

July 2016 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H ₂ O		
GEW-002	7/7/2016 15:25	58.5	38.3	0.1	3.1	123.9		37	38	-1.4	-1.4	-13.2
GEW-002	7/7/2016 15:27	56.0	40.8	0.1	3.1	123.9		55	57	-1.2	-1.2	-12.9
GEW-002	7/11/2016 14:42	55.4	41.4	0.1	3.1	122.9		15	15	-0.6	-0.7	-12.7
GEW-002	7/26/2016 9:01	55.4	40.2	0.0	4.4	92.4		0	0	0.8	0.7	0.8
GEW-003	7/7/2016 15:42	49.9	39.9	0.2	10.0	115.5		34	31	-0.4	-0.4	-13.0
GEW-003	7/11/2016 14:54	50.8	39.7	0.2	9.3	117.1		12	12	-0.3	-0.3	-13.4
GEW-003	7/11/2016 15:01	50.9	39.6	0.2	9.3	117.2		37	35	-0.2	-0.2	-12.4
GEW-003	7/19/2016 11:07	51.0	38.4	0.2	10.4	117.9		15	15	-0.5	-0.5	-12.4
GEW-003	7/26/2016 9:23	53.2	39.8	0.0	7.0	117.8		16	13	-0.4	-0.4	-12.1
GEW-004	7/7/2016 15:46	53.6	40.3	0.1	6.0	121.0		38	39	-0.5	-0.4	-13.0
GEW-004	7/11/2016 16:10	53.6	40.8	0.0	5.6	121.8		14	14	-0.2	-0.2	-12.7
GEW-004	7/11/2016 16:18	53.6	40.4	0.0	6.0	121.8		11	7	-0.2	-0.2	-12.5
GEW-004	7/19/2016 11:14	52.7	39.3	0.1	7.9	121.8		0	0	-0.5	-0.5	-12.7
GEW-004	7/26/2016 9:28	53.9	40.0	0.0	6.1	121.3		13	13	-0.4	-0.4	-12.2
GEW-005	7/7/2016 16:00	45.2	35.5	0.1	19.2	95.6		41	41	-0.3	-0.3	-12.7
GEW-005	7/11/2016 16:44	46.3	35.7	0.0	18.0	96.7		16	16	-0.1	-0.1	-12.6
GEW-005	7/11/2016 16:50	46.9	34.7	0.0	18.4	96.6		21	19	-0.2	-0.2	-12.9
GEW-005	7/19/2016 11:24	43.4	33.5	0.1	23.0	95.5		0	0	-0.4	-0.3	-12.8
GEW-005	7/26/2016 9:38	45.4	36.0	0.0	18.6	95.8		10	9	-0.3	-0.3	-12.4
GEW-006	7/7/2016 16:08	55.9	38.3	0.1	5.7	91.5		16	15	-0.2	-0.2	-12.9
GEW-006	7/12/2016 9:16	54.5	38.4	0.0	7.1	90.3		11	10	-0.5	-0.5	-13.4
GEW-006	7/12/2016 9:22	55.0	38.3	0.0	6.7	90.3		17	17	-0.5	-0.5	-12.6
GEW-006	7/19/2016 11:31	54.6	37.9	0.2	7.3	91.1		10	16	-0.3	-0.3	-12.7
GEW-006	7/26/2016 9:44	55.1	38.4	0.0	6.5	90.8		14	13	-0.2	-0.2	-12.2
GEW-007	7/7/2016 17:56	57.0	41.6	0.0	1.4	100.1		9	12	-1.0	-1.0	-12.8
GEW-007	7/12/2016 11:34	56.9	42.1	0.1	0.9	98.4		9	7	-1.5	-1.5	-13.4
GEW-007	7/12/2016 11:40	57.6	40.8	0.1	1.5	98.7		9	10	-1.3	-1.3	-12.8
GEW-007	7/19/2016 14:01	57.2	41.8	0.1	0.9	101.5		9	9	-0.6	-0.6	-13.2
GEW-007	7/26/2016 11:01	55.0	42.1	0.1	2.8	101.1		11	11	-0.8	-0.8	-11.9
GEW-008	7/7/2016 17:51	50.2	45.9	0.0	3.9	113.6		15	15	-0.3	-0.3	-12.7
GEW-008	7/12/2016 11:24	50.3	46.0	0.2	3.5	113.1		16	17	-0.6	-0.6	-13.3
GEW-008	7/12/2016 11:30	50.6	46.1	0.2	3.1	113.4		22	22	-0.6	-0.6	-13.3
GEW-008	7/19/2016 13:56	51.0	45.0	0.1	3.9	114.8		17	15	-0.2	-0.2	-12.8
GEW-008	7/26/2016 10:57	50.7	43.4	0.1	5.8	114.4		16	10	-0.3	-0.3	-11.9
GEW-009	7/7/2016 17:46	52.8	42.2	0.0	5.0	125.2		12	13	-0.2	-0.2	-18.2
GEW-009	7/12/2016 10:54	53.3	43.0	0.1	3.6	124.5		26	27	-0.4	-0.5	-16.4
GEW-009	7/12/2016 11:00	54.0	42.4	0.1	3.5	124.5		4	0	-0.4	-0.4	-16.9
GEW-009	7/19/2016 13:52	54.7	41.2	0.1	4.0	125.6		30	29	-0.1	-0.1	-17.5
GEW-009	7/26/2016 10:54	53.0	41.3	0.1	5.6	125.9		10	14	-0.2	-0.2	-17.8
GEW-010	7/5/2016 9:48	50.4	44.6	0.0	5.0	94.2		1	1	-3.0	-3.0	-12.5
GEW-010	7/11/2016 13:25	46.0	44.3	0.1	9.6	105.5		3	3	-10.1	-10.1	-17.2
GEW-010	7/11/2016 13:31	45.8	44.1	0.2	9.9	105.3		3	2	-10.1	-10.1	-17.5
GEW-010	7/18/2016 10:40	44.9	47.5	0.5	7.1	102.2		2	3	-8.8	-8.5	-16.8

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		(% vol)				°F		scfm		H ₂ O		
GEW-010	7/25/2016 14:23	43.8	45.7	1.2	9.3	107.9		3	3	-6.8	-6.8	-17.0
GEW-013A	7/21/2016 10:19	3.4	20.7	13.6	62.3	146.6				-5.5	-5.8	-13.8
GEW-013A	7/21/2016 10:20	3.5	20.6	13.6	62.3	146.6				-5.9	-6.2	-14.1
GEW-028R	7/14/2016 10:52	1.1	54.4	1.8	42.7	95.1		4	3	-13.2	-12.8	-12.9
GEW-028R	7/14/2016 10:57	1.3	57.3	2.1	39.3	96.5		10	8	-13.3	-12.8	-13.0
GEW-038	7/5/2016 8:47	0.3	45.0	7.7	47.0	94.2		6	10	-11.1	-11.2	-12.4
GEW-038	7/5/2016 8:48	0.3	44.4	8.0	47.3	95.4		5	3	-11.4	-11.4	-12.1
GEW-038	7/11/2016 13:45	0.5	48.2	4.9	46.4	103.9		8	3	-9.4	-7.7	-9.7
GEW-038	7/11/2016 13:51	0.4	46.6	3.6	49.4	102.7		4	1	-6.3	-6.4	-9.7
GEW-038	7/18/2016 8:25	0.4	52.6	4.5	42.5	94.0		6	13	-6.8	-6.8	-10.1
GEW-038	7/25/2016 11:19	0.4	47.0	6.1	46.5	85.3		4	6	-9.7	-9.8	-13.7
GEW-038	7/25/2016 11:20	0.4	46.9	7.1	45.6	85.5		6	5	-9.8	-9.8	-12.0
GEW-039	7/5/2016 9:43	36.5	50.1	0.1	13.3	127.5		21	22	-1.3	-1.3	-16.7
GEW-039	7/11/2016 14:02	34.5	48.7	0.1	16.7	128.6		14	25	-1.3	-1.3	-16.8
GEW-039	7/11/2016 14:08	35.8	46.5	0.2	17.5	129.0		12	17	-1.2	-1.2	-17.5
GEW-039	7/19/2016 14:34	41.5	49.2	0.0	9.3	130.2		43	40	-4.9	-4.8	-18.5
GEW-039	7/25/2016 11:33	30.1	49.7	0.1	20.1	133.0				-5.2	-5.3	-17.8
GEW-039	7/25/2016 11:34	30.3	49.3	0.1	20.3	133.1		42	38	-5.4	-5.3	-19.9
GEW-040	7/7/2016 14:47	58.9	38.4	0.1	2.6	94.3		17	17	-0.7	-0.7	-12.9
GEW-040	7/11/2016 11:47	56.7	41.0	0.0	2.3	95.7		12	12	-0.7	-0.7	-12.5
GEW-040	7/11/2016 11:55	56.5	41.2	0.0	2.3	96.0		14	13	-0.7	-0.7	-12.9
GEW-040	7/19/2016 10:21	59.1	38.4	0.1	2.4	98.9		16	16	-0.8	-0.8	-12.9
GEW-040	7/26/2016 8:39	58.6	39.3	0.0	2.1	95.0		16	16	-0.9	-0.9	-12.6
GEW-041R	7/7/2016 14:50	56.3	38.6	0.5	4.6	106.7		18	16	-0.6	-0.7	-10.2
GEW-041R	7/11/2016 12:02	54.6	39.8	0.4	5.2	107.2		14	15	-0.5	-0.5	-9.9
GEW-041R	7/11/2016 12:09	54.8	39.7	0.4	5.1	107.2		10	17	-0.5	-0.4	-10.1
GEW-041R	7/19/2016 10:25	55.6	37.6	0.4	6.4	107.6		12	21	-0.6	-0.6	-10.7
GEW-041R	7/26/2016 8:42	56.7	37.3	0.1	5.9	107.3		18	0	-0.6	-0.5	-10.2
GEW-042R	7/7/2016 14:53	56.1	40.5	0.1	3.3	112.7		12	12	-1.0	-1.0	-3.3
GEW-042R	7/7/2016 14:55	55.4	41.6	0.1	2.9	112.2		16	12	-0.9	-0.9	-3.6
GEW-042R	7/11/2016 12:16	55.2	42.2	0.1	2.5	112.4		11	11	-0.5	-0.4	-2.3
GEW-042R	7/11/2016 12:23	55.3	42.3	0.1	2.3	112.2		21	19	-0.5	-0.4	-3.4
GEW-042R	7/19/2016 10:29	56.4	38.7	0.0	4.9	112.8		23	8	-0.6	-0.6	-2.1
GEW-042R	7/26/2016 8:45	57.4	39.0	0.0	3.6	110.2		21	0	-0.4	-0.6	-1.2
GEW-043R	7/7/2016 14:59	54.1	41.8	0.2	3.9	123.5		20	17	-0.5	-0.5	-12.9
GEW-043R	7/11/2016 12:30	54.1	42.2	0.3	3.4	123.1		17	17	-0.3	-0.3	-12.9
GEW-043R	7/11/2016 12:38	54.6	41.9	0.3	3.2	123.4		17	17	-0.3	-0.3	-12.2
GEW-043R	7/19/2016 10:32	54.6	39.5	0.2	5.7	124.1		22	19	-0.6	-0.6	-12.7
GEW-043R	7/26/2016 8:49	55.7	39.1	0.2	5.0	122.6		19	18	-0.7	-0.6	-12.6
GEW-044	7/7/2016 15:02	56.7	40.7	0.1	2.5	94.8		13	11	-0.7	-0.7	-5.9
GEW-044	7/11/2016 12:44	56.1	40.9	0.1	2.9	96.2		35	35	-0.5	-0.5	-5.2
GEW-044	7/11/2016 12:50	56.6	39.6	0.1	3.7	96.1		8	8	-0.4	-0.4	-5.0
GEW-044	7/19/2016 10:36	56.1	39.7	0.0	4.2	96.5		5	0	-0.8	-0.8	-4.8

