June 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_2O		
GEW-002	6/8/2016 8:28	53.9	42.1	0.0	4.0	127.8		0	0	-0.1	-0.1	-13.6
GEW-002	6/8/2016 8:36	55.1	41.5	0.0	3.4	127.8		0	0	-0.2	-0.1	-14.0
GEW-002	6/14/2016 11:21	58.6	37.5	0.0	3.9	126.9		28	28	-0.8	-0.9	-12.2
GEW-002	6/20/2016 9:24	55.9	40.0	0.0	4.1	126.1		50	53	-1.1	-1.2	-12.7
GEW-002	6/27/2016 14:42	58.7	36.4	0.2	4.7	125.0		57	60	-1.4	-1.6	-13.4
GEW-003	6/1/2016 9:31	42.7	35.1	0.0	22.2	116.0		72	69	-6.2	-6.2	-9.7
GEW-003	6/1/2016 9:38	44.0	34.1	1.0	20.9	110.5		6	6	-3.0	-3.0	-11.9
GEW-003	6/8/2016 9:00	51.2	41.1	0.0	7.7	110.2		0	0	0.1	0.1	-13.4
GEW-003	6/8/2016 9:08	50.9	40.2	0.0	8.9	116.0		0	0	0.0	0.0	-13.3
GEW-003	6/14/2016 11:26	49.9	39.5	0.0	10.6	117.1		9	9	0.0	0.0	-12.3
GEW-003	6/20/2016 9:40	54.4	41.9	0.0	3.7	93.1		8	8	0.4	0.4	-12.4
GEW-003	6/20/2016 9:43	54.6	41.2	0.0	4.2	95.0		13	13	0.3	0.3	-12.3
GEW-003	6/27/2016 14:47	52.1	41.3	0.3	6.3	115.8		8	9	0.3	0.3	-13.2
GEW-003	6/27/2016 14:49	52.0	40.8	0.3	6.9	117.3		24	31	0.0	0.0	-12.4
GEW-004	6/1/2016 9:41	40.5	33.7	0.0	25.8	120.2		0	4	-2.2	-2.2	-11.9
GEW-004	6/1/2016 9:43	39.3	35.6	0.0	25.1	116.8		3	3	-1.9	-1.9	-12.2
GEW-004	6/8/2016 9:16	52.5	41.2	0.0	6.3	95.0		0	0	0.1	0.1	-13.1
GEW-004	6/8/2016 9:23	53.0	40.3	0.0	6.7	104.0		0	0	0.0	0.0	-12.8
GEW-004	6/14/2016 11:28	53.0	39.8	0.0	7.2	112.0		36	36	0.2	0.2	-12.4
GEW-004	6/14/2016 11:31	54.0	40.5	0.0	5.5	113.7		33	32	-0.1	0.0	-11.7
GEW-004	6/20/2016 9:47	51.0	39.8	0.0	9.2	116.0		8	8	0.2	0.2	-12.6
GEW-004	6/20/2016 9:47	50.8	39.8	0.0	9.4	117.2		10	12	0.1	0.1	-12.6
GEW-004	6/27/2016 14:52	52.6	39.8	0.3	7.3	121.5		0	0	0.2	0.2	-12.1
GEW-004	6/27/2016 14:56	52.5	40.3	0.3	6.9	122.6		0	0	0.0	0.0	-12.6
GEW-005	6/1/2016 9:52	24.2	29.7	0.0	46.1	91.0		22	25	-1.3	-1.3	-11.9
GEW-005	6/1/2016 9:54	24.3	29.1	0.0	46.6	89.6		0	0	-1.0	-0.9	-12.4
GEW-005	6/8/2016 9:47	50.5	39.6	0.0	9.9	86.0		0	0	0.1	0.1	-12.4
GEW-005	6/8/2016 9:55	49.3	39.4	0.0	11.3	96.0		0	0	0.0	0.0	-13.0
GEW-005	6/14/2016 11:41	50.1	38.5	0.0	11.4	96.2		0	0	0.1	0.1	-11.7
GEW-005	6/14/2016 11:43	50.2	38.2	0.0	11.6	97.5		0	0	0.0	-0.1	-12.1
GEW-005	6/20/2016 10:00	48.8	36.3	0.0	14.9	97.9		13	12	0.1	0.1	-12.3
GEW-005	6/20/2016 10:01	48.8	36.3	0.0	14.9	98.2		16	15	0.1	0.1	-12.5
GEW-005	6/27/2016 15:11	49.0	36.7	0.3	14.0	98.7		15	14	0.1	0.0	-13.1
GEW-005	6/27/2016 15:12	49.0	36.5	0.3	14.2	98.7		16	18	0.0	0.0	-12.9
GEW-006	6/1/2016 10:02	45.2	36.6	0.0	18.2	87.3		17	18	-1.1	-1.1	-12.2
GEW-006	6/1/2016 10:04	43.8	35.1	0.0	21.1	86.8		9	12	-0.8	-0.8	-12.5
GEW-006	6/8/2016 10:40	50.5	39.3	0.0	10.2	93.0		12	13	-0.1	-0.1	-12.5
GEW-006	6/14/2016 11:51	55.5	38.5	0.0	6.0	92.8		0	0	0.1	0.1	-11.6
GEW-006	6/14/2016 11:53	56.0	38.6	0.0	5.4	93.1		16	8	0.0	-0.1	-12.0
GEW-006	6/20/2016 10:07	53.8	37.2	0.0	9.0	92.1		15	17	-0.1	-0.1	-12.6
GEW-006	6/27/2016 16:37	55.7	38.4	0.2	5.7	93.9		18	16	-0.1	-0.1	-13.3
GEW-007	6/1/2016 11:24	56.9	40.2	0.0	2.9	97.9		8	8	-2.7	-2.7	-12.9
GEW-007	6/1/2016 11:26	57.1	40.2	0.0	2.7	97.7		8	4	-2.0	-2.0	-12.8

June 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_2O		
GEW-007	6/8/2016 12:22	55.7	41.5	0.1	2.7	100.0		4	8	-0.9	-0.9	-12.5
GEW-007	6/15/2016 8:38	56.6	40.6	0.0	2.8	97.9		31	31	-1.2	-1.2	-12.5
GEW-007	6/20/2016 8:13	57.7	40.3	0.1	1.9	97.5		11	10	-1.2	-1.2	-13.2
GEW-007	6/27/2016 17:42	55.6	42.3	0.2	1.9	103.4		12	11	-0.8	-0.8	-12.7
GEW-008	6/1/2016 11:30	50.1	43.9	0.0	6.0	113.7		20	22	-1.5	-1.5	-12.9
GEW-008	6/1/2016 11:32	49.5	45.7	0.0	4.8	113.3		12	15	-0.9	-0.9	-12.9
GEW-008	6/9/2016 9:07	50.7	46.1	0.0	3.2	111.6		19	17	-0.3	-0.3	-13.1
GEW-008	6/9/2016 9:14	50.6	46.8	0.0	2.6	111.8		35	34	-0.3	-0.3	-12.6
GEW-008	6/15/2016 8:33	50.1	44.4	0.0	5.5	113.5		16	15	-0.4	-0.4	-12.4
GEW-008	6/20/2016 8:16	50.3	45.7	0.1	3.9	112.5		16	18	-0.4	-0.4	-12.6
GEW-008	6/27/2016 17:39	50.7	44.4	0.3	4.6	114.9		13	17	-0.3	-0.3	-12.7
GEW-009	6/1/2016 11:35	48.8	41.8	0.0	9.4	122.3		35	41	-0.4	-0.4	-17.1
GEW-009	6/1/2016 11:36	49.3	41.8	0.0	8.9	122.3		10	14	-0.4	-0.4	-17.2
GEW-009	6/9/2016 9:20	52.2	43.2	0.0	4.6	122.9		18	18	-0.2	-0.2	-16.6
GEW-009	6/9/2016 9:27	52.6	42.5	0.0	4.9	122.7		13	13	-0.2	-0.2	-16.8
GEW-009	6/15/2016 8:28	52.3	42.0	0.0	5.7	125.3		0	0	-0.3	-0.3	-16.5
GEW-009	6/20/2016 8:20	52.1	42.3	0.0	5.6	123.7		28	30	-0.2	-0.2	-17.3
GEW-009	6/27/2016 17:36	52.2	42.1	0.3	5.4	125.8		13	14	-0.2	-0.2	-18.4
GEW-010	6/6/2016 13:41	55.1	44.9	0.0	0.0	97.5		4	4	-0.8	-0.8	-17.4
GEW-010	6/6/2016 13:46	56.6	43.0	0.0	0.4	97.5		4	4	-0.6	-0.6	-16.3
GEW-010	6/13/2016 9:55	50.5	43.7	0.2	5.6	96.5		1	3	-2.0	-2.0	-15.7
GEW-010	6/13/2016 10:00	51.1	43.2	0.1	5.6	95.8		3	3	-1.0	-1.0	-16.2
GEW-010	6/20/2016 9:10	52.9	45.4	0.3	1.4	89.9		2	2	-1.2	-1.2	-17.3
GEW-010	6/28/2016 9:11	52.5	43.9	0.0	3.6	90.5		2	2	-1.4	-1.4	-17.3
GEW-013A	6/8/2016 10:40	7.9	39.7	4.9	47.5	165.5				-0.8	-1.5	-10.2
GEW-013A	6/8/2016 10:41	8.1	40.8	4.9	46.2	165.5				-0.9	-1.0	-10.1
GEW-022R	6/2/2016 12:18	0.7	55.8	4.1	39.4	193.7		29	31	-1.1	-1.6	-1.5
GEW-022R	6/2/2016 12:19	0.4	52.2	4.2	43.2	193.7		32	21	-1.8	-0.9	-2.0
GEW-028R	6/3/2016 11:19	0.1	50.5	2.8	46.6	83.3				-14.1	-14.0	-14.0
GEW-028R	6/3/2016 11:22	0.2	51.8	2.7	45.3	84.0				-13.9	-14.1	-14.0
GEW-038	6/6/2016 11:33	0.6	53.0	3.4	43.0	98.1		6	8	-1.4	-1.3	-14.1
GEW-038	6/6/2016 11:38	0.2	48.7	3.4	47.7	100.0		10	7	-1.0	-0.9	-14.6
GEW-038	6/13/2016 10:51	0.8	52.3	4.6	42.3	109.2		12	7	-0.5	-0.6	-11.0
GEW-038	6/13/2016 10:53	0.6	51.6	4.4	43.4	110.6		9	7	-0.7	-0.5	-10.7
GEW-038	6/20/2016 8:55	0.8	53.5	4.8	40.9	92.5		6	10	-2.8	-2.7	-11.4
GEW-038	6/28/2016 9:03	0.6	51.5	4.6	43.3	94.0		6	6	-2.8	-2.9	-10.7
GEW-039	6/6/2016 11:04	39.7	51.3	0.0	9.0	135.6				-0.5	-0.5	-16.7
GEW-039	6/6/2016 11:10	42.1	49.2	0.0	8.7	136.0				-0.6	-0.6	-17.7
GEW-039	6/13/2016 11:09	38.1	51.4	0.0	10.5	134.4				-0.7	-0.7	-15.7
GEW-039	6/13/2016 11:11	38.4	50.7	0.0	10.9	134.4				-0.4	-0.4	-17.3
GEW-039	6/20/2016 9:07	32.2	53.9	0.6	13.3	129.0		20	20	-1.4	-1.3	-16.8
GEW-039	6/28/2016 9:08	36.4	50.8	0.1	12.7	129.0		27	24	-1.4	-1.3	-18.4
GEW-040	6/1/2016 8:36	58.1	41.8	0.0	0.1	90.7		5	7	-0.6	-0.6	-11.8

