August 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	8/3/2016 16:33	57.0	40.3	0.0	2.7	124.5		67	60	-1.2	-1.0	-11.6
GEW-002	8/4/2016 9:01	59.9	38.6	0.0	1.5	123.2		25	19	-1.1	-1.2	-12.4
GEW-002	8/4/2016 9:06	57.7	39.6	0.0	2.7	120.5		35	34	-0.5	-0.5	-12.4
GEW-002	8/15/2016 9:04	56.4	39.5	0.0	4.1	116.3		18	17	-0.1	-0.1	-12.7
GEW-002	8/24/2016 14:05	44.5	34.1	0.2	21.2	121.8		24	23	-1.1	-1.1	-11.6
GEW-002	8/30/2016 8:20	50.5	39.8	1.3	8.4	112.8		0	0	0.6	0.6	-12.4
GEW-002	8/30/2016 8:22	51.1	40.4	1.1	7.4	118.9		20	14	0.3	0.3	-12.3
GEW-003	8/3/2016 9:44	55.4	39.9	0.1	4.6	118.3		14	14	-0.1	-0.1	-12.5
GEW-003	8/10/2016 13:35	55.0	39.0	0.0	6.0	118.8		15	12	-0.1	-0.1	-11.5
GEW-003	8/10/2016 13:42	54.9	40.1	0.1	4.9	118.9		0	0	-0.1	-0.1	-11.5
GEW-003	8/15/2016 9:08	55.5	39.3	0.0	5.2	114.6		28	27	-0.1	-0.1	-12.9
GEW-003	8/24/2016 14:09	52.2	39.1	0.2	8.5	117.1		29	25	-1.7	-1.7	-10.8
GEW-003	8/24/2016 14:13	51.5	39.4	0.3	8.8	115.8		36	35	-1.1	-1.2	-11.3
GEW-003	8/30/2016 8:25	51.5	40.2	0.1	8.2	115.5		10	9	0.0	0.0	-11.9
GEW-004	8/3/2016 9:48	54.2	41.1	0.1	4.6	121.0		15	14	-0.2	-0.2	-12.6
GEW-004	8/10/2016 13:45	54.6	39.0	0.0	6.4	121.3		14	16	-0.2	-0.2	-11.5
GEW-004	8/10/2016 13:52	54.5	40.9	0.1	4.5	121.2		0	0	-0.2	-0.2	-11.9
GEW-004	8/15/2016 9:13	54.5	39.7	0.0	5.8	117.0		7	10	-0.2	-0.2	-12.9
GEW-004	8/24/2016 14:16	51.2	38.9	0.2	9.7	120.7		18	17	-0.9	-0.9	-11.1
GEW-004	8/24/2016 14:18	51.5	39.0	0.2	9.3	119.7		40	41	-0.7	-0.7	-11.5
GEW-004	8/30/2016 8:29	52.6	40.5	0.1	6.8	116.5		10	10	0.0	0.0	-11.8
GEW-005	8/3/2016 9:59	47.6	36.7	0.1	15.6	96.0		14	15	-0.1	-0.1	-12.1
GEW-005	8/9/2016 17:04	48.9	36.5	0.0	14.6	97.2		33	35	-0.1	-0.2	-11.7
GEW-005	8/10/2016 15:40	49.7	36.5	0.1	13.7	96.8		14	14	0.0	0.0	-12.1
GEW-005	8/10/2016 15:47	49.8	36.2	0.1	13.9	96.8		17	17	0.0	0.0	-11.9
GEW-005	8/15/2016 9:26	48.3	36.7	0.0	15.0	95.3		17	17	-0.2	-0.2	-12.4
GEW-005	8/24/2016 14:31	43.5	35.7	0.2	20.6	94.6		17	17	-0.5	-0.5	-11.7
GEW-005	8/30/2016 8:41	51.8	38.6	0.1	9.5	95.7		0	0	0.1	0.1	-11.8
GEW-005	8/30/2016 8:43	52.0	38.5	0.1	9.4	97.8		0	0	0.1	0.1	-11.9
GEW-006	8/3/2016 10:56	59.8	34.8	0.2	5.2	91.5		14	14	-0.2	-0.2	-12.1
GEW-006	8/10/2016 8:54	58.2	37.7	0.0	4.1	91.7		16	16	-0.4	-0.4	-11.9
GEW-006	8/15/2016 9:38	57.4	38.2	0.0	4.4	90.7		7	13	-0.1	-0.1	-12.6
GEW-006	8/24/2016 14:37	56.1	38.6	0.3	5.0	92.1		18	17	-0.2	-0.2	-11.6
GEW-006	8/30/2016 8:49	54.5	38.9	0.1	6.5	91.9		0	0	-0.1	-0.1	-12.1
GEW-007	8/3/2016 11:53	56.5	41.8	0.3	1.4	100.2		6	6	-0.7	-0.7	-12.2
GEW-007	8/10/2016 9:06	57.7	40.0	0.0	2.3	99.9		8	8	-1.1	-1.1	-12.2
GEW-007	8/15/2016 10:52	57.0	39.2	0.0	3.8	97.0		7	9	-0.7	-0.7	-12.4
GEW-007	8/24/2016 15:15	56.0	41.3	0.4	2.3	101.4		5	0	-0.5	-0.5	-11.6
GEW-007	8/30/2016 10:27	55.8	40.4	0.3	3.5	100.7		8	7	-0.8	-0.8	-11.2
GEW-008	8/3/2016 11:49	51.8	43.5	0.3	4.4	114.0		12	15	-0.3	-0.3	-12.3
GEW-008	8/10/2016 16:49	50.4	44.9	0.2	4.5	114.3		31	31	-0.2	-0.2	-12.0
GEW-008	8/10/2016 16:55	50.6	45.3	0.2	3.9	114.5		19	17	-0.2	-0.2	-11.9
GEW-008	8/15/2016 10:58	51.0	42.6	0.1	6.3	110.4		9	8	-0.3	-0.3	-12.4

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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-008	8/24/2016 15:12	52.0	43.2	0.4	4.4	114.8		33	34	-0.2	-0.2	-11.4
GEW-008	8/30/2016 10:31	51.0	44.1	0.3	4.6	113.2		14	13	-0.4	-0.4	-11.2
GEW-009	8/3/2016 11:44	53.4	41.6	0.3	4.7	125.8		11	8	-0.2	-0.2	-17.0
GEW-009	8/10/2016 16:58	52.5	42.6	0.2	4.7	126.7		16	11	-0.1	-0.1	-18.0
GEW-009	8/10/2016 17:03	53.0	42.9	0.2	3.9	126.7		16	15	-0.1	-0.1	-17.9
GEW-009	8/15/2016 11:03	52.8	41.6	0.1	5.5	123.2		26	25	-0.2	-0.2	-17.0
GEW-009	8/24/2016 15:09	52.4	41.7	0.4	5.5	126.7		29	27	-0.1	-0.1	-17.8
GEW-009	8/30/2016 10:34	51.5	42.6	0.3	5.6	124.0		10	10	-0.2	-0.2	-16.6
GEW-010	8/1/2016 14:20	45.8	44.0	1.0	9.2	98.5		4	4	-6.1	-6.2	-18.5
GEW-010	8/10/2016 10:06	48.7	43.0	1.2	7.1	100.5		2	3	-5.3	-5.3	-16.8
GEW-010	8/10/2016 10:15	48.6	42.7	1.2	7.5	101.1		3	3	-5.3	-5.3	-16.3
GEW-010	8/10/2016 16:12	44.2	45.9	1.4	8.5	107.2		2	2	-5.3	-5.2	-17.7
GEW-010	8/16/2016 9:37	43.0	41.0	3.0	13.0	82.9		3	3	-6.7	-6.7	-17.7
GEW-010	8/16/2016 9:39	43.9	39.6	2.9	13.6	82.1		3	3	-4.9	-4.9	-17.7
GEW-010	8/22/2016 9:56	57.2	39.9	0.2	2.7	83.2		3	3	-1.0	-1.0	-16.9
GEW-010	8/29/2016 11:51	58.3	40.5	0.5	0.7	109.9		4	3	-0.9	-0.9	-17.2
GEW-013A	8/19/2016 11:07	5.8	28.4	11.8	54.0	147.0		NFD		-2.8	-3.5	-15.8
GEW-013A	8/19/2016 11:09	6.1	27.4	11.8	54.7	146.7		NFD		-3.8	-3.2	-16.0
GEW-022R	8/24/2016 10:55	0.9	60.3	0.9	37.9	185.2		8	12	-13.7	-13.5	-14.0
GEW-022R	8/24/2016 10:57	0.9	61.1	0.9	37.1	185.7		6	6	-13.2	-13.3	-13.2
GEW-028R	8/22/2016 11:20	2.2	51.3	2.7	43.8	95.8		13	16	-9.7	-9.7	-10.0
GEW-028R	8/22/2016 11:24	1.2	49.2	2.6	47.0	94.6		7	7	-12.1	-12.1	-12.4
GEW-038	8/1/2016 11:22	0.6	49.8	5.8	43.8	92.5		5	11	-9.1	-9.1	-13.3
GEW-038	8/1/2016 11:23	0.3	49.0	5.8	44.9	92.8		2	2	-1.1	-1.1	-13.5
GEW-038	8/8/2016 11:11	0.9	52.1	4.2	42.8	96.1		8	8	-6.4	-6.4	-13.2
GEW-038	8/8/2016 11:17	0.1	43.6	4.6	51.7	95.8		10	5	-5.3	-5.4	-12.7
GEW-038	8/15/2016 14:04	0.6	44.0	6.6	48.8	85.7		10	13	-7.2	-7.2	-14.3
GEW-038	8/15/2016 14:09	0.5	56.4	2.7	40.4	85.7		9	12	-2.5	-2.5	-14.1
GEW-038	8/22/2016 8:21	0.7	49.3	4.4	45.6	88.2		6	9	-2.6	-2.7	-11.2
GEW-038	8/29/2016 9:26	0.6	53.7	2.6	43.1	98.1		3	3	-1.4	-1.4	-9.4
GEW-039	8/1/2016 14:23	28.0	39.2	1.8	31.0	134.3		41	41	-5.5	-5.2	-19.8
GEW-039	8/10/2016 8:34	24.8	36.5	3.2	35.5	134.0		40	38	-5.3	-5.3	-18.3
GEW-039	8/10/2016 8:39	25.0	33.9	3.2	37.9	134.0		40	39	-5.3	-5.3	-18.3
GEW-039	8/10/2016 16:15	28.2	37.5	1.4	32.9	134.7				-5.3	-5.3	-19.0
GEW-039	8/10/2016 16:18	26.8	35.3	1.4	36.5	134.7		34	33	-4.6	-4.6	-18.2
GEW-039	8/15/2016 13:54	28.4	38.0	1.9	31.7	130.2		36	39	-4.1	-4.1	-17.1
GEW-039	8/15/2016 13:56	28.6	38.8	1.7	30.9	125.4		16	11	-0.4	-0.4	-17.4
GEW-039	8/22/2016 8:25	43.6	51.9	0.0	4.5	125.4		13	14	-0.2	-0.2	-18.8
GEW-039	8/29/2016 9:34	43.0	53.9	0.2	2.9	127.2		10	8	-0.3	-0.3	-17.5
GEW-040	8/3/2016 9:00	59.2	38.4	0.0	2.4	93.9		14	13	-0.8	-0.8	-12.2
GEW-040	8/10/2016 9:43	57.2	40.7	0.1	2.0	95.6		10	10	-0.9	-0.9	-12.2
GEW-040	8/10/2016 9:52	57.6	40.5	0.1	1.8	95.8		9	8	-0.8	-0.8	-12.2
GEW-040	8/15/2016 8:30	57.1	39.0	0.0	3.9	92.7		7	7	-0.7	-0.7	-12.4