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		(% vol)				°F		scfm		H ₂ O		
GEW-044	7/26/2016 8:52	57.5	39.3	0.0	3.2	92.7		6	7	-0.7	-0.7	-5.3
GEW-045R	7/7/2016 15:06	55.9	40.7	0.1	3.3	96.0		8	8	-0.6	-0.6	-13.0
GEW-045R	7/11/2016 13:52	55.2	41.8	0.2	2.8	101.6		9	10	-0.5	-0.5	-12.5
GEW-045R	7/11/2016 13:58	55.4	41.3	0.2	3.1	101.6		10	10	-0.4	-0.4	-12.6
GEW-045R	7/19/2016 10:40	54.4	40.0	0.2	5.4	102.9		9	9	-0.9	-0.9	-12.7
GEW-045R	7/26/2016 8:55	56.5	39.6	0.0	3.9	96.8		10	8	-0.8	-0.8	-12.4
GEW-046R	7/7/2016 15:09	52.7	39.9	0.1	7.3	100.1		15	8	-0.5	-0.5	-13.1
GEW-046R	7/11/2016 14:04	52.7	40.2	0.1	7.0	101.1		14	14	-0.3	-0.3	-12.6
GEW-046R	7/11/2016 14:13	52.9	40.6	0.1	6.4	101.0		41	39	-0.3	-0.3	-12.5
GEW-046R	7/19/2016 10:44	52.4	39.6	0.0	8.0	101.0		0	0	-0.6	-0.6	-12.8
GEW-047R	7/7/2016 15:55	49.7	39.2	0.2	10.9	115.3		39	40	-0.4	-0.4	-12.7
GEW-047R	7/11/2016 16:31	49.8	39.1	0.0	11.1	115.9		15	15	-0.2	-0.2	-12.5
GEW-047R	7/11/2016 16:37	50.1	39.0	0.0	10.9	115.9		18	19	-0.2	-0.2	-12.6
GEW-047R	7/19/2016 11:20	46.9	38.2	0.2	14.7	115.1		37	38	-0.5	-0.4	-12.4
GEW-047R	7/26/2016 9:34	48.3	39.4	0.0	12.3	115.0		25	25	-0.4	-0.4	-12.6
GEW-048	7/7/2016 16:04	55.5	38.5	0.1	5.9	106.5		13	13	-0.3	-0.2	-11.8
GEW-048	7/12/2016 8:54	55.9	40.5	0.0	3.6	105.6		18	16	-0.7	-0.7	-10.5
GEW-048	7/12/2016 9:11	55.8	39.8	0.0	4.4	105.3		16	15	-0.6	-0.6	-8.2
GEW-048	7/19/2016 11:27	54.6	37.7	0.2	7.5	106.0		12	15	-0.4	-0.4	-10.6
GEW-048	7/26/2016 9:41	56.2	38.8	0.0	5.0	105.5		12	12	-0.3	-0.3	-11.8
GEW-049	7/7/2016 16:33	50.6	38.0	0.1	11.3	111.7		9	9	-0.3	-0.3	-5.5
GEW-049	7/12/2016 9:59	45.3	36.8	0.1	17.8	110.2		13	14	-0.3	-0.3	-5.2
GEW-049	7/12/2016 10:04	46.7	36.7	0.1	16.5	110.5		12	9	-0.4	-0.4	-5.6
GEW-049	7/19/2016 11:43	46.9	36.5	0.2	16.4	110.5		9	10	-0.3	-0.3	-4.8
GEW-049	7/26/2016 10:30	51.0	36.5	0.0	12.5	111.2		3	8	-0.2	-0.2	-4.7
GEW-050	7/7/2016 16:21	57.1	39.1	0.1	3.7	109.2		11	13	-0.2	-0.2	-6.0
GEW-050	7/12/2016 9:37	56.6	39.4	0.1	3.9	108.7		0	0	-0.6	-0.5	-8.4
GEW-050	7/12/2016 9:43	56.5	40.0	0.1	3.4	108.7		20	17	-0.6	-0.5	-10.1
GEW-050	7/19/2016 11:35	56.2	38.6	0.2	5.0	109.5		37	39	-0.4	-0.4	-7.4
GEW-050	7/26/2016 9:47	57.4	38.9	0.0	3.7	109.0		28	28	-0.3	-0.3	-6.0
GEW-051	7/7/2016 16:37	54.9	41.0	0.2	3.9	128.3		18	14	-0.3	-0.3	-12.7
GEW-051	7/12/2016 10:08	55.3	41.6	0.1	3.0	128.4		31	31	-0.5	-0.5	-12.9
GEW-051	7/12/2016 10:15	55.2	41.4	0.1	3.3	128.3		12	17	-0.5	-0.5	-12.4
GEW-051	7/19/2016 11:47	54.6	40.8	0.3	4.3	128.2		33	33	-0.4	-0.3	-12.8
GEW-051	7/26/2016 10:33	55.4	38.2	0.0	6.4	128.3		15	12	-0.2	-0.2	-12.2
GEW-052	7/7/2016 16:25	54.1	38.6	0.2	7.1	116.3		37	37	-0.2	-0.2	-12.5
GEW-052	7/12/2016 9:47	53.4	40.1	0.1	6.4	114.4		14	8	-0.4	-0.4	-12.8
GEW-052	7/12/2016 9:53	53.7	39.8	0.1	6.4	114.5		19	18	-0.3	-0.3	-13.2
GEW-052	7/19/2016 11:37	54.1	38.5	0.2	7.2	115.0		14	13	-0.3	-0.3	-12.9
GEW-052	7/26/2016 9:50	55.0	39.1	0.0	5.9	115.1		0	0	-0.3	-0.2	-11.9
GEW-053	7/1/2016 8:13	49.1	44.4	0.0	6.5	140.0		12	10	-0.6	-0.6	-13.5
GEW-053	7/1/2016 8:14	48.4	45.5	0.0	6.1	139.9		8	13	-0.6	-0.6	-13.6
GEW-053	7/7/2016 16:44	47.6	44.9	0.2	7.3	138.7		11	11	0.0	0.0	-12.7

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GEW-053	7/7/2016 16:48	47.9	44.5	0.2	7.4	138.7		11	10	0.0	0.0	-12.5
GEW-053	7/12/2016 10:20	47.7	44.7	0.1	7.5	140.2		14	14	-0.2	-0.2	-13.0
GEW-053	7/12/2016 10:26	48.1	45.0	0.1	6.8	139.9		10	14	-0.2	-0.1	-13.0
GEW-053	7/19/2016 13:19	48.9	42.7	0.0	8.4	141.2		0	0	0.3	0.3	-13.2
GEW-053	7/19/2016 13:22	49.1	43.3	0.0	7.6	142.2		45	50	0.0	0.0	-13.1
GEW-053	7/26/2016 10:36	51.0	41.1	0.1	7.8	142.1		19	15	-0.2	-0.2	-12.2
GEW-053	7/26/2016 10:37	49.3	43.8	0.1	6.8	142.0		12	10	-0.2	-0.2	-12.1
GEW-054	7/1/2016 8:10	52.8	44.3	0.0	2.9	146.9		43	44	-3.4	-3.4	-11.4
GEW-054	7/1/2016 8:10	52.4	43.2	0.0	4.4	146.8		45	51	-3.5	-3.3	-11.0
GEW-054	7/7/2016 17:36	52.4	42.2	0.0	5.4	146.6		46	42	-3.0	-3.1	-10.2
GEW-054	7/7/2016 17:38	52.1	43.0	0.0	4.9	146.6		47	48	-3.1	-3.1	-8.9
GEW-054	7/12/2016 10:34	52.4	42.7	0.1	4.8	146.5		47	40	-3.3	-3.4	-10.3
GEW-054	7/12/2016 10:40	51.8	42.6	0.1	5.5	146.6		38	49	-3.3	-3.2	-9.9
GEW-054	7/19/2016 13:40	51.9	41.5	0.0	6.6	148.5		45	48	-2.3	-2.4	-9.2
GEW-054	7/19/2016 13:42	52.1	41.4	0.0	6.5	148.6		51	43	-2.4	-2.4	-10.1
GEW-054	7/26/2016 10:46	52.4	40.2	0.0	7.4	147.0		46	36	-2.7	-2.8	-9.6
GEW-054	7/26/2016 10:47	51.5	42.1	0.1	6.3	147.1		42	39	-2.8	-2.9	-9.6
GEW-055	7/7/2016 17:43	52.8	43.5	0.0	3.7	127.5		39	39	-0.3	-0.3	-12.7
GEW-055	7/12/2016 10:43	53.0	43.1	0.1	3.8	127.8		0	0	-0.6	-0.6	-12.2
GEW-055	7/12/2016 10:49	53.3	43.0	0.1	3.6	127.5		0	0	-0.6	-0.6	-12.5
GEW-055	7/19/2016 13:47	53.8	42.8	0.1	3.3	129.1		13	13	0.0	0.0	-12.0
GEW-055	7/26/2016 10:50	52.8	41.2	0.1	5.9	127.5		13	12	-0.1	-0.1	-10.2
GEW-056R	7/5/2016 10:12	1.9	9.7	20.5	67.9	94.0		5	6	-16.8	-16.8	-16.4
GEW-056R	7/5/2016 10:13	1.8	4.4	20.8	73.0	94.8		7	7	-17.2	-17.3	-17.1
GEW-056R	7/7/2016 8:52	1.7	8.3	20.6	69.4	81.5		7	5	-18.1	-18.1	-18.1
GEW-056R	7/7/2016 8:53	1.6	5.8	20.8	71.8	81.5		1	2	-18.0	-18.0	-17.8
GEW-056R	7/8/2016 8:40	1.0	56.9	0.0	42.1	160.1		15	24	-6.4	-6.6	-18.5
GEW-056R	7/8/2016 8:41	1.2	56.6	0.0	42.2	162.3		7	19	-6.1	-5.9	-17.5
GEW-056R	7/11/2016 11:29	20.1	48.5	0.1	31.3	155.0		17	19	-4.0	-4.1	-17.6
GEW-056R	7/11/2016 11:35	19.4	49.3	0.0	31.3	154.9		28	25	-3.5	-4.8	-17.0
GEW-056R	7/18/2016 10:35	16.6	50.0	0.1	33.3	159.6		8	8	-2.3	-2.3	-17.4
GEW-056R	7/18/2016 10:37	16.9	51.5	0.1	31.5	160.1		8	7	-2.3	-2.3	-17.1
GEW-056R	7/25/2016 14:16	16.0	53.8	0.3	29.9	164.6		8	11	-2.9	-2.9	-17.1
GEW-056R	7/25/2016 14:17	16.5	53.8	0.2	29.5	164.6		11	8	-3.0	-3.0	-18.3
GEW-057B	7/20/2016 14:37	2.6	51.1	0.5	45.8	130.3		19	17	-12.9	-12.9	-12.0
GEW-057R	7/14/2016 10:33	15.7	35.5	2.9	45.9	124.7				-10.9	-12.2	-12.2
GEW-057R	7/14/2016 10:40	15.9	34.8	3.1	46.2	125.0		13	13	-11.2	-10.4	-11.8
GEW-058	7/14/2016 11:18	7.5	50.8	2.2	39.5	185.7		4	9	-15.2	-15.6	-15.8
GEW-058	7/14/2016 11:24	8.9	49.9	2.2	39.0	186.4		4	9	-16.1	-15.2	-16.0
GEW-058A	7/14/2016 11:08	29.6	44.7	2.9	22.8	145.2				-6.8	-6.8	-8.4
GEW-058A	7/14/2016 11:13	28.7	43.2	3.0	25.1	148.8				-6.8	-6.8	-8.4
GEW-059R	7/14/2016 11:41	13.0	54.7	0.4	31.9	189.0				-15.1	-14.7	-15.1
GEW-059R	7/14/2016 11:47	18.1	52.5	0.4	29.0	189.2		9	18	-15.2	-15.2	-15.5