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Well Name	Date Sampled	Methane	CO_2	O_2	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H_2O		
GEW-040	6/7/2016 14:47	57.8	40.9	0.0	1.3	93.8		12	12	-0.7	-0.7	-12.4
GEW-040	6/7/2016 14:54	57.8	41.2	0.0	1.0	93.8		42	42	-0.7	-0.7	-12.7
GEW-040	6/14/2016 10:49	57.5	40.0	0.0	2.5	94.8		0	0	-0.6	-0.6	-12.1
GEW-040	6/20/2016 8:40	57.2	40.1	0.0	2.7	94.1		10	11	-0.6	-0.6	-12.9
GEW-040	6/27/2016 13:35	57.9	38.2	0.1	3.8	97.1		17	16	-0.6	-0.6	-12.5
GEW-041R	6/1/2016 8:39	53.5	38.6	0.3	7.6	106.5		13	9	-0.7	-0.6	-7.2
GEW-041R	6/1/2016 8:41	53.0	39.0	0.3	7.7	105.7		16	13	-0.5	-0.6	-9.2
GEW-041R	6/7/2016 14:59	55.5	40.8	0.1	3.6	105.3		17	19	-0.2	-0.2	-7.6
GEW-041R	6/7/2016 15:05	55.8	40.9	0.3	3.0	105.4		23	22	-0.3	-0.3	-9.8
GEW-041R	6/14/2016 10:52	55.2	39.5	0.3	5.0	107.2		0	6	-0.4	-0.4	-8.3
GEW-041R	6/20/2016 8:49	55.1	40.0	0.6	4.3	106.5		0	14	-0.4	-0.3	-8.3
GEW-041R	6/27/2016 13:38	55.2	39.3	0.3	5.2	108.0		10	13	-0.3	-0.3	-9.7
GEW-042R	6/1/2016 8:45	55.4	40.5	0.0	4.1	114.8		11	20	-3.4	-3.4	-3.1
GEW-042R	6/1/2016 8:48	55.4	40.8	0.0	3.8	112.1		23	23	-1.4	-1.4	-3.1
GEW-042R	6/7/2016 15:11	56.7	41.6	0.0	1.7	111.6		27	28	-1.3	-1.4	-3.5
GEW-042R	6/7/2016 15:19	55.9	42.7	0.0	1.4	111.3		11	16	-1.1	-1.1	-3.7
GEW-042R	6/14/2016 10:54	56.3	40.1	0.0	3.6	113.8		0	0	-1.1	-1.0	-3.2
GEW-042R	6/20/2016 8:52	56.2	40.7	0.0	3.1	113.2		19	0	-1.1	-1.1	-3.6
GEW-042R	6/27/2016 13:41	56.0	40.5	0.0	3.5	114.3		22	15	-1.0	-1.0	-3.5
GEW-043R	6/1/2016 8:52	55.3	40.7	0.0	4.0	123.5		12	16	-1.0	-1.0	-11.1
GEW-043R	6/1/2016 8:54	54.9	40.6	0.1	4.4	122.6		10	8	-0.9	-0.9	-11.5
GEW-043R	6/7/2016 15:23	55.9	42.2	0.0	1.9	121.0		3	3	0.1	0.1	-12.5
GEW-043R	6/7/2016 15:29	55.4	43.0	0.0	1.6	122.3		19	11	-0.1	-0.1	-12.5
GEW-043R	6/14/2016 10:58	55.1	41.3	0.1	3.5	122.9		5	11	-0.3	-0.3	-12.0
GEW-043R	6/20/2016 8:55	54.8	40.9	0.2	4.1	123.4		17	14	-0.4	-0.4	-12.6
GEW-043R	6/27/2016 13:45	54.8	41.7	0.1	3.4	124.5		10	6	0.0	0.0	-12.4
GEW-044	6/1/2016 8:58	54.3	39.7	0.0	6.0	90.1		30	33	-2.1	-2.2	-6.4
GEW-044	6/1/2016 9:00	54.3	39.7	0.0	6.0	88.9		18	19	-1.6	-1.6	-5.4
GEW-044	6/7/2016 15:34	55.3	41.1	0.0	3.6	92.8		12	9	-0.4	-0.4	-5.2
GEW-044	6/7/2016 15:41	55.4	40.7	0.0	3.9	92.9		43	43	-0.5	-0.5	-4.9
GEW-044	6/14/2016 11:01	56.1	39.8	0.0	4.1	94.3		0	0	-0.6	-0.6	-6.0
GEW-044	6/20/2016 8:58	55.8	39.8	0.0	4.4	94.5		0	0	-0.9	-0.9	-5.8
GEW-044	6/27/2016 13:49	56.0	40.3	0.1	3.6	97.2		6	8	-0.5	-0.4	-5.7
GEW-045R	6/1/2016 9:04	56.4	41.3	0.0	2.3	91.2		6	8	-1.4	-1.4	-11.4
GEW-045R	6/1/2016 9:06	56.3	41.1	0.0	2.6	91.0		6	5	-1.0	-0.9	-11.6
GEW-045R	6/7/2016 15:45	55.3	42.2	0.0	2.5	96.7		8	6	-0.1	-0.1	-12.5
GEW-045R	6/7/2016 15:51	55.7	42.3	0.0	2.0	100.2		12	11	-0.3	-0.3	-12.5
GEW-045R	6/14/2016 11:05	55.5	40.8	0.0	3.7	97.4		0	0	-0.3	-0.3	-12.4
GEW-045R	6/20/2016 9:03	54.7	41.5	0.3	3.5	99.7		11	10	-0.7	-0.7	-12.6
GEW-045R	6/27/2016 14:02	54.9	41.4	0.2	3.5	105.2		11	10	-0.7	-0.7	-13.2
GEW-046R	6/1/2016 9:10	48.5	38.9	0.0	12.6	91.8		35	36	-1.3	-1.3	-11.7
GEW-046R	6/1/2016 9:12	48.8	38.6	0.0	12.6	90.1		0	0	-1.0	-1.0	-11.3
GEW-046R	6/7/2016 16:31	54.5	42.1	0.0	3.4	96.0		0	0	0.2	0.2	-12.4

June 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_2O		
GEW-046R	6/7/2016 16:39	54.1	41.5	0.0	4.4	102.2		33	32	-0.1	-0.1	-12.8
GEW-046R	6/14/2016 11:08	52.7	40.1	0.0	7.2	101.3		21	22	-0.3	-0.3	-12.3
GEW-046R	6/20/2016 9:06	52.0	39.5	0.0	8.5	101.1		19	19	-0.4	-0.4	-13.0
GEW-046R	6/27/2016 14:07	51.3	39.7	0.2	8.8	101.8		12	14	-0.3	-0.3	-13.0
GEW-047R	6/1/2016 9:46	36.4	33.8	0.0	29.8	110.2		37	38	-1.1	-1.1	-12.1
GEW-047R	6/1/2016 9:48	36.9	34.2	0.0	28.9	106.0		32	32	-0.9	-0.9	-11.9
GEW-047R	6/8/2016 9:34	52.3	42.1	0.0	5.6	106.0		0	0	0.1	0.1	-13.1
GEW-047R	6/8/2016 9:43	51.8	42.0	0.0	6.2	112.0		13	17	0.0	0.0	-12.8
GEW-047R	6/14/2016 11:37	50.8	40.2	0.0	9.0	117.5		0	0	0.1	0.1	-12.0
GEW-047R	6/14/2016 11:39	50.7	39.5	0.0	9.8	118.1		22	16	-0.1	0.0	-11.8
GEW-047R	6/20/2016 9:57	48.7	39.5	0.1	11.7	116.5		12	8	0.0	0.0	-12.7
GEW-047R	6/27/2016 15:06	50.5	40.0	0.3	9.2	117.3		12	12	0.0	0.0	-13.2
GEW-047R	6/27/2016 15:07	50.8	39.3	0.3	9.6	117.7		17	16	0.0	0.0	-13.3
GEW-048	6/1/2016 9:58	50.8	38.4	0.0	10.8	104.7		10	15	-1.2	-1.2	-11.3
GEW-048	6/1/2016 10:00	51.5	38.1	0.0	10.4	103.5		10	10	-0.9	-0.9	-12.6
GEW-048	6/8/2016 10:29	54.0	40.2	0.0	5.8	107.0		9	14	0.0	0.0	-9.4
GEW-048	6/8/2016 10:35	54.1	39.9	0.0	6.0	107.0		0	0	0.0	0.0	-10.4
GEW-048	6/14/2016 11:46	56.6	39.8	0.0	3.6	106.7		5	8	0.1	0.1	-9.7
GEW-048	6/14/2016 11:48	56.8	39.8	0.0	3.4	106.9		21	26	0.0	0.0	-7.9
GEW-048	6/20/2016 10:03	54.6	37.7	0.0	7.7	106.2		32	32	0.0	0.0	-10.8
GEW-048	6/27/2016 15:16	55.6	40.0	0.3	4.1	107.5		15	16	0.0	0.0	-8.7
GEW-049	6/1/2016 10:50	39.6	33.3	0.4	26.7	108.6		12	14	-1.0	-1.0	-5.5
GEW-049	6/1/2016 10:53	40.0	32.7	0.4	26.9	107.7		13	10	-0.9	-0.9	-5.8
GEW-049	6/8/2016 11:02	49.8	39.5	0.0	10.7	115.0		7	4	-0.2	-0.2	-5.6
GEW-049	6/8/2016 11:09	49.9	39.3	0.0	10.8	114.0		0	7	-0.2	-0.2	-5.4
GEW-049	6/14/2016 12:04	54.1	39.1	0.0	6.8	114.0		12	8	0.0	0.0	-4.8
GEW-049	6/20/2016 10:10	50.4	37.1	0.0	12.5	111.5		10	14	-0.1	-0.1	-5.4
GEW-049	6/27/2016 16:51	51.6	38.8	0.2	9.4	113.5		13	6	-0.1	-0.1	-4.9
GEW-050	6/1/2016 10:12	48.6	36.9	0.0	14.5	108.2		23	20	-1.2	-1.2	-8.8
GEW-050	6/1/2016 10:13	48.5	37.1	0.0	14.4	107.0		0	3	-0.8	-0.8	-7.3
GEW-050	6/8/2016 10:44	54.4	40.6	0.0	5.0	110.0		6	0	-0.1	0.0	-8.6
GEW-050	6/14/2016 11:56	57.0	39.1	0.0	3.9	109.2		0	0	0.2	0.2	-6.2
GEW-050	6/14/2016 11:58	57.1	39.9	0.0	3.0	110.0		31	34	0.0	0.0	-7.9
GEW-050	6/20/2016 8:30	55.4	40.1	0.0	4.5	108.6		14	14	-0.3	-0.3	-6.9
GEW-050	6/27/2016 16:40	55.7	39.7	0.2	4.4	110.3		19	15	-0.2	-0.2	-9.1
GEW-051	6/1/2016 10:58	55.6	41.4	0.0	3.0	126.9		24	28	-1.7	-1.7	-11.6
GEW-051	6/1/2016 11:01	56.3	40.7	0.0	3.0	123.1		0	0	-1.0	-1.0	-12.7
GEW-051	6/8/2016 11:13	54.0	41.5	0.0	4.5	127.0		12	12	0.1	0.1	-12.0
GEW-051	6/8/2016 11:16	53.6	42.0	0.0	4.4	130.0		6	10	0.0	0.0	-12.6
GEW-051	6/8/2016 11:18	54.0	42.3	0.0	3.7	130.0		0	8	0.0	0.0	-13.1
GEW-051	6/14/2016 12:07	56.0	40.6	0.0	3.4	129.4		0	0	0.2	0.2	-11.7
GEW-051	6/14/2016 12:09	56.3	41.1	0.0	2.6	130.6		0	0	0.1	0.1	-11.7
GEW-051	6/14/2016 12:10	55.9	41.2	0.0	2.9	131.4		0	0	-0.1	0.0	-11.3

