GEW-139	3/15/2018	0.56	57	ND	ND	40	3,300	
GEW-139	5/11/2018	6.1	50	ND	12	31	2,100	
GEW-139	7/13/2018	6.4	49	ND	11	31	2,100	
GEW-140	3/15/2018	0.31	62	ND	ND	34	2,500	
GEW-140	5/11/2018	20	49	ND	5.7	24	1,100	
GEW-140	7/13/2018	15	50	ND	7.2	26	1,300	
GEW-141	3/15/2018	0.18	27	12	43	17	1,900	See Note 4
GEW-143	7/12/2018	0.25	19	14	52	14	1,400	See Note 4
GEW-144	1/10/2018	1.5	24	11	37	25	1,200	See Note 4
GEW-144	3/14/2018	9.0	55	ND	3.4	31	1,200	
GEW-144	7/12/2018	30	28	8.6	30	2.5	120	See Note 4
GEW-145	3/14/2018	6.8	48	ND	ND	41	1,600	
GEW-145	5/10/2018	5.6	42	3.6	13	36	1,400	
GEW-145	7/12/2018	5.0	49	ND	ND	42	1,700	
GEW-146	3/12/2018	2.1	5.1	17	75	0.49	ND	See Note 4
GEW-146	5/10/2018	1.9	4.9	18	75	0.40	ND	See Note 4
GEW-146	7/11/2018	2.7	7.2	15	74	0.59	ND	See Note 4
GEW-147	3/12/2018	8.7	33	2.4	40	16	600	
GEW-147	5/11/2018	9.0	40	ND	26	23	810	
GEW-147	7/11/2018	12	42	ND	20	24	750	
GEW-148	3/12/2018	3.9	46	3.1	10	36	1,900	
GEW-148	5/10/2018	0.052	0.84	22	77	0.25	ND	See Note 4
GEW-148	7/11/2018	7.4	43	3.9	16	28	1,400	
GEW-149	3/8/2018	9.8	32	5.2	47	6.3	250	
GEW-149	5/10/2018	9.7	37	ND	43	7.7	290	
GEW-149	7/5/2018	15	41	ND	40	2.7	150	
GEW-150	3/14/2018	9.0	33	8.3	35	14	660	See Note 4
GEW-150	5/15/2018	18	53	ND	7.1	20	940	
GEW-150	7/11/2018	22	47	ND	10.0	18	760	
GEW-151	3/15/2018	4.7	47	ND	ND	43	1,400	
GEW-151	5/14/2018	25	48	ND	4.7	21	570	
GEW-151	7/17/2018	7.6	49	ND	ND	39	1,200	
GEW-152	3/9/2018	27	44	ND	4.8	23	1,100	
GEW-152	5/4/2018	25	40	2.5	12	19	950	
GEW-152	7/11/2018	25	44	ND	5.1	24	1,000	
GEW-153	3/9/2018	43	34	ND	17	4.6	69	
GEW-153	5/4/2018	32	29	1.8	35	1.6	ND	
GEW-153	7/11/2018	46	37	ND	15	1.8	ND	
GEW-154	3/8/2018	0.19	11	16	62	11	580	See Note 3
GEW-154	5/10/2018	0.015	2.4	20	77	0.47	74	See Note 4
GEW-154	7/5/2018	0.81	9.6	13	76	0.34	ND	See Note 4
GEW-155	3/14/2018	4.2	25	ND	63	6.6	200	
GEW-155	5/11/2018	0.41	17	7.6	70	5.0	170	See Note 4
GEW-155	7/12/2018	0.58	19	5.9	70	4.7	130	See Note 4
GEW-156	3/14/2018	34	41	2.3	17	4.5	120	

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub> /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
							(%)	
GEW-156	5/10/2018	39	48	ND	6.5	5.8	160	
GEW-156	7/11/2018	37	48	ND	6.3	7.5	200	
GEW-157	3/14/2018	11	41	4.4	15	28	990	
GEW-157	5/10/2018	15	47	1.9	6.7	29	1,100	
GEW-157	7/11/2018	16	45	2.3	8.0	28	1,100	
GEW-158	3/13/2018	14	47	3.7	14	21	600	
GEW-158	5/10/2018	15	46	2.8	17	18	440	
GEW-158	7/11/2018	17	53	ND	5.8	22	620	