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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	8/24/2016 13:17	57.4	40.2	0.1	2.3	96.4		15	14	-0.6	-0.6	-11.5
GEW-040	8/30/2016 7:51	56.5	41.1	0.0	2.4	95.8		9	9	-0.7	-0.7	-12.1
GEW-041R	8/3/2016 9:04	56.2	39.4	0.5	3.9	105.8		15	17	-0.5	-0.5	-10.6
GEW-041R	8/9/2016 16:22	56.5	35.3	0.3	7.9	107.0		21	18	-0.4	-0.5	-8.4
GEW-041R	8/15/2016 8:35	56.2	39.1	0.0	4.7	105.2		20	20	-0.5	-0.5	-10.7
GEW-041R	8/24/2016 13:22	55.3	39.4	0.3	5.0	106.2		17	19	-0.4	-0.4	-8.3
GEW-041R	8/30/2016 7:55	55.0	39.1	0.4	5.5	105.2		11	11	-0.6	-0.6	-9.6
GEW-042R	8/3/2016 9:10	55.7	42.5	0.0	1.8	108.3		32	31	-0.4	-0.3	-1.5
GEW-042R	8/10/2016 10:13	56.7	40.6	0.2	2.5	115.5		6	16	-1.9	-2.0	-2.0
GEW-042R	8/10/2016 10:21	56.5	41.7	0.2	1.6	114.4		0	11	-1.2	-1.2	-1.9
GEW-042R	8/15/2016 8:39	56.9	38.4	0.0	4.7	108.6		12	12	-0.9	-0.9	-2.1
GEW-042R	8/30/2016 8:00	55.3	42.1	0.0	2.6	93.4		8	7	0.5	0.5	0.7
GEW-042R	8/30/2016 8:01	54.9	42.4	0.0	2.7	94.3		8	7	0.5	0.5	0.7
GEW-043R	8/3/2016 9:14	54.7	42.0	0.3	3.0	122.9		16	10	-0.6	-0.6	-12.7
GEW-043R	8/9/2016 16:27	56.1	37.0	0.1	6.8	123.9		0	0	-0.2	-0.2	-12.0
GEW-043R	8/15/2016 8:44	55.2	40.4	0.0	4.4	120.5		16	13	-0.4	-0.4	-12.9
GEW-043R	8/24/2016 13:27	53.4	41.1	0.2	5.3	129.1		39	35	-1.8	-1.8	-11.4
GEW-043R	8/24/2016 13:29	53.2	41.8	0.2	4.8	128.9		35	31	-1.6	-1.6	-11.7
GEW-043R	8/30/2016 8:05	52.8	41.6	0.2	5.4	127.5		30	28	-1.7	-1.8	-12.1
GEW-043R	8/30/2016 8:07	52.9	42.1	0.2	4.8	127.2		26	23	-1.4	-1.4	-11.6
GEW-044	8/3/2016 9:19	57.6	40.9	0.1	1.4	88.4		0	0	-0.6	-0.5	-4.0
GEW-044	8/9/2016 16:33	56.8	38.9	0.0	4.3	93.9		11	9	-0.3	-0.3	-3.7
GEW-044	8/15/2016 8:49	56.7	40.2	0.0	3.1	86.7		4	3	-0.2	-0.3	-4.7
GEW-044	8/24/2016 13:34	56.1	40.8	0.1	3.0	93.3		10	10	-0.4	-0.4	-2.2
GEW-044	8/30/2016 8:10	56.0	40.9	0.0	3.1	91.4		7	5	-0.5	-0.5	-2.9
GEW-045R	8/3/2016 9:23	55.6	42.3	0.1	2.0	94.3		8	9	-0.6	-0.6	-12.6
GEW-045R	8/10/2016 11:02	54.9	40.2	0.4	4.5	99.4		9	7	-0.6	-0.6	-11.7
GEW-045R	8/10/2016 11:16	54.6	41.5	0.4	3.5	100.1		5	5	-0.1	-0.1	-11.8
GEW-045R	8/15/2016 8:53	56.5	39.1	0.0	4.4	91.9		4	4	0.3	0.3	-13.0
GEW-045R	8/15/2016 8:56	54.8	40.9	0.0	4.3	92.7		5	3	-0.3	-0.3	-12.9
GEW-045R	8/24/2016 13:37	54.4	41.7	0.1	3.8	100.6		9	10	0.4	0.4	-11.1
GEW-045R	8/24/2016 13:38	54.2	42.4	0.2	3.2	100.7		12	9	-0.2	-0.2	-11.1
GEW-046R	8/3/2016 9:27	54.7	40.9	0.1	4.3	101.6		30	30	-0.3	-0.3	-12.9
GEW-046R	8/10/2016 11:20	54.0	40.9	0.3	4.8	101.8		12	13	-0.4	-0.4	-12.1
GEW-046R	8/10/2016 11:27	54.5	41.0	0.3	4.2	101.8		0	0	-0.4	-0.4	-11.9
GEW-046R	8/15/2016 9:01	55.0	39.7	0.0	5.3	99.6		11	10	-0.1	-0.1	-13.0
GEW-046R	8/24/2016 13:42	53.5	40.5	0.2	5.8	96.9		0	0	-0.7	-0.7	-11.5
GEW-046R	8/30/2016 8:15	55.4	40.3	0.0	4.3	99.8		9	10	0.1	0.1	-12.2
GEW-046R	8/30/2016 8:17	55.0	41.2	0.0	3.8	101.4		0	0	0.0	0.0	-12.4
GEW-047R	8/3/2016 9:55	50.0	39.8	0.1	10.1	114.8		16	11	-0.2	-0.2	-12.2
GEW-047R	8/10/2016 14:52	51.8	39.1	0.2	8.9	115.7		14	14	-0.1	-0.1	-11.8
GEW-047R	8/10/2016 14:58	51.8	40.0	0.2	8.0	115.6		18	8	-0.1	-0.1	-11.8
GEW-047R	8/15/2016 9:21	51.7	38.9	0.0	9.4	111.9		30	28	-0.3	-0.2	-12.4

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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-047R	8/24/2016 14:25	41.6	36.3	0.3	21.8	113.2		44	31	-1.8	-1.8	-10.7
GEW-047R	8/24/2016 14:28	44.0	36.4	0.3	19.3	113.2		29	28	-0.8	-0.8	-11.3
GEW-047R	8/30/2016 8:36	54.2	42.5	0.1	3.2	96.9		7	7	0.2	0.2	-11.8
GEW-047R	8/30/2016 8:38	54.3	42.3	0.1	3.3	93.6		10	9	0.1	0.1	-11.8
GEW-048	8/3/2016 10:05	56.1	39.7	0.2	4.0	105.7		5	12	-0.1	-0.1	-9.2
GEW-048	8/10/2016 15:52	55.6	40.2	0.2	4.0	106.1		12	13	0.0	0.0	-8.6
GEW-048	8/10/2016 15:59	56.1	39.9	0.2	3.8	106.5		0	0	0.0	0.0	-7.3
GEW-048	8/15/2016 9:32	56.2	39.0	0.0	4.8	103.6		13	13	-0.2	-0.2	-9.6
GEW-048	8/24/2016 14:34	56.5	39.6	0.3	3.6	106.1		12	8	-0.4	-0.4	-7.8
GEW-048	8/30/2016 8:46	53.9	40.0	0.1	6.0	104.6		15	7	-0.2	-0.1	-9.9
GEW-049	8/3/2016 11:16	52.5	39.0	0.2	8.3	111.0		12	8	-0.1	-0.1	-4.2
GEW-049	8/10/2016 16:31	56.1	40.2	0.2	3.5	112.2		35	35	0.0	0.0	-4.7
GEW-049	8/10/2016 16:37	56.4	39.1	0.1	4.4	112.5		13	14	-0.1	-0.1	-5.1
GEW-049	8/15/2016 9:49	53.8	38.0	0.0	8.2	107.6		8	8	-0.1	-0.1	-4.8
GEW-049	8/24/2016 14:48	49.6	37.8	0.3	12.3	110.1		11	14	-0.1	-0.1	-2.3
GEW-049	8/30/2016 8:56	52.2	38.4	0.1	9.3	109.9		31	29	0.0	-0.1	-2.6
GEW-050	8/3/2016 11:08	57.7	37.7	0.2	4.4	109.2		34	36	-0.2	-0.2	-6.9
GEW-050	8/10/2016 8:59	57.4	39.7	0.0	2.9	109.0		11	18	-0.5	-0.4	-8.0
GEW-050	8/15/2016 10:44	57.2	38.8	0.1	3.9	106.5		17	11	-0.3	-0.3	-8.3
GEW-050	8/24/2016 14:41	57.9	38.7	0.3	3.1	109.2		0	0	-0.2	-0.2	-4.3
GEW-050	8/30/2016 10:21	56.6	39.0	0.2	4.2	108.3		0	0	-0.3	-0.3	-4.3
GEW-051	8/3/2016 11:19	55.2	41.0	0.2	3.6	128.4		30	30	-0.2	-0.2	-12.0
GEW-051	8/10/2016 9:12	55.3	40.7	0.1	3.9	128.6		5	14	-0.4	-0.4	-12.2
GEW-051	8/15/2016 9:54	54.7	40.6	0.0	4.7	125.7		26	27	-0.1	-0.1	-12.2
GEW-051	8/24/2016 14:51	55.1	40.8	0.3	3.8	128.9		31	30	-0.1	0.0	-11.5
GEW-051	8/30/2016 8:59	54.8	41.3	0.1	3.8	126.9		0	0	-0.3	-0.3	-11.2
GEW-052	8/3/2016 11:12	55.0	39.7	0.2	5.1	115.6		18	12	-0.2	-0.2	-12.1
GEW-052	8/10/2016 9:02	55.9	38.9	0.0	5.2	115.0		42	41	-0.4	-0.3	-12.4
GEW-052	8/15/2016 10:48	55.2	38.9	0.0	5.9	112.9		15	13	-0.2	-0.2	-12.4
GEW-052	8/24/2016 14:44	56.4	40.2	0.3	3.1	116.0		20	21	-0.2	-0.2	-11.6
GEW-052	8/30/2016 10:24	54.4	40.4	0.3	4.9	113.8		8	14	-0.3	-0.3	-11.3
GEW-053	8/3/2016 11:25	49.4	44.0	0.3	6.3	142.2		7	12	-0.2	-0.2	-12.1
GEW-053	8/3/2016 11:26	49.3	44.2	0.3	6.2	142.2		6	14	-0.2	-0.3	-11.8
GEW-053	8/10/2016 13:23	50.0	42.7	0.0	7.3	140.4		28	29	-0.2	-0.1	-11.7
GEW-053	8/10/2016 13:32	49.6	41.6	0.0	8.8	140.4		30	31	-0.1	-0.1	-11.8
GEW-053	8/15/2016 10:02	50.0	42.0	0.0	8.0	140.0		7	12	-0.2	-0.2	-12.3
GEW-053	8/15/2016 10:03	49.6	42.5	0.0	7.9	140.4		27	28	-0.2	-0.2	-12.5
GEW-053	8/24/2016 14:55	49.8	42.6	0.4	7.2	142.9		33	33	0.0	-0.1	-11.6
GEW-053	8/24/2016 14:56	49.3	43.5	0.4	6.8	142.9		31	31	-0.1	-0.1	-11.4
GEW-053	8/30/2016 7:41	50.9	40.9	0.0	8.2	141.5		17	17	-0.6	-0.7	-12.1
GEW-053	8/30/2016 7:42	49.9	43.1	0.0	7.0	141.8		37	37	-0.6	-0.7	-11.9
GEW-054	8/3/2016 11:34	52.7	40.8	0.2	6.3	147.3		45	44	-2.8	-2.8	-9.3
GEW-054	8/3/2016 11:35	52.0	42.1	0.3	5.6	147.3		54	39	-2.7	-2.8	-9.2