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Well Name	Date Sampled	Methane	CO_2	O_2	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H_2O		
GEW-051	6/20/2016 10:23	54.7	40.6	0.0	4.7	127.8		0	0	-0.2	-0.2	-12.0
GEW-051	6/27/2016 16:58	54.0	41.7	0.2	4.1	129.7		6	12	-0.1	-0.1	-12.2
GEW-052	6/1/2016 10:16	51.3	37.3	0.0	11.4	113.5		0	0	-0.7	-0.7	-12.8
GEW-052	6/1/2016 10:18	51.3	37.3	0.0	11.4	113.5		0	0	-0.6	-0.6	-12.9
GEW-052	6/8/2016 10:50	50.7	39.9	0.0	9.4	117.0		16	12	-0.3	-0.3	-12.9
GEW-052	6/14/2016 12:01	54.3	39.4	0.0	6.3	116.8		0	0	-0.1	-0.2	-11.5
GEW-052	6/20/2016 8:34	53.0	38.5	0.0	8.5	114.2		34	33	-0.3	-0.3	-12.7
GEW-052	6/27/2016 16:42	53.0	39.3	0.2	7.5	116.8		3	0	-0.2	-0.2	-12.8
GEW-053	6/1/2016 11:05	52.9	40.2	0.0	6.9	140.6		23	19	-1.7	-1.7	-12.4
GEW-053	6/1/2016 11:07	52.0	41.4	0.0	6.6	136.1		10	9	-1.0	-0.9	-12.8
GEW-053	6/8/2016 11:23	49.1	43.4	0.0	7.5	142.0		8	12	0.0	0.0	-12.9
GEW-053	6/8/2016 11:32	49.7	42.8	0.0	7.5	143.0		14	14	0.0	0.0	-12.6
GEW-053	6/15/2016 8:11	51.0	42.3	0.0	6.7	140.6		9	9	-0.5	-0.4	-12.4
GEW-053	6/15/2016 8:13	51.3	41.9	0.0	6.8	140.0		0	3	-0.5	-0.5	-12.4
GEW-053	6/20/2016 10:25	51.3	39.2	0.0	9.5	139.2		14	12	-0.1	-0.1	-12.4
GEW-053	6/20/2016 10:26	50.4	41.9	0.0	7.7	139.5		14	12	-0.1	-0.1	-12.3
GEW-053	6/27/2016 17:20	48.2	44.3	0.3	7.2	140.9		11	14	0.0	0.0	-12.6
GEW-053	6/27/2016 17:21	48.1	44.2	0.3	7.4	140.9		12	10	0.0	0.0	-12.9
GEW-054	6/1/2016 11:11	51.4	42.3	0.0	6.3	151.8		39	37	-1.4	-1.4	-10.0
GEW-054	6/1/2016 11:13	51.1	42.6	0.0	6.3	151.3		0	0	-0.5	-0.5	-11.9
GEW-054	6/3/2016 15:06	55.1	41.2	0.1	3.6	152.1		24	24	0.4	0.4	-12.0
GEW-054	6/3/2016 15:10	54.3	41.4	0.1	4.2	152.5		39	36	-0.9	-0.8	-10.7
GEW-054	6/8/2016 11:52	50.7	42.4	0.0	6.9	153.0		38	44	-2.0	-2.0	-9.1
GEW-054	6/8/2016 11:59	50.4	42.8	0.0	6.8	154.0		31	42	-2.1	-2.1	-8.8
GEW-054	6/10/2016 9:20	51.2	42.4	0.0	6.4	149.3		39	38	-2.3	-2.3	-10.0
GEW-054	6/10/2016 9:21	51.4	42.5	0.0	6.1	149.5		46	49	-3.0	-3.0	-7.2
GEW-054	6/15/2016 8:19	53.9	40.6	0.0	5.5	148.0		48	45	-3.4	-3.4	-7.8
GEW-054	6/15/2016 8:21	52.2	42.0	0.0	5.8	148.0		38	31	-2.9	-2.9	-8.3
GEW-054	6/20/2016 8:43	52.2	41.4	0.0	6.4	148.8		36	52	-2.3	-2.3	-9.1
GEW-054	6/20/2016 8:44	51.4	42.6	0.0	6.0	148.8		40	42	-2.3	-2.4	-7.5
GEW-054	6/24/2016 9:09	53.8	42.3	0.0	3.9	146.3		44	43	-3.1	-3.2	-8.6
GEW-054	6/24/2016 9:10	53.3	41.6	0.0	5.1	146.3		48	35	-3.1	-3.1	-8.0
GEW-054	6/27/2016 17:28	53.1	40.9	0.2	5.8	147.3		39	42	-2.7	-2.7	-9.7
GEW-054	6/27/2016 17:29	52.1	42.6	0.2	5.1	147.3		39	42	-2.8	-2.7	-8.5
GEW-055	6/1/2016 11:17	54.3	41.6	0.0	4.1	126.9		17	14	-1.4	-1.4	-12.6
GEW-055	6/1/2016 11:19	54.3	41.8	0.0	3.9	125.3		0	0	-1.0	-1.0	-12.8
GEW-055	6/8/2016 12:05	52.4	43.5	0.0	4.1	130.0		16	19	-0.2	-0.3	-12.1
GEW-055	6/8/2016 12:12	52.2	42.9	0.0	4.9	130.0		32	34	-0.2	-0.2	-11.7
GEW-055	6/15/2016 8:24	53.1	41.3	0.0	5.6	127.8		0	0	-0.6	-0.6	-11.8
GEW-055	6/20/2016 10:32	53.0	42.2	0.1	4.7	127.6		10	10	-0.2	-0.2	-11.6
GEW-055	6/27/2016 17:33	52.6	43.2	0.3	3.9	128.7		0	0	-0.2	-0.2	-12.3
GEW-056R	6/6/2016 13:30	17.3	47.5	0.0	35.2	155.4				-3.3	-3.3	-12.1
GEW-056R	6/6/2016 13:36	16.1	45.9	0.0	38.0	155.5				-3.4	-3.4	-12.2

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Well Name	Date Sampled	Methane	CO_2	O_2	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H_2O		
GEW-056R	6/13/2016 10:16	12.3	42.6	0.4	44.7	151.0				-12.9	-14.2	-13.4
GEW-056R	6/13/2016 10:17	12.8	42.2	0.4	44.6	151.0				-13.9	-14.9	-14.4
GEW-056R	6/20/2016 9:17	13.1	36.6	0.6	49.7	149.3		28	26	-15.1	-15.1	-16.5
GEW-056R	6/20/2016 9:18	12.7	38.6	0.6	48.1	149.3		29	25	-15.7	-14.3	-16.8
GEW-056R	6/28/2016 9:21	1.4	54.9	0.0	43.7	93.5		10	10	0.5	-1.1	-17.6
GEW-056R	6/28/2016 9:22	0.7	56.1	0.0	43.2	96.4		11	24	-1.2	-1.5	-17.0
GEW-057B	6/7/2016 13:11	1.4	55.7	0.0	42.9	145.2				-11.9	-11.9	-11.7
GEW-057B	6/7/2016 13:14	1.4	55.3	0.0	43.3	144.9				-11.5	-11.2	-11.4
GEW-057R	6/6/2016 15:09	24.9	44.8	0.9	29.4	131.2				-9.8	-9.8	-12.0
GEW-057R	6/6/2016 15:11	24.6	45.4	0.9	29.1	131.1				-10.2	-10.8	-11.7
GEW-058	6/3/2016 10:50	5.1	35.3	7.6	52.0	146.3				-16.5	-16.9	-16.4
GEW-058	6/3/2016 10:54	4.9	35.7	7.8	51.6	148.0				-16.4	-16.4	-16.5
GEW-058A	6/8/2016 11:04	1.2	41.3	4.2	53.3	99.8				-4.6	-4.3	-4.0
GEW-059R	6/6/2016 15:15	2.0	52.7	0.1	45.2	192.9				1.5	1.5	1.7
GEW-059R	6/6/2016 15:17	2.0	52.3	0.0	45.7	192.9				1.7	1.6	2.0
GEW-059R	6/23/2016 9:58	3.7	52.7	0.4	43.2	186.3		16	16	-15.0	-15.0	-15.9
GEW-059R	6/23/2016 9:59	3.5	53.7	0.4	42.4	186.4		16	16	-15.1	-15.1	-15.4
GEW-065A	6/6/2016 14:58	3.5	18.3	13.9	64.3	97.4				-8.8	-8.5	-8.6
GEW-065A	6/6/2016 15:03	4.0	21.4	12.8	61.8	98.4				-9.1	-9.1	-8.9
GEW-067A	6/8/2016 10:57	4.5	57.1	0.0	38.4	193.7		6	7	-13.2	-15.7	-15.3
GEW-067A	6/8/2016 10:58	3.7	57.5	0.0	38.8	193.1		14	13	-14.4	-14.4	-15.0
GEW-077	6/3/2016 10:33	0.6	59.2	0.4	39.8	120.7		264	264	-14.0	-14.0	-14.0
GEW-078R	6/3/2016 11:44	8.5	50.9	0.4	40.2	190.2				-13.9	-14.1	-13.7
GEW-078R	6/3/2016 11:45	9.1	52.1	0.4	38.4	190.2				-13.5	-13.5	-13.5
GEW-080	6/3/2016 10:38	1.9	17.7	14.3	66.1	81.4				-13.8	-13.7	-13.5
GEW-080	6/3/2016 10:42	2.7	23.2	11.5	62.6	82.3				-18.6	-18.5	-14.0
GEW-081	6/3/2016 11:03	0.5	59.6	0.1	39.8	87.6				46.8	46.8	47.3
GEW-081	6/3/2016 11:03	0.5	61.6	0.0	37.9	85.1				48.6	48.6	49.0
GEW-082R	6/3/2016 11:08	1.9	52.1	1.2	44.8	191.6				-13.2	-13.3	-13.5
GEW-082R	6/3/2016 11:12	2.1	50.9	1.1	45.9	191.6				-11.7	-13.3	-12.1
GEW-086	6/8/2016 10:45	10.8	49.1	0.0	40.1	96.2		4	2	-0.1	-0.1	-15.2
GEW-089	6/8/2016 10:50	5.0	24.3	14.8	55.9	98.9		4	2	-2.2	-2.2	-15.7
GEW-089	6/8/2016 10:51	5.5	19.8	15.3	59.4	99.2		0	3	-2.1	-2.1	-14.9
GEW-090	6/7/2016 12:59	6.0	50.1	0.0	43.9	187.6				-3.9	-3.9	-16.4
GEW-090	6/7/2016 13:03	5.7	51.5	0.0	42.8	189.6				-15.9	-15.9	-15.5
GEW-102	6/7/2016 13:47	2.4	56.0	0.0	41.6	192.3				-14.4	-14.2	-14.8
GEW-102	6/7/2016 13:49	2.4	57.0	0.0	40.6	192.3				-15.1	-15.2	-14.8
GEW-104	6/7/2016 14:02	0.7	56.6	0.0	42.7	102.2				5.0	5.4	5.0
GEW-104	6/7/2016 14:03	0.6	59.6	0.0	39.8	104.5				7.1	7.1	7.1
GEW-105	6/8/2016 11:09	5.1	37.3	10.2	47.4	178.7				-15.1	-15.0	-15.2
GEW-105	6/8/2016 11:10	5.5	34.6	10.3	49.6	178.7				-15.4	-15.0	-15.1
GEW-107	6/8/2016 11:18	0.5	10.8	20.6	68.1	91.1		5	4	-16.2	-16.3	-16.0
GEW-107	6/8/2016 11:19	0.1	2.1	21.8	76.0	92.3		6	7	-15.9	-16.2	-15.7