GEW-159	3/9/2018	45	35	2.6	11	6.1	110	
GEW-159	5/4/2018	31	29	1.7	32	5.1	200	
GEW-159	7/11/2018	37	35	2.9	20	4.5	86	
GEW-160	3/8/2018	1.2	2.6	21	74	1.1	76	See Note 3
GEW-160	5/10/2018	6.1	17	12	56	9.2	360	See Note 4
GEW-160	7/5/2018	1.6	51	ND	4.5	40	2,100	
GEW-161	3/8/2018	3.7	48	1.5	8.2	38	1,700	
GEW-161	5/10/2018	3.6	46	1.8	16	31	1,600	
GEW-161	7/5/2018	5.0	47	1.8	13	32	1,400	
GEW-162	3/12/2018	12	57	ND	19	10	510	
GEW-162	5/10/2018	9.4	59	ND	16	14	730	
GEW-162	7/5/2018	7.2	39	8.5	36	8.5	420	See Note 3
GEW-163	3/7/2018	11	40	6.3	29	14	520	See Note 3
GEW-163	5/3/2018	12	48	2.6	23	14	520	
GEW-163	7/9/2018	8.0	32	7.7	43	8.9	270	See Note 3
GEW-164	3/7/2018	23	55	1.8	7.4	12	720	
GEW-164	5/3/2018	24	56	ND	7.6	10	640	
GEW-164	7/9/2018	25	54	ND	10	8.7	490	
GEW-165	3/7/2018	12	62	ND	ND	23	1,000	
GEW-165	5/21/2018	9.5	54	3.3	12	20	930	
GEW-165	7/9/2018	11	54	3.1	12	19	780	
GEW-166	3/7/2018	0.58	51	ND	4.1	42	2,600	
GEW-166	5/3/2018	0.93	54	ND	ND	41	2,600	
GEW-166	7/9/2018	1.3	46	3.3	12	36	2,000	
GEW-167	3/7/2018	0.37	52	ND	ND	45	2,600	
GEW-167	5/3/2018	0.44	30	9.4	34	25	1,500	See Note 3
GEW-167	7/9/2018	0.63	37	6.4	25	31	1,600	See Note 3
GEW-168	3/7/2018	11	53	1.5	8.4	25	1,300	
GEW-168	5/3/2018	10	54	ND	8.4	25	1,400	
GEW-168	7/9/2018	13	50	3.1	15	18	800	
GEW-169	3/7/2018	4.0	53	3.0	12	28	1,800	
GEW-169	5/3/2018	5.5	61	ND	ND	30	1,900	
GEW-169	7/9/2018	5.3	58	ND	5.9	29	1,600	
GEW-170	3/15/2018	7.2	50	4.4	18	20	1,500	
GEW-170	5/14/2018	8.6	60	ND	4.2	25	2,000	
GEW-170	7/13/2018	10.0	57	ND	7.3	23	1,700	
GEW-171	3/15/2018	0.44	25	13	45	16	1,000	See Note 3
GEW-171	5/10/2018	4.7	34	9.9	36	15	1,100	See Note 3
GEW-172	3/15/2018	4.3	56	ND	ND	35	2,700	
GEW-172	5/10/2018	12	55	ND	ND	29	2,200	
GEW-172	7/13/2018	20	51	ND	ND	24	1,600	
GEW-173	3/15/2018	45	46	ND	6.0	1.7	170	
GEW-173	5/11/2018	3.8	13	11	71	0.50	53	See Note 4
GEW-173	7/13/2018	4.2	15	11	68	1.4	150	See Note 4
GEW-174	3/14/2018	20	43	ND	20	15	760	
GEW-174	5/10/2018	21	43	ND	20	14	720	
GEW-174	7/12/2018	23	45	ND	16	14	630	
GEW-175	3/14/2018	11	33	8.3	36	12	520	See Note 4
GEW-175	5/10/2018	14	50	2.4	13	20	710	

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub> /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
							(%)	
GEW-175	7/11/2018	14	53	ND	5.8	24	870	
GEW-176	3/14/2018	15	29	9.7	38	7.6	370	See Note 4
GEW-176	5/10/2018	25	31	7.2	31	4.9	200	See Note 4
GEW-176	7/11/2018	34	46	ND	12	5.9	240	
GEW-177	3/15/2018	0.32	63	ND	ND	31	3,600	