August 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-054	8/4/2016 9:12	51.8	42.7	0.0	5.5	147.3		44	51	-2.8	-2.8	-9.3
GEW-054	8/4/2016 9:16	51.5	43.3	0.0	5.2	147.1		45	30	-3.2	-3.2	-9.4
GEW-054	8/5/2016 9:05	50.9	42.8	0.1	6.2	147.0		51	50	-3.4	-3.4	-10.1
GEW-054	8/10/2016 13:41	52.2	42.3	0.1	5.4	144.0		39	30	-3.1	-3.1	-8.8
GEW-054	8/10/2016 13:49	52.1	42.6	0.1	5.2	144.0		42	40	-3.5	-3.3	-8.7
GEW-054	8/15/2016 10:07	52.2	41.2	0.0	6.6	142.2		41	47	-3.8	-4.0	-10.3
GEW-054	8/15/2016 10:08	52.1	41.1	0.0	6.8	142.2		38	44	-3.9	-3.9	-10.7
GEW-054	8/24/2016 15:01	53.0	40.6	0.3	6.1	146.6		43	46	-3.0	-3.0	-8.6
GEW-054	8/24/2016 15:02	51.9	42.1	0.4	5.6	146.6		28	44	-2.9	-3.0	-8.0
GEW-054	8/25/2016 11:51	57.7	42.1	0.2	0.0	146.2		42	39	-3.4	-3.4	-9.3
GEW-054	8/25/2016 11:56	57.0	41.0	0.2	1.8	146.6		45	43	-4.2	-4.2	-8.1
GEW-054	8/26/2016 8:14	53.0	41.5	0.0	5.5	145.9		58	56	-4.9	-5.0	-9.9
GEW-054	8/26/2016 8:15	52.3	42.1	0.0	5.6	146.3		54	48	-4.9	-4.9	-9.9
GEW-054	8/29/2016 8:21	52.7	43.2	0.0	4.1	146.2		39	42	-4.7	-4.7	-9.4
GEW-054	8/29/2016 8:22	52.3	43.4	0.0	4.3	146.6		40	49	-4.8	-4.8	-9.5
GEW-054	8/30/2016 7:44	52.0	43.1	0.0	4.9	146.2		45	39	-4.9	-4.7	-9.7
GEW-054	8/30/2016 7:45	52.2	42.9	0.0	4.9	146.6		50	51	-4.7	-4.7	-8.3
GEW-055	8/3/2016 11:39	52.6	42.1	0.3	5.0	128.0		9	8	-0.1	-0.1	-10.3
GEW-055	8/10/2016 16:41	52.1	42.4	0.2	5.3	128.5		0	0	-0.1	-0.1	-9.6
GEW-055	8/10/2016 16:46	52.2	43.1	0.2	4.5	128.3		0	0	-0.1	-0.1	-9.7
GEW-055	8/15/2016 10:13	52.3	41.8	0.0	5.9	123.4		24	18	-0.2	-0.2	-10.0
GEW-055	8/24/2016 15:05	52.5	42.3	0.4	4.8	128.3		20	19	0.0	0.0	-9.0
GEW-055	8/24/2016 15:06	52.6	42.4	0.4	4.6	128.9		0	0	0.0	0.0	-8.8
GEW-055	8/30/2016 7:48	52.9	42.7	0.0	4.4	127.5		35	34	-0.5	-0.5	-9.4
GEW-056R	8/1/2016 14:13	13.4	49.5	0.0	37.1	152.1		6	4	-1.8	-1.8	-17.3
GEW-056R	8/1/2016 14:15	15.4	47.0	0.0	37.6	152.1		6	6	-1.8	-1.8	-17.7
GEW-056R	8/10/2016 10:50	18.8	51.3	0.4	29.5	163.6		8	9	-3.1	-3.1	-16.5
GEW-056R	8/10/2016 10:59	19.5	49.5	0.5	30.5	163.6		10	24	-3.6	-3.7	-16.5
GEW-056R	8/10/2016 16:06	18.9	48.8	0.3	32.0	156.5				-7.2	-9.6	-17.3
GEW-056R	8/10/2016 16:08	18.9	49.2	0.3	31.6	159.4				-4.7	-4.7	-18.0
GEW-056R	8/16/2016 9:33	17.9	46.8	0.1	35.2	122.6		25	24	-3.0	-3.1	-17.7
GEW-056R	8/22/2016 10:51	1.5	53.2	0.2	45.1	100.4		3	5	-1.7	-1.7	-17.0
GEW-056R	8/29/2016 11:42	2.0	56.5	0.5	41.0	113.4		1	2	-1.2	-1.2	-16.7
GEW-057B	8/19/2016 9:00	3.7	53.3	0.2	42.8	93.9		14	27	-13.6	-13.5	-14.0
GEW-057R	8/19/2016 8:53	4.3	19.1	9.8	66.8	119.0		13	8	-11.6	-9.7	-14.5
GEW-057R	8/19/2016 8:55	4.8	17.1	9.8	68.3	118.6		14	12	-9.9	-10.2	-12.9
GEW-058	8/19/2016 8:46	1.7	31.1	10.2	57.0	148.8		10	8	-16.7	-16.5	-17.1
GEW-058	8/19/2016 8:48	1.4	29.1	10.1	59.4	152.9		15	11	-13.2	-13.5	-17.5
GEW-058A	8/19/2016 8:38	19.2	37.5	4.4	38.9	122.4		5	3	-6.6	-6.6	-9.4
GEW-058A	8/19/2016 8:42	19.2	41.3	3.5	36.0	112.5		2	2	-0.4	-0.4	-8.9
GEW-059R	8/19/2016 8:24	4.1	47.5	2.5	45.9	180.9		19	10	-16.0	-15.6	-17.3
GEW-059R	8/19/2016 8:26	3.7	45.5	2.5	48.3	182.1		16	19	-14.8	-15.6	-16.0
GEW-067A	8/19/2016 9:34	4.1	30.2	10.1	55.6	135.6		17	18	-11.4	-11.7	-16.7

August 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-067A	8/19/2016 9:36	4.3	29.5	10.4	55.8	136.6		12	13	-8.3	-8.3	-16.6
GEW-077	8/19/2016 14:11	2.7	58.9	0.1	38.3	192.9		NFD		-15.1	-14.8	-14.9
GEW-077	8/19/2016 14:14	3.0	60.6	0.2	36.2	192.9		NFD		-14.8	-14.6	-14.7
GEW-078R	8/19/2016 14:06	13.2	53.0	0.1	33.7	180.9		13	14	-10.2	-10.2	-13.6
GEW-078R	8/19/2016 14:07	14.2	53.9	0.1	31.8	180.9		7	18	-10.0	-10.2	-13.9
GEW-080	8/19/2016 14:20	4.7	10.1	15.1	70.1	96.2		5	7	-14.8	-14.8	-14.7
GEW-080	8/19/2016 14:23	8.6	14.1	12.7	64.6	96.1		3	4	-14.6	-14.7	-14.3
GEW-082R	8/19/2016 10:24	5.4	50.5	0.1	44.0	184.5		3	8	-12.9	-13.1	-11.8
GEW-082R	8/19/2016 10:25	5.4	53.6	0.1	40.9	185.1		11	12	-13.0	-13.5	-12.2
GEW-086	8/19/2016 9:17	17.1	47.0	0.7	35.2	82.5		19	16	-3.5	-4.2	-16.6
GEW-086	8/19/2016 9:19	17.6	49.8	0.2	32.4	81.9		11	11	-11.1	-15.6	-10.8
GEW-089	8/19/2016 9:09	4.5	15.6	16.2	63.7	85.3		3	4	-3.1	-3.1	-16.7
GEW-089	8/19/2016 9:10	4.4	14.9	16.2	64.5	85.0		3	4	-3.1	-3.0	-16.2
GEW-090	8/19/2016 9:26	14.0	48.8	0.2	37.0	174.7		2	15	-16.2	-16.2	-16.7
GEW-090	8/19/2016 9:29	15.2	50.2	0.1	34.5	175.8		11	13	-16.2	-16.3	-16.7
GEW-091	8/19/2016 9:41	3.4	56.4	0.2	40.0	194.3		37	33	-14.2	-14.2	-18.1
GEW-091	8/19/2016 9:43	4.9	61.6	0.1	33.4	195.0		25	30	-15.2	-13.7	-17.4
GEW-102	8/22/2016 11:11	0.1	2.4	19.9	77.6	96.9		NFD		-12.1	-12.3	-12.3
GEW-102	8/22/2016 11:13	0.1	1.5	20.1	78.3	97.7		NFD		-13.2	-13.2	-13.3
GEW-104	8/22/2016 13:04	2.2	61.2	0.1	36.5	95.4		4	4	19.9	20.1	19.7
GEW-104	8/22/2016 13:05	4.6	61.5	0.2	33.7	95.6		6	6	22.4	21.0	22.0
GEW-108	8/19/2016 8:31	0.7	5.3	20.3	73.7	81.5		4	11	-16.2	-17.0	-16.7
GEW-108	8/19/2016 8:33	0.9	4.9	20.1	74.1	81.5		7	4	-16.7	-17.0	-17.1
GEW-109	8/1/2016 14:25	12.0	45.0	0.0	43.0	114.2		8	4	-9.6	-9.8	-18.8
GEW-109	8/8/2016 11:30	12.0	42.8	0.1	45.1	108.1		3	4	-9.4	-9.4	-17.5
GEW-109	8/8/2016 11:36	12.5	43.2	0.2	44.1	108.1		13	1	-9.3	-9.6	-17.9
GEW-109	8/15/2016 14:01	9.6	48.3	0.2	41.9	96.1		3	3	-8.5	-8.3	-18.6
GEW-109	8/22/2016 8:31	13.3	50.6	0.1	36.0	114.0		6	6	-7.3	-7.2	-17.4
GEW-109	8/29/2016 9:29	20.1	55.7	0.4	23.8	137.3		6	5	-17.5	-18.0	-17.5
GEW-109	8/29/2016 9:31	21.4	53.3	0.4	24.9	137.3		9	10	-17.5	-17.5	-17.2
GEW-110	8/1/2016 14:00	1.5	21.8	16.2	60.5	112.3		8	9	0.0	0.0	-17.7
GEW-110	8/1/2016 14:02	1.5	16.6	16.5	65.4	112.4		7	10	0.0	0.0	-18.3
GEW-110	8/10/2016 9:46	1.8	10.4	18.1	69.7	106.5		5	7	0.0	0.0	-16.9
GEW-110	8/10/2016 9:58	1.8	10.4	17.6	70.2	108.8		6	6	0.0	-0.1	-16.2
GEW-110	8/16/2016 8:46	1.3	10.9	18.4	69.4	94.6		7	8	0.0	0.0	-17.7
GEW-110	8/16/2016 8:47	1.4	9.8	18.7	70.1	94.4		8	5	0.0	0.0	-17.8
GEW-110	8/22/2016 9:47	2.6	12.2	17.3	67.9	97.2		7	9	0.0	0.0	-17.1
GEW-110	8/22/2016 9:48	2.5	10.0	17.5	70.0	97.3		6	8	0.0	0.0	-17.0
GEW-110	8/29/2016 11:46	3.6	11.8	17.3	67.3	112.8		8	7	0.0	0.0	-16.5
GEW-110	8/29/2016 11:47	3.7	9.3	17.4	69.6	113.0		6	6	0.0	0.0	-16.2
GEW-110	8/31/2016 14:43	3.0	11.1	16.7	69.2	104.1		7	5	0.0	0.0	-18.2
GEW-110	8/31/2016 14:44	3.0	10.9	16.3	69.8	104.1		7	6	0.0	0.0	-18.1
GEW-112	8/19/2016 9:54	2.0	39.8	5.9	52.3	91.0		NFD		-12.7	-12.7	-14.2