July 2016 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H ₂ O		
GEW-065A	7/14/2016 11:53	8.1	19.1	12.2	60.6	102.4				-9.8	-10.1	-9.4
GEW-065A	7/14/2016 11:54	8.1	20.2	11.4	60.3	103.7				-9.8	-10.7	-9.3
GEW-067A	7/21/2016 11:14	6.6	22.2	11.5	59.7	157.0		3	6	-13.2	-13.0	-16.3
GEW-067A	7/21/2016 11:16	6.8	22.3	11.4	59.5	156.6		7	3	-12.9	-12.8	-15.5
GEW-077	7/21/2016 10:27	0.6	60.7	0.1	38.6	198.9				-14.6	-14.6	-13.5
GEW-077	7/21/2016 10:28	0.7	62.5	0.0	36.8	198.4				-14.3	-13.9	-12.2
GEW-078R	7/21/2016 9:21	9.1	48.1	0.0	42.8	188.5				-13.6	-13.9	-13.2
GEW-078R	7/21/2016 9:22	9.3	53.7	0.0	37.0	188.5				-13.7	-13.9	-12.8
GEW-080	7/20/2016 13:59	2.9	18.1	12.4	66.6	97.7		8	9	-15.7	-15.6	-15.4
GEW-080	7/20/2016 14:00	3.5	24.7	9.6	62.2	98.5		11	4	-12.5	-12.9	-12.6
GEW-082R	7/14/2016 12:00	20.3	52.6	0.4	26.7	192.3		13	16	-9.3	-10.3	-9.1
GEW-082R	7/14/2016 12:10	17.7	51.0	0.6	30.7	192.3		30	23	-13.2	-12.7	-13.7
GEW-086	7/14/2016 15:41	12.6	50.6	0.1	36.7	101.1				-0.1	-0.1	-16.1
GEW-086	7/14/2016 15:46	15.4	42.7	0.1	41.8	102.5		3	3	-0.1	-0.1	-15.8
GEW-089	7/21/2016 11:08	7.9	20.7	14.5	56.9	109.5		11	9	-2.2	-1.9	-6.7
GEW-089	7/21/2016 11:09	9.0	18.6	14.7	57.7	109.0		10	8	-2.4	-2.4	-14.5
GEW-090	7/14/2016 15:30	19.7	48.8	0.1	31.4	182.7		5	1	-15.1	-15.1	-15.1
GEW-090	7/14/2016 15:36	21.2	47.2	0.1	31.5	183.3		5	10	-15.6	-15.6	-15.6
GEW-102	7/14/2016 15:54	0.7	2.1	19.9	77.3	125.3				-15.6	-15.7	-15.6
GEW-102	7/14/2016 15:55	0.7	1.3	19.9	78.1	125.4				-16.6	-16.6	-16.6
GEW-104	7/21/2016 15:08	0.7	60.9	0.3	38.1	112.5		9	5	5.5	5.4	5.2
GEW-104	7/21/2016 15:09	0.7	60.5	0.4	38.4	112.0		6	8	4.7	4.8	4.7
GEW-108	7/21/2016 15:46	1.9	7.0	18.3	72.8	108.5				-16.2	-17.1	-17.4
GEW-108	7/21/2016 15:47	2.5	6.6	17.8	73.1	110.4		6	6	-16.1	-16.2	-16.3
GEW-109	7/5/2016 9:40	11.9	50.6	0.0	37.5	110.4		2	7	-7.2	-7.2	-17.7
GEW-109	7/11/2016 13:54	10.5	51.9	0.0	37.6	110.9		4	6	-6.9	-6.9	-17.8
GEW-109	7/11/2016 14:00	11.3	49.5	0.0	39.2	110.9		4	3	-7.4	-7.3	-17.7
GEW-109	7/18/2016 8:28	13.6	49.4	0.0	37.0	104.5		3	2	-9.8	-9.8	-16.5
GEW-109	7/25/2016 11:30	13.2	42.8	1.9	42.1	94.0		2	1	-9.7	-9.8	-17.4
GEW-110	7/5/2016 10:09	12.8	36.4	1.5	49.3	112.8		8	8	-0.1	-0.1	-18.0
GEW-110	7/11/2016 13:35	12.6	36.0	2.3	49.1	113.3		7	8	0.0	0.0	-16.7
GEW-110	7/11/2016 13:40	12.0	34.9	2.5	50.6	113.7		9	8	0.0	0.0	-17.0
GEW-110	7/18/2016 9:35	0.3	18.3	17.0	64.4	111.1		6	7	0.0	0.0	-16.9
GEW-110	7/18/2016 9:36	0.3	15.2	17.2	67.3	111.2		5	7	0.0	0.0	-17.4
GEW-110	7/25/2016 13:42	0.8	9.6	17.8	71.8	109.5		7	7	0.0	0.0	-17.2
GEW-110	7/25/2016 13:43	0.8	9.1	17.8	72.3	109.4		6	6	0.0	0.0	-16.3
GEW-112	7/21/2016 10:55	3.1	46.4	4.7	45.8	110.4				-13.7	-13.8	-14.5
GEW-113	7/21/2016 10:47	11.5	47.4	2.9	38.2	173.6				-8.6	-8.8	-14.3
GEW-113	7/21/2016 10:48	12.2	48.2	2.8	36.8	173.6				-8.9	-8.9	-14.6
GEW-117	7/14/2016 16:24	15.4	63.6	0.8	20.2	119.7				-14.2	-14.7	-14.3
GEW-117	7/14/2016 16:30	16.9	62.2	0.9	20.0	118.9				-14.7	-14.7	-14.6
GEW-118	7/14/2016 16:07	6.6	54.3	1.7	37.4	195.0		62	60	-9.1	-9.3	-13.3
GEW-118	7/14/2016 16:15	9.8	55.0	2.3	32.9	194.3		65	66	-8.9	-9.2	-13.4

July 2016 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H ₂ O		
GEW-118	7/21/2016 9:05	2.3	45.0	2.0	50.7	192.5		60	60	-10.9	-10.9	-14.9
GEW-118	7/21/2016 9:06	2.0	52.4	1.9	43.7	193.0		56	57	-11.9	-11.5	-14.8
GEW-120	7/12/2016 9:54	15.7	53.3	0.0	31.0	149.3				-14.2	-13.9	-14.1
GEW-120	7/12/2016 10:00	15.8	53.6	0.0	30.6	152.1				-13.8	-13.2	-13.5
GEW-121	7/12/2016 10:52	7.6	57.2	0.1	35.1	180.8		24	23	-12.0	-11.1	-13.3
GEW-121	7/12/2016 10:58	8.3	54.2	0.0	37.5	180.3		29	35	-12.8	-11.8	-13.6
GEW-122	7/12/2016 14:49	12.0	53.3	0.0	34.7	188.5				-6.6	-6.6	-15.2
GEW-122	7/12/2016 14:57	13.3	47.5	0.0	39.2	188.8				-6.3	-6.3	-14.7
GEW-123	7/12/2016 11:24	5.3	59.9	0.1	34.7	185.0		15	12	-14.2	-14.1	-14.1
GEW-123	7/12/2016 11:32	5.3	59.6	0.2	34.9	185.2		5	11	-14.5	-14.5	-13.9
GEW-124	7/12/2016 13:46	10.9	57.5	0.2	31.4	91.8		4	5	-15.1	-15.3	-14.7
GEW-124	7/12/2016 13:53	11.2	55.4	0.2	33.2	92.4		8	5	-15.3	-15.3	-15.0
GEW-125	7/13/2016 8:18	0.7	59.4	0.0	39.9	191.3				-8.3	-8.2	-14.9
GEW-125	7/13/2016 8:26	0.8	49.3	0.1	49.8	191.3				-8.5	-7.7	-14.5
GEW-126	7/13/2016 9:08	18.3	52.4	0.0	29.3	150.9				-12.6	-12.3	-12.5
GEW-126	7/13/2016 9:17	18.8	52.4	0.1	28.7	154.5				-12.2	-12.4	-12.1
GEW-127	7/13/2016 10:38	5.3	62.5	0.1	32.1	187.9				-12.9	-12.5	-13.6
GEW-127	7/13/2016 10:44	5.6	61.3	0.1	33.0	187.9				-13.2	-13.2	-13.7
GEW-128	7/13/2016 13:24	8.9	57.0	0.0	34.1	172.2		27	34	-11.8	-11.8	-14.2
GEW-128	7/13/2016 13:31	8.9	59.3	0.0	31.8	172.2		30	33	-11.8	-11.8	-14.3
GEW-129	7/13/2016 14:03	3.4	62.7	0.0	33.9	145.1		8	12	-8.1	-8.0	-13.9
GEW-129	7/13/2016 14:08	2.6	58.3	0.0	39.1	147.4		9	12	-10.4	-10.4	-13.6
GEW-130	7/13/2016 9:41	4.3	51.1	3.9	40.7	175.7		76	80	-4.3	-3.9	-14.4
GEW-130	7/13/2016 9:48	5.7	54.1	3.3	36.9	176.2		74	81	-3.7	-3.8	-14.2
GEW-131	7/13/2016 9:25	0.6	56.4	0.0	43.0	109.7				7.4	7.1	7.3
GEW-131	7/13/2016 9:33	0.6	56.5	0.0	42.9	110.2				3.1	3.8	7.6
GEW-132	7/12/2016 10:07	11.0	44.9	3.1	41.0	165.9				-4.9	-5.0	-10.2
GEW-132	7/12/2016 10:14	10.8	47.0	2.8	39.4	166.1				-5.5	-5.7	-13.5
GEW-133	7/12/2016 9:45	0.1	14.6	18.2	67.1	93.8		4	3	-13.8	-14.6	-13.8
GEW-133	7/12/2016 9:46	0.1	14.4	18.2	67.3	96.9		7	6	-14.2	-14.5	-14.1
GEW-134	7/7/2016 14:25	9.0	39.2	5.1	46.7	146.6				-10.4	-10.5	-14.1
GEW-134	7/7/2016 14:31	9.1	38.9	5.0	47.0	150.5				-10.1	-10.1	-14.1
GEW-135	7/7/2016 14:14	5.5	48.7	4.0	41.8	175.7				-2.5	-2.5	-8.8
GEW-135	7/7/2016 14:20	5.8	49.1	3.7	41.4	175.6				-2.5	-2.4	-13.9
GEW-136	7/7/2016 13:52	5.9	36.3	9.0	48.8	121.3		40	21	-7.7	-3.7	-14.9
GEW-136	7/7/2016 13:54	5.8	35.4	9.2	49.6	120.7		22	19	-3.7	-3.3	-9.1
GEW-137	7/7/2016 13:38	16.8	36.6	0.2	46.4	86.6		26	5	-14.9	-12.0	-15.3
GEW-137	7/7/2016 13:44	16.5	37.1	0.2	46.2	87.0		19	27	-11.9	-10.4	-12.0
GEW-138	7/12/2016 9:16	3.4	29.4	5.2	62.0	151.7				-2.1	-2.0	-4.4
GEW-138	7/12/2016 9:24	3.1	31.4	5.0	60.5	153.8				-2.8	-2.3	-13.9
GEW-139	7/13/2016 14:32	4.8	52.9	1.5	40.8	179.3		37	27	-7.4	-6.8	-12.3
GEW-139	7/13/2016 14:38	3.6	51.1	1.6	43.7	179.3		39	39	-8.1	-8.1	-12.5
GEW-140	7/14/2016 8:28	12.0	42.9	5.6	39.5	167.6				-8.4	-8.5	-13.5