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Well Name	Date Sampled	Methane	CO_2	O_2	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H_2O		
GEW-108	6/8/2016 11:22	2.5	5.5	18.9	73.1	89.7		8	4	-16.2	-15.9	-15.7
GEW-108	6/8/2016 11:24	5.1	18.3	14.6	62.0	92.8		5	7	-16.3	-15.6	-16.2
GEW-109	6/6/2016 11:18	11.9	56.1	0.1	31.9	95.4		3	5	-0.7	-0.7	-17.8
GEW-109	6/6/2016 11:27	12.7	55.0	0.2	32.1	96.9		2	5	-0.6	-0.6	-18.1
GEW-109	6/13/2016 11:06	11.6	61.0	0.1	27.3	110.8		7	5	-0.1	-0.1	-16.2
GEW-109	6/20/2016 9:04	8.8	61.0	0.2	30.0	95.0		2	2	-0.1	-0.2	-17.3
GEW-109	6/28/2016 9:05	10.3	52.3	0.0	37.4	111.8		5	6	-7.9	-7.8	-17.5
GEW-110	6/6/2016 13:21	16.9	36.5	2.1	44.5	106.0		9	8	-0.1	-0.1	-15.9
GEW-110	6/6/2016 13:26	16.2	36.0	2.6	45.2	107.6		7	7	-0.1	-0.1	-17.3
GEW-110	6/13/2016 9:52	12.5	50.3	0.9	36.3	111.7		8	14	-0.1	-0.1	-15.9
GEW-110	6/20/2016 9:13	10.6	30.2	5.9	53.3	107.0		6	9	-0.1	-0.1	-17.3
GEW-110	6/20/2016 9:14	10.3	29.6	5.9	54.2	107.0		7	9	-0.1	-0.1	-17.4
GEW-110	6/28/2016 9:15	14.2	53.3	0.0	32.5	94.4		1	7	0.0	0.0	-17.6
GEW-110	6/28/2016 9:16	11.0	49.9	0.0	39.1	106.3		8	8	0.0	-0.1	-17.8
GEW-112	6/9/2016 10:09	2.1	47.4	4.2	46.3	93.6				-10.2	-10.2	-11.1
GEW-113	6/9/2016 10:02	7.3	50.7	2.8	39.2	171.6				-10.5	-10.5	-14.1
GEW-113	6/9/2016 10:03	7.4	50.6	2.7	39.3	171.6				-10.5	-10.5	-14.4
GEW-116	6/9/2016 9:18	0.0	1.3	21.3	77.4	87.9		2	4	14.6	14.9	-13.9
GEW-116	6/9/2016 9:24	3.1	56.3	3.1	37.5	90.8		6	5	-5.0	-4.7	-13.4
GEW-117	6/9/2016 9:53	5.1	62.3	0.7	31.9	95.3				-13.2	-13.2	-13.1
GEW-117	6/9/2016 9:55	5.1	62.9	0.5	31.5	95.1				-13.2	-12.9	-13.4
GEW-118	6/9/2016 9:04	1.5	60.1	0.1	38.3	200.1				-10.0	-9.2	-13.3
GEW-118	6/9/2016 9:09	1.5	59.9	0.0	38.6	200.1				-10.2	-10.6	-12.8
GEW-120	6/2/2016 11:38	17.2	53.1	2.4	27.3	130.5				-14.0	-13.7	-14.1
GEW-120	6/2/2016 11:39	16.8	53.0	2.6	27.6	130.8				-14.0	-13.7	-14.1
GEW-120	6/21/2016 8:54	18.2	55.0	0.1	26.7	146.3				-15.6	-15.4	-15.6
GEW-120	6/21/2016 8:54	17.8	55.6	0.1	26.5	146.5				-15.4	-15.5	-15.6
GEW-121	6/2/2016 11:45	4.8	58.6	0.1	36.5	184.5				-11.7	-11.9	-12.5
GEW-121	6/2/2016 11:51	4.9	60.7	0.1	34.3	184.6				-12.6	-11.7	-13.3
GEW-121	6/21/2016 8:57	8.1	51.1	0.1	40.7	180.3		2	28	-11.8	-11.4	-11.7
GEW-121	6/21/2016 8:58	7.7	56.9	0.1	35.3	180.3		12	26	-13.3	-13.5	-13.2
GEW-122	6/2/2016 12:35	8.1	17.2	14.8	59.9	162.3				-13.3	-13.4	-15.2
GEW-122	6/2/2016 12:40	13.2	29.4	9.7	47.7	160.5				-7.9	-7.9	-15.0
GEW-122	6/21/2016 10:56	17.9	50.7	0.3	31.1	180.4				-7.9	-8.0	-15.6
GEW-122	6/21/2016 10:57	18.5	52.5	0.3	28.7	180.3				-8.0	-8.1	-16.1
GEW-123	6/2/2016 12:00	5.8	62.4	0.3	31.5	187.9				-13.6	-13.7	-13.6
GEW-123	6/2/2016 12:03	5.5	61.5	0.3	32.7	187.9				-13.6	-13.6	-13.6
GEW-123	6/21/2016 9:03	6.4	61.2	0.1	32.3	187.0		13	3	-15.8	-15.6	-15.9
GEW-123	6/21/2016 9:04	6.0	61.5	0.1	32.4	187.0		5	16	-15.8	-15.8	-15.7
GEW-124	6/2/2016 13:08	9.1	33.8	10.4	46.7	98.9				-9.9	-10.3	-13.1
GEW-124	6/2/2016 13:11	11.8	45.9	6.3	36.0	98.9				-4.0	-3.9	-12.7
GEW-124	6/21/2016 9:11	7.6	56.5	2.1	33.8	80.2		5	5	-15.8	-15.8	-16.0
GEW-125	6/2/2016 13:15	1.3	61.9	0.4	36.4	196.0				10.7	10.7	-14.4

June 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_2O		
GEW-125	6/2/2016 13:19	1.4	47.7	4.6	46.3	196.0				-3.5	-3.2	-13.7
GEW-125	6/21/2016 9:24	1.6	70.4	1.3	26.7	188.9		28	13	-13.3	-13.4	-15.5
GEW-125	6/21/2016 9:25	1.1	58.2	0.4	40.3	188.9		22	8	-13.5	-13.4	-15.2
GEW-126	6/2/2016 14:47	7.0	24.7	13.2	55.1	185.2				-10.3	-10.4	-12.0
GEW-126	6/2/2016 14:52	8.4	29.0	11.3	51.3	184.6				-8.9	-8.9	-12.6
GEW-126	6/21/2016 9:44	7.5	54.2	2.5	35.8	80.3		10	7	-14.4	-14.4	-14.2
GEW-127	6/2/2016 15:05	2.4	58.7	2.6	36.3	185.7				-11.4	-11.3	-11.9
GEW-127	6/2/2016 15:08	2.2	54.1	2.8	40.9	185.2				-12.3	-11.7	-13.3
GEW-127	6/21/2016 9:52	1.7	65.0	0.4	32.9	188.9		32	32	-14.7	-14.7	-15.5
GEW-127	6/21/2016 9:52	1.4	66.7	0.4	31.5	189.0		29	30	-15.1	-14.7	-15.7
GEW-128	6/2/2016 15:19	8.9	53.2	3.0	34.9	173.1				-13.2	-13.2	-13.2
GEW-128	6/2/2016 15:20	10.1	47.7	2.9	39.3	173.0				-12.8	-13.3	-13.0
GEW-128	6/21/2016 10:04	7.2	57.7	0.0	35.1	174.8				-14.8	-14.7	-14.1
GEW-128	6/21/2016 10:05	7.0	60.8	0.0	32.2	174.7				-15.1	-14.6	-14.6
GEW-129	6/2/2016 15:24	22.0	54.8	4.9	18.3	104.7				-10.8	-11.2	-13.4
GEW-129	6/21/2016 10:09	1.4	41.6	12.1	44.9	82.1		7	9	-16.6	-16.6	-14.8
GEW-129	6/21/2016 10:10	1.4	41.6	11.8	45.2	81.7		5	5	-17.6	-17.6	-15.4
GEW-130	6/2/2016 15:00	3.7	41.1	2.9	52.3	179.2		81	82	-4.1	-4.0	-13.7
GEW-130	6/2/2016 15:01	5.2	51.2	2.7	40.9	179.2		82	75	-4.0	-4.0	-13.1
GEW-130	6/21/2016 10:00	3.6	45.9	7.1	43.4	172.7		72	87	-5.1	-5.0	-15.0
GEW-130	6/21/2016 10:01	3.5	45.7	7.2	43.6	172.6		79	75	-4.9	-4.9	-15.5
GEW-131	6/2/2016 14:42	0.8	56.7	0.5	42.0	183.5				4.5	4.5	5.2
GEW-131	6/2/2016 14:43	0.6	56.4	0.4	42.6	184.1				4.5	4.5	5.2
GEW-131	6/21/2016 10:04	0.7	59.1	0.3	39.9	187.7				1.3	1.4	1.1
GEW-131	6/21/2016 10:04	0.6	58.2	0.4	40.8	187.6				1.5	1.5	1.6
GEW-132	6/2/2016 12:23	7.7	35.7	8.5	48.1	166.9				-7.0	-7.0	-14.4
GEW-132	6/2/2016 12:29	8.5	41.8	6.6	43.1	166.4				-4.5	-4.5	-14.0
GEW-132	6/21/2016 10:59	12.5	46.0	2.9	38.6	165.7				-6.0	-5.9	-14.3
GEW-132	6/21/2016 11:00	11.8	49.4	2.9	35.9	165.7				-5.9	-5.9	-14.3
GEW-133	6/2/2016 15:35	0.2	14.5	17.1	68.2	98.1		2	3	-12.6	-12.7	-13.7
GEW-133	6/2/2016 15:37	0.2	13.5	17.1	69.2	97.9		3	1	-12.4	-12.4	-13.9
GEW-133	6/21/2016 11:04	0.2	14.7	18.9	66.2	79.6		2	3	-15.4	-15.3	-15.1
GEW-133	6/21/2016 11:06	0.1	8.9	19.7	71.3	80.3		5	9	-15.3	-15.1	-15.5
GEW-134	6/2/2016 15:27	9.5	33.5	7.8	49.2	139.3				-12.7	-12.6	-12.7
GEW-134	6/2/2016 15:32	9.4	28.4	7.6	54.6	139.3				-13.2	-13.2	-13.0
GEW-134	6/21/2016 11:08	5.7	16.0	13.9	64.4	138.3				-12.7	-12.9	-14.6
GEW-134	6/21/2016 11:09	5.7	17.6	13.7	63.0	139.8				-11.1	-11.2	-14.9
GEW-135	6/2/2016 15:23	5.3	39.4	6.5	48.8	176.4				-2.8	-2.9	-5.6
GEW-135	6/2/2016 15:24	5.6	40.8	6.4	47.2	176.4				-2.9	-2.8	-8.9
GEW-135	6/21/2016 11:12	5.4	37.4	7.0	50.2	171.6				-4.4	-4.3	-10.6
GEW-135	6/21/2016 11:12	5.0	40.4	6.8	47.8	171.6				-3.6	-3.8	-13.9
GEW-136	6/2/2016 15:19	7.6	32.7	7.2	52.5	122.9				-10.2	-10.6	-10.2
GEW-136	6/2/2016 15:20	7.5	33.4	7.1	52.0	123.9				-9.7	-10.2	-9.4

June 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_2O		
GEW-136	6/21/2016 11:15	5.7	31.6	10.1	52.6	126.9				-9.8	-9.0	-10.2
GEW-136	6/21/2016 11:16	5.6	31.0	10.1	53.3	126.7				-6.5	-6.4	-6.6
GEW-137	6/2/2016 15:16	12.9	31.3	0.4	55.4	107.5				-8.7	-9.2	-8.6
GEW-137	6/21/2016 11:12	0.2	1.6	22.3	75.9	81.9		13	15	-8.2	-12.2	-7.7
GEW-137	6/21/2016 11:13	0.2	0.6	22.4	76.8	82.5		20	19	-11.5	-11.8	-11.5
GEW-138	6/2/2016 15:08	4.4	33.7	3.8	58.1	135.2				-4.8	-5.3	-7.1
GEW-138	6/2/2016 15:09	4.4	27.9	3.8	63.9	135.3				-5.3	-5.3	-8.0
GEW-138	6/21/2016 11:24	5.4	28.6	5.8	60.2	149.4		44	28	-8.1	-4.0	-13.1
GEW-138	6/21/2016 11:25	6.5	33.4	5.4	54.7	150.5		28	34	-4.3	-4.7	-10.0
GEW-139	6/2/2016 15:04	3.9	51.6	2.4	42.1	180.3				-8.2	-8.2	-11.9
GEW-139	6/2/2016 15:04	3.8	53.7	2.4	40.1	180.3				-8.2	-8.2	-12.0
GEW-139	6/2/2016 15:29	8.1	49.4	4.4	38.1	180.8				-7.5	-7.4	-12.5
GEW-139	6/2/2016 15:31	9.3	49.4	4.4	36.9	180.8				-7.4	-7.4	-12.0
GEW-139	6/21/2016 9:57	2.4	43.0	8.2	46.4	177.7		46	51	-10.8	-8.5	-13.5
GEW-139	6/21/2016 9:58	2.3	42.3	8.1	47.3	177.8		49	47	-9.8	-9.8	-16.0
GEW-140	6/2/2016 14:44	8.0	45.1	4.4	42.5	171.6				-9.4	-9.3	-11.5
GEW-140	6/2/2016 14:45	8.6	47.9	4.2	39.3	171.6				-9.4	-9.6	-11.9
GEW-140	6/21/2016 9:20	8.2	48.0	5.0	38.8	176.2				-10.8	-10.5	-13.5
GEW-140	6/21/2016 9:21	7.9	48.9	5.0	38.2	176.0				-10.7	-10.8	-13.4
GEW-141	6/3/2016 10:10	0.3	57.5	0.3	41.9	143.5				-14.6	-14.5	-14.4
GEW-141	6/3/2016 10:13	0.4	59.5	0.2	39.9	145.6				-14.6	-14.6	-14.5
GEW-141	6/21/2016 9:35	0.2	45.2	0.5	54.1	152.1		6	6	-14.6	-14.2	-14.1
GEW-141	6/21/2016 9:36	0.2	60.4	0.3	39.1	151.3		6	5	-15.1	-15.0	-15.0
GEW-142	6/2/2016 14:31	0.2	35.8	10.8	53.2	95.5				-12.7	-12.7	-12.5
GEW-142	6/2/2016 14:32	0.2	37.7	8.2	53.9	97.9		9	8	-12.9	-13.1	-12.6
GEW-142	6/21/2016 9:31	0.1	35.4	12.4	52.1	84.4		10	13	-14.6	-14.6	-14.3
GEW-142	6/21/2016 9:32	0.3	38.1	10.9	50.7	85.9		10	9	-14.7	-14.7	-14.2
GEW-143	6/2/2016 14:28	0.6	42.6	5.9	50.9	101.2		2	3	-12.7	-12.7	-12.6
GEW-143	6/2/2016 14:29	0.3	45.3	4.9	49.5	104.0		7	7	-12.8	-12.7	-12.6
GEW-143	6/21/2016 9:45	0.1	37.2	10.0	52.7	80.6		11	12	-15.3	-15.2	-14.9
GEW-143	6/21/2016 9:46	0.1	40.0	8.8	51.1	80.6		10	11	-14.9	-14.9	-14.8
GEW-144	6/2/2016 14:25	1.1	46.6	2.8	49.5	94.4		6	8	-11.8	-12.6	-11.9
GEW-144	6/21/2016 9:49	0.5	49.3	4.6	45.6	80.8		32	47	-13.9	-12.5	-14.6
GEW-144	6/21/2016 9:50	0.5	49.0	4.9	45.6	81.0		39	39	-13.3	-13.5	-14.7
GEW-145	6/2/2016 14:20	4.4	45.0	0.3	50.3	165.9				-14.4	-14.3	-14.2
GEW-145	6/2/2016 14:21	1.9	56.4	0.3	41.4	166.1				-14.2	-14.6	-14.2
GEW-145	6/21/2016 8:55	3.1	16.0	16.9	64.0	79.7		7	6	-17.3	-17.3	-17.0
GEW-145	6/21/2016 8:56	2.7	11.5	17.5	68.3	79.9		2	4	-17.8	-17.6	-17.5
GEW-146	6/2/2016 15:46	4.6	10.7	14.7	70.0	101.5				-4.9	-4.8	-15.7
GEW-146	6/2/2016 15:49	6.0	9.7	14.2	70.1	102.1				-3.9	-3.9	-15.7
GEW-146	6/21/2016 11:06	5.2	23.6	14.2	57.0	104.7		52	45	-3.9	-2.7	-17.3
GEW-146	6/21/2016 11:07	6.5	20.7	13.2	59.6	104.5		43	37	-2.9	-2.9	-17.1
GEW-147	6/2/2016 15:43	12.4	49.6	0.3	37.7	190.2				-15.1	-15.1	-14.9