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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-112	8/19/2016 9:56	2.1	42.7	5.3	49.9	91.5		NFD		-12.9	-12.8	-14.3
GEW-113	8/19/2016 10:01	11.0	51.1	1.5	36.4	172.6		NFD		-7.1	-7.0	-16.1
GEW-113	8/19/2016 10:02	12.0	50.0	1.6	36.4	172.6		NFD		-7.0	-7.0	-15.6
GEW-117	8/19/2016 10:40	8.1	61.6	0.5	29.8	98.7		NFD		-13.7	-13.7	-14.2
GEW-118	8/19/2016 10:32	3.1	53.5	1.5	41.9	188.1		53	61	-8.3	-9.3	-11.4
GEW-118	8/19/2016 10:33	3.1	54.9	1.8	40.2	188.3		66	64	-9.8	-9.7	-14.4
GEW-120	8/12/2016 8:38	18.4	57.2	0.3	24.1	152.5		NFD		-13.3	-13.6	-13.3
GEW-120	8/12/2016 8:39	18.4	58.6	0.3	22.7	152.5		NFD		-13.1	-13.3	-13.3
GEW-120	8/25/2016 11:19	20.4	56.7	0.3	22.6	150.1		NFD		-12.9	-13.2	-13.2
GEW-120	8/25/2016 11:21	20.5	57.5	0.3	21.7	150.1		NFD		-13.3	-13.7	-13.8
GEW-121	8/12/2016 8:14	11.3	59.3	0.3	29.1	163.6		17	9	-12.5	-12.3	-12.9
GEW-121	8/12/2016 8:16	11.9	59.5	0.3	28.3	163.2		18	18	-13.1	-12.2	-13.2
GEW-121	8/25/2016 11:31	10.7	54.6	0.3	34.4	175.2		28	25	-12.3	-12.3	-13.1
GEW-121	8/25/2016 11:32	11.8	57.2	0.3	30.7	175.7		23	20	-11.8	-11.8	-12.0
GEW-122	8/11/2016 11:01	8.4	57.4	0.5	33.7	192.5		14	12	-2.6	-2.6	-9.1
GEW-122	8/11/2016 11:02	8.9	57.4	0.5	33.2	192.5		7	6	-2.7	-2.8	-9.2
GEW-122	8/25/2016 13:32	12.8	55.6	0.2	31.4	187.9		17	14	-4.9	-4.7	-14.6
GEW-122	8/25/2016 13:34	13.3	55.9	0.2	30.6	187.9		18	19	-4.7	-4.8	-13.7
GEW-123	8/12/2016 8:00	6.1	62.0	0.4	31.5	186.3		13	16	-12.5	-12.8	-12.7
GEW-123	8/12/2016 8:01	6.5	62.1	0.4	31.0	185.7		13	13	-14.0	-14.2	-13.6
GEW-123	8/25/2016 11:41	25.1	60.0	1.1	13.8	105.4		4	11	-14.1	-14.0	-13.8
GEW-124	8/11/2016 14:21	3.3	27.6	14.1	55.0	105.6		9	8	-12.6	-12.2	-12.2
GEW-124	8/11/2016 14:25	7.0	44.1	6.5	42.4	107.4		3	3	-13.1	-13.1	-11.2
GEW-124	8/25/2016 13:12	2.9	37.3	7.8	52.0	103.6		8	11	-9.1	-8.8	-13.4
GEW-124	8/25/2016 13:15	3.5	45.0	4.8	46.7	105.4		3	7	-9.3	-9.6	-12.7
GEW-125	8/11/2016 10:04	1.1	61.7	0.5	36.7	192.5		34	32	-8.2	-8.4	-12.1
GEW-125	8/11/2016 10:05	1.3	61.4	0.5	36.8	192.6		38	35	-8.3	-8.9	-12.9
GEW-125	8/26/2016 8:52	0.8	58.2	0.0	41.0	191.6		39	36	-9.8	-10.0	-14.9
GEW-125	8/26/2016 8:53	0.9	57.4	0.0	41.7	191.8		33	31	-10.3	-10.1	-14.8
GEW-126	8/11/2016 9:42	12.0	56.5	0.4	31.1	184.6		6	6	-9.7	-9.7	-11.8
GEW-126	8/11/2016 9:43	12.2	56.3	0.4	31.1	184.7		9	6	-9.3	-9.7	-9.8
GEW-126	8/26/2016 9:06	14.4	54.5	0.0	31.1	175.8		4	4	-11.8	-11.5	-12.1
GEW-126	8/26/2016 9:08	14.5	54.8	0.0	30.7	174.7		3	4	-11.5	-11.8	-11.9
GEW-127	8/11/2016 8:33	2.9	64.4	0.4	32.3	188.5		34	39	-11.9	-12.2	-12.5
GEW-127	8/11/2016 8:34	3.0	66.1	0.4	30.5	188.5		32	31	-12.0	-11.7	-12.4
GEW-127	8/26/2016 10:09	3.6	63.7	0.1	32.6	184.5		20	27	-10.4	-10.6	-10.7
GEW-127	8/26/2016 10:11	3.8	63.9	0.1	32.2	184.6		27	32	-11.3	-12.9	-12.1
GEW-128	8/11/2016 7:58	7.0	61.7	0.1	31.2	162.7		26	34	-13.2	-12.2	-12.7
GEW-128	8/11/2016 7:59	6.6	64.9	0.0	28.5	162.9		24	37	-13.7	-13.7	-14.0
GEW-128	8/26/2016 10:23	6.3	51.1	4.7	37.9	167.1		23	24	-11.1	-11.0	-12.6
GEW-128	8/26/2016 10:25	6.8	50.7	4.6	37.9	167.1		25	24	-9.3	-8.9	-14.0
GEW-129	8/11/2016 8:05	1.8	61.0	0.1	37.1	175.7		8	5	-12.6	-13.2	-12.9
GEW-129	8/11/2016 8:09	2.2	66.9	0.2	30.7	177.7		10	18	-5.1	-5.4	-12.6

August 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-129	8/26/2016 10:30	2.4	61.7	0.1	35.8	178.0		12	8	-11.2	-10.5	-13.5
GEW-129	8/26/2016 10:32	2.7	60.9	0.1	36.3	178.0		17	12	-11.2	-10.8	-13.5
GEW-130	8/11/2016 9:07	3.9	41.8	7.7	46.6	170.4		82	81	-6.8	-6.4	-11.4
GEW-130	8/11/2016 9:11	4.1	41.5	7.8	46.6	170.8		77	77	-6.4	-6.2	-12.1
GEW-130	8/26/2016 10:01	3.7	36.7	8.7	50.9	167.1		80	87	-7.4	-7.4	-14.3
GEW-130	8/26/2016 10:03	3.6	36.6	8.5	51.3	168.1		76	77	-6.4	-6.4	-14.7
GEW-131	8/11/2016 9:35	0.3	53.5	0.3	45.9	111.5		NFD		9.3	9.3	9.3
GEW-131	8/11/2016 9:36	0.4	54.0	0.3	45.3	111.6		NFD		9.3	9.3	9.2
GEW-131	8/26/2016 9:19	0.5	50.7	0.0	48.8	82.8		NFD		4.8	4.8	5.0
GEW-131	8/26/2016 9:21	0.4	51.0	0.0	48.6	83.0		NFD		4.6	4.6	4.8
GEW-132	8/12/2016 8:31	10.7	42.6	3.6	43.1	167.3		NFD		-4.8	-4.9	-11.2
GEW-132	8/12/2016 8:34	10.9	42.9	3.6	42.6	167.3		NFD		-4.3	-4.4	-12.6
GEW-132	8/25/2016 11:25	11.5	41.7	4.4	42.4	166.4		NFD		-4.4	-4.4	-10.1
GEW-132	8/25/2016 11:27	11.6	40.7	4.4	43.3	166.6		NFD		-4.5	-4.5	-13.3
GEW-133	8/12/2016 8:45	0.3	17.7	16.8	65.2	90.2		1	2	-13.7	-13.6	-13.8
GEW-133	8/12/2016 8:46	0.5	17.6	16.5	65.4	90.1		7	3	-13.1	-13.2	-12.9
GEW-133	8/25/2016 11:13	0.4	23.1	13.6	62.9	99.4		5	9	-13.7	-13.7	-13.3
GEW-133	8/25/2016 11:15	0.5	26.3	12.8	60.4	98.9		6	6	-13.8	-13.8	-13.6
GEW-134	8/12/2016 8:50	11.7	47.2	1.2	39.9	140.4		NFD		-11.8	-11.8	-13.1
GEW-134	8/12/2016 8:52	11.8	48.4	1.2	38.6	141.1		NFD		-11.8	-12.2	-13.3
GEW-134	8/25/2016 10:26	10.1	40.4	1.4	48.1	142.9		NFD		-12.3	-11.9	-14.1
GEW-134	8/25/2016 10:28	10.1	42.3	1.3	46.3	147.8		NFD		-12.3	-12.4	-14.3
GEW-135	8/12/2016 8:57	0.0	0.9	22.0	77.1	90.1				-7.8	-7.8	-7.5
GEW-135	8/12/2016 8:59	0.0	0.2	22.1	77.7	90.5				-7.3	-7.3	-7.1
GEW-135	8/25/2016 10:18	0.1	1.3	20.9	77.7	98.3		9	11	-6.2	-6.1	-6.0
GEW-135	8/25/2016 10:21	0.0	0.8	21.1	78.1	99.0		8	10	-6.3	-6.4	-5.8
GEW-136	8/12/2016 9:14	3.7	21.4	14.7	60.2	124.2		30	27	-4.3	-4.1	-12.9
GEW-136	8/12/2016 9:17	3.6	19.1	14.9	62.4	123.7		21	23	-3.4	-3.4	-14.0
GEW-136	8/25/2016 10:06	3.7	19.7	14.3	62.3	123.4		20	25	-3.4	-3.6	-12.6
GEW-136	8/25/2016 10:08	3.4	17.6	14.7	64.3	122.8		15	18	-2.0	-2.2	-11.8
GEW-137	8/12/2016 9:23	14.3	29.7	1.4	54.6	96.3		6	8	-11.7	-10.7	-11.4
GEW-137	8/25/2016 10:01	20.4	32.7	0.5	46.4	94.0		6	3	-0.5	-0.5	-10.5
GEW-138	8/12/2016 9:28	3.3	19.9	11.4	65.4	154.1		22	23	-2.7	-2.6	-13.2
GEW-138	8/12/2016 9:29	3.4	19.3	11.6	65.7	154.1		17	18	-1.4	-1.6	-12.4
GEW-138	8/25/2016 10:58	3.8	20.3	10.4	65.5	154.6		16	13	-1.3	-1.2	-11.9
GEW-138	8/25/2016 11:00	3.6	20.7	10.4	65.3	154.9		20	16	-1.6	-1.5	-16.1
GEW-139	8/11/2016 9:18	2.7	41.9	5.8	49.6	178.3		36	34	-9.7	-9.8	-14.1
GEW-139	8/11/2016 9:29	3.1	42.0	5.6	49.3	178.2		30	33	-8.7	-8.7	-14.8
GEW-139	8/26/2016 9:28	5.3	37.3	6.2	51.2	146.3		28	27	-12.4	-12.5	-16.1
GEW-139	8/26/2016 9:31	5.3	37.4	6.2	51.1	147.3		22	22	-11.0	-10.9	-15.6
GEW-140	8/12/2016 13:38	13.0	34.4	4.6	48.0	147.0		21	24	-7.3	-7.3	-11.5
GEW-140	8/12/2016 13:40	13.1	34.9	4.7	47.3	146.3		23	21	-6.3	-5.8	-11.3
GEW-140	8/26/2016 10:54	0.6	54.5	0.1	44.8	139.0		10	8	-10.6	-10.3	-10.7

August 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-140	8/26/2016 10:56	0.7	58.3	0.1	40.9	140.9		20	3	-9.9	-10.0	-10.1
GEW-141	8/12/2016 14:24	0.4	62.7	0.5	36.4	182.5		4	8	-10.2	-10.7	-10.2
GEW-141	8/12/2016 14:26	0.4	60.7	0.4	38.5	181.9		4	12	-11.2	-10.3	-11.2
GEW-141	8/26/2016 11:07	1.3	59.9	0.1	38.7	185.7		6	7	-11.9	-11.9	-12.0
GEW-141	8/26/2016 11:08	1.7	59.7	0.1	38.5	185.7		7	5	-11.8	-11.6	-11.9
GEW-142	8/12/2016 14:17	1.2	62.7	0.4	35.7	174.6		6	25	-10.3	-10.3	-11.0
GEW-142	8/12/2016 14:19	0.9	63.5	0.4	35.2	175.2		10	10	-7.3	-10.7	-7.3
GEW-142	8/26/2016 11:12	2.1	58.9	1.4	37.6	125.9		2	8	-11.3	-11.3	-11.3
GEW-142	8/26/2016 11:14	2.6	57.7	1.4	38.3	131.6		3	6	-10.9	-10.8	-11.0
GEW-143	8/12/2016 13:54	0.0	31.4	7.9	60.7	101.9		4	4	-10.7	-11.2	-10.8
GEW-143	8/12/2016 13:56	0.0	34.2	7.6	58.2	103.2		2	4	-11.1	-9.8	-10.8
GEW-143	8/26/2016 11:23	4.8	48.2	2.9	44.1	98.4		7	5	-11.8	-11.8	-11.8
GEW-143	8/26/2016 11:24	4.6	52.0	1.8	41.6	98.2		9	4	-12.3	-11.8	-12.1
GEW-144	8/12/2016 13:48	0.0	55.2	1.5	43.3	99.2		4	9	-11.7	-10.7	-11.7
GEW-144	8/26/2016 11:28	11.0	57.3	0.6	31.1	96.2		7	7	-11.8	-11.8	-11.9
GEW-144	8/26/2016 11:30	14.4	58.7	0.6	26.3	97.0		10	4	-10.8	-11.3	-11.0
GEW-145	8/12/2016 13:17	2.8	58.0	0.2	39.0	134.3		2	1	-13.1	-12.7	-12.9
GEW-145	8/12/2016 13:19	2.9	60.8	0.3	36.0	135.0		9	11	-13.1	-13.2	-13.0
GEW-145	8/26/2016 11:46	16.6	55.7	0.7	27.0	136.2		8	3	-13.9	-14.9	-14.1
GEW-145	8/26/2016 11:47	17.1	55.7	0.7	26.5	136.8		16	10	-13.7	-14.3	-14.0
GEW-146	8/12/2016 9:35	6.3	22.9	7.1	63.7	106.7		22	24	-1.6	-1.5	-15.5
GEW-146	8/12/2016 9:37	6.3	24.2	7.0	62.5	106.5		20	20	-1.0	-1.0	-15.6
GEW-146	8/25/2016 9:56	2.8	17.9	11.1	68.2	105.2		18	7	-1.0	-1.1	-15.2
GEW-146	8/25/2016 9:57	2.9	15.3	11.3	70.5	105.2		20	11	-1.2	-1.0	-15.5
GEW-147	8/12/2016 9:04	13.3	54.1	0.2	32.4	186.8		NFD		-13.3	-13.7	-13.3
GEW-147	8/12/2016 9:05	12.9	56.0	0.3	30.8	186.8		NFD		-13.3	-14.1	-13.3
GEW-147	8/25/2016 10:12	14.1	46.5	0.3	39.1	168.1		NFD		-15.1	-15.1	-14.9
GEW-147	8/25/2016 10:13	14.6	53.3	0.2	31.9	168.8		NFD		-15.0	-14.9	-14.9
GEW-148	8/12/2016 9:51	8.3	49.3	4.0	38.4	94.0		5	7	-14.2	-14.2	-14.9
GEW-148	8/12/2016 9:52	8.7	50.0	4.0	37.3	94.2		5	6	-14.2	-14.6	-14.8
GEW-148	8/25/2016 9:50	5.8	49.5	2.7	42.0	100.2		6	3	-14.4	-14.3	-15.2
GEW-149	8/12/2016 9:58	12.6	38.7	6.2	42.5	116.3		18	20	-0.7	-0.6	-16.5
GEW-149	8/12/2016 9:59	13.1	37.6	6.1	43.2	116.3		17	17	-0.7	-0.7	-16.8
GEW-149	8/25/2016 9:34	9.8	35.3	7.0	47.9	144.4		19	17	-0.6	-0.5	-17.5
GEW-149	8/25/2016 9:35	10.3	33.2	6.9	49.6	144.7		17	17	-0.6	-0.6	-16.2
GEW-150	8/12/2016 11:31	9.6	40.8	7.3	42.3	166.9		22	27	-5.0	-4.7	-14.2
GEW-150	8/12/2016 11:33	9.7	41.0	7.2	42.1	166.9		25	23	-4.0	-3.9	-13.0
GEW-150	8/26/2016 13:42	20.1	43.0	5.9	31.0	162.4		24	24	-4.2	-4.1	-14.6
GEW-150	8/26/2016 13:43	18.7	43.4	5.9	32.0	162.4		17	9	-3.6	-3.5	-16.9
GEW-151	8/12/2016 9:43	8.8	33.3	7.1	50.8	133.7		37	33	-14.3	-14.6	-14.9
GEW-151	8/12/2016 9:44	8.6	33.8	7.2	50.4	134.3		35	32	-10.7	-10.7	-14.2
GEW-151	8/25/2016 9:40	8.6	32.5	7.8	51.1	124.3		38	22	-15.8	-15.3	-13.7
GEW-151	8/25/2016 9:42	8.6	32.8	7.8	50.8	123.7		17	15	-13.3	-14.2	-14.4