July 2016 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H ₂ O		
GEW-140	7/14/2016 8:29	12.1	42.9	5.6	39.4	167.6				-8.6	-8.4	-13.9
GEW-141	7/14/2016 8:38	0.3	61.2	0.2	38.3	118.4				-14.0	-14.0	-13.8
GEW-141	7/14/2016 8:45	0.4	58.6	0.3	40.7	119.7				-14.2	-14.3	-13.8
GEW-142	7/14/2016 17:19	0.3	36.3	10.0	53.4	93.2		8	4	-14.7	-14.7	-14.6
GEW-142	7/14/2016 17:20	0.4	37.6	9.7	52.3	95.3		5	3	-14.3	-14.7	-14.5
GEW-143	7/14/2016 17:35	0.4	36.6	9.2	53.8	91.9		5	5	-14.2	-14.2	-14.4
GEW-143	7/14/2016 17:36	0.5	36.7	8.5	54.3	92.7		0	5	-14.2	-14.2	-14.5
GEW-144	7/14/2016 17:41	1.1	59.1	0.8	39.0	91.7		9	6	-14.2	-14.7	-14.4
GEW-145	7/12/2016 16:33	4.1	32.3	12.5	51.1	96.7				-17.6	-16.2	-17.8
GEW-145	7/12/2016 16:35	4.0	27.1	12.9	56.0	97.7				-16.7	-17.0	-16.5
GEW-146	7/7/2016 13:29	6.7	26.0	9.1	58.2	100.4		38	28	-3.0	-1.5	-17.1
GEW-146	7/7/2016 13:31	7.0	27.2	8.9	56.9	99.7		27	28	-1.5	-1.5	-16.8
GEW-147	7/7/2016 14:01	12.0	54.2	0.0	33.8	187.4				-15.5	-15.7	-15.1
GEW-147	7/7/2016 14:08	12.4	52.3	0.0	35.3	187.4				-15.9	-15.9	-15.8
GEW-148	7/6/2016 10:40	0.0	0.2	22.5	77.3	79.5		38	39	-17.1	-16.7	-17.0
GEW-148	7/6/2016 10:41	0.0	0.1	22.6	77.3	79.5		40	40	-17.6	-16.9	-17.4
GEW-149	7/6/2016 9:15	5.2	31.7	11.4	51.7	141.8		17	18	-0.5	-0.6	-17.8
GEW-149	7/6/2016 9:16	4.7	31.3	12.3	51.7	140.2		18	18	-0.5	-0.5	-17.7
GEW-150	7/12/2016 15:57	17.2	46.6	4.9	31.3	156.9				-6.4	-6.5	-13.8
GEW-150	7/12/2016 16:04	17.0	46.3	4.9	31.8	155.0				-5.1	-5.4	-14.4
GEW-151	7/6/2016 9:38	11.0	40.9	4.8	43.3	147.0		38	34	-13.0	-12.3	-16.1
GEW-151	7/6/2016 9:43	11.1	37.6	4.9	46.4	145.1		36	30	-11.9	-12.0	-16.5
GEW-152	7/12/2016 14:08	12.0	53.8	0.3	33.9	183.9		12	12	-15.1	-15.2	-17.1
GEW-152	7/12/2016 14:15	11.1	53.3	0.3	35.3	183.3		10	13	-15.2	-15.2	-17.8
GEW-153	7/12/2016 13:51	30.1	44.1	0.2	25.6	143.6		16	17	-10.3	-10.3	-17.7
GEW-153	7/12/2016 14:00	29.3	44.6	0.2	25.9	142.9		17	14	-10.3	-10.0	-17.5
GEW-154	7/6/2016 9:08	0.0	0.4	22.0	77.6	79.1		9	12	-16.9	-16.6	-16.4
GEW-154	7/6/2016 9:09	0.0	0.2	22.1	77.7	78.8		2	9	-16.6	-17.8	-16.2
GEW-155	7/12/2016 9:32	1.3	19.6	10.5	68.6	124.9				-3.8		-9.7
GEW-155	7/12/2016 9:34	1.2	20.8	10.4	67.6	124.3				-2.3	-1.7	-13.6
GEW-156	7/12/2016 16:24	8.3	11.2	14.3	66.2	115.0		21	22	-2.6	-2.6	-16.5
GEW-156	7/12/2016 16:25	8.3	11.3	14.3	66.1	115.0		21	22	-2.6	-2.7	-15.9
GEW-157	7/12/2016 16:11	1.9	58.4	0.1	39.6	178.0		10	10	-11.7	-14.7	-11.9
GEW-157	7/12/2016 16:16	2.5	51.5	0.1	45.9	178.6		4	7	-12.3	-13.3	-13.1
GEW-158	7/12/2016 14:23	22.0	55.5	0.3	22.2	93.8		13	19	-6.4	-2.6	-13.2
GEW-158	7/12/2016 14:29	21.9	56.2	0.3	21.6	96.2		30	7	-2.6	-5.7	-14.0
GEW-159	7/14/2016 9:51	21.6	55.2	0.2	23.0	149.6		12	11	-9.5	-9.5	-9.4
GEW-159	7/14/2016 9:57	22.9	54.2	0.2	22.7	150.4		9	7	-9.4	-9.5	-9.4
GEW-160	7/6/2016 8:33	4.6	56.7	0.0	38.7	139.0		17	20	-11.2	-11.5	-10.4
GEW-160	7/6/2016 8:40	4.5	57.4	0.2	37.9	135.3		19	16	-10.6	-10.6	-10.0
GEW-161	7/6/2016 8:42	0.5	57.2	0.3	42.0	154.5		12	10	-8.1	-8.1	-10.9
GEW-161	7/6/2016 8:48	0.6	54.2	0.3	44.9	155.4		13	11	-8.8	-8.8	-10.9
GEW-162	7/6/2016 9:21	23.7	59.1	1.0	16.2	79.1		10	11	-17.5	-17.6	-17.5

July 2016 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H ₂ O		
GEW-162	7/6/2016 9:28	23.6	57.7	0.9	17.8	79.5		15	15	-17.9	-17.9	-17.6
GEW-163	7/12/2016 11:11	8.4	50.5	4.9	36.2	172.7		40	46	-8.1	-8.2	-13.9
GEW-163	7/12/2016 11:19	8.6	50.0	4.8	36.6	173.4		39	37	-8.2	-8.2	-13.9
GEW-164	7/12/2016 13:32	3.9	64.4	0.2	31.5	98.3		50	21	-14.4	-14.6	-13.7
GEW-164	7/12/2016 13:41	4.0	64.0	0.2	31.8	100.0		33	40	-15.1	-15.1	-15.4
GEW-165	7/12/2016 14:03	1.2	62.7	0.0	36.1	192.6		45	45	-10.3	-10.3	-14.8
GEW-165	7/12/2016 14:11	1.1	62.1	0.0	36.8	192.6		45	45	-10.3	-10.2	-15.4
GEW-166	7/12/2016 14:32	8.0	48.7	2.4	40.9	175.2		60	69	-6.5	-6.3	-9.1
GEW-166	7/12/2016 14:39	8.0	48.5	2.5	41.0	175.2		62	31	-6.9	-6.9	-11.6
GEW-167	7/13/2016 8:04	5.7	40.8	4.8	48.7	177.7		65	47	-1.6	-1.6	-15.4
GEW-167	7/13/2016 8:10	5.7	37.6	4.8	51.9	178.2		64	59	-1.5	-1.4	-14.6
GEW-168	7/13/2016 8:35	0.4	60.4	0.0	39.2	184.1		15	11	-12.6	-12.6	-12.5
GEW-168	7/13/2016 8:46	0.5	58.9	0.1	40.5	183.5		8	3	-11.2	-10.9	-10.8
GEW-169	7/13/2016 8:55	6.7	59.8	0.9	32.6	183.0		61	67	-13.2	-13.2	-13.3
GEW-169	7/13/2016 9:02	7.0	58.7	0.9	33.4	183.5		63	66	-13.2	-13.3	-13.4
GEW-170	7/13/2016 10:27	12.0	55.1	1.9	31.0	171.7		40	37	-9.8	-9.8	-14.0
GEW-170	7/13/2016 10:34	12.6	56.6	1.8	29.0	172.1		39	36	-9.1	-9.4	-13.1
GEW-171	7/14/2016 17:26	7.7	60.3	0.1	31.9	176.7		10	16	-14.7	-14.7	-14.6
GEW-171	7/14/2016 17:31	7.2	59.2	0.1	33.5	175.8		6	20	-14.6	-14.7	-14.6
GEW-172	7/14/2016 9:29	0.2	58.0	0.4	41.4	185.1		9	6	-12.8	-13.2	-12.9
GEW-172	7/14/2016 9:37	0.3	54.3	0.5	44.9	185.1		1	3	-13.2	-13.5	-13.2
GEW-173	7/13/2016 14:45	10.6	36.6	5.2	47.6	118.6		52	50	-2.6	-2.6	-15.6
GEW-173	7/13/2016 14:51	10.7	35.1	5.3	48.9	120.2		46	55	-2.5	-2.5	-16.2
GEW-174	7/12/2016 16:40	15.7	39.5	4.7	40.1	156.9		93	84	-3.3	-3.8	-8.8
GEW-174	7/12/2016 16:45	16.3	36.9	4.6	42.2	156.7		106	78	-3.3	-3.2	-8.8
GEW-175	7/12/2016 14:55	23.5	55.4	1.5	19.6	139.6		113	120	-13.7	-13.7	-15.8
GEW-175	7/12/2016 15:02	24.9	55.3	1.5	18.3	139.5		112	129	-13.3	-13.3	-15.2
GEW-176	7/12/2016 14:34	12.7	59.2	0.3	27.8	165.8		11	11	-0.7	-0.7	-17.8
GEW-176	7/12/2016 14:43	14.3	60.9	0.4	24.4	169.5		29	29	-0.6	-0.6	-17.6
GEW-177	7/21/2016 13:59	2.0	54.6	0.0	43.4	193.7		37	36	-0.1	-6.7	-15.7
GEW-177	7/21/2016 14:00	2.4	56.4	0.0	41.2	193.7		46	51	-7.7	-7.7	-14.6
GEW-1A	7/7/2016 15:15	0.3	2.7	20.1	76.9	97.9		7	13	-1.5	-0.3	-12.9
GEW-1A	7/7/2016 15:16	0.3	1.1	20.3	78.3	98.3		8	10	-1.3	-0.8	-12.9
GEW-1A	7/11/2016 14:18	0.2	2.4	20.3	77.1	105.7		3	3	-7.0	-6.9	-12.2
GEW-1A	7/11/2016 14:21	0.1	0.2	20.3	79.4	109.5		1	1	-8.4	-8.3	-12.9
GEW-1A	7/19/2016 10:49	0.4	3.0	20.5	76.1	103.4		12	7	-7.7	-6.7	-12.9
GEW-1A	7/19/2016 10:49	0.3	1.2	20.8	77.7	104.3		6	1	-7.2	-7.4	-12.7
GEW-2S	7/7/2016 15:21	61.6	35.4	0.1	2.9	98.9		3	4	-0.1	-0.1	-9.8
GEW-2S	7/11/2016 14:28	62.5	34.2	0.1	3.2	105.2		6	4	0.0	0.0	-9.9
GEW-2S	7/11/2016 14:35	61.2	35.5	0.1	3.2	106.0		3	4	0.0	-0.1	-11.3
GEW-2S	7/19/2016 10:58	57.7	37.1	0.4	4.8	115.8		12	6	-7.4	-7.1	-8.4
GIW-01	7/5/2016 8:21	3.3	57.7	3.2	35.8	168.3		13	14	-17.4	-18.2	-17.4
GIW-01	7/5/2016 8:22	1.8	56.4	3.1	38.7	168.8		15	15	-17.2	-17.5	-17.2