June 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_2O		
GEW-147	6/2/2016 15:44	11.4	53.5	0.2	34.9	190.2				-14.8	-14.9	-14.6
GEW-147	6/21/2016 11:18	13.2	39.6	1.5	45.7	185.7				-16.2	-16.0	-16.1
GEW-147	6/21/2016 11:19	13.0	51.9	1.6	33.5	185.7				-16.3	-16.0	-16.4
GEW-148	6/2/2016 13:29	10.7	42.4	2.7	44.2	99.0		11	7	-15.1	-15.1	-14.8
GEW-148	6/21/2016 10:59	15.5	53.2	2.0	29.3	82.7		5	5	-16.2	-15.6	-15.9
GEW-148	6/21/2016 11:01	15.9	53.8	1.8	28.5	82.6		5	2	-13.2	-13.2	-16.4
GEW-149	6/2/2016 13:23	10.2	40.2	5.7	43.9	136.8		15	15	-0.4	-0.4	-16.1
GEW-149	6/2/2016 13:24	10.2	41.8	5.7	42.3	137.1		15	16	-0.4	-0.4	-15.9
GEW-149	6/21/2016 10:31	6.7	41.4	7.9	44.0	166.9		15	16	-0.4	-0.4	-18.0
GEW-149	6/21/2016 10:33	7.4	44.4	7.8	40.4	167.2		15	15	-0.4	-0.4	-17.4
GEW-150	6/2/2016 14:01	14.9	44.4	3.5	37.2	146.7				-8.9	-8.9	-13.0
GEW-150	6/2/2016 14:02	14.6	48.2	3.4	33.8	150.3				-8.8	-9.0	-13.3
GEW-150	6/21/2016 8:32	12.8	52.2	3.6	31.4	146.6				-10.5	-10.2	-16.2
GEW-150	6/21/2016 8:33	14.8	50.0	3.6	31.6	150.1				-9.8	-10.1	-15.9
GEW-151	6/3/2016 10:22	12.8	44.5	3.2	39.5	156.9		7	13	-14.6	-14.4	-15.9
GEW-151	6/3/2016 10:25	13.0	43.1	3.2	40.7	157.1		14	13	-15.7	-16.0	-15.4
GEW-151	6/21/2016 10:53	13.1	41.7	3.6	41.6	125.1		11	10	-16.0	-15.2	-15.4
GEW-151	6/21/2016 10:54	13.2	42.6	3.5	40.7	125.1		17	19	-14.9	-14.9	-14.7
GEW-152	6/2/2016 13:52	12.3	45.7	0.3	41.7	176.9				-14.7	-14.8	-16.1
GEW-152	6/2/2016 13:53	10.3	50.2	0.2	39.3	176.9		10	11	-14.6	-14.7	-16.2
GEW-152	6/21/2016 8:21	13.0	51.1	0.0	35.9	182.8		15	15	-15.9	-16.0	-18.2
GEW-152	6/21/2016 8:22	12.0	53.5	0.0	34.5	182.9		12	15	-15.9	-15.9	-18.0
GEW-153	6/2/2016 13:47	23.1	46.3	0.2	30.4	155.6				-10.7	-10.8	-15.0
GEW-153	6/2/2016 13:48	23.5	46.4	0.1	30.0	155.6				-10.9	-10.7	-16.2
GEW-153	6/21/2016 8:17	26.5	45.6	0.0	27.9	146.7		15	16	-10.0	-9.9	-18.1
GEW-153	6/21/2016 8:18	26.9	45.0	0.0	28.1	146.8		11	15	-9.9	-9.8	-17.1
GEW-154	6/2/2016 13:18	2.3	51.7	1.4	44.6	184.5		6	5	-0.4	-0.4	-15.0
GEW-154	6/2/2016 13:19	1.8	51.3	2.2	44.7	186.4		6	5	-0.4	-0.4	-14.9
GEW-154	6/21/2016 10:27	0.1	25.2	19.9	54.8	78.5		5	7	-17.3	-16.9	-15.4
GEW-154	6/21/2016 10:28	0.1	9.9	20.7	69.3	79.1		8	4	-16.9	-16.9	-15.8
GEW-155	6/2/2016 15:12	3.7	23.0	8.5	64.8	126.7				-3.8	-3.8	-4.8
GEW-155	6/2/2016 15:13	3.8	21.3	8.7	66.2	127.8				-3.1	-3.0	-3.8
GEW-155	6/21/2016 11:19	3.4	25.0	8.0	63.6	122.8				-3.4	-3.7	-4.8
GEW-155	6/21/2016 11:21	3.1	23.0	8.1	65.8	122.3				-1.3	-1.0	-11.5
GEW-156	6/2/2016 14:15	7.4	22.4	10.9	59.3	121.5				-5.9	-5.8	-15.7
GEW-156	6/2/2016 14:16	7.9	19.8	10.9	61.4	121.8		36	37	-5.9	-5.8	-16.5
GEW-156	6/21/2016 8:49	4.0	22.8	14.0	59.2	124.8		32	22	-3.7	-2.9	-17.5
GEW-156	6/21/2016 8:51	4.0	19.8	14.1	62.1	124.6		26	27	-2.6	-2.6	-18.5
GEW-157	6/2/2016 14:10	3.1	51.2	0.3	45.4	163.2		11	11	-4.4	-4.6	-4.1
GEW-157	6/2/2016 14:11	1.0	55.7	0.3	43.0	164.3		5	16	-2.6	-4.8	-2.0
GEW-157	6/21/2016 8:27	0.4	55.6	0.8	43.2	81.0		3	5	-0.2	-0.9	-0.3
GEW-158	6/2/2016 13:57	0.6	24.6	13.8	61.0	91.4		3	5	-13.1	-13.0	-12.9
GEW-158	6/2/2016 13:58	0.2	21.9	13.7	64.2	91.0		4	2	-13.3	-13.4	-13.4

June 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_2O		
GEW-158	6/21/2016 8:35	0.8	60.3	0.0	38.9	81.0		5	10	-9.1	-9.8	-8.8
GEW-159	6/2/2016 13:43	19.4	48.8	0.2	31.6	141.9		10	8	-9.7	-9.7	-9.5
GEW-159	6/2/2016 13:44	19.8	47.0	0.1	33.1	141.9		6	6	-9.7	-9.7	-9.5
GEW-159	6/21/2016 8:13	19.4	50.2	0.0	30.4	154.2		13	21	-11.5	-12.1	-11.8
GEW-159	6/21/2016 8:14	19.1	51.7	0.0	29.2	154.3		14	15	-11.8	-11.8	-11.8
GEW-160	6/2/2016 13:37	3.7	53.3	0.2	42.8	170.5		5	13	-9.3	-9.3	-9.4
GEW-160	6/2/2016 13:38	3.4	56.8	0.2	39.6	171.1		10	4	-9.3	-8.9	-9.0
GEW-160	6/21/2016 10:20	3.6	57.5	0.0	38.9	161.8		11	30	-12.0	-12.1	-12.1
GEW-160	6/21/2016 10:21	3.7	60.0	0.1	36.2	158.8		21	18	-12.0	-11.9	-11.4
GEW-161	6/2/2016 13:39	0.5	57.3	0.2	42.0	109.7		7	5	-9.7	-9.6	-9.4
GEW-161	6/21/2016 10:23	1.3	59.1	0.0	39.6	96.0		7	6	-10.3	-10.2	-11.1
GEW-162	6/2/2016 13:33	15.5	46.6	3.2	34.7	97.4		9	7	-15.7	-15.6	-15.7
GEW-162	6/21/2016 10:36	4.3	35.1	12.6	48.0	179.8		63	67	-9.5	-8.8	-16.7
GEW-162	6/21/2016 10:38	7.3	48.5	6.1	38.1	179.3		53	70	-9.8	-8.5	-16.8
GEW-163	6/2/2016 11:54	10.5	57.9	2.7	28.9	165.9		23	21	-4.3	-4.3	-14.9
GEW-163	6/2/2016 11:58	10.9	58.5	2.6	28.0	165.4		23	26	-5.2	-5.1	-15.9
GEW-163	6/21/2016 9:00	9.2	53.4	4.3	33.1	169.6		43	33	-10.1	-10.0	-15.9
GEW-163	6/21/2016 9:01	9.2	53.1	4.4	33.3	169.9		44	40	-10.0	-10.0	-15.6
GEW-164	6/2/2016 12:07	3.6	36.7	11.2	48.5	161.4		30	30	-12.2	-12.3	-13.4
GEW-164	6/2/2016 12:11	3.6	36.1	11.4	48.9	160.1		31	32	-12.3	-12.2	-13.6
GEW-164	6/21/2016 9:07	5.8	67.0	0.3	26.9	148.4		20	25	-15.1	-15.1	-15.5
GEW-164	6/21/2016 9:08	5.7	71.3	0.2	22.8	149.5		12	16	-15.1	-15.2	-15.0
GEW-165	6/2/2016 12:58	1.0	38.8	10.3	49.9	190.6		26	27	-11.2	-11.7	-12.6
GEW-165	6/2/2016 13:03	1.0	42.7	8.8	47.5	190.8		25	25	-9.3	-9.3	-12.8
GEW-165	6/21/2016 9:15	1.5	65.4	0.2	32.9	195.7		42	48	-10.5	-10.7	-15.6
GEW-165	6/21/2016 9:16	1.1	68.4	0.2	30.3	195.7		33	36	-11.1	-11.0	-15.8
GEW-166	6/2/2016 12:50	2.2	43.4	6.5	47.9	188.1		44	41	-5.4	-5.2	-13.3
GEW-166	6/2/2016 12:54	2.2	46.9	5.8	45.1	188.5		41	38	-3.9	-3.9	-14.1
GEW-166	6/21/2016 9:19	4.0	60.1	1.7	34.2	180.9		57	60	-7.3	-7.5	-12.5
GEW-166	6/21/2016 9:20	4.8	58.5	1.7	35.0	180.9		65	64	-7.4	-7.5	-14.3
GEW-167	6/2/2016 12:43	5.2	41.4	6.5	46.9	178.7		35	27	-1.6	-1.6	-13.7
GEW-167	6/2/2016 12:46	4.7	42.9	6.1	46.3	180.3		25	27	-1.2	-1.2	-15.1
GEW-167	6/21/2016 10:07	4.8	43.9	6.1	45.2	179.5		68	62	-1.8	-1.8	-16.7
GEW-167	6/21/2016 10:08	5.1	43.4	6.2	45.3	178.6		61	64	-1.8	-1.8	-16.0
GEW-168	6/2/2016 13:24	1.1	36.1	9.1	53.7	190.8		25	26	-9.8	-9.9	-11.3
GEW-168	6/2/2016 13:26	1.0	41.3	7.7	50.0	190.8		24	24	-7.8	-7.8	-12.9
GEW-168	6/21/2016 9:28	0.0	64.6	0.3	35.1	183.6		9	9	-13.5	-13.4	-14.1
GEW-168	6/21/2016 9:29	0.3	63.8	0.3	35.6	183.9		5	11	-13.4	-13.4	-14.1
GEW-169	6/2/2016 14:55	0.8	28.3	12.9	58.0	192.5		29	29	-11.3	-11.3	-13.2
GEW-169	6/2/2016 15:01	1.0	41.3	8.3	49.4	192.5		23	25	-5.4	-5.4	-13.0
GEW-169	6/21/2016 9:48	3.8	66.5	0.4	29.3	193.6		45	31	-14.8	-14.7	-15.0
GEW-169	6/21/2016 9:49	3.6	67.2	0.4	28.8	193.6		43	39	-14.9	-15.0	-15.5
GEW-170	6/2/2016 15:12	10.2	56.0	2.6	31.2	180.6		46	46	-4.9	-4.9	-13.1