August 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-151	8/26/2016 8:23	9.0	30.6	8.4	52.0	149.0		15	26	-7.5	-7.2	-15.4
GEW-151	8/26/2016 8:25	8.3	32.9	8.2	50.6	150.6		35	35	-4.9	-4.9	-16.7
GEW-152	8/12/2016 11:05	16.6	53.5	0.4	29.5	180.4		11	11	-15.6	-15.6	-16.8
GEW-152	8/12/2016 11:07	17.3	53.0	0.4	29.3	180.8		13	10	-16.1	-16.1	-15.7
GEW-152	8/26/2016 14:07	32.5	50.5	0.1	16.9	175.8		9	7	-16.5	-16.5	-17.1
GEW-152	8/26/2016 14:08	34.5	51.4	0.0	14.1	176.6		11	9	-17.0	-16.5	-17.7
GEW-153	8/12/2016 10:58	30.7	45.2	0.4	23.7	147.7		11	15	-9.8	-10.2	-15.1
GEW-153	8/12/2016 11:00	32.4	45.7	0.3	21.6	147.7		14	14	-9.8	-9.8	-15.2
GEW-153	8/26/2016 14:12	47.0	43.0	0.0	10.0	145.1		17	14	-10.1	-10.0	-18.5
GEW-153	8/26/2016 14:14	48.3	42.8	0.0	8.9	145.6		15	13	-9.9	-10.0	-16.2
GEW-154	8/12/2016 10:10	8.8	22.6	12.5	56.1	126.0		12	9	-7.3	-7.3	-16.4
GEW-154	8/12/2016 10:12	9.1	20.7	12.6	57.6	125.2		7	7	-5.6	-5.8	-15.0
GEW-154	8/25/2016 9:21	2.8	7.3	15.3	74.6	113.1		10	14	-8.2	-6.5	-15.9
GEW-154	8/25/2016 9:23	3.0	8.6	15.2	73.2	114.3		5	8	-5.5	-6.9	-16.7
GEW-155	8/12/2016 8:23	1.0	13.8	14.5	70.7	130.5		20	27	-1.8	-1.9	-13.3
GEW-155	8/12/2016 8:24	1.0	12.2	14.6	72.2	130.2		17	24	-0.9	-1.4	-7.2
GEW-155	8/25/2016 11:04	1.2	11.5	14.7	72.6	127.5		24	24	-1.4	-1.3	-13.3
GEW-155	8/25/2016 11:06	1.3	10.3	14.6	73.8	128.1		15	29	-1.3	-1.4	-12.7
GEW-156	8/12/2016 11:44	5.7	11.0	14.7	68.6	121.5		20	21	-2.2	-2.2	-16.0
GEW-156	8/12/2016 11:47	6.5	9.8	14.6	69.1	121.7		17	16	-1.6	-1.6	-16.0
GEW-156	8/26/2016 13:32	17.7	8.4	14.4	59.5	123.9		13	17	-1.3	-1.3	-17.9
GEW-156	8/26/2016 13:34	15.9	8.6	14.4	61.1	124.5		15	14	-1.3	-1.3	-17.1
GEW-157	8/12/2016 11:38	9.9	54.3	0.4	35.4	182.4		20	2	3.2	4.4	3.2
GEW-157	8/12/2016 11:39	11.2	57.1	0.4	31.3	182.4		16	16	3.8	3.4	3.5
GEW-158	8/12/2016 11:13	2.3	50.9	2.9	43.9	97.3		10	5	-12.4	-13.7	-11.9
GEW-158	8/26/2016 14:01	5.8	45.2	6.2	42.8	96.5		16	16	-13.0	-13.5	-12.6
GEW-158	8/26/2016 14:02	5.8	47.3	5.4	41.5	97.1		13	15	-12.6	-12.6	-12.2
GEW-159	8/12/2016 10:52	20.0	49.0	0.4	30.6	157.1		19	26	-12.6	-13.8	-13.2
GEW-159	8/12/2016 10:53	19.8	49.5	0.6	30.1	157.0		16	13	-12.2	-11.7	-12.6
GEW-159	8/26/2016 14:19	39.7	46.9	0.0	13.4	158.5		14	13	-12.0	-11.6	-12.2
GEW-159	8/26/2016 14:20	39.2	48.5	0.0	12.3	159.0		6	9	-12.0	-11.6	-12.1
GEW-160	8/12/2016 10:17	3.6	59.9	0.4	36.1	187.9		22	18	-12.2	-12.1	-12.3
GEW-160	8/12/2016 10:19	3.5	61.7	0.4	34.4	187.9		14	27	-11.7	-11.7	-11.8
GEW-160	8/25/2016 9:10	3.5	55.8	0.2	40.5	184.1		15	14	-10.0	-10.0	-10.9
GEW-160	8/25/2016 9:12	3.0	60.0	0.1	36.9	184.1		20	15	-9.9	-10.0	-10.2
GEW-161	8/12/2016 10:23	0.6	60.3	0.4	38.7	192.1		19	21	-6.8	-7.3	-11.6
GEW-161	8/12/2016 10:24	0.6	61.3	0.5	37.6	191.9		9	21	-2.5	1.5	-12.7
GEW-161	8/25/2016 9:15	0.4	55.3	0.4	43.9	173.8		26	17	-2.5	-4.2	-10.9
GEW-161	8/25/2016 9:17	0.4	57.0	0.9	41.7	174.1		25	22	-7.9	-8.8	-9.5
GEW-162	8/12/2016 10:03	12.2	59.0	0.7	28.1	173.1		5	10	-15.0	-15.6	-15.2
GEW-162	8/12/2016 10:04	11.4	63.4	0.6	24.6	174.1		12	13	-15.5	-15.1	-15.4
GEW-162	8/25/2016 9:28	10.1	58.5	0.6	30.8	175.7		11	8	-16.3	-16.1	-16.7
GEW-162	8/25/2016 9:30	9.9	62.1	0.5	27.5	175.7		9	16	-15.9	-15.9	-16.3

August 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-163	8/12/2016 8:07	9.9	52.5	2.7	34.9	172.2		35	43	-7.8	-7.8	-13.4
GEW-163	8/12/2016 8:09	9.9	55.8	2.7	31.6	172.2		26	26	-5.8	-5.8	-12.4
GEW-163	8/25/2016 11:36	6.3	39.1	8.0	46.6	174.1		29	29	-1.5	-1.5	-13.1
GEW-163	8/25/2016 11:37	6.9	37.8	7.8	47.5	174.6		31	31	-1.4	-1.4	-13.7
GEW-164	8/12/2016 7:56	3.8	67.8	0.9	27.5	91.7		13	13	-13.6	-12.8	-13.0
GEW-164	8/25/2016 13:08	1.2	57.8	1.6	39.4	115.7		26	30	-13.8	-13.8	-13.9
GEW-165	8/11/2016 14:13	2.9	67.3	0.0	29.8	191.9		51	46	-5.8	-5.8	-11.8
GEW-165	8/11/2016 14:14	2.2	68.3	0.1	29.4	191.9		45	49	-5.3	-5.3	-11.8
GEW-165	8/25/2016 13:21	1.6	61.6	0.2	36.6	192.3		28	2	-12.4	-12.0	-13.4
GEW-165	8/25/2016 13:22	1.5	64.9	0.3	33.3	192.5		17	2	-12.0	-11.9	-13.2
GEW-166	8/11/2016 11:06	16.7	51.7	2.2	29.4	166.9		18	25	-2.2	-2.2	-1.8
GEW-166	8/11/2016 11:07	17.0	48.7	2.1	32.2	166.9		26	21	-2.0	-2.0	-1.9
GEW-166	8/25/2016 13:27	9.0	55.7	0.8	34.5	188.4		26	7	-0.6	-0.4	-1.2
GEW-166	8/25/2016 13:28	10.5	54.7	0.8	34.0	188.5		10	8	-0.5	-0.5	-1.2
GEW-167	8/11/2016 10:52	6.1	39.0	4.6	50.3	177.9		6	12	-1.6	-1.6	-15.0
GEW-167	8/11/2016 10:54	6.7	40.4	4.5	48.4	178.2		46	47	-1.4	-1.4	-13.6
GEW-167	8/26/2016 8:40	5.6	34.4	6.1	53.9	160.6		46	45	-2.0	-2.0	-15.9
GEW-167	8/26/2016 8:43	5.3	36.5	5.9	52.3	162.4		62	61	-1.7	-1.7	-16.0
GEW-168	8/11/2016 9:57	0.7	53.6	0.5	45.2	186.8		22	26	-9.3	-9.2	-9.1
GEW-168	8/11/2016 9:58	0.5	59.9	0.5	39.1	186.8		13	17	-9.2	-9.3	-9.0
GEW-168	8/26/2016 8:58	2.8	59.5	0.0	37.7	182.1		20	20	-10.7	-10.7	-11.0
GEW-168	8/26/2016 9:00	2.9	61.2	0.0	35.9	182.6		32	34	-10.8	-11.0	-11.0
GEW-169	8/11/2016 9:48	7.0	52.5	3.5	37.0	185.7		58	65	-10.7	-10.7	-11.0
GEW-169	8/11/2016 9:50	6.9	54.3	3.4	35.4	185.7		37	37	-12.2	-10.7	-11.9
GEW-169	8/26/2016 9:12	5.6	49.8	4.7	39.9	182.1		61	57	-13.0	-12.9	-13.6
GEW-169	8/26/2016 9:15	5.7	50.1	4.8	39.4	182.7		57	61	-13.0	-13.0	-13.9
GEW-170	8/11/2016 8:24	8.3	48.9	5.0	37.8	160.1		28	29	-10.2	-10.2	-12.2
GEW-170	8/11/2016 8:27	8.6	48.7	5.0	37.7	160.1		27	27	-9.8	-9.7	-12.8
GEW-170	8/26/2016 10:15	8.0	48.5	4.9	38.6	159.4		74	78	-9.6	-9.5	-13.2
GEW-170	8/26/2016 10:18	8.0	48.9	4.8	38.3	159.8		65	65	-8.7	-8.8	-13.3
GEW-171	8/12/2016 14:04	7.4	57.0	0.6	35.0	185.7		6	4	-9.9	-10.2	-9.8
GEW-171	8/12/2016 14:05	7.9	62.6	1.3	28.2	186.8		4	5	-11.2	-11.2	-11.1
GEW-171	8/26/2016 11:18	13.3	60.2	0.2	26.3	189.6		16	13	-11.8	-11.3	-12.1
GEW-171	8/26/2016 11:19	16.3	60.4	0.2	23.1	189.6		25	29	-11.3	-11.3	-11.4
GEW-172	8/12/2016 14:10	5.7	52.9	0.3	41.1	187.9		23	26	-6.8	-6.8	-11.1
GEW-172	8/12/2016 14:12	6.3	56.0	0.4	37.3	187.9		26	25	-7.3	-7.3	-10.8
GEW-172	8/26/2016 11:01	7.9	55.9	0.1	36.1	188.3		86	81	-4.8	-4.8	-11.3
GEW-172	8/26/2016 11:02	8.4	55.6	0.0	36.0	188.3		85	84	-4.5	-4.5	-10.7
GEW-173	8/12/2016 13:32	3.3	14.7	13.2	68.8	108.1		48	42	-2.8	-2.8	-14.4
GEW-173	8/12/2016 13:34	3.5	9.9	13.6	73.0	108.6		51	49	-2.8	-2.8	-14.4
GEW-173	8/26/2016 10:48	3.6	11.5	13.5	71.4	106.4		57	57	-2.5	-2.6	-16.5
GEW-173	8/26/2016 10:50	3.7	11.0	13.5	71.8	106.5		46	39	-2.3	-2.3	-16.3
GEW-174	8/12/2016 13:25	9.1	40.4	3.9	46.6	168.8		78	95	-2.6	-2.8	-8.1