July 2016 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H ₂ O		
GIW-01	7/11/2016 10:16	2.8	57.5	2.8	36.9	164.1		0	0	-17.4	-17.0	-17.1
GIW-01	7/11/2016 10:23	2.8	57.9	2.9	36.4	162.3		19	0	-17.4	-17.0	-17.5
GIW-01	7/18/2016 9:27	1.5	45.1	8.1	45.3	165.9		14	13	-17.9	-17.6	-18.1
GIW-01	7/18/2016 9:28	1.2	46.7	8.0	44.1	165.1		24	19	-17.6	-17.6	-17.1
GIW-01	7/25/2016 13:34	0.4	16.8	16.9	65.9	141.5		25	29	-16.7	-16.9	-16.8
GIW-01	7/25/2016 13:35	0.4	16.3	16.9	66.4	141.5		27	24	-17.0	-16.6	-17.0
GIW-01	7/26/2016 10:14	1.3	22.6	16.5	59.6	148.0		33	42	-17.3	-17.3	-17.8
GIW-01	7/26/2016 10:16	0.6	22.1	16.7	60.6	148.5		30	24	-16.9	-16.9	-17.1
GIW-02	7/5/2016 8:18	7.6	52.6	2.8	37.0	95.0		5	5	-0.1	-0.1	-17.0
GIW-02	7/11/2016 9:41	9.4	49.0	4.4	37.2	96.7		3	3	-0.2	-0.2	-17.7
GIW-02	7/11/2016 9:47	10.1	48.5	4.4	37.0	97.7		5	4	-0.1	-0.2	-16.9
GIW-02	7/18/2016 9:22	5.0	45.7	8.3	41.0	98.8		4	3	-0.2	-0.2	-18.5
GIW-02	7/18/2016 9:23	5.6	42.0	8.5	43.9	100.2		2	2	-0.2	-0.2	-17.2
GIW-02	7/25/2016 13:26	6.1	42.0	7.0	44.9	95.4		4	5	-0.2	-0.2	-16.5
GIW-02	7/25/2016 13:28	6.5	43.0	6.9	43.6	96.4		4	11	-0.5	-0.5	-17.0
GIW-03	7/5/2016 8:15	1.1	52.6	4.7	41.6	84.1		2	2	-1.3	-1.3	-12.5
GIW-03	7/11/2016 9:31	1.0	57.0	3.2	38.8	90.1		6	5	-1.4	-1.4	-10.8
GIW-03	7/11/2016 9:37	1.0	57.2	3.0	38.8	90.1		3	2	-1.4	-1.4	-10.1
GIW-03	7/18/2016 9:19	0.6	62.1	0.1	37.2	93.6		3	3	-0.1	-0.1	-11.7
GIW-03	7/25/2016 13:20	0.7	52.4	5.2	41.7	96.7		2	2	-3.6	-3.6	-13.3
GIW-03	7/25/2016 13:21	0.6	53.3	4.8	41.3	96.9		3	3	-3.6	-3.4	-13.4
GIW-04	7/5/2016 8:11	0.8	56.3	0.0	42.9	93.6		13	7	-10.7	-10.7	-12.9
GIW-04	7/11/2016 9:21	1.2	58.1	0.0	40.7	95.5		7	11	-8.4	-8.5	-10.6
GIW-04	7/11/2016 9:27	1.3	57.2	0.0	41.5	96.5		6	11	-8.9	-8.9	-11.1
GIW-04	7/18/2016 8:39	0.9	57.0	0.2	41.9	92.7		9	6	-7.6	-7.4	-10.2
GIW-04	7/25/2016 13:14	0.7	60.4	0.4	38.5	96.6		7	6	-9.3	-9.3	-13.5
GIW-05	7/5/2016 8:08	7.1	45.4	0.7	46.8	86.2		5	5	-4.9	-4.8	-11.8
GIW-05	7/11/2016 9:11	7.1	57.2	0.8	34.9	89.7		7	7	-4.7	-4.7	-9.4
GIW-05	7/11/2016 9:16	7.1	56.6	0.8	35.5	90.3		7	7	-4.7	-4.7	-10.7
GIW-05	7/18/2016 8:36	1.9	57.9	0.8	39.4	91.7		0	6	-3.1	-3.0	-10.1
GIW-05	7/25/2016 13:08	2.1	58.0	0.7	39.2	95.8		10	10	-5.0	-5.0	-12.7
GIW-06	7/5/2016 8:53	1.4	60.3	0.0	38.3	89.9				6.8	-10.8	-12.0
GIW-06	7/5/2016 8:54	1.5	60.3	0.0	38.2	90.1				-10.9	-10.9	-12.4
GIW-06	7/11/2016 8:23	3.4	55.2	1.3	40.1	88.4				-11.3	-11.1	-10.8
GIW-06	7/11/2016 8:29	3.4	54.3	1.3	41.0	89.9				-11.3	-11.6	-11.1
GIW-06	7/18/2016 8:33	3.2	54.1	0.7	42.0	91.5				-10.6	-10.6	-10.2
GIW-06	7/25/2016 11:01	4.3	48.7	3.6	43.4	85.3				-14.6	-14.4	-14.6
GIW-07	7/5/2016 8:59	9.9	53.5	5.1	31.5	95.2		5	1	-1.7	-1.7	-13.1
GIW-07	7/5/2016 9:01	10.0	53.5	5.1	31.4	95.6		2	2	-1.7	-1.7	-12.5
GIW-07	7/11/2016 8:13	8.2	52.8	5.2	33.8	91.7		1	1	-1.5	-1.5	-11.2
GIW-07	7/11/2016 8:19	8.1	51.9	5.3	34.7	93.0		3	2	-1.5	-1.5	-10.6
GIW-07	7/18/2016 8:19	7.9	54.2	5.3	32.6	98.1		3	3	-1.7	-1.7	-10.8
GIW-07	7/18/2016 8:20	8.0	54.8	5.2	32.0	98.6		3	3	-1.7	-1.7	-10.1

July 2016 Wellfield Monitoring Data - Bridgeton Landfill

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		(% vol)				°F		scfm		H ₂ O		
GIW-07	7/25/2016 11:07	5.0	27.1	13.4	54.5	83.8		3	3	-2.5	-2.5	-14.6
GIW-07	7/25/2016 11:08	6.6	37.2	10.8	45.4	84.7		3	3	-2.6	-2.6	-13.7
GIW-08	7/5/2016 8:44	3.5	58.0	4.9	33.6	90.3		5	4	-1.0	-1.0	-13.0
GIW-08	7/11/2016 8:33	3.2	55.6	5.6	35.6	89.7		4	4	-0.9	-0.9	-10.9
GIW-08	7/11/2016 8:39	2.9	52.8	6.5	37.8	90.0		4	4	-0.9	-0.9	-10.8
GIW-08	7/18/2016 8:22	3.7	58.0	4.3	34.0	92.9		3	1	-1.0	-1.0	-10.7
GIW-08	7/25/2016 11:16	4.8	69.4	0.3	25.5	86.6		1	4	-8.3	-8.3	-14.1
GIW-09	7/5/2016 8:39	0.8	43.0	10.4	45.8	87.4				-0.7	-0.7	-11.9
GIW-09	7/5/2016 8:41	1.2	43.5	8.7	46.6	88.4				-0.7	-0.7	-12.5
GIW-09	7/11/2016 8:45	1.6	53.5	4.6	40.3	89.2				-0.6	-0.6	-10.7
GIW-09	7/11/2016 8:51	1.6	50.7	5.7	42.0	88.7				-0.7	-0.6	-10.1
GIW-09	7/18/2016 8:30	1.3	54.8	4.2	39.7	91.7				-0.7	-0.7	-9.6
GIW-09	7/25/2016 11:25	6.5	59.0	0.6	33.9	86.6				-4.2	-4.3	-14.1
GIW-10	7/5/2016 8:37	0.8	55.9	0.0	43.3	84.9		5	4	-0.3	-0.3	-12.1
GIW-10	7/11/2016 11:19	1.8	55.3	0.0	42.9	98.9		4	3	-0.5	-0.5	-11.4
GIW-10	7/11/2016 11:25	1.5	53.2	0.0	45.3	98.7		2	3	-0.4	-0.4	-11.1
GIW-10	7/18/2016 9:46	0.8	56.5	0.0	42.7	100.8		3	3	-0.7	-0.7	-11.1
GIW-10	7/25/2016 14:02	0.5	58.0	0.2	41.3	99.4		3	3	-1.2	-1.2	-13.3
GIW-11	7/5/2016 8:34	5.3	58.4	1.0	35.3	88.8				-1.1	-1.1	-17.7
GIW-11	7/11/2016 10:46	9.2	57.4	1.4	32.0	94.4				-1.2	-1.2	-17.1
GIW-11	7/11/2016 10:53	9.8	58.0	1.4	30.8	94.8				-1.2	-1.2	-17.5
GIW-11	7/18/2016 9:44	6.5	57.8	1.6	34.1	97.9				-1.2	-1.2	-16.8
GIW-11	7/25/2016 13:58	5.9	59.2	1.0	33.9	98.9				-1.3	-1.3	-18.9
GIW-12	7/5/2016 8:30	8.7	47.5	5.8	38.0	89.8				-0.3	-0.3	-13.0
GIW-12	7/5/2016 8:31	8.8	46.8	5.9	38.5	90.5				-0.3	-0.3	-11.8
GIW-12	7/11/2016 10:38	8.9	39.3	7.9	43.9	93.8				-0.3	-0.3	-14.8
GIW-12	7/11/2016 10:43	9.1	38.4	7.9	44.6	93.8				-0.3	-0.3	-12.8
GIW-12	7/18/2016 9:40	6.5	38.7	7.9	46.9	96.9				-0.3	-0.3	-10.7
GIW-12	7/18/2016 9:41	6.6	38.5	7.9	47.0	97.3				-0.3	-0.3	-12.4
GIW-12	7/25/2016 13:52	7.0	39.5	5.6	47.9	96.9				-0.3	-0.3	-15.6
GIW-12	7/25/2016 13:53	7.2	41.5	5.5	45.8	98.1				-0.3	-0.3	-15.2
GIW-13	7/5/2016 8:26	15.2	59.4	0.0	25.4	94.8				-3.7	-3.7	-13.6
GIW-13	7/11/2016 10:27	15.7	60.1	0.0	24.2	97.1				-3.7	-3.6	-11.6
GIW-13	7/11/2016 10:33	15.9	60.3	0.0	23.8	97.1				-3.6	-3.6	-10.5
GIW-13	7/18/2016 9:32	10.8	62.2	0.1	26.9	98.1				-2.4	-2.4	-9.1
GIW-13	7/25/2016 13:47	9.3	64.1	0.0	26.6	96.9				-2.3	-2.3	-8.2
LCS-5A	7/7/2016 17:31	58.7	41.0	0.0	0.3	94.6				-12.2	-12.3	-11.8
LCS-5A	7/12/2016 10:29	58.0	40.5	0.1	1.4	95.3				-12.3	-12.2	-12.6
LCS-5A	7/19/2016 13:35	58.6	40.8	0.0	0.6	95.5				-12.3	-12.3	-12.5
LCS-5A	7/26/2016 10:43	57.4	40.4	0.0	2.2	95.0				-11.6	-12.1	-11.7
LCS-6B	7/7/2016 15:50	53.7	41.7	0.2	4.4	100.1		9	9	-0.9	-0.9	-12.7
LCS-6B	7/11/2016 16:25	53.0	42.4	0.0	4.6	103.1		5	4	-0.6	-0.7	-12.7
LCS-6B	7/19/2016 11:17	50.9	39.4	0.1	9.6	106.7		9	8	-1.2	-1.2	-12.7

July 2016 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H ₂ O		
LCS-6B	7/26/2016 9:31	54.4	38.8	0.0	6.8	103.3		3	0	-1.1	-1.1	-12.2
PGW-60	7/7/2016 15:19	59.0	38.2	0.2	2.6	86.7		13	0	-8.8	-9.8	-8.8
SEW-002	7/20/2016 13:50	0.0	4.1	17.9	78.0	95.5		4	4	-13.1	-13.1	-14.8
SEW-002	7/20/2016 13:51	0.0	5.6	17.5	76.9	97.1		4	3	-13.7	-13.5	-14.2
T-56	7/7/2016 16:12	58.1	38.6	0.1	3.2	81.7		9	9	0.1	0.0	-12.9
T-56	7/7/2016 16:17	58.4	38.6	0.1	2.9	81.5		12	12	0.0	0.0	-12.2

Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)				Temp Trend ><30°F	Comments
	April 2016	May 2016	June 2016	July 2016		
GEW-001	--	--	--	--		
GEW-002	125.4	128.1	127.8	123.9		
GEW-003	121.5	117.3	117.3	117.9		
GEW-004	119.1	122.0	122.6	121.8		
GEW-005	97.6	95.0	98.7	96.7		
GEW-006	93.1	90.8	93.9	91.5		
GEW-007	94.0	97.1	103.4	101.5		
GEW-008	112.5	114.3	114.9	114.8		
GEW-009	124.9	128.6	125.8	125.9		
GEW-010	103.0	98.9	97.5	107.9		
GEW-011	--	--	--	--		
GEW-013A	160.1	156.6	165.5	146.6		
GEW-014A	--	--	--	--		
GEW-015	--	--	--	--		
GEW-016R	--	--	--	--		
GEW-018B	--	--	--	--		
GEW-018R	--	--	--	--		
GEW-019A	--	--	--	--		
GEW-020A	--	--	--	--		
GEW-021A	--	--	--	--		
GEW-022R	192.5	190.2	193.7	--		
GEW-023A	--	--	--	--		
GEW-024A	--	--	--	--		
GEW-025A	--	--	--	--		
GEW-026R	--	--	--	--		
GEW-027A	--	--	--	--		
GEW-028R	189.1	83.4	84.0	96.5		
GEW-029	--	--	--	--		
GEW-030R	--	--	--	--		
GEW-033R	--	--	--	--		
GEW-034	--	--	--	--		
GEW-034A	--	--	--	--		
GEW-035	--	--	--	--		
GEW-036	--	--	--	--		
GEW-037	--	--	--	--		
GEW-038	102.2	105.2	110.6	103.9		
GEW-039	134.7	134.4	136.0	133.1		
GEW-040	92.7	91.7	97.1	98.9		
GEW-041R	105.8	107.1	108.0	107.6		
GEW-042R	110.6	113.7	114.8	112.8		
GEW-043R	137.6	131.0	124.5	124.1		

Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)				Temp Trend ><30°F	Comments
	April 2016	May 2016	June 2016	July 2016		
GEW-044	90.4	90.4	97.2	96.5		
GEW-045R	98.5	91.3	105.2	102.9		
GEW-046R	98.0	100.4	102.2	101.1		
GEW-047R	116.5	114.8	118.1	115.9		
GEW-048	105.1	105.5	107.5	106.5		
GEW-049	110.9	113.8	115.0	111.7		
GEW-050	108.4	107.3	110.3	109.5		
GEW-051	124.3	129.8	131.4	128.4		
GEW-052	113.5	117.1	117.0	116.3		
GEW-053	142.2	142.0	143.0	142.2		
GEW-054	154.9	155.0	154.0	148.6		
GEW-055	128.1	130.0	130.0	129.1		
GEW-056R	157.0	156.5	155.5	164.6		
GEW-057B	127.8	89.3	145.2	130.3		
GEW-057R	146.6	133.7	131.2	125		
GEW-058	183.5	179.8	148.0	186.4		
GEW-058A	89.9	79.2	99.8	148.8		
GEW-059R	191.3	189.6	192.9	189.2		
GEW-061B	--	--	--	--		
GEW-064A	--	--	--	--		
GEW-065A	92.9	81.9	98.4	103.7		
GEW-066	--	--	--	--		
GEW-067A	84.9	179.7	193.7	157.0		
GEW-068A	--	--	--	--		
GEW-069R	--	--	--	--		
GEW-070R	--	--	--	--		
GEW-071	--	--	--	--		
GEW-071B	--	--	--	--		
GEW-072RR	--	--	--	--		
GEW-073R	--	--	--	--		
GEW-075	--	--	--	--		
GEW-076R	--	--	--	--		
GEW-077	--	111.6	120.7	198.9		
GEW-078R	--	191.6	190.2	188.5		
GEW-080	--	95.0	82.3	98.5		
GEW-081	--	125.8	87.6	--		
GEW-082R	194.2	192.1	191.6	192.3		
GEW-083	--	--	--	--		
GEW-084	--	--	--	--		
GEW-085	--	--	--	--		
GEW-086	81.7	64.6	96.2	102.5		

Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)				Temp Trend ><30°F	Comments
	April 2016	May 2016	June 2016	July 2016		
GEW-087	--	--	--	--		
GEW-088	--	--	--	--		
GEW-089	72.4	71.7	99.2	109.5		
GEW-090	185.2	183.0	189.6	183.3		
GEW-091	--	--	--	--		
GEW-100	--	--	--	--		
GEW-101	--	--	--	--		
GEW-102	193.7	192.5	192.3	125.4		
GEW-103	--	--	--	--		
GEW-104	--	110.0	104.5	112.5		
GEW-105	--	69.6	178.7	--		
GEW-106	--	--	--	--		
GEW-107	92.1	77.8	92.3	--		
GEW-108	76.9	78.5	92.8	110.4		
GEW-109	139.7	103.8	111.8	110.9		
GEW-110	113.5	108.2	111.7	113.7		
GEW-112	--	75.5	93.6	110.4		
GEW-113	--	184.7	171.6	173.6		
GEW-116	70.4	71.4	90.8	--		
GEW-117	102.1	87.0	95.3	119.7		
GEW-118	194.3	194.8	200.1	195		
GEW-120	165.5	160.6	146.5	152.1		
GEW-121	175.7	197.9	184.6	180.8		
GEW-122	188.5	168.8	180.4	188.8		
GEW-123	114.2	187.9	187.9	185.2		
GEW-124	67.8	88.1	98.9	92.4		
GEW-125	190.1	190.5	196.0	191.3		
GEW-126	95.6	186.7	185.2	154.5		
GEW-127	178.2	184.1	189.0	187.9		
GEW-128	174.6	177.2	174.8	172.2		
GEW-129	176.2	176.7	104.7	147.4		
GEW-130	182.7	193.7	179.2	176.2		
GEW-131	175.2	181.9	187.7	110.2		
GEW-132	172.7	169.7	166.9	166.1		
GEW-133	60.5	98.3	98.1	96.9		
GEW-134	118.3	135.6	139.8	150.5		
GEW-135	144.4	166.4	176.4	175.7		
GEW-136	112.3	120.2	126.9	121.3		
GEW-137	89.6	103.3	107.5	87		
GEW-138	151.7	137.3	150.5	153.8		
GEW-139	190.2	185.2	180.8	179.3		

Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)				Temp Trend ><30°F	Comments
	April 2016	May 2016	June 2016	July 2016		
GEW-140	161.4	163.6	176.2	167.6		
GEW-141	69.7	104.3	152.1	119.7		
GEW-142	67.1	94.6	97.9	95.3		
GEW-143	64.8	91.1	104.0	92.7		
GEW-144	64.0	102.8	94.4	91.7		
GEW-145	173.1	163.6	166.1	97.7		
GEW-146	79.9	94.1	104.7	100.4		
GEW-147	191.6	189.6	190.2	187.4		
GEW-148	55.5	92.5	99.0	79.5		
GEW-149	131.5	167.4	167.2	141.8		
GEW-150	150.1	159.2	150.3	156.9		
GEW-151	165.9	93.1	157.1	147		
GEW-152	175.7	167.8	182.9	183.9		
GEW-153	151.4	157.9	155.6	143.6		
GEW-154	130.2	151.0	186.4	79.1		
GEW-155	112.5	185.1	127.8	124.9		
GEW-156	88.9	122.1	124.8	115.0		
GEW-157	66.0	93.6	164.3	178.6		
GEW-158	65.7	88.6	91.4	96.2		
GEW-159	154.1	154.1	154.3	150.4		
GEW-160	60.0	186.3	171.1	139.0		
GEW-161	59.0	96.7	109.7	155.4		
GEW-162	178.2	94.8	179.8	79.5		
GEW-163	--	170.0	169.9	173.4		
GEW-164	--	171.6	161.4	100.0		
GEW-165	--	191.6	195.7	192.6		
GEW-166	--	174.7	188.5	175.2		
GEW-167	--	179.8	180.3	178.2		
GEW-168	--	157.0	190.8	184.1		
GEW-169	--	191.4	193.6	183.5		
GEW-170	--	185.8	180.6	172.1		
GEW-171	--	100.4	187.4	176.7		
GEW-172	--	119.9	192.3	185.1		
GEW-173	--	102.6	106.1	120.2		
GEW-174	--	174.6	173.1	156.9		
GEW-175	--	127.8	163.3	139.6		
GEW-176	--	89.5	120.2	169.5		
GEW-1A	--	95.9	113.5	109.5		
GEW-2S	--	99.9	108.0	115.8		
GIW-01	183.5	184.6	171.6	168.8		
GIW-02	84.0	98.4	103.8	100.2		

Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)				Temp Trend ><30°F	Comments
	April 2016	May 2016	June 2016	July 2016		
GIW-03	86.0	94.6	101.0	96.9		
GIW-04	88.4	99.1	106.5	96.6		
GIW-05	86.9	96.0	105.5	95.8		
GIW-06	88.0	99.7	103.5	91.5		
GIW-07	90.1	97.9	107.7	98.6		
GIW-08	92.9	101.8	108.2	92.9		
GIW-09	72.2	106.6	103.8	91.7		
GIW-10	90.3	101.3	106.9	100.8		
GIW-11	96.0	107.7	104.7	98.9		
GIW-12	91.9	99.4	101.1	98.1		
GIW-13	99.4	96.7	106.2	98.1		
LCS-1D	--	--	--	--		
LCS-2D	--	--	--	--		
LCS-3C	--	--	--	--		
LCS-4B	--	--	--	--		
LCS-5A	95.9	95.8	98.7	95.5		
LCS-6B	88.6	96.7	110.2	106.7		
PGW-60	77.5	88.6	78.0	86.7		
SEW-002	85.2	74.3	93.2	97.1		
SEW-012A	--	--	--	--		
SEW-017R	--	--	--	--		
SEW-031R	--	--	--	--		
SEW-032R	--	--	--	--		
SEW-060R	--	--	--	--		
SEW-061R	--	--	--	--		
SEW-062R	--	--	--	--		
SEW-063	--	--	--	--		
SEW-064	--	--	--	--		
SEW-067	--	--	--	--		
SEW-072R	--	--	--	--		
SEW-074	--	--	--	--		
SEW-079R	--	--	--	--		
T-56	60.8	70.0	72.3	81.7		

-- = Indicates no data available.

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		North Quarry						
GEW-002	3/7/2016	56	42	ND	ND	0.04	ND	
GEW-002	4/14/2016	54	42	ND	3.6	ND	ND	
GEW-002	5/13/2016	52	39	2	6.8	ND	ND	See Note 3
GEW-002	6/8/2016	54	42	ND	ND	ND	ND	
GEW-02S	5/13/2016	60	37	ND	ND	ND	ND	
GEW-02S	7/11/2016	62	35	ND	ND	ND	ND	
GEW-003	3/7/2016	54	40	ND	5	0.1	ND	
GEW-003	4/14/2016	45	37	1.9	16	0.1	ND	See Note 3
GEW-003	5/13/2016	52	39	ND	8.2	0.1	ND	
GEW-003	6/8/2016	51	40	ND	8.8	0.1	ND	
GEW-003	7/11/2016	52	39	ND	7.9	0.1	ND	
GEW-004	3/7/2016	56	41	ND	ND	0.1	ND	
GEW-004	4/14/2016	51	39	ND	8.3	0.1	ND	
GEW-004	5/13/2016	50	39	ND	11	0.1	ND	
GEW-004	6/8/2016	52	39	ND	7.5	0.04	ND	
GEW-004	7/11/2016	54	40	ND	4.9	0.1	ND	
GEW-005	3/7/2016	53	38	ND	8	0.1	ND	
GEW-005	4/14/2016	50	37	ND	12	0.1	ND	
GEW-005	5/13/2016	31	27	4	38	0.03	ND	See Note 3
GEW-005	6/8/2016	51	38	ND	9.7	0.05	ND	
GEW-005	7/11/2016	46	35	ND	17	ND	ND	
GEW-006	3/7/2016	56	38	ND	5.4	ND	ND	
GEW-006	5/12/2016	50	37	ND	13	ND	ND	
GEW-006	7/12/2016	55	38	ND	6.4	ND	ND	
GEW-007	3/7/2016	57	41	ND	ND	ND	ND	
GEW-007	5/12/2016	55	39	ND	4.5	ND	ND	
GEW-007	7/12/2016	57	40	ND	ND	ND	ND	
GEW-008	3/7/2016	49	47	ND	ND	1.6	ND	
GEW-008	4/18/2016	49	46	ND	ND	ND	ND	
GEW-008	5/12/2016	50	47	ND	ND	1	ND	
GEW-008	6/9/2016	50	46	ND	ND	1	ND	
GEW-008	7/12/2016	50	47	ND	ND	1.1	ND	
GEW-009	3/7/2016	54	43	ND	ND	0.9	ND	
GEW-009	4/18/2016	50	42	ND	5.7	ND	ND	
GEW-009	5/12/2016	54	42	ND	ND	0.7	ND	
GEW-009	6/9/2016	52	42	ND	5.1	0.7	ND	
GEW-009	7/12/2016	53	43	ND	ND	0.5	ND	
GEW-040	3/7/2016	55	38	ND	5	ND	ND	
GEW-040	4/14/2016	57	40	ND	ND	ND	ND	
GEW-040	5/9/2016	58	40	ND	ND	ND	ND	
GEW-040	6/7/2016	57	40	ND	ND	ND	ND	
GEW-040	7/11/2016	57	40	ND	ND	ND	ND	
GEW-041R	3/7/2016	57	41	ND	ND	ND	ND	
GEW-041R	5/9/2016	57	40	ND	ND	ND	ND	
GEW-041R	7/11/2016	52	36	2.3	9.5	ND	ND	See Note 3
GEW-042R	3/7/2016	56	42	ND	ND	ND	ND	
GEW-042R	4/14/2016	55	43	ND	ND	ND	ND	
GEW-042R	5/18/2016	55	42	ND	ND	ND	ND	
GEW-042R	6/7/2016	56	42	ND	ND	ND	ND	
GEW-042R	7/11/2016	56	42	ND	ND	ND	ND	
GEW-043R	3/7/2016	55	43	ND	ND	0.05	ND	
GEW-043R	5/9/2016	55	41	ND	3.3	0.2	ND	
GEW-043R	7/11/2016	55	42	ND	ND	0.3	ND	
GEW-044	3/7/2016	58	40	ND	ND	ND	ND	
GEW-044	5/9/2016	51	35	ND	ND	ND	ND	