GEW-177	5/8/2018	2.1	62	ND	ND	33	3,600	
GEW-177	7/13/2018	6.6	53	2.8	9.8	27	2,700	
GEW-178	3/6/2018	16	59	1.8	11	11	350	
GEW-178	5/3/2018	16	53	4.0	18	7.8	270	
GEW-178	7/11/2018	26	64	ND	ND	5.8	170	
GEW-179	3/15/2018	19	61	2.7	9.3	6.5	180	
GEW-179	5/3/2018	22	68	ND	3.9	5.2	140	
GEW-179	7/11/2018	16	54	2.6	22	4.7	130	
GEW-180	3/6/2018	18	51	3.1	10	17	310	
GEW-180	5/4/2018	14	64	ND	9.4	11	420	
GEW-180	7/11/2018	14	68	ND	3.9	12	400	
GEW-181	3/7/2018	11	66	ND	ND	19	1,100	
GEW-181	5/4/2018	15	68	ND	ND	13	850	
GEW-181	7/11/2018	16	67	ND	3.8	11	660	
GEW-182	3/7/2018	15	40	6.5	26	12	380	See Note 4
GEW-182	5/4/2018	18	44	4.3	19	13	440	
GEW-182	7/9/2018	24	44	4.0	18	9.3	280	
GEW-184	3/7/2018	13	24	14	49	0.28	39	
GEW-184	5/4/2018	16	33	10	40	1.2	100	See Note 4
GEW-184	7/9/2018	21	49	4.2	20	5.0	200	
GEW-185	3/7/2018	16	62	ND	ND	19	870	
GEW-185	5/4/2018	16	59	ND	5.8	17	770	
GEW-185	7/9/2018	15	58	ND	6.1	18	690	
GEW-186	3/7/2018	18	39	7.4	29	7.2	480	See Note 4
GEW-186	5/4/2018	25	52	2.5	11	8.5	630	
GEW-186	7/11/2018	19	49	4.4	18	9.2	770	
GEW-187	3/6/2018	9.4	55	1.7	5.6	27	1,100	
GEW-187	5/3/2018	16	52	2.7	9.2	18	810	
GEW-187	7/11/2018	14	45	5.6	19	16	630	See Note 3
GEW-188	3/7/2018	1.1	11	16	65	6.9	240	See Note 4
GEW-188	5/10/2018	1.8	12	15	68	3.1	160	See Note 4
GEW-188	7/9/2018	0.45	18	8.9	66	6.9	270	See Note 4
GIW-01	3/5/2018	7.3	60	ND	6.8	25	1,100	
GIW-01	4/3/2018	9.1	55	2.2	10	23	1,000	
GIW-01	5/2/2018	6.3	59	ND	6.9	25	1,100	
GIW-01	6/5/2018	4.8	53	1.7	16	24	1,100	
GIW-01	7/3/2018	7.0	54	2.4	13	22	990	
GIW-02	3/5/2018	7.3	23	9.6	53	6.8	430	See Note 4
GIW-02	4/3/2018	0.98	16	15	60	7.5	480	See Note 4
GIW-02	5/2/2018	0.65	17	15	58	8.5	530	See Note 4
GIW-02	6/5/2018	2.3	16	14	62	4.8	280	See Note 4
GIW-02	7/3/2018	3.6	26	10	52	7.9	510	See Note 4
GIW-03	3/5/2018	9.4	53	ND	13	24	950	
GIW-03	4/3/2018	13	41	3.9	25	16	780	
GIW-03	5/2/2018	9.4	40	3.2	31	15	740	



Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub> /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
							(%)	
GIW-03	6/5/2018	8.6	45	2.6	26	17	810	
GIW-03	7/3/2018	9.9	46	3.4	20	19	780	
GIW-04	3/5/2018	9.6	51	ND	5.8	32	850	
GIW-04	4/3/2018	11	44	4.3	15	25	1,100	
GIW-04	5/2/2018	4.6	38	6.2	25	26	1,100	See Note 3
GIW-04	6/5/2018	0.60	45	3.8	13	37	1,800	See Note 4
GIW-04	7/3/2018	2.5	52	ND	5.0	38	1,700	
GIW-05	3/5/2018	0.15	3.8	20	70	5.4	46	See Note 4
GIW-05	4/6/2018	0.011	0.23	22	78	ND	ND	See Note 3