August 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-174	8/12/2016 13:27	9.1	38.7	3.7	48.5	170.2		79	62	-2.2	-2.0	-10.7
GEW-174	8/26/2016 11:36	17.3	33.0	6.1	43.6	167.6		73	86	-2.3	-2.3	-10.7
GEW-174	8/26/2016 11:38	20.4	31.8	6.2	41.6	167.6		68	84	-2.2	-2.3	-9.6
GEW-175	8/12/2016 11:24	19.2	52.2	2.4	26.2	150.1		156	155	-11.1	-10.3	-14.0
GEW-175	8/12/2016 11:26	19.6	51.7	2.4	26.3	149.7		145	154	-10.2	-10.3	-13.4
GEW-175	8/26/2016 13:48	30.9	46.4	2.8	19.9	145.9		169	167	-10.1	-10.1	-13.4
GEW-175	8/26/2016 13:50	30.9	46.5	2.8	19.8	145.9		177	162	-10.6	-10.0	-15.2
GEW-176	8/12/2016 11:18	16.9	57.6	2.0	23.5	161.1		75	70	-11.2	-11.5	-15.5
GEW-176	8/12/2016 11:20	18.2	58.1	2.0	21.7	161.0		74	64	-10.7	-10.7	-15.7
GEW-176	8/26/2016 13:54	29.4	54.1	2.2	14.3	152.5		33	31	-10.6	-11.0	-16.2
GEW-176	8/26/2016 13:56	29.1	54.0	2.3	14.6	152.1		28	24	-10.4	-10.7	-15.7
GEW-177	8/11/2016 8:16	1.3	59.5	0.2	39.0	191.9		40	46	-8.8	-8.8	-13.5
GEW-177	8/11/2016 8:17	1.3	61.7	0.2	36.8	191.9		35	43	-8.3	-8.7	-12.2
GEW-177	8/26/2016 10:39	1.1	59.3	0.1	39.5	189.6		47	36	-9.0	-8.9	-14.5
GEW-177	8/26/2016 10:41	1.6	60.0	0.1	38.3	189.6		20	33	-9.4	-8.9	-13.1
GEW-1A	8/3/2016 9:34	13.9	11.8	15.4	58.9	80.2		3	10	0.3	0.0	0.7
GEW-1A	8/3/2016 9:35	23.3	15.8	12.6	48.3	81.0		7	8	0.0	-0.3	0.2
GEW-1A	8/9/2016 16:41	0.9	6.3	19.7	73.1	99.2		7	5	-8.2	-8.1	-12.1
GEW-1A	8/9/2016 16:42	2.0	1.8	19.6	76.6	100.9		4	3	-10.2	-10.1	-11.7
GEW-1A	8/15/2016 11:14	1.5	6.7	21.0	70.8	80.3		8	9	-9.6	-10.7	-12.7
GEW-1A	8/15/2016 11:16	16.7	9.6	15.7	58.0	80.9		1	4	-11.9	-11.6	-12.7
GEW-1A	8/24/2016 13:46	3.2	3.6	18.9	74.3	102.1		2	3	-9.7	-9.7	-11.1
GEW-1A	8/24/2016 13:51	22.7	14.8	12.4	50.1	106.3		2	2	-11.7	-11.6	-11.2
GEW-1A	8/29/2016 8:31	7.6	4.0	19.1	69.3	91.1		2	2	-11.8	-11.8	-12.2
GEW-1A	8/29/2016 8:33	6.9	3.6	19.2	70.3	90.9		2	1	-12.1	-12.1	-11.8
GEW-1A	8/30/2016 9:50	0.3	0.5	21.5	77.7	95.6		2	2	-8.3	-8.3	-11.3
GEW-1A	8/30/2016 9:51	3.4	0.8	20.5	75.3	95.6		1	1	-9.8	-9.8	-11.6
GEW-2S	8/3/2016 16:29	57.9	37.8	0.1	4.2	99.4		10	13	-4.0	-3.9	-8.2
GEW-2S	8/9/2016 16:48	56.0	37.9	0.4	5.7	101.8		10	21	-7.8	-7.8	-11.7
GEW-2S	8/15/2016 11:21	57.2	39.1	0.1	3.6	82.3		18	7	1.6	1.6	-8.8
GEW-2S	8/15/2016 11:23	56.2	39.6	0.1	4.1	83.6		12	9	-3.3	-3.2	-7.4
GEW-2S	8/24/2016 13:59	58.7	37.8	0.2	3.3	109.6		3	7	-1.6	-1.6	-6.7
GEW-2S	8/30/2016 9:54	58.8	37.4	0.1	3.7	108.3		4	4	-0.1	-0.1	-10.4
GIW-01	8/1/2016 13:53	0.6	27.4	14.6	57.4	149.3		19	0	-16.6	-17.3	-16.2
GIW-01	8/1/2016 13:55	0.6	26.7	14.3	58.4	148.5		22	32	-8.2	-8.5	-17.5
GIW-01	8/8/2016 9:13	0.9	32.2	12.8	54.1	152.9		23	18	-5.0	-5.0	-12.9
GIW-01	8/8/2016 9:14	1.0	31.7	12.7	54.6	152.1		26	30	-5.0	-5.5	-13.4
GIW-01	8/10/2016 9:12	1.0	33.5	12.4	53.1	158.3		36	29	-5.3	-5.3	-16.7
GIW-01	8/10/2016 9:25	1.2	33.6	12.3	52.9	158.8		0	20	-5.3	-5.3	-16.3
GIW-01	8/16/2016 8:40	0.7	27.0	14.7	57.6	139.8		22	23	-6.6	-6.8	-17.2
GIW-01	8/16/2016 8:42	0.9	33.8	12.1	53.2	140.4		26	26	-1.9	-1.9	-17.2
GIW-01	8/22/2016 9:36	1.4	43.3	7.6	47.7	152.1		30	30	-0.9	-1.1	-16.9
GIW-01	8/22/2016 9:38	1.4	44.4	7.6	46.6	151.3		0	0	-0.7	-1.1	-17.8

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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		
GIW-02	8/1/2016 13:48	7.3	41.5	8.1	43.1	94.2		5	3	-0.4	-0.4	-16.9
GIW-02	8/1/2016 13:49	7.5	41.0	8.0	43.5	94.2		3	3	-0.4	-0.4	-17.9
GIW-02	8/8/2016 9:05	7.4	36.2	10.2	46.2	85.1		3	3	-0.5	-0.5	-17.3
GIW-02	8/8/2016 9:07	7.4	35.8	10.3	46.5	85.4		2	4	-0.5	-0.5	-17.3
GIW-02	8/10/2016 8:57	7.5	38.2	9.6	44.7	98.3		2	5	-0.4	-0.4	-16.8
GIW-02	8/10/2016 9:04	7.6	38.9	9.3	44.2	99.4		5	2	-0.4	-0.4	-16.7
GIW-02	8/16/2016 8:35	5.3	35.2	11.4	48.1	78.3		6	3	-0.5	-0.5	-16.8
GIW-02	8/16/2016 8:37	5.4	34.2	11.5	48.9	78.5		3	3	-0.5	-0.5	-17.8
GIW-02	8/22/2016 9:30	6.4	36.1	10.4	47.1	89.6		6	6	-0.4	-0.4	-16.3
GIW-02	8/22/2016 9:31	6.7	33.8	10.6	48.9	90.3		2	3	-0.4	-0.4	-17.0
GIW-02	8/29/2016 10:26	6.8	36.5	10.3	46.4	100.6		3	4	-0.4	-0.4	-16.8
GIW-02	8/29/2016 10:27	7.2	34.6	10.4	47.8	100.6		3	0	-0.4	-0.4	-16.8
GIW-03	8/1/2016 13:45	0.8	52.4	4.2	42.6	95.4		4	4	-3.7	-3.7	-12.6
GIW-03	8/8/2016 8:53	0.6	59.1	2.2	38.1	83.5		4	3	-0.8	-0.7	-12.5
GIW-03	8/8/2016 9:01	0.1	54.9	1.8	43.2	84.7		2	6	-0.5	-0.6	-12.9
GIW-03	8/16/2016 8:28	0.7	66.9	0.1	32.3	77.8		3	3	0.4	0.4	-13.9
GIW-03	8/16/2016 8:31	0.7	68.9	0.2	30.2	78.0		3	3	-0.8	-0.8	-12.8
GIW-03	8/22/2016 9:23	1.0	53.3	4.2	41.5	83.0		5	5	-2.4	-2.4	-10.4
GIW-03	8/22/2016 9:26	0.9	57.7	2.7	38.7	83.0		1	1	-0.7	-0.7	-10.7
GIW-03	8/29/2016 10:20	0.7	70.4	0.5	28.4	97.3		3	6	1.1	1.1	-10.5
GIW-03	8/29/2016 10:22	0.7	69.9	0.8	28.6	97.9		3	5	-0.6	-0.5	-10.2
GIW-04	8/1/2016 13:42	0.7	55.4	0.2	43.7	94.8		4	6	-10.5	-10.5	-14.3
GIW-04	8/8/2016 8:42	0.7	58.1	0.4	40.8	84.9		2	5	-9.7	-9.5	-12.4
GIW-04	8/8/2016 8:48	1.0	54.8	0.4	43.8	86.3		4	6	-9.8	-9.8	-13.0
GIW-04	8/16/2016 8:26	0.9	60.9	0.1	38.1	77.4		6	5	-10.3	-10.3	-13.0
GIW-04	8/22/2016 9:18	0.9	57.1	0.5	41.5	91.7		7	6	-8.3	-8.3	-11.1
GIW-04	8/29/2016 10:16	1.2	61.2	0.5	37.1	101.9		8	5	-8.2	-8.2	-10.3
GIW-05	8/1/2016 11:36	2.7	59.0	0.5	37.8	89.7		3	7	-5.4	-5.4	-12.9
GIW-05	8/8/2016 8:28	2.8	54.7	1.4	41.1	79.8		8	8	-5.8	-5.8	-13.8
GIW-05	8/8/2016 8:36	2.9	55.4	0.8	40.9	80.4		8	6	-5.7	-5.7	-13.6
GIW-05	8/16/2016 8:22	3.5	58.4	1.0	37.1	77.7		10	10	-5.9	-5.9	-13.6
GIW-05	8/22/2016 9:10	2.2	56.2	1.1	40.5	89.2		8	7	-4.4	-4.4	-10.5
GIW-05	8/22/2016 9:13	2.0	56.4	1.1	40.5	90.0		7	7	-2.8	-2.8	-10.8
GIW-05	8/29/2016 10:13	2.0	56.8	1.8	39.4	97.3		10	10	-2.5	-2.4	-9.0
GIW-06	8/1/2016 11:33	3.4	55.3	0.4	40.9	90.1		15	16	-13.3	-14.8	-12.6
GIW-06	8/8/2016 10:43	4.2	52.1	0.7	43.0	100.7		10	5	-13.2	-12.9	-13.3
GIW-06	8/8/2016 10:50	4.3	51.1	0.8	43.8	100.1		7	6	-12.1	-12.3	-11.9
GIW-06	8/15/2016 14:28	4.0	51.0	0.4	44.6	84.7		9	5	-13.5	-14.0	-13.7
GIW-06	8/22/2016 8:07	4.5	49.3	0.4	45.8	83.8		4	4	-11.7	-11.2	-11.4
GIW-06	8/29/2016 9:17	5.4	52.9	0.5	41.2	96.4		13	9	-10.7	-10.2	-10.1
GIW-07	8/1/2016 11:28	6.1	39.1	11.1	43.7	89.7		4	3	-3.5	-3.5	-12.6
GIW-07	8/1/2016 11:29	7.7	42.3	9.7	40.3	90.3		3	1	-3.5	-3.5	-12.8
GIW-07	8/8/2016 10:56	10.6	44.0	8.5	36.9	100.4		2	3	-3.7	-3.6	-12.1