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
							(ppm)	
		(%)						
GEW-044	7/11/2016	57	40	ND	ND	ND	ND	
GEW-045R	3/7/2016	58	40	ND	ND	ND	ND	
GEW-045R	4/14/2016	53	43	ND	3.3	ND	ND	
GEW-045R	5/9/2016	53	40	ND	5.5	ND	ND	
GEW-045R	6/7/2016	54	41	ND	4.2	ND	ND	
GEW-045R	7/11/2016	55	41	ND	ND	ND	ND	
GEW-046R	3/7/2016	55	40	ND	4.4	0.1	ND	
GEW-046R	4/14/2016	50	39	ND	10	0.1	ND	
GEW-046R	5/13/2016	52	39	ND	7.9	0.1	ND	
GEW-046R	6/7/2016	54	40	ND	4.6	0.1	ND	
GEW-046R	7/11/2016	41	30	5.5	23	0.1	ND	See Note 3
GEW-047R	3/7/2016	52	39	ND	8.1	0.1	ND	
GEW-047R	4/14/2016	54	42	ND	ND	0.1	ND	
GEW-047R	5/13/2016	41	33	3.1	23	0.1	ND	See Note 3
GEW-047R	6/8/2016	51	39	ND	8	ND	ND	
GEW-047R	7/11/2016	49	38	ND	11	0.1	ND	
GEW-048	3/7/2016	57	40	ND	ND	ND	ND	
GEW-048	4/14/2016	53	38	ND	8.5	ND	ND	
GEW-048	5/13/2016	53	39	ND	7.3	0.04	ND	
GEW-048	6/8/2016	55	39	ND	4.9	ND	ND	
GEW-048	7/12/2016	55	39	ND	4.8	0.03	ND	
GEW-049	3/7/2016	57	40	ND	ND	0.1	ND	
GEW-049	4/14/2016	55	38	ND	5.3	0.1	ND	
GEW-049	5/13/2016	48	36	ND	15	0.05	ND	
GEW-049	6/8/2016	51	37	ND	11	0.05	ND	
GEW-049	7/12/2016	46	36	ND	16	ND	ND	
GEW-050	3/7/2016	56	39	ND	4.6	0.1	ND	
GEW-050	5/12/2016	54	37	ND	7.5	ND	ND	
GEW-050	7/12/2016	57	39	ND	3.5	0.1	ND	
GEW-051	3/7/2016	55	42	ND	ND	1.2	ND	
GEW-051	5/13/2016	55	41	ND	ND	1.1	ND	
GEW-051	7/12/2016	56	42	ND	ND	0.9	ND	
GEW-052	3/7/2016	53	38	ND	8.9	0.1	ND	
GEW-052	5/12/2016	54	38	ND	7	0.04	ND	
GEW-052	7/12/2016	54	40	ND	6	ND	ND	
GEW-053	3/7/2016	49	41	ND	ND	5.7	65	
GEW-053	4/14/2016	49	42	ND	ND	6.1	81	
GEW-053	5/13/2016	50	42	ND	ND	4.7	66	
GEW-053	6/8/2016	50	42	ND	ND	5.6	68	
GEW-053	7/12/2016	48	45	ND	ND	5.5	65	
GEW-054	3/7/2016	53	43	ND	ND	3.1	34	
GEW-054	4/14/2016	51	42	ND	ND	4.9	41	
GEW-054	5/13/2016	49	42	ND	ND	5	42	
GEW-054	6/8/2016	51	42	ND	ND	4.9	42	
GEW-054	7/12/2016	52	42	ND	ND	4.2	33	
GEW-055	3/7/2016	54	43	ND	ND	1.1	ND	
GEW-055	4/14/2016	52	41	ND	4.1	1.2	ND	
GEW-055	5/13/2016	53	43	ND	ND	1.4	ND	
GEW-055	6/8/2016	53	42	ND	ND	1.4	ND	
GEW-055	7/12/2016	53	43	ND	ND	1.4	ND	

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 Envirosonic meter, it was determined there is a sample train leak.

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)						
South Quarry								
GEW-010	3/3/2016	38	50	ND	9.2	1.7	130	
GEW-010	4/13/2016	41	53	ND	4.3	1	110	
GEW-010	5/12/2016	44	49	ND	5.1	0.6	76	
GEW-010	6/6/2016	53	43	ND	ND	0.2	ND	
GEW-010	7/11/2016	46	49	ND	3.3	0.3	37	
GEW-022R	3/9/2016	0.7	65	ND	ND	30	4,300	
GEW-022R	5/10/2016	0.4	56	3.4	12	26	4,000	
GEW-028R	3/9/2016	0.1	61	ND	ND	34	4,300	
GEW-028R	5/10/2016	0.1	45	4.6	17	31	3,800	
GEW-028R	7/14/2016	0.2	50	2.5	9.2	33	3,800	See Note 4
GEW-038	3/3/2016	0.3	44	7.4	27	21	2,500	
GEW-038	4/13/2016	0.4	35	9.6	35	19	2,200	See Note 4
GEW-038	5/12/2016	0.5	49	4.6	17	27	3,100	See Note 4
GEW-038	6/6/2016	0.5	57	3.7	13	24	3,300	See Note 4
GEW-038	7/11/2016	0.5	51	4.3	16	27	2,700	See Note 4
GEW-039	3/3/2016	39	56	ND	ND	2	160	
GEW-039	4/13/2016	37	59	ND	ND	2.8	230	
GEW-039	5/12/2016	35	52	ND	10	1.3	120	
GEW-039	6/6/2016	42	54	ND	ND	1.1	91	
GEW-039	7/11/2016	36	53	ND	8.7	1.5	110	
GEW-056R	3/3/2016	17	39	ND	32	11	610	
GEW-056R	4/13/2016	12	39	ND	35	13	750	
GEW-056R	5/12/2016	12	39	ND	36	11	640	
GEW-056R	6/6/2016	16	49	ND	24	9	680	
GEW-056R	7/11/2016	13	49	ND	19	17	770	
GEW-057R	5/9/2016	10	48	3.9	24	13	1,400	See Note 4
GEW-057R	7/14/2016	14	34	3.8	44	4.3	320	See Note 4
GEW-058	5/9/2016	5	51	1.7	6.9	34	2,200	See Note 4
GEW-058	7/17/2016	1.7	48	2.5	12	33	1,800	See Note 4
GEW-058A	3/9/2016	0.5	43	4.9	18	33	2,100	
GEW-058A	5/9/2016	0.4	38	6.3	23	32	2,000	See Note 4
GEW-058A	7/14/2016	15	42	3.2	14	24	1,400	See Note 4
GEW-059R	3/9/2016	1.3	50	ND	4.4	42	2,000	
GEW-059R	5/9/2016	0.9	50	ND	ND	45	2,600	
GEW-059R	7/14/2016	3.8	50	ND	ND	41	1,600	
GEW-065A	5/9/2016	1.1	17	14	57	9.9	760	See Note 4
GEW-082R	3/9/2016	0.8	54	ND	ND	40	2,000	
GEW-082R	5/10/2016	14	49	ND	ND	33	1,300	
GEW-082R	7/14/2016	2.3	48	1.8	6.4	40	1,800	See Note 3
GEW-086	5/10/2016	5.7	48	ND	3.7	41	2,300	
GEW-086	7/14/2016	8.2	49	ND	ND	38	1,300	
GEW-090	3/9/2016	7.3	49	ND	ND	39	2,100	
GEW-090	5/10/2016	0.9	56	ND	4.1	36	2,100	
GEW-090	7/14/2016	15	46	ND	ND	35	1,600	
GEW-102	3/9/2016	1.3	56	ND	3.4	36	1,400	
GEW-102	5/9/2016	2.4	54	1.7	6	33	1,300	
GEW-107	5/10/2016	0.4	60	ND	3.8	33	3,000	
GEW-109	3/3/2016	11	46	2.9	21	19	1,100	
GEW-109	4/13/2016	10	52	ND	9.7	26	1,600	
GEW-109	5/12/2016	11	53	ND	13	22	1,100	
GEW-109	6/6/2016	11	63	ND	3.3	20	1,600	
GEW-109	7/11/2016	6.3	32	8.5	37	15	720	See Note 3
GEW-110	3/3/2016	2	36	8	32	21	1,200	
GEW-110	4/13/2016	9.7	35	5	38	11	870	See Note 4
GEW-110	5/12/2016	1	12	16	67	4.6	340	See Note 4

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)						
GEW-110	6/6/2016	15	36	3.2	42	2.9	300	See Note 4
GEW-110	7/11/2016	12	34	3.6	43	6.9	410	See Note 4
GEW-116	5/10/2016	3.3	61	2.3	8.4	24	2,200	See Note 4
GEW-117	5/10/2016	7.5	63	ND	4.8	22	2,300	
GEW-117	7/14/2016	5.6	66	ND	ND	23	2,100	
GEW-118	5/10/2016	1.6	49	1.8	6.2	40	2,200	See Note 3
GEW-118	7/14/2016	1.7	52	2.2	9.6	32	1,500	See Note 4
GEW-120	3/2/2016	13	60	1.6	14	11	950	
GEW-120	5/11/2016	16	59	1.9	14	7.7	470	See Note 4
GEW-120	7/12/2016	15	57	ND	21	6.2	300	
GEW-121	3/2/2016	4.5	61	ND	ND	31	2,600	
GEW-121	5/11/2016	6.6	56	ND	4.6	30	2,200	
GEW-121	7/12/2016	6.9	57	ND	4.8	29	1,800	
GEW-122	3/2/2016	5.2	56	ND	3.1	34	2,900	
GEW-122	5/11/2016	14	53	ND	8.7	23	2,100	
GEW-122	7/12/2016	11	53	ND	3.2	30	2,200	
GEW-123	5/11/2016	4	59	ND	ND	31	3,400	
GEW-123	7/12/2016	5	60	ND	ND	30	2,700	
GEW-124	3/2/2016	7.2	63	ND	2.9	26	1,800	
GEW-124	5/11/2016	0.1	5.9	20	71	2.1	220	See Note 4
GEW-124	7/12/2016	10	61	ND	ND	23	1,900	
GEW-125	5/11/2016	0.5	60	ND	ND	36	3,300	
GEW-125	7/13/2016	0.6	58	ND	ND	37	2,800	
GEW-126	3/2/2016	10	56	ND	ND	30	3,200	
GEW-126	5/10/2016	11	54	ND	4.3	28	3,200	
GEW-126	7/13/2016	15	51	ND	3.8	27	2,600	
GEW-127	3/2/2016	1.3	61	1.6	5.6	29	4,100	
GEW-127	5/10/2016	0.8	65	ND	ND	30	5,100	
GEW-127	7/13/2016	1.9	65	ND	ND	28	3,900	
GEW-128	3/2/2016	6.5	66	ND	ND	25	2,800	
GEW-128	5/10/2016	3.4	61	ND	ND	32	3,400	
GEW-128	7/13/2016	8.2	63	ND	ND	25	2,600	
GEW-129	3/2/2016	5.4	59	ND	ND	32	3,000	
GEW-129	5/10/2016	1.8	58	ND	5.8	31	3,400	
GEW-129	7/13/2016	2	57	2.5	8.8	29	2,800	See Note 3
GEW-130	5/10/2016	0.3	58	ND	ND	38	4,400	
GEW-130	7/13/2016	3.6	53	3.6	13	25	3,000	See Note 4
GEW-131	3/2/2016	10	47	3.4	12	27	2,200	
GEW-131	5/11/2016	20	49	ND	ND	28	2,300	
GEW-131	7/13/2016	0.3	54	ND	ND	42	3,400	
GEW-132	3/2/2016	7.4	49	3.4	19	20	1,700	
GEW-132	5/11/2016	8.7	45	4.3	29	12	880	
GEW-132	7/12/2016	10	46	3.3	24	15	890	See Note 4
GEW-133	5/11/2016	0.2	12	17	62	8.6	750	See Note 4
GEW-134	5/12/2016	5.7	25	13	52	4.8	400	See Note 4
GEW-134	7/7/2016	7	30	8.4	49	5.1	330	See Note 4
GEW-135	5/12/2016	4.1	31	9	40	15	910	See Note 4
GEW-135	7/7/2016	5.2	46	4.2	17	26	1,200	See Note 4
GEW-136	5/12/2016	3.8	23	12	55	5.9	360	See Note 4
GEW-137	3/4/2016	14	44	ND	39	1	ND	
GEW-137	5/12/2016	11	31	2.2	56	0.1	ND	See Note 3
GEW-137	7/7/2016	16	35	1.7	47	0.1	ND	See Note 3
GEW-138	3/4/2016	14	65	ND	7.8	12	1,300	
GEW-138	5/12/2016	5.1	29	5.0	58	2.5	320	See Note 4
GEW-138	7/12/2016	3.1	26	5.9	57	6.9	520	See Note 4
GEW-139	3/4/2016	1	60	ND	ND	35	4,000	