June 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_2O		
GEW-170	6/2/2016 15:15	10.0	55.1	2.8	32.1	180.3		48	48	-5.4	-5.7	-12.0
GEW-170	6/21/2016 9:55	6.0	64.3	1.8	27.9	172.6		93	86	-10.8	-10.7	-15.1
GEW-170	6/21/2016 9:56	7.8	63.4	1.8	27.0	173.0		81	87	-11.0	-10.9	-15.1
GEW-171	6/2/2016 14:35	1.2	37.4	8.7	52.7	106.5		7	8	-12.7	-12.8	-12.8
GEW-171	6/2/2016 14:37	1.8	46.7	4.1	47.4	107.5		4	10	-12.9	-12.7	-12.7
GEW-171	6/21/2016 9:40	8.1	58.4	1.4	32.1	187.4		32	31	-14.6	-14.7	-14.2
GEW-171	6/21/2016 9:41	8.1	58.8	1.4	31.7	187.4		31	30	-14.6	-14.9	-14.6
GEW-172	6/2/2016 14:40	4.8	55.2	0.3	39.7	192.3		35	33	-3.3	-3.3	-13.0
GEW-172	6/2/2016 14:41	5.2	54.3	0.2	40.3	192.3		39	38	-4.4	-4.4	-12.7
GEW-172	6/21/2016 9:25	5.7	54.9	0.0	39.4	190.2		88	92	-5.8	-5.7	-14.1
GEW-172	6/21/2016 9:26	5.5	56.4	0.0	38.1	190.2		84	92	-5.6	-5.5	-14.4
GEW-173	6/2/2016 14:54	9.3	36.6	3.2	50.9	105.7		22	21	-4.9	-4.9	-15.3
GEW-173	6/21/2016 9:17	11.7	42.4	3.5	42.4	106.1		51	46	-3.5	-3.6	-16.6
GEW-174	6/2/2016 14:49	9.9	45.8	0.7	43.6	173.1		57	57	-6.3	-6.3	-7.5
GEW-174	6/2/2016 14:50	12.2	49.6	0.7	37.5	173.1		58	57	-6.3	-6.2	-7.5
GEW-174	6/21/2016 9:01	10.7	32.3	5.7	51.3	152.4		85	68	-4.5	-4.2	-9.5
GEW-174	6/21/2016 9:03	9.9	41.0	5.6	43.5	152.5		82	72	-3.9	-3.9	-8.3
GEW-175	6/2/2016 14:05	17.8	48.4	2.4	31.4	163.3		58	63	-9.9	-10.2	-13.0
GEW-175	6/2/2016 14:07	17.7	50.1	2.3	29.9	163.3		131	141	-9.7	-9.9	-12.5
GEW-175	6/21/2016 8:40	19.0	53.9	1.7	25.4	129.0		105	108	-14.8	-14.9	-16.2
GEW-176	6/2/2016 15:54	21.5	53.7	4.0	20.8	117.9		16	16	-3.3	-3.3	-16.1
GEW-176	6/21/2016 8:44	15.4	57.9	0.1	26.6	120.2		5	3	-0.3	-0.3	-19.1
GEW-1A	6/1/2016 9:17	0.8	8.7	20.2	70.3	80.2		6	7	-0.7	-1.6	-11.8
GEW-1A	6/1/2016 9:18	0.3	2.5	21.3	75.9	80.0		13	7	-1.3	-0.6	-11.8
GEW-1A	6/7/2016 16:44	0.5	5.3	22.3	71.9	99.8		4	3	-1.8	-0.9	-12.7
GEW-1A	6/7/2016 16:45	0.3	1.6	22.9	75.2	99.9		8	7	-1.5	-1.0	-12.4
GEW-1A	6/14/2016 11:13	0.4	2.8	21.6	75.2	97.9		7	10	-2.0	-1.1	-12.3
GEW-1A	6/14/2016 11:14	0.4	1.1	21.7	76.8	97.9		9	7	-0.9	-0.6	-11.9
GEW-1A	6/20/2016 9:10	0.5	5.4	21.6	72.5	93.4		7	7	-2.2	-1.5	-12.6
GEW-1A	6/20/2016 9:11	0.3	1.6	22.1	76.0	93.6		7	2	-0.6	-0.8	-12.7
GEW-1A	6/27/2016 14:35	0.2	1.3	19.9	78.6	113.5		102	100	-0.1	-0.5	-0.4
GEW-1A	6/27/2016 14:36	0.1	0.4	20.0	79.5	113.0		100	98	-0.4	-0.8	-0.5
GEW-2S	6/1/2016 9:24	62.1	35.7	0.0	2.2	88.1		4	6	-0.6	-0.5	-6.5
GEW-2S	6/7/2016 16:48	62.5	34.1	0.0	3.4	96.4		6	4	-0.9	-0.9	-8.0
GEW-2S	6/14/2016 11:17	63.0	33.8	0.0	3.2	97.2		3	6	-0.1	-0.1	-10.4
GEW-2S	6/20/2016 9:19	61.6	34.6	0.0	3.8	100.6		7	0	-0.7	-0.8	-9.1
GEW-2S	6/27/2016 14:39	63.7	32.5	0.1	3.7	108.0		11	4	0.0	0.0	-7.6
GIW-01	6/6/2016 8:46	1.7	60.7	2.4	35.2	168.5		18	28	-16.0	-15.9	-16.1
GIW-01	6/6/2016 8:56	1.8	60.7	2.2	35.3	169.0		43	29	-16.0	-16.2	-16.7
GIW-01	6/13/2016 9:41	1.5	60.4	2.0	36.1	171.1		14	0	-16.2	-16.2	-15.7
GIW-01	6/13/2016 9:45	1.5	61.1	2.0	35.4	171.6		17	17	-16.5	-16.4	-16.4
GIW-01	6/20/2016 8:36	1.6	54.7	2.5	41.2	162.7		13	18	-18.0	-18.1	-17.8
GIW-01	6/20/2016 8:36	1.6	57.0	2.3	39.1	163.2		10	8	-17.9	-18.1	-17.5

June 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_2O		
GIW-01	6/28/2016 8:32	2.3	53.5	4.9	39.3	158.8		25	24	-17.8	-17.3	-17.8
GIW-01	6/28/2016 8:32	1.6	53.7	4.8	39.9	159.2		18		-17.5		-17.6
GIW-02	6/6/2016 8:59	7.6	54.0	2.9	35.5	88.4		12	12	-0.1	-0.1	-16.6
GIW-02	6/6/2016 9:07	8.1	52.9	2.8	36.2	89.9		14	11	-0.1	-0.1	-16.7
GIW-02	6/13/2016 9:48	5.4	50.0	4.7	39.9	103.8		9	12	-0.1	-0.1	-16.4
GIW-02	6/20/2016 7:58	4.0	39.1	8.9	48.0	92.1		3	3	-0.2	-0.2	-18.2
GIW-02	6/20/2016 8:00	4.0	38.0	9.0	49.0	92.6		2	2	-0.2	-0.2	-17.5
GIW-02	6/28/2016 8:29	7.4	54.2	1.9	36.5	90.0		6	5	-0.1	-0.1	-17.9
GIW-03	6/6/2016 9:13	0.4	65.8	0.0	33.8	81.7		15	12	0.0	-0.1	-13.1
GIW-03	6/6/2016 9:20	0.4	64.0	0.3	35.3	82.5		11	11	-0.2	-0.1	-13.6
GIW-03	6/13/2016 10:24	0.5	63.2	0.0	36.3	101.0		11	6	1.0	1.0	-10.7
GIW-03	6/13/2016 10:29	0.4	64.7	0.0	34.9	100.4		6	6	-0.3	-0.3	-10.0
GIW-03	6/20/2016 7:53	0.4	54.3	4.6	40.7	85.9		6	1	-1.6	-1.2	-12.2
GIW-03	6/20/2016 7:55	0.5	53.0	4.0	42.5	86.1		3	3	-0.7	-0.7	-11.0
GIW-03	6/28/2016 8:26	0.6	61.6	0.0	37.8	83.8		1	2	-0.3	-0.3	-10.9
GIW-04	6/6/2016 9:25	0.4	41.0	7.0	51.6	87.4		14	13	-7.8	-7.7	-14.1
GIW-04	6/6/2016 9:35	0.5	40.0	8.1	51.4	88.0		12	9	-6.6	-6.4	-12.7
GIW-04	6/13/2016 10:33	0.6	47.1	3.9	48.4	106.5		9	9	-3.9	-3.9	-10.3
GIW-04	6/20/2016 7:49	0.9	57.2	0.0	41.9	89.6		2	2	2.8	-0.9	-12.4
GIW-04	6/20/2016 7:50	0.8	56.9	0.0	42.3	89.0		2	2	-0.9	-0.9	-11.0
GIW-04	6/28/2016 8:20	0.5	54.4	0.0	45.1	92.6		4	2	2.3	-5.3	-10.8
GIW-04	6/28/2016 8:21	0.5	56.8	0.1	42.6	92.6		4	6	-5.9	-5.8	-10.4
GIW-05	6/6/2016 9:42	2.0	60.0	0.4	37.6	85.2		12	14	-3.0	-3.0	-12.7
GIW-05	6/6/2016 9:52	2.3	59.6	0.4	37.7	85.5		7	12	-1.1	-1.1	-13.6
GIW-05	6/13/2016 10:40	1.7	57.9	0.0	40.4	102.1		5	6	0.6	0.6	-10.4
GIW-05	6/13/2016 10:42	2.0	60.2	0.0	37.8	105.5		8	8	-0.8	-0.8	-10.7
GIW-05	6/20/2016 7:44	1.8	53.2	0.1	44.9	85.8		9	9	-0.2	-0.2	-11.9
GIW-05	6/27/2016 8:12	2.0	57.3	0.0	40.7	91.0		6	6	1.5	-3.7	-10.5
GIW-05	6/27/2016 8:13	1.9	60.2	0.0	37.9	91.9		0	0	-4.4	-4.5	-11.0
GIW-06	6/6/2016 11:40	2.3	55.3	1.8	40.6	94.5		252	253	-11.9	-12.0	-13.1
GIW-06	6/6/2016 11:48	2.8	57.3	1.0	38.9	96.2		201	201	-7.1	-7.1	-13.1
GIW-06	6/13/2016 10:45	2.1	50.7	4.0	43.2	103.5		222	222	-9.5	-9.5	-10.0
GIW-06	6/20/2016 9:01	3.4	53.2	1.3	42.1	90.5				-11.2	-11.0	-11.4
GIW-06	6/28/2016 8:58	3.2	55.7	1.2	39.9	91.9				-10.4	-10.4	-11.1
GIW-07	6/6/2016 11:51	14.3	58.1	2.4	25.2	93.1		8	10	-1.0	-1.0	-12.4
GIW-07	6/6/2016 11:59	15.4	57.7	2.0	24.9	95.0		9	11	-0.2	-0.2	-13.5
GIW-07	6/13/2016 10:48	13.9	58.7	2.1	25.3	107.7		6	7	-0.7	-0.7	-10.7
GIW-07	6/20/2016 8:59	10.6	54.6	4.6	30.2	92.9		2	2	-1.2	-1.2	-11.4
GIW-07	6/28/2016 8:56	9.5	54.4	4.8	31.3	95.2		6	6	-1.4	-1.4	-11.1
GIW-08	6/6/2016 11:43	4.5	61.5	2.5	31.5	95.8		4	4	-0.9	-0.9	-14.3
GIW-08	6/6/2016 11:48	3.1	47.7	7.2	42.0	97.1		3	3	-0.8	-0.8	-14.1
GIW-08	6/13/2016 10:57	2.0	29.2	14.5	54.3	106.7				-0.7	-0.7	-10.5
GIW-08	6/13/2016 10:59	2.8	36.4	12.4	48.4	108.2				-0.7	-0.7	-10.9