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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		
GIW-07	8/8/2016 10:58	10.6	43.2	8.6	37.6	99.4		1	2	-3.6	-3.6	-11.8
GIW-07	8/10/2016 8:22	9.3	47.5	8.1	35.1	96.9		2	2	-3.6	-3.6	-12.7
GIW-07	8/10/2016 8:30	6.2	29.1	12.8	51.9	97.9		3	2	-3.5	-3.5	-12.0
GIW-07	8/15/2016 14:19	4.9	33.5	11.3	50.3	84.0		1	2	-2.7	-2.7	-14.1
GIW-07	8/15/2016 14:23	5.4	37.3	10.6	46.7	83.8		2	2	-2.4	-2.4	-13.6
GIW-07	8/22/2016 8:12	1.0	8.4	18.7	71.9	91.1		3	3	-2.5	-2.5	-11.5
GIW-07	8/22/2016 8:13	1.2	10.1	18.1	70.6	92.1		1	1	-2.6	-2.6	-11.1
GIW-07	8/29/2016 9:19	0.7	9.8	19.2	70.3	98.5		2	1	-2.4	-2.4	-10.1
GIW-07	8/29/2016 9:21	1.0	7.9	19.0	72.1	99.8		1	0	-2.5	-2.5	-10.2
GIW-08	8/1/2016 11:19	15.1	56.9	0.0	28.0	91.0		5	3	-8.9	-8.4	-13.3
GIW-08	8/8/2016 11:02	17.3	55.6	0.2	26.9	98.9		2	4	-7.8	-7.9	-13.7
GIW-08	8/8/2016 11:07	16.7	51.9	0.2	31.2	99.4		4	4	-8.3	-8.3	-11.8
GIW-08	8/15/2016 14:13	16.0	55.7	0.2	28.1	84.9		8	4	-9.1	-9.1	-14.9
GIW-08	8/15/2016 14:15	16.2	54.5	0.2	29.1	85.3		4	2	-7.2	-7.2	-13.7
GIW-08	8/22/2016 8:18	17.0	55.1	0.1	27.8	88.4		3	2	-5.9	-5.8	-11.4
GIW-08	8/29/2016 9:24	17.3	59.3	0.2	23.2	96.1		2	5	-5.3	-5.3	-9.6
GIW-09	8/1/2016 11:13	3.5	32.1	5.6	58.8	90.6		NFD		-5.0	-5.0	-12.8
GIW-09	8/1/2016 11:14	3.4	33.2	5.6	57.8	90.5		NFD		-5.0	-5.0	-13.6
GIW-09	8/8/2016 11:21	3.2	28.3	5.3	63.2	94.4		NFD		-5.0	-5.0	-14.1
GIW-09	8/8/2016 11:27	3.3	24.8	5.4	66.5	95.0		NFD		-4.9	-4.9	-14.1
GIW-09	8/15/2016 13:48	3.8	22.5	5.5	68.2	85.1		NFD		-5.7	-5.7	-13.5
GIW-09	8/15/2016 13:49	3.9	22.8	5.3	68.0	84.7		NFD		-5.7	-5.7	-13.9
GIW-09	8/22/2016 8:34	1.9	18.0	11.3	68.8	88.8		NFD		-4.7	-4.7	-10.8
GIW-09	8/22/2016 8:36	2.0	15.9	11.5	70.6	89.0		NFD		-4.8	-4.8	-11.3
GIW-09	8/29/2016 9:37	2.8	20.2	9.3	67.7	96.2		NFD		-4.6	-4.6	-9.3
GIW-09	8/29/2016 9:39	2.6	18.5	9.4	69.5	96.4		NFD		-4.6	-4.7	-10.4
GIW-10	8/1/2016 13:40	0.8	50.7	0.0	48.5	96.1		4	4	-1.4	-1.4	-16.4
GIW-10	8/8/2016 10:09	0.9	55.0	0.1	44.0	101.1		1	1	-1.6	-1.6	-13.8
GIW-10	8/8/2016 10:14	0.6	41.5	0.1	57.8	100.8		2	3	-1.5	-1.5	-12.9
GIW-10	8/16/2016 9:02	0.8	57.4	0.1	41.7	79.7		3	3	-1.7	-1.7	-13.3
GIW-10	8/22/2016 10:10	1.0	56.5	0.1	42.4	88.6		3	1	-1.3	-1.3	-11.0
GIW-10	8/29/2016 10:40	1.4	58.6	0.4	39.6	102.8		2	2	-1.2	-1.2	-10.5
GIW-11	8/1/2016 14:10	6.9	54.9	1.6	36.6	93.2		NFD		-1.5	-1.5	-18.5
GIW-11	8/8/2016 9:59	7.3	55.0	1.7	36.0	93.1		NFD		-1.6	-1.5	-17.6
GIW-11	8/8/2016 10:05	6.1	54.4	1.6	37.9	101.0		NFD		-1.5	-1.5	-18.6
GIW-11	8/16/2016 8:58	6.8	57.0	1.9	34.3	79.9		NFD		-1.8	-1.8	-17.2
GIW-11	8/22/2016 10:06	7.3	55.7	1.2	35.8	86.8		NFD		-1.4	-1.4	-16.8
GIW-11	8/29/2016 10:37	7.3	62.2	1.4	29.1	98.1		NFD		-1.3	-1.4	-17.2
GIW-12	8/1/2016 14:05	5.6	33.6	8.1	52.7	93.6		NFD		-0.4	-0.4	-15.5
GIW-12	8/1/2016 14:07	5.4	33.9	8.1	52.6	93.6		NFD		-0.4	-0.4	-13.9
GIW-12	8/8/2016 9:49	6.8	35.6	7.5	50.1	98.0		NFD		-0.4	-0.4	-15.2
GIW-12	8/8/2016 9:55	7.3	32.1	7.6	53.0	97.5		NFD		-0.4	-0.4	-16.7
GIW-12	8/16/2016 8:54	5.6	34.0	9.3	51.1	79.0		NFD		-0.5	-0.5	-16.8

August 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-12	8/16/2016 8:55	5.7	32.7	9.4	52.2	79.1		NFD		-0.5	-0.5	-16.7
GIW-12	8/22/2016 10:00	13.6	39.8	5.0	41.6	83.5		NFD		-0.3	-0.3	-16.2
GIW-12	8/22/2016 10:02	12.3	41.7	5.0	41.0	83.6		NFD		-0.3	-0.3	-14.9
GIW-12	8/29/2016 10:32	13.1	45.8	5.7	35.4	97.3		NFD		-0.3	-0.3	-12.7
GIW-12	8/29/2016 10:34	13.4	45.2	5.8	35.6	97.6		NFD		-0.3	-0.3	-15.5
GIW-13	8/1/2016 13:58	10.7	25.8	0.1	63.4	94.0		NFD		-2.4	-2.4	-8.1
GIW-13	8/8/2016 9:37	11.5	60.9	0.1	27.5	87.2		NFD		-2.9	-2.9	-9.4
GIW-13	8/8/2016 9:43	10.8	58.1	0.1	31.0	89.7		NFD		-2.9	-2.9	-8.3
GIW-13	8/16/2016 8:50	10.9	64.5	0.2	24.4	78.6		NFD		-2.8	-2.8	-8.0
GIW-13	8/22/2016 9:43	13.5	57.2	0.2	29.1	88.6		NFD		-2.5	-2.5	-7.5
GIW-13	8/29/2016 10:30	14.7	59.3	0.5	25.5	99.6		NFD		-2.8	-2.8	-7.9
LCS-5A	8/3/2016 11:30	56.3	41.7	0.2	1.8	94.6		NFD		-11.7	-11.8	-11.6
LCS-5A	8/10/2016 9:16	58.0	39.9	0.1	2.0	95.6		NFD		-11.3	-11.4	-11.8
LCS-5A	8/15/2016 9:58	56.4	38.8	0.5	4.3	94.4		NFD		-12.3	-11.8	-11.9
LCS-5A	8/24/2016 14:58	57.2	41.0	0.3	1.5	96.2		NFD		-11.2	-11.7	-11.1
LCS-5A	8/30/2016 9:02	57.2	40.2	0.1	2.5	96.1		NFD		-10.9	-11.3	-10.7
LCS-6B	8/3/2016 9:52	53.6	41.5	0.1	4.8	93.9		5	5	-0.8	-0.8	-12.5
LCS-6B	8/9/2016 17:00	53.7	40.1	0.0	6.2	100.6		0	5	-0.9	-0.9	-12.1
LCS-6B	8/15/2016 9:17	52.7	39.8	0.0	7.5	84.7		6	6	-1.2	-1.2	-11.9
LCS-6B	8/24/2016 14:22	49.2	39.2	0.3	11.3	105.7		10	11	-1.6	-1.6	-11.2
LCS-6B	8/30/2016 8:32	51.6	40.4	0.3	7.7	114.5		8	6	-1.8	-1.8	-12.1
LCS-6B	8/30/2016 8:33	51.4	41.4	0.2	7.0	114.5		9	8	-1.2	-1.2	-12.1
PGW-60	8/3/2016 16:24	58.6	38.4	0.0	3.0	89.9		52	52	-8.2	-9.2	-7.3
PGW-60	8/15/2016 11:27	57.8	38.8	0.0	3.4	85.5		17	23	-8.5	-9.7	-8.8
PGW-60	8/30/2016 9:58	56.0	40.6	0.2	3.2	96.0		0	0	-7.8	-9.3	-7.9
SEW-002	8/22/2016 11:30	0.2	7.4	18.5	73.9	98.4		7	7	-10.7	-10.9	-9.9
SEW-002	8/22/2016 11:32	0.2	6.6	18.2	75.0	100.0		7	7	-11.7	-11.7	-13.4
T-56	8/3/2016 11:00	59.1	38.5	0.2	2.2	81.9		10	11	0.0	0.0	-12.2
T-56	8/3/2016 11:03	59.4	37.8	0.2	2.6	82.3		13	12	0.0	0.0	-12.1
T-56	8/15/2016 9:42	56.5	37.5	0.0	6.0	79.3		14	13	0.0	0.0	-12.4
T-56	8/15/2016 9:44	56.8	37.4	0.0	5.8	79.8		15	15	0.0	0.0	-12.1
T-56	8/30/2016 8:52	43.7	34.3	0.6	21.4	84.9		13	14	-0.1	-0.1	-11.5

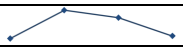
Notes: NFD = No flow device installed

The remaining locations that do not have flow data do have flow monitoring devices, but the location data file in the Envision meter was marked as not having a flow meter. This has been corrected for the next monitoring event.