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)						
GEW-139	5/12/2016	1.1	41	6.7	26	25	2,700	See Note 4
GEW-139	7/13/2016	2.7	52	2.3	9.2	32	3,000	See Note 4
GEW-140	3/4/2016	9.4	58	ND	3.7	28	2,000	
GEW-140	5/12/2016	7.6	39	6.8	29	17	1,600	See Note 4
GEW-141	3/4/2016	1.3	62	ND	ND	32	3,900	
GEW-141	5/10/2016	0.4	59	ND	ND	34	3,800	
GEW-141	7/14/2016	0.2	54	2.5	8.7	33	3,400	See Note 3
GEW-143	5/18/2016	0.2	37	7.3	27	28	2,800	See Note 4
GEW-144	5/18/2016	0.7	51	3.3	12	31	2,900	See Note 4
GEW-145	3/4/2016	4	56	ND	3.5	35	2,400	
GEW-145	5/18/2016	1.3	54	ND	4.6	37	2,900	
GEW-146	5/12/2016	2.8	14	13	69	0.6	97	See Note 4
GEW-147	3/9/2016	10	49	ND	6.8	32	1,900	
GEW-147	5/12/2016	8.9	50	1.9	8.7	30	1,700	See Note 3
GEW-147	7/7/2016	9.9	48	2.6	9.5	29	1,400	See Note 4
GEW-148	5/12/2016	3.5	46	4.4	16	29	2,400	See Note 3
GEW-149	3/9/2016	6.8	35	8.5	38	11	970	See Note 4
GEW-149	5/12/2016	8	43	5.6	27	15	1,400	See Note 4
GEW-150	3/9/2016	4	27	12	45	11	830	
GEW-150	5/12/2016	10	55	2.9	12	19	1,800	See Note 4
GEW-150	7/12/2016	12	46	5.4	23	12	920	See Note 4
GEW-151	5/12/2016	0.2	6.9	19	68	6.3	570	See Note 4
GEW-151	7/6/2016	11	36	5.5	39	8.5	550	See Note 4
GEW-152	3/9/2016	6.2	47	2.2	7.9	35	2,800	
GEW-152	5/18/2016	7.4	50	ND	5	36	3,100	
GEW-152	7/12/2016	11	51	ND	ND	33	2,200	
GEW-153	3/9/2016	23	45	ND	12	18	810	
GEW-153	5/13/2016	21	47	ND	7.7	23	1,100	
GEW-153	7/12/2016	29	43	ND	12	13	430	
GEW-154	3/9/2016	14	24	11	45	5.7	270	
GEW-154	5/12/2016	11	27	9.9	40	12	840	See Note 4
GEW-155	3/9/2016	7.9	37	8.9	41	4.8	430	
GEW-155	5/12/2016	4.3	34	6.1	41	4.3	700	See Note 3
GEW-155	5/18/2016	4.4	48	ND	19	27	1,300	
GEW-156	5/12/2016	6.3	20	12	60	1.5	230	See Note 4
GEW-157	7/12/2016	0.7	56	ND	ND	39	3,100	
GEW-158	5/18/2016	0.8	45	4.9	19	30	1,900	See Note 4
GEW-158	7/12/2016	21	56	ND	ND	19	1,100	
GEW-159	3/9/2016	13	43	ND	35	7.8	660	
GEW-159	5/13/2016	16	51	ND	22	8.2	590	
GEW-159	7/14/2016	19	55	ND	16	8.1	500	
GEW-160	5/12/2016	3	54	1.8	6.6	33	2,800	See Note 3
GEW-160	7/6/2016	4.1	57	ND	3.4	33	2,400	
GEW-161	5/12/2016	1.3	28	4.3	25	40	3,000	See Note 4
GEW-161	7/6/2016	0.5	54	ND	3.5	39	2,700	
GEW-162	5/12/2016	15	56	3.6	13	11	940	See Note 3
GEW-162	7/6/2016	22	65	2.2	8.3	1.5	140	See Note 4
GEW-163	5/11/2016	6.8	47	6.2	27	11	1,300	See Note 4
GEW-163	7/12/2016	7.7	48	5.7	26	12	1,000	See Note 4
GEW-164	5/11/2016	6.3	73	1.8	6.6	11	1,800	See Note 4
GEW-164	7/12/2016	3.7	72	ND	3.5	19	2,200	
GEW-165	5/11/2016	1	69	ND	3.9	22	4,400	
GEW-165	7/12/2016	1.1	67	ND	ND	27	3,300	
GEW-166	5/11/2016	1.4	56	1.8	7	31	3,800	See Note 4
GEW-166	7/12/2016	7.5	48	3.1	17	23	2,200	See Note 4
GEW-167	5/11/2016	4.2	35	7.9	34	18	1,600	See Note 4

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)						
GEW-167	7/13/2016	5.3	38	5.4	34	17	1,300	See Note 4
GEW-168	5/11/2016	0.4	67	ND	ND	27	4,400	
GEW-168	7/13/2016	0.4	59	ND	ND	35	3,600	
GEW-169	5/10/2016	0.2	63	ND	3.9	30	5,000	
GEW-169	7/13/2016	6	61	1.6	6.1	24	3,100	See Note 4
GEW-170	5/10/2016	0.8	65	ND	ND	30	4,500	
GEW-170	7/13/2016	6.9	59	2.3	8.8	22	2,900	See Note 4
GEW-171	5/18/2016	1.3	47	5.2	19	27	2,800	See Note 4
GEW-171	7/14/2016	5.5	60	ND	ND	30	2,700	
GEW-172	5/18/2016	0.2	47	2.3	8	41	3,500	See Note 4
GEW-172	7/14/2016	0.2	53	ND	ND	41	3,500	
GEW-173	5/12/2016	12	47	2.9	22	15	1,800	See Note 4
GEW-173	7/13/2016	9.6	34	6.2	42	7.4	780	See Note 4
GEW-174	5/12/2016	10	50	ND	17	21	1,700	
GEW-174	7/12/2016	9.2	38	5.2	32	15	1,100	See Note 4
GEW-175	5/18/2016	16	50	4.2	19	11	980	See Note 4
GEW-175	7/12/2016	20	56	1.8	9.5	11	770	See Note 4
GEW-176	5/18/2016	6.5	61	ND	ND	30	2,700	
GEW-176	7/12/2016	12	63	ND	ND	21	1,400	
GIW-01	3/3/2016	2.3	70	ND	ND	23	2,500	
GIW-01	4/13/2016	2	68	ND	ND	26	2,800	
GIW-01	5/10/2016	2.2	67	ND	ND	26	2,700	
GIW-01	6/6/2016	1.7	60	2.7	9.4	25	2,900	See Note 4
GIW-01	7/11/2016	1.6	59	3.3	12	23	2,300	See Note 4
GIW-02	3/3/2016	6.3	30	11	48	3.9	290	
GIW-02	4/13/2016	5.5	35	9.2	42	8.6	660	See Note 4
GIW-02	5/10/2016	5.1	42	6.7	31	14	1,200	See Note 4
GIW-02	6/6/2016	7.7	53	3.2	17	19	1,300	See Note 4
GIW-02	7/11/2016	7.2	48	4.8	26	13	890	See Note 4
GIW-03	3/3/2016	0.1	8.2	19	69	2.9	460	
GIW-03	4/13/2016	0.6	65	ND	ND	32	3,400	
GIW-03	5/10/2016	0.5	58	3.1	11	26	3,300	See Note 4
GIW-03	6/6/2016	0.5	66	ND	ND	31	4,000	
GIW-03	7/11/2016	0.6	57	3.5	12	26	2,500	See Note 4
GIW-04	3/3/2016	0.4	42	3.5	12	41	1,700	
GIW-04	4/13/2016	0.2	13	17	60	10	690	See Note 4
GIW-04	5/10/2016	0.6	36	6.2	23	33	1,900	See Note 4
GIW-04	6/6/2016	0.4	35	7.7	28	28	2,100	See Note 4
GIW-04	7/11/2016	0.8	57	ND	ND	38	2,700	
GIW-05	3/3/2016	2.8	56	1.5	5.4	33	1,500	
GIW-05	4/13/2016	4.9	56	ND	5.5	31	1,500	
GIW-05	5/10/2016	1.6	59	ND	ND	36	1,700	
GIW-05	6/6/2016	1.6	59	ND	ND	35	1,800	
GIW-05	7/11/2016	4.1	42	6.7	24	22	870	See Note 3
GIW-06	3/2/2016	1.1	61	ND	4.1	31	1,500	
GIW-06	4/13/2016	1.2	58	ND	4.8	34	1,300	
GIW-06	5/11/2016	1	49	3.6	13	32	1,200	See Note 4
GIW-06	6/6/2016	1.2	56	ND	5.8	34	1,500	
GIW-06	7/11/2016	2.9	52	2.9	15	26	910	See Note 4
GIW-07	3/2/2016	19	42	6.9	25	7.2	710	
GIW-07	4/13/2016	9.3	42	8.1	30	11	1,300	See Note 4
GIW-07	5/12/2016	9	37	9.8	36	7.5	890	See Note 4
GIW-07	6/6/2016	9.6	60	2.8	10	17	1,800	See Note 4
GIW-07	7/11/2016	7.7	57	5.3	19	10	1,000	See Note 4
GIW-08	3/2/2016	19	66	ND	12	1.7	290	
GIW-08	4/13/2016	17	51	ND	28	1.6	250	

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)						
GIW-08	5/12/2016	16	70	ND	6.7	6.3	690	
GIW-08	6/6/2016	2.5	51	8.5	31	8.8	1,400	See Note 3
GIW-08	7/11/2016	2.6	52	7.3	26	11	1,200	See Note 4
GIW-09	3/2/2016	2.4	17	15	60	5.4	400	
GIW-09	4/13/2016	1.4	9.9	17	68	2.7	270	See Note 4
GIW-09	5/12/2016	1.5	25	11	56	5.9	480	See Note 4
GIW-09	6/6/2016	2	20	14	56	7.5	570	See Note 4
GIW-09	7/11/2016	1.2	47	6.7	26	18	1,300	See Note 4
GIW-10	3/3/2016	5.6	47	ND	15	31	1,700	
GIW-10	4/13/2016	6.8	49	ND	14	29	2,000	
GIW-10	5/12/2016	3.1	50	ND	11	35	2,100	
GIW-10	6/6/2016	0.5	52	ND	ND	44	2,700	
GIW-10	7/11/2016	0.4	53	ND	ND	43	2,400	
GIW-11	3/3/2016	5.7	40	5.2	34	15	1,600	
GIW-11	4/13/2016	4.7	49	4.3	23	18	2,100	See Note 4
GIW-11	5/12/2016	5.5	48	4.3	24	17	1,900	See Note 4
GIW-11	6/6/2016	2.8	64	ND	ND	30	3,100	
GIW-11	7/11/2016	5.4	59	2	12	20	2,000	See Note 4
GIW-12	3/3/2016	8	25	8.5	54	4.3	340	
GIW-12	4/13/2016	8.5	31	6.4	46	6.9	570	See Note 4
GIW-12	5/12/2016	0.7	38	9.5	35	16	1,800	See Note 4
GIW-12	6/6/2016	1.3	56	2.8	13	26	2,500	See Note 4
GIW-12	7/11/2016	5.8	36	8.1	40	9.3	740	See Note 4
GIW-13	3/3/2016	8.7	62	ND	7.6	21	1,700	
GIW-13	4/13/2016	9.9	62	ND	7.7	20	1,600	
GIW-13	5/12/2016	9.5	64	ND	4.6	21	1,500	
GIW-13	6/6/2016	5.7	66	ND	ND	26	2,000	
GIW-13	7/11/2016	11	64	ND	ND	20	1,300	
Flare Station ²	3/2/2016	10.7	34.6	8.8	35.3	9.6	910	See Note 7
Flare Station ²	4/12/2016	8.2	37	8.1	35.0	10.5	1,050	See Note 6
Flare Station ²	5/3/2016	9.2	41.3	6.3	29.5	12.4	1,200	See Note 6
Flare Station ²	6/7/2016	8.8	40.3	6.9	30.5	12.1	1,200	See Note 6
Flare Station ²	7/6/2016	9.5	41.2	6.5	29.0	12.1	1,100	See Note 7
Flare Station ²	8/9/2016	10.1	39.3	6.8	30.7	11.4	1,100	See Note 6

Notes: (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 FL-100, FL-120, and FL-140. (6) Flare station gas concentration data is an average of Outlets 1 & 2. (7) Flare station gas concentration based on data from Outlet B.

ND = Analyte not detected in sample.

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