June 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_2O		
GIW-08	6/20/2016 8:53	4.1	56.3	3.8	35.8	88.4		3	2	-0.9	-0.8	-12.9
GIW-08	6/28/2016 8:53	3.2	57.4	4.7	34.7	93.3		6	5	-0.9	-0.9	-10.1
GIW-09	6/6/2016 12:06	2.9	20.6	14.8	61.7	92.9				-0.3	-0.3	-13.1
GIW-09	6/6/2016 12:12	4.2	25.9	13.4	56.5	93.4				-0.3	-0.3	-13.1
GIW-09	6/13/2016 11:02	1.1	20.8	16.4	61.7	102.8				-0.3	-0.3	-10.4
GIW-09	6/13/2016 11:03	1.2	22.2	15.8	60.8	103.8				-0.3	-0.3	-10.4
GIW-09	6/20/2016 8:51	2.4	50.3	4.7	42.6	90.5				-0.6	-0.6	-12.2
GIW-09	6/28/2016 8:50	2.8	50.8	4.3	42.1	89.8				-0.6	-0.6	-10.8
GIW-10	6/6/2016 9:56	0.7	56.3	0.0	43.0	91.4		11	12	-0.3	-0.3	-13.4
GIW-10	6/6/2016 10:02	1.5	44.1	0.1	54.3	91.5		17	14	0.0	0.0	-13.1
GIW-10	6/13/2016 10:36	0.4	55.4	0.0	44.2	105.3		8	9	0.1	0.1	-10.4
GIW-10	6/13/2016 10:37	0.4	55.7	0.0	43.9	106.9		0	0	-0.1	-0.1	-9.7
GIW-10	6/20/2016 8:48	0.3	56.5	0.1	43.1	89.0		2	2	-0.8	-0.8	-11.9
GIW-10	6/28/2016 8:46	0.4	56.5	0.0	43.1	86.3		6	5	-0.3	-0.3	-11.4
GIW-11	6/6/2016 11:23	4.3	63.0	0.1	32.6	92.0				-0.1	-0.1	-16.2
GIW-11	6/6/2016 11:33	4.3	63.4	0.1	32.2	95.0				-0.1	-0.1	-16.4
GIW-11	6/13/2016 10:19	1.9	60.5	1.0	36.6	103.5				-0.5	-0.5	-16.4
GIW-11	6/13/2016 10:22	2.0	60.4	1.0	36.6	104.7				-0.3	-0.3	-17.4
GIW-11	6/20/2016 8:45	1.7	56.4	1.5	40.4	96.6				-0.6	-0.6	-17.4
GIW-11	6/28/2016 8:42	2.9	64.3	0.0	32.8	90.5				0.1	-0.7	-17.5
GIW-11	6/28/2016 8:43	2.8	64.5	0.0	32.7	90.1				-0.8	-0.8	-17.7
GIW-12	6/6/2016 11:14	2.4	59.0	1.5	37.1	94.1				-0.1	-0.1	-16.4
GIW-12	6/6/2016 11:20	2.4	59.1	1.4	37.1	95.3				-0.1	-0.1	-15.2
GIW-12	6/13/2016 10:09	0.8	42.3	8.1	48.8	101.1				-0.3	-0.3	-14.4
GIW-12	6/13/2016 10:13	0.7	40.0	9.5	49.8	99.2				-0.2	-0.2	-15.7
GIW-12	6/20/2016 8:42	1.0	52.2	4.8	42.0	92.2				-0.3	-0.3	-17.2
GIW-12	6/28/2016 8:39	1.6	64.5	0.0	33.9	86.7				-0.1	-0.1	-13.1
GIW-13	6/6/2016 11:02	8.4	63.6	0.1	27.9	90.7				-0.8	-0.8	-12.7
GIW-13	6/6/2016 11:10	8.6	62.9	0.1	28.4	91.5				-0.2	-0.2	-13.1
GIW-13	6/13/2016 10:04	6.5	62.3	0.0	31.2	106.2				-1.1	-1.1	-12.3
GIW-13	6/13/2016 10:06	6.7	62.6	0.0	30.7	106.0				-0.4	-0.4	-12.1
GIW-13	6/20/2016 8:39	6.2	60.2	0.2	33.4	91.9				-0.9	-0.9	-12.4
GIW-13	6/28/2016 8:35	11.1	58.9	0.0	30.0	89.9				-4.1	-4.1	-11.8
LCS-5A	6/8/2016 11:35	56.7	40.6	0.0	2.7	98.0				-11.2	-11.2	-12.0
LCS-5A	6/15/2016 8:16	57.5	40.4	0.0	2.1	94.6				-12.5	-12.6	-11.7
LCS-5A	6/20/2016 10:28	54.5	42.0	0.1	3.4	95.7				-11.8	-12.2	-11.8
LCS-5A	6/27/2016 17:23	57.5	40.0	0.2	2.3	98.7				-12.3	-12.3	-12.4
LCS-6B	6/8/2016 9:29	52.5	40.8	0.3	6.4	89.0		0	7	-0.5	-0.5	-13.1
LCS-6B	6/14/2016 11:33	55.2	40.3	0.0	4.5	104.8		0	0	0.0	0.0	-12.4
LCS-6B	6/14/2016 11:35	55.4	42.3	0.0	2.3	105.2		0	0	-0.1	-0.1	-12.1
LCS-6B	6/20/2016 9:54	53.9	41.3	0.1	4.7	99.9		9	9	-0.2	-0.2	-12.5
LCS-6B	6/27/2016 14:59	54.2	41.3	0.3	4.2	109.5		10	10	0.1	0.1	-13.2
LCS-6B	6/27/2016 15:03	53.8	42.8	0.3	3.1	110.2		9	9	-0.5	-0.5	-13.2

June 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_2O		
PGW-60	6/1/2016 9:21	62.1	37.2	0.0	0.7	78.0		6	9	-6.1	-6.2	-6.4
SEW-002	6/8/2016 11:29	0.9	2.0	19.7	77.4	91.1		3	5	-4.8	-4.9	-12.1
SEW-002	6/8/2016 11:31	1.2	2.8	18.9	77.1	93.2		8	3	-7.1	-7.3	-12.6
T-56	6/1/2016 10:06	39.9	33.0	1.6	25.5	71.6		16	18	-0.1	-0.1	-12.4
T-56	6/1/2016 10:08	40.5	31.8	1.6	26.1	72.3		16	14	0.0	0.0	-13.3

Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)				Temp Trend ><30°F	Comments
	March 2016	April 2016	May 2016	June 2016		
GEW-001	--	--	--	--		
GEW-002	124.2	125.4	128.1	127.8		
GEW-003	115.2	121.5	117.3	117.3		
GEW-004	116.5	119.1	122.0	122.6		
GEW-005	94.0	97.6	95.0	98.7		
GEW-006	91.1	93.1	90.8	93.9		
GEW-007	92.1	94.0	97.1	103.4		
GEW-008	113.2	112.5	114.3	114.9		
GEW-009	126.4	124.9	128.6	125.8		
GEW-010	94.6	103.0	98.9	97.5		
GEW-011	--	--	--	--		
GEW-013A	152.2	160.1	156.6	165.5		
GEW-014A	--	--	--	--		
GEW-015	--	--	--	--		
GEW-016R	--	--	--	--		
GEW-018B	--	--	--	--		
GEW-018R	--	--	--	--		
GEW-019A	--	--	--	--		
GEW-020A	--	--	--	--		
GEW-021A	--	--	--	--		
GEW-022R	193.1	192.5	190.2	193.7		
GEW-023A	--	--	--	--		
GEW-024A	--	--	--	--		
GEW-025A	--	--	--	--		
GEW-026R	--	--	--	--		
GEW-027A	--	--	--	--		
GEW-028R	192.1	189.1	83.4	84.0		
GEW-029	--	--	--	--		
GEW-030R	--	--	--	--		
GEW-033R	--	--	--	--		
GEW-034	--	--	--	--		
GEW-034A	--	--	--	--		
GEW-035	--	--	--	--		
GEW-036	--	--	--	--		
GEW-037	--	--	--	--		
GEW-038	79.5	102.2	105.2	110.6		
GEW-039	133.4	134.7	134.4	136.0		
GEW-040	87.3	92.7	91.7	97.1		
GEW-041R	109.0	105.8	107.1	108.0		
GEW-042R	110.0	110.6	113.7	114.8		
GEW-043R	134.3	137.6	131.0	124.5		
GEW-044	85.3	90.4	90.4	97.2		

Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)				Temp Trend ><30°F	Comments
	March 2016	April 2016	May 2016	June 2016		
GEW-045R	84.7	98.5	91.3	105.2		
GEW-046R	99.6	98.0	100.4	102.2		
GEW-047R	115.2	116.5	114.8	118.1		
GEW-048	106.0	105.1	105.5	107.5		
GEW-049	116.4	110.9	113.8	115.0		
GEW-050	108.5	108.4	107.3	110.3		
GEW-051	128.9	124.3	129.8	131.4		
GEW-052	117.4	113.5	117.1	117.0		
GEW-053	140.0	142.2	142.0	143.0		
GEW-054	147.7	154.9	155.0	154.0		
GEW-055	125.8	128.1	130.0	130.0		
GEW-056R	158.8	157.0	156.5	155.5		
GEW-057B	113.0	127.8	89.3	145.2		
GEW-057R	148.9	146.6	133.7	131.2		
GEW-058	177.2	183.5	179.8	148.0		
GEW-058A	154.5	89.9	79.2	99.8		
GEW-059R	189.1	191.3	189.6	192.9		
GEW-061B	--	--	--	--		
GEW-064A	--	--	--	--		
GEW-065A	96.1	92.9	81.9	98.4		
GEW-066	--	--	--	--		
GEW-067A	125.0	84.9	179.7	193.7		
GEW-068A	--	--	--	--		
GEW-069R	--	--	--	--		
GEW-070R	--	--	--	--		
GEW-071	--	--	--	--		
GEW-071B	--	--	--	--		
GEW-072RR	--	--	--	--		
GEW-073R	--	--	--	--		
GEW-075	--	--	--	--		
GEW-076R	--	--	--	--		
GEW-077	--	--	111.6	120.7		
GEW-078R	--	--	191.6	190.2		
GEW-080	--	--	95.0	82.3		
GEW-081	--	--	125.8	87.6		
GEW-082R	196.5	194.2	192.1	191.6		
GEW-083	--	--	--	--		
GEW-084	--	--	--	--		
GEW-085	--	--	--	--		
GEW-086	84.1	81.7	64.6	96.2		
GEW-087	--	--	--	--		
GEW-088	--	--	--	--		

Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)				Temp Trend ><30°F	Comments
	March 2016	April 2016	May 2016	June 2016		
GEW-089	74.8	72.4	71.7	99.2		
GEW-090	183.5	185.2	183.0	189.6		
GEW-091	--	--	--	--		
GEW-100	--	--	--	--		
GEW-101	--	--	--	--		
GEW-102	184.1	193.7	192.5	192.3		
GEW-103	--	--	--	--		
GEW-104	--	--	110.0	104.5		
GEW-105	--	--	69.6	178.7		
GEW-106	--	--	--	--		
GEW-107	69.5	92.1	77.8	92.3		
GEW-108	--	76.9	78.5	92.8		
GEW-109	117.0	139.7	103.8	111.8		
GEW-110	101.1	113.5	108.2	111.7		
GEW-112	--	--	75.5	93.6		
GEW-113	--	--	184.7	171.6		
GEW-116	71.0	70.4	71.4	90.8		
GEW-117	105.0	102.1	87.0	95.3		
GEW-118	--	194.3	194.8	200.1		
GEW-120	175.2	165.5	160.6	146.5		
GEW-121	189.6	175.7	197.9	184.6		
GEW-122	181.9	188.5	168.8	180.4		
GEW-123	190.8	114.2	187.9	187.9		
GEW-124	129.3	67.8	88.1	98.9		
GEW-125	52.3	190.1	190.5	196.0		
GEW-126	190.8	95.6	186.7	185.2		
GEW-127	189.8	178.2	184.1	189.0		
GEW-128	179.9	174.6	177.2	174.8		
GEW-129	167.9	176.2	176.7	104.7		
GEW-130	--	182.7	193.7	179.2		
GEW-131	173.1	175.2	181.9	187.7		
GEW-132	169.2	172.7	169.7	166.9		
GEW-133	51.8	60.5	98.3	98.1		
GEW-134	118.6	118.3	135.6	139.8		
GEW-135	172.7	144.4	166.4	176.4		
GEW-136	109.9	112.3	120.2	126.9		
GEW-137	104.7	89.6	103.3	107.5		
GEW-138	145.1	151.7	137.3	150.5		
GEW-139	187.9	190.2	185.2	180.8		
GEW-140	174.1	161.4	163.6	176.2		
GEW-141	116.0	69.7	104.3	152.1		
GEW-142	38.8	67.1	94.6	97.9		

Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)				Temp Trend ><30°F	Comments
	March 2016	April 2016	May 2016	June 2016		
GEW-143	54.9	64.8	91.1	104.0		
GEW-144	92.7	64.0	102.8	94.4		
GEW-145	179.8	173.1	163.6	166.1		
GEW-146	78.0	79.9	94.1	104.7		
GEW-147	169.7	191.6	189.6	190.2		
GEW-148	66.4	55.5	92.5	99.0		
GEW-149	116.3	131.5	167.4	167.2		
GEW-150	152.5	150.1	159.2	150.3		
GEW-151	135.7	165.9	93.1	157.1		
GEW-152	168.1	175.7	167.8	182.9		
GEW-153	160.1	151.4	157.9	155.6		
GEW-154	147.5	130.2	151.0	186.4		
GEW-155	117.0	112.5	185.1	127.8		
GEW-156	95.4	88.9	122.1	124.8		
GEW-157	191.3	66.0	93.6	164.3		
GEW-158	71.2	65.7	88.6	91.4		
GEW-159	161.4	154.1	154.1	154.3		
GEW-160	72.4	60.0	186.3	171.1		
GEW-161	73.2	59.0	96.7	109.7		
GEW-162	78.0	178.2	94.8	179.8		
GEW-163	--	--	170.0	169.9		
GEW-164	--	--	171.6	161.4		
GEW-165	--	--	191.6	195.7		
GEW-166	--	--	174.7	188.5		
GEW-167	--	--	179.8	180.3		
GEW-168	--	--	157.0	190.8		
GEW-169	--	--	191.4	193.6		
GEW-170	--	--	185.8	180.6		
GEW-171	--	--	100.4	187.4		
GEW-172	--	--	119.9	192.3		
GEW-173	--	--	102.6	106.1		
GEW-174	--	--	174.6	173.1		
GEW-175	--	--	127.8	163.3		
GEW-176	--	--	89.5	120.2		
GEW-1A	--	--	95.9	113.5		
GEW-2S	--	--	99.9	108.0		
GIW-01	186.8	183.5	184.6	171.6		
GIW-02	73.7	84.0	98.4	103.8		
GIW-03	75.5	86.0	94.6	101.0		
GIW-04	77.5	88.4	99.1	106.5		
GIW-05	83.0	86.9	96.0	105.5		
GIW-06	81.0	88.0	99.7	103.5		

Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)				Temp Trend ><30°F	Comments
	March 2016	April 2016	May 2016	June 2016		
GIW-07	78.0	90.1	97.9	107.7		
GIW-08	77.9	92.9	101.8	108.2		
GIW-09	79.0	72.2	106.6	103.8		
GIW-10	81.9	90.3	101.3	106.9		
GIW-11	86.9	96.0	107.7	104.7		
GIW-12	87.1	91.9	99.4	101.1		
GIW-13	78.4	99.4	96.7	106.2		
LCS-1D	--	--	--	--		
LCS-2D	--	--	--	--		
LCS-3C	--	--	--	--		
LCS-4B	--	--	--	--		
LCS-5A	93.6	95.9	95.8	98.7		
LCS-6B	93.9	88.6	96.7	110.2		
PGW-60	76.4	77.5	88.6	78.0		
SEW-002	69.8	85.2	74.3	93.2		
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	47.1	60.8	70.0	72.3		

-- = Indicates no data available.

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO_2	O_2/Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)					(ppm)	
North Quarry								
GEW-002	2/15/2016	52	41	1.7	5.8	ND	ND	See Note 3
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-003	2/15/2016	56	42	ND	ND	0.1	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-004	2/15/2016	55	41	ND	3.3	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-005	2/15/2016	54	38	ND	7.6	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-006	3/7/2016	56	38	ND	5.4	ND	ND	
GEW-006	5/12/2016	50	37	ND	13	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-008	2/15/2016	50	47	ND	ND	0.7	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-009	2/17/2016	54	43	ND	ND	0.7	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-040	2/15/2016	55	38	1.4	5.2	ND	ND	See Note 3
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-041R	3/7/2016	57	41	ND	ND	ND	ND	
GEW-041R	5/9/2016	57	40	ND	ND	ND	ND	
GEW-042R	2/15/2016	56	41	ND	ND	0.04	ND	
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-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-044	3/7/2016	58	40	ND	ND	ND	ND	
GEW-044	5/9/2016	51	35	ND	ND	ND	ND	
GEW-045R	2/15/2016	57	39	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	

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO_2	O_2/Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)					(ppm)	
GEW-045R	6/7/2016	54	41	ND	4.2	ND	ND	
GEW-046R	2/15/2016	55	40	ND	4.3	0.1	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-047R	2/15/2016	50	38	ND	11	0.2	ND	
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-048	2/15/2016	56	40	ND	3.8	0.03	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-049	2/15/2016	55	37	ND	6.3	0.1	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	0.05	ND	
GEW-049	6/8/2016	51	37	ND	11.0	0.05	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-051	3/7/2016	55	42	ND	ND	1.2	ND	
GEW-051	5/13/2016	55	41	ND	ND	1.1	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-053	2/15/2016	50	41	ND	ND	5.8	57	
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-054	2/15/2016	51	41	ND	3.4	4.3	ND	
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-055	2/15/2016	54	43	ND	ND	1.4	ND	
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	

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.

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO_2	O_2/Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)					(ppm)	
South Quarry								
GEW-010	2/16/2016	50	41	1.6	6.5	0.2	31	See Note 4
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-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-038	2/16/2016	0.3	44	6.6	24	25	2,600	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-039	2/16/2016	42	55	ND	ND	0.9	75	
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-056R	2/16/2016	20	38	ND	30	10	620	
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-057R	5/9/2016	10	48	3.9	24	13	1,400	See Note 4
GEW-058	5/9/2016	5	51	1.7	6.9	34	2,200	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-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-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-086	5/10/2016	5.7	48	ND	3.7	41	2,300	
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-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	See Note 3
GEW-109	2/16/2016	3.4	63	ND	ND	32	2,300	
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-110	2/16/2016	7	34	9	36	14	810	See Note 4
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
GEW-110	6/6/2016	15	36	3.2	42	2.9	300	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-118	5/10/2016	1.6	49	1.8	6.2	40	2,200	See Note 3
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-121	3/2/2016	4.5	61	ND	ND	31	2,600	

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO_2	O_2/Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)					(ppm)	
GEW-121	5/11/2016	6.6	56	ND	4.6	30	2,200	
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-123	5/11/2016	4	59	ND	ND	31	3,400	
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-125	5/11/2016	0.5	60	ND	ND	36	3,300	
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-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-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-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-130	5/10/2016	0.3	58	ND	ND	38	4,400	
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-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-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-135	5/12/2016	4.1	31	9	40	15	910	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-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-139	3/4/2016	1	60	ND	ND	35	4,000	
GEW-139	5/12/2016	1.1	41	6.7	26	25	2,700	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-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-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-151	5/12/2016	0.2	6.9	19	68	6.3	570	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-153	3/9/2016	23	45	ND	12	18	810	
GEW-153	5/13/2016	21	47	ND	7.7	23	1,100	
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	

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO_2	O_2/Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)					(ppm)	
GEW-156	5/12/2016	6.3	20	12	60	1.5	230	See Note 4
GEW-158	5/18/2016	0.8	45	4.9	19	30	1,900	See Note 4
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-160	5/12/2016	3	54	1.8	6.6	33	2,800	See Note 3
GEW-161	5/12/2016	1.3	28	4.3	25	40	3,000	See Note 4
GEW-162	5/12/2016	15	56	3.6	13	11	940	See Note 3
GEW-163	5/11/2016	6.8	47	6.2	27	11	1,300	See Note 4
GEW-164	5/11/2016	6.3	73	1.8	6.6	11	1,800	See Note 4
GEW-165	5/11/2016	1	69	ND	3.9	22	4,400	
GEW-166	5/11/2016	1.4	56	1.8	7	31	3,800	See Note 4
GEW-167	5/11/2016	4.2	35	7.9	34	18	1,600	See Note 4
GEW-168	5/11/2016	0.4	67	ND	ND	27	4,400	
GEW-169	5/10/2016	0.2	63	ND	3.9	30	5,000	
GEW-170	5/10/2016	0.8	65	ND	ND	30	4,500	
GEW-171	5/18/2016	1.3	47	5.2	19	27	2,800	See Note 4
GEW-172	5/18/2016	0.2	47	2.3	8	41	3,500	See Note 4
GEW-173	5/12/2016	12	47	2.9	22	15	1,800	See Note 4
GEW-174	5/12/2016	10	50	ND	17	21	1,700	
GEW-175	5/18/2016	16	50	4.2	19	11	980	See Note 4
GEW-176	5/18/2016	6.5	61	ND	ND	30	2,700	
GIW-01	2/16/2016	1.7	61	2.7	9.8	24	2,500	See Note 4
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-02	2/17/2016	8	40	7.8	33	10	620	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-03	2/17/2016	0.3	36	9.3	33	21	2,100	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-04	2/17/2016	0.6	43	4.2	15	36	2,300	See Note 3
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-05	2/16/2016	2.2	57	ND	4.7	34	1,700	
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-06	2/17/2016	1.1	59	ND	ND	36	1,500	
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-07	2/17/2016	15	68	ND	ND	15	1,500	
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

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO_2	O_2/Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)					(ppm)	
GIW-08	2/17/2016	25	62	ND	10	2.2	360	
GIW-08	3/2/2016	19	66	ND	12	1.7	290	
GIW-08	4/13/2016	17	51	ND	28	1.6	250	
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-09	2/17/2016	6.2	17	14	57	4.9	320	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-10	2/17/2016	0.4	53	ND	ND	44	3,200	
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-11	2/16/2016	4.4	39	6	29	21	1,700	See Note 4
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-12	2/16/2016	5.3	20	12	60	2.6	240	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-13	2/16/2016	13	58	ND	7.6	21	1,500	
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	
Flare Station²	2/2/2016	11.8	37.7	7.8	31.0	10.9	1,050	See Note 6
Flare Station²	3/2/2016	10.7	34.6	8.8	35.3	9.6	910	See Note 7
Flare Station²	4/12/2016	8.2	37	8.1	35.0	10.5	1,050	See Note 6
Flare Station²	5/3/2016	9.2	41.3	6.3	29.5	12.4	1,200	See Note 6
Flare Station²	6/7/2016	8.8	40.3	6.9	30.5	12.1	1,200	See Note 6
Flare Station²	7/6/2016	9.5	41.2	6.5	29.0	12.1	1,100	See Note 7

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)