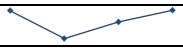
Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)				Temp Trend ><30°F	Comments
	May 2016	June 2016	July 2016	August 2016		
GEW-001	--	--	--	--		
GEW-002	128.1	127.8	123.9	124.5		
GEW-003	117.3	117.3	117.9	118.9		
GEW-004	122.0	122.6	121.8	121.3		
GEW-005	95.0	98.7	96.7	97.8		
GEW-006	90.8	93.9	91.5	92.1		
GEW-007	97.1	103.4	101.5	101.4		
GEW-008	114.3	114.9	114.8	114.8		
GEW-009	128.6	125.8	125.9	126.7		
GEW-010	98.9	97.5	107.9	109.9		
GEW-011	--	--	--	--		
GEW-013A	156.6	165.5	146.6	147		
GEW-014A	--	--	--	--		
GEW-015	--	--	--	--		
GEW-016R	--	--	--	--		
GEW-018B	--	--	--	--		
GEW-018R	--	--	--	--		
GEW-019A	--	--	--	--		
GEW-020A	--	--	--	--		
GEW-021A	--	--	--	--		
GEW-022R	190.2	193.7	--	185.7		
GEW-023A	--	--	--	--		
GEW-024A	--	--	--	--		
GEW-025A	--	--	--	--		
GEW-026R	--	--	--	--		
GEW-027A	--	--	--	--		
GEW-028R	83.4	84.0	96.5	95.8		
GEW-029	--	--	--	--		
GEW-030R	--	--	--	--		
GEW-033R	--	--	--	--		
GEW-034	--	--	--	--		
GEW-034A	--	--	--	--		
GEW-035	--	--	--	--		
GEW-036	--	--	--	--		
GEW-037	--	--	--	--		
GEW-038	105.2	110.6	103.9	98.1		
GEW-039	134.4	136.0	133.1	134.7		
GEW-040	91.7	97.1	98.9	96.4		
GEW-041R	107.1	108.0	107.6	107		
GEW-042R	113.7	114.8	112.8	115.5		
GEW-043R	131.0	124.5	124.1	129.1		

Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)				Temp Trend ><30°F	Comments
	May 2016	June 2016	July 2016	August 2016		
GEW-044	90.4	97.2	96.5	93.9		
GEW-045R	91.3	105.2	102.9	100.7		
GEW-046R	100.4	102.2	101.1	101.8		
GEW-047R	114.8	118.1	115.9	115.6		
GEW-048	105.5	107.5	106.5	106.5		
GEW-049	113.8	115.0	111.7	112.5		
GEW-050	107.3	110.3	109.5	109.2		
GEW-051	129.8	131.4	128.4	128.9		
GEW-052	117.1	117.0	116.3	116		
GEW-053	142.0	143.0	142.2	142.9		
GEW-054	155.0	154.0	148.6	147.3		
GEW-055	130.0	130.0	129.1	128.9		
GEW-056R	156.5	155.5	164.6	163.6		
GEW-057B	89.3	145.2	130.3	93.9		
GEW-057R	133.7	131.2	125	119		
GEW-058	179.8	148.0	186.4	152.9		
GEW-058A	79.2	99.8	148.8	122.4		
GEW-059R	189.6	192.9	189.2	182.1		
GEW-061B	--	--	--	--		
GEW-064A	--	--	--	--		
GEW-065A	81.9	98.4	103.7	--		
GEW-066	--	--	--	--		
GEW-067A	179.7	193.7	157.0	136.6		
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	192.9		
GEW-078R	191.6	190.2	188.5	180.9		
GEW-080	95.0	82.3	98.5	96.2		
GEW-081	125.8	87.6	--	--		
GEW-082R	192.1	191.6	192.3	184.5		
GEW-083	--	--	--	--		
GEW-084	--	--	--	--		
GEW-085	--	--	--	--		
GEW-086	64.6	96.2	102.5	82.5		

Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)				Temp Trend ><30°F	Comments
	May 2016	June 2016	July 2016	August 2016		
GEW-087	--	--	--	--		
GEW-088	--	--	--	--		
GEW-089	71.7	99.2	109.5	85.3		
GEW-090	183.0	189.6	183.3	175.8		
GEW-091	--	--	--	195		
GEW-100	--	--	--	--		
GEW-101	--	--	--	--		
GEW-102	192.5	192.3	125.4	97.7		
GEW-103	--	--	--	--		
GEW-104	110.0	104.5	112.5	95.6		
GEW-105	69.6	178.7	--	--		
GEW-106	--	--	--	--		
GEW-107	77.8	92.3	--	--		
GEW-108	78.5	92.8	110.4	81.5		
GEW-109	103.8	111.8	110.9	137.3		
GEW-110	108.2	111.7	113.7	113.0		
GEW-112	75.5	93.6	110.4	91.5		
GEW-113	184.7	171.6	173.6	172.6		
GEW-116	71.4	90.8	--	--		
GEW-117	87.0	95.3	119.7	98.7		
GEW-118	194.8	200.1	195	188.3		
GEW-120	160.6	146.5	152.1	152.5		
GEW-121	197.9	184.6	180.8	175.7		
GEW-122	168.8	180.4	188.8	192.5		
GEW-123	187.9	187.9	185.2	186.3		
GEW-124	88.1	98.9	92.4	107.4		
GEW-125	190.5	196.0	191.3	192.6		
GEW-126	186.7	185.2	154.5	184.7		
GEW-127	184.1	189.0	187.9	188.5		
GEW-128	177.2	174.8	172.2	167.1		
GEW-129	176.7	104.7	147.4	178		
GEW-130	193.7	179.2	176.2	170.8		
GEW-131	181.9	187.7	110.2	111.6		
GEW-132	169.7	166.9	166.1	167.3		
GEW-133	98.3	98.1	96.9	99.4		
GEW-134	135.6	139.8	150.5	147.8		
GEW-135	166.4	176.4	175.7	99.0		
GEW-136	120.2	126.9	121.3	124.2		
GEW-137	103.3	107.5	87	94		
GEW-138	137.3	150.5	153.8	154.9		
GEW-139	185.2	180.8	179.3	178.3		

Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)				Temp Trend ><30°F	Comments
	May 2016	June 2016	July 2016	August 2016		
GEW-140	163.6	176.2	167.6	147.0		
GEW-141	104.3	152.1	119.7	185.7		
GEW-142	94.6	97.9	95.3	175.2		
GEW-143	91.1	104.0	92.7	103.2		
GEW-144	102.8	94.4	91.7	99.2		
GEW-145	163.6	166.1	97.7	136.8		
GEW-146	94.1	104.7	100.4	106.7		
GEW-147	189.6	190.2	187.4	186.8		
GEW-148	92.5	99.0	79.5	100.2		
GEW-149	167.4	167.2	141.8	144.7		
GEW-150	159.2	150.3	156.9	166.9		
GEW-151	93.1	157.1	147	150.6		
GEW-152	167.8	182.9	183.9	180.8		
GEW-153	157.9	155.6	143.6	147.7		
GEW-154	151.0	186.4	79.1	126		
GEW-155	185.1	127.8	124.9	130.5		
GEW-156	122.1	124.8	115.0	124.5		
GEW-157	93.6	164.3	178.6	182.4		
GEW-158	88.6	91.4	96.2	97.3		
GEW-159	154.1	154.3	150.4	159		
GEW-160	186.3	171.1	139.0	187.9		
GEW-161	96.7	109.7	155.4	192.1		
GEW-162	94.8	179.8	79.5	175.7		
GEW-163	170.0	169.9	173.4	174.6		
GEW-164	171.6	161.4	100.0	115.7		
GEW-165	191.6	195.7	192.6	192.5		
GEW-166	174.7	188.5	175.2	188.5		
GEW-167	179.8	180.3	178.2	178.2		
GEW-168	157.0	190.8	184.1	186.8		
GEW-169	191.4	193.6	183.5	185.7		
GEW-170	185.8	180.6	172.1	160.1		
GEW-171	100.4	187.4	176.7	189.6		
GEW-172	119.9	192.3	185.1	188.3		
GEW-173	102.6	106.1	120.2	108.6		
GEW-174	174.6	173.1	156.9	170.2		
GEW-175	127.8	163.3	139.6	150.1		
GEW-176	89.5	120.2	169.5	161.1		
GEW-177	--	--	193.7	191.9		
GEW-1A	95.9	113.5	109.5	106.3		
GEW-2S	99.9	108.0	115.8	109.6		
GIW-01	184.6	171.6	168.8	158.8		

Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)				Temp Trend ><30°F	Comments
	May 2016	June 2016	July 2016	August 2016		
GIW-02	98.4	103.8	100.2	100.6		
GIW-03	94.6	101.0	96.9	97.9		
GIW-04	99.1	106.5	96.6	101.9		
GIW-05	96.0	105.5	95.8	97.3		
GIW-06	99.7	103.5	91.5	100.7		
GIW-07	97.9	107.7	98.6	100.4		
GIW-08	101.8	108.2	92.9	99.4		
GIW-09	106.6	103.8	91.7	96.4		
GIW-10	101.3	106.9	100.8	102.8		
GIW-11	107.7	104.7	98.9	101		
GIW-12	99.4	101.1	98.1	98		
GIW-13	96.7	106.2	98.1	99.6		
LCS-1D	--	--	--	--		
LCS-2D	--	--	--	--		
LCS-3C	--	--	--	--		
LCS-4B	--	--	--	--		
LCS-5A	95.8	98.7	95.5	96.2		
LCS-6B	96.7	110.2	106.7	114.5		
PGW-60	88.6	78.0	86.7	96		
SEW-002	74.3	93.2	97.1	100		
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	70.0	72.3	81.7	84.9		

-- = Indicates no data available.

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO_2	O_2/Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)					(ppm)	
North Quarry								
GEW-002	4/14/2016	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	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-003	8/10/2016	55.6	39.9	ND	3.8	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-004	8/10/2016	55.3	40.8	ND	3.4	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-005	8/10/2016	50.3	36.6	ND	12.5	0.04	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	5/12/2016	55	39	ND	4.5	ND	ND	
GEW-007	7/12/2016	57	40	ND	ND	ND	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-008	8/10/2016	50.5	45.6	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-009	8/10/2016	53.3	43	ND	ND	0.6	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-040	8/10/2016	56.3	39.7	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	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-042R	8/10/2016	55.4	40.8	ND	ND	ND	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	5/9/2016	51	35	ND	ND	ND	ND	
GEW-044	7/11/2016	57	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-045R	8/10/2016	54.2	41.2	ND	3.5	ND	ND	

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO_2	O_2/Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)					(ppm)	
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-046R	8/10/2016	54.4	40.4	ND	4.4	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-047R	8/10/2016	52.3	39.9	ND	7.2	0.1	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-048	8/10/2016	56.7	40.6	ND	ND	ND	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-049	8/10/2016	56.1	39.7	ND	3.6	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	5/13/2016	55	41	ND	ND	1.1	ND	
GEW-051	7/12/2016	56	42	ND	ND	0.9	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	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-053	8/10/2016	49.6	42.9	ND	ND	4.8	61	
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-054	8/10/2016	52.5	41.9	ND	ND	2.7	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	
GEW-055	8/10/2016	52.9	43.5	ND	ND	1.8	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	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-010	8/10/2016	46.9	42.6	2	8.2	0.2	ND	See Note 4
GEW-022R	5/10/2016	0.4	56	3.4	12	26	4,000	
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	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-038	8/8/2016	0.5	50.4	4.3	15.6	27.3	2,700	See Note 4
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-039	8/10/2016	24.3	35.5	4	35.7	0.5	75	See Note 4
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-056R	8/10/2016	18.9	50.8	ND	13.4	15.6	600	
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	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	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	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	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	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	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-109	8/8/2016	10	42.5	ND	30.2	15.5	540	
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
		(%)					(ppm)	
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-110	8/10/2016	1.5	10.8	17.5	64.3	5.8	380	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	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	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	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	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	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	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	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	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	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	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	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	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

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO_2	O_2/Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)					(ppm)	
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	5/12/2016	7.6	39	6.8	29	17	1,600	See Note 4
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	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	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	5/12/2016	8	43	5.6	27	15	1,400	See Note 4
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	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	5/13/2016	21	47	ND	7.7	23	1,100	
GEW-153	7/12/2016	29	43	ND	12	13	430	
GEW-154	5/12/2016	11	27	9.9	40	12	840	See Note 4
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	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
		(%)					(ppm)	
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	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-01	8/10/2016	1	31.1	12.1	43.4	11.8	1,300	See Note 4
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-02	8/10/2016	6.9	36.7	9.4	39.1	7.6	470	See Note 4
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-03	8/8/2016	0.7	60.7	2.3	8.2	26.8	2,600	See Note 4
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-04	8/8/2016	0.7	56.2	ND	3.7	37.7	2,600	
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-05	8/8/2016	2.4	57.3	ND	5.6	32.6	1,400	
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-06	8/8/2016	3.2	52.7	ND	17.4	24.3	840	
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-07	8/10/2016	7.2	40.1	10.2	36.9	5.3	590	See Note 4
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
		(%)					(ppm)	
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-08	8/8/2016	15.1	62.4	ND	19.8	1.6	190	
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-09	8/8/2016	2.8	26.8	6.1	61.6	2.5	190	See Note 4
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-10	8/8/2016	0.8	54.4	ND	3.8	39.7	2,300	
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-11	8/8/2016	6.5	60.7	1.9	11.1	19	2,000	See Note 4
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-12	8/8/2016	6.2	34	7.7	42.8	8.9	670	See Note 4
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	
GIW-13	8/8/2016	10.1	66.2	ND	ND	20.1	1,300	
Flare Station²	4/12/2016	8.2	37	8.1	35	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	12.1	1,100	See Note 7
Flare Station²	8/9/2016	10.1	39.3	6.8	30.7	11.4	1,100	See Note 6
Flare Station²	9/7/2016	8.7	39.4	6.9	31.9	11.4	940	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 (A & B). (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)