GIW-05	5/10/2018	0.42	11	16	58	14	130	See Note 3
GIW-05	6/5/2018	0.54	15	15	53	16	160	See Note 3
GIW-05	7/5/2018	0.77	20	13	45	22	210	See Note 3
GIW-06	3/5/2018	16	43	ND	22	17	230	
GIW-06	4/4/2018	15	44	ND	23	17	280	
GIW-06	5/3/2018	20	43	ND	25	11	170	
GIW-06	6/5/2018	24	41	ND	21	12	180	
GIW-06	7/3/2018	27	41	ND	19	11	160	
GIW-07	3/5/2018	31	54	ND	9.7	4.4	220	
GIW-07	4/4/2018	27	55	2.0	9.4	6.7	410	
GIW-07	5/3/2018	28	58	ND	4.9	7.2	360	
GIW-07	6/5/2018	34	54	ND	4.6	6.6	300	
GIW-07	7/3/2018	35	53	ND	4.2	5.9	260	
GIW-08	3/5/2018	27	55	ND	17	0.26	52	
GIW-08	4/4/2018	33	53	ND	12	0.12	35	
GIW-08	5/3/2018	37	53	ND	9.0	0.054	ND	
GIW-08	6/5/2018	40	50	ND	9.1	0.15	45	
GIW-08	7/3/2018	43	49	ND	6.4	0.34	58	
GIW-09	3/5/2018	3.5	19	7.2	63	7.2	220	See Note 3
GIW-09	4/4/2018	2.4	14	13	67	4.1	130	See Note 4
GIW-09	5/3/2018	3.4	24	5.6	64	2.6	120	See Note 4
GIW-09	6/5/2018	5.4	19	8.3	64	2.9	100	See Note 4
GIW-09	7/3/2018	7.8	24	4.3	59	5.5	89	
GIW-10	3/5/2018	8.7	34	ND	40	16	440	
GIW-10	4/4/2018	7.9	30	ND	47	14	410	
GIW-10	5/3/2018	8.5	28	1.8	50	11	310	
GIW-10	6/5/2018	9.8	31	ND	44	14	440	
GIW-10	7/5/2018	11	34	ND	38	16	420	
GIW-11	3/5/2018	16	44	ND	20	18	730	
GIW-11	4/3/2018	18	41	1.7	25	14	550	
GIW-11	5/2/2018	12	34	2.3	39	13	600	
GIW-11	6/5/2018	12	36	ND	38	13	600	
GIW-11	7/3/2018	20	40	ND	28	11	380	
GIW-12	3/5/2018	9.3	42	3.1	26	19	970	
GIW-12	4/3/2018	9.0	43	4.4	23	20	1,100	
GIW-12	5/2/2018	10	25	10	45	9.3	490	See Note 4
GIW-12	6/5/2018	8.8	34	7.3	34	16	820	See Note 3
GIW-12	7/3/2018	9.3	53	ND	9.1	27	1,300	
GIW-13	3/5/2018	23	58	ND	3.2	14	370	
GIW-13	4/3/2018	25	54	ND	6.5	13	350	
GIW-13	5/2/2018	23	50	3.1	12	12	370	
GIW-13	6/5/2018	31	53	ND	4.5	11	330	
GIW-13	7/3/2018	27	56	ND	ND	13	390	
Flare Station <sup>2</sup>	3/7/2018	11.2	32.8	8.1	37.0	10.2	505	See Note 6
Flare Station <sup>2</sup>	4/5/2018	11.8	34.5	7.4	34.6	10.6	485	See Note 6
Flare Station <sup>2</sup>	5/1/2018	12.3	32.8	7.4	36.3	10.0	495	See Note 6
Flare Station <sup>2</sup>	6/1/2018	12.7	37.1	6.2	32.2	10.4	505	See Note 6

### Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub> /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)					(ppm)	
Flare Station <sup>2</sup>	7/2/2018	13.5	36.8	6.4	32.0	10.1	445	See Note 6
<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 &amp; 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><sup>2</sup> = Flare Station Inlet measured at EPA Method 2 flow port (blower outlet)</p>								