October 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	10/6/2016 9:42	54.0	40.1	0.3	5.6	122.3		48	50	-0.9	-0.9	-12.1
GEW-002	10/6/2016 9:51	54.5	40.7	0.3	4.5	122.3		25	27	-0.7	-0.6	-12.2
GEW-002	10/13/2016 10:30	55.7	39.7	0.0	4.6	119.9		13	6	-0.6	-0.5	-12.7
GEW-002	10/17/2016 13:40	54.9	38.8	0.0	6.3	123.1		28	20	-1.1	-1.0	-11.9
GEW-002	10/17/2016 13:43	53.2	41.0	0.0	5.8	122.3		41	40	-0.5	-0.4	-11.4
GEW-002	10/24/2016 15:36	56.3	38.7	0.0	5.0	119.7		0	5	-0.6	-0.6	-12.6
GEW-003	10/6/2016 9:57	53.6	40.5	0.0	5.9	115.0		10	10	0.0	0.0	-11.8
GEW-003	10/6/2016 9:59	53.7	40.0	0.0	6.3	116.6		16	11	0.0	-0.1	-11.9
GEW-003	10/6/2016 10:11	54.4	40.0	0.0	5.6	117.9		42	41	-0.2	-0.2	-11.7
GEW-003	10/13/2016 10:33	54.7	40.1	0.0	5.2	115.5		0	11	-0.4	-0.4	-12.6
GEW-003	10/17/2016 13:46	54.5	40.1	0.0	5.4	115.9		14	14	0.2	0.2	-10.6
GEW-003	10/17/2016 13:54	52.5	40.0	0.0	7.5	107.0		0	0	0.7	0.7	1.0
GEW-003	10/17/2016 14:42	55.2	37.8	0.0	7.0	117.3		21	21	0.2	0.2	-10.7
GEW-003	10/18/2016 7:56	53.1	41.3	0.0	5.6	117.6		22	18	-1.6	-1.6	-11.3
GEW-003	10/18/2016 7:57	53.9	40.4	0.0	5.7	117.6		20	21	-1.4	-1.4	-11.7
GEW-003	10/24/2016 15:40	52.4	37.7	0.0	9.9	117.6		24	23	-0.9	-0.9	-11.7
GEW-004	10/6/2016 10:17	54.2	40.3	0.0	5.5	118.4		9	12	-0.2	-0.2	-11.7
GEW-004	10/6/2016 10:25	55.1	40.5	0.1	4.3	118.4		9	6	-0.2	-0.2	-11.8
GEW-004	10/13/2016 10:35	55.5	40.5	0.0	4.0	115.3		10	8	-0.2	-0.2	-12.6
GEW-004	10/17/2016 14:45	56.1	38.6	0.0	5.3	117.9		0	0	0.7	0.6	-11.3
GEW-004	10/17/2016 14:47	55.1	40.6	0.0	4.3	121.8		0	0	0.3	0.3	-10.3
GEW-004	10/18/2016 8:01	54.8	39.6	0.0	5.6	122.3		18	18	-1.3	-1.3	-11.4
GEW-004	10/18/2016 8:03	54.4	40.5	0.0	5.1	121.5		20	17	-1.1	-1.2	-12.3
GEW-004	10/24/2016 15:43	53.6	37.5	0.0	8.9	121.5		17	7	-0.7	-0.6	-11.8
GEW-005	10/6/2016 10:51	50.3	37.2	0.0	12.5	96.1		17	20	-0.2	-0.2	-11.3
GEW-005	10/6/2016 10:58	50.7	37.0	0.0	12.3	96.1		0	0	-0.2	-0.2	-11.6
GEW-005	10/13/2016 10:44	51.4	39.1	0.0	9.5	94.8		23	23	-0.1	-0.1	-12.5
GEW-005	10/18/2016 8:13	51.8	37.4	0.0	10.8	92.9		22	22	-0.5	-0.5	-11.9
GEW-005	10/24/2016 15:54	50.5	36.7	0.0	12.8	93.6		13	14	-0.2	-0.2	-12.1
GEW-006	10/6/2016 11:17	48.9	36.9	0.0	14.2	88.9		13	15	-0.5	-0.5	-11.7
GEW-006	10/13/2016 10:51	51.9	38.2	0.0	9.9	90.3		9	14	-0.5	-0.4	-11.9
GEW-006	10/13/2016 10:51	51.6	38.9	0.0	9.5	90.5		22	22	-0.5	-0.5	-12.0
GEW-006	10/18/2016 8:22	51.6	37.7	0.0	10.7	90.3		19	26	-0.7	-0.7	-11.8
GEW-006	10/24/2016 16:01	51.1	37.1	0.0	11.8	90.5		21	22	-0.4	-0.4	-11.5
GEW-007	10/6/2016 14:04	56.9	39.8	0.0	3.3	97.9		12	11	-0.5	-0.5	-12.1
GEW-007	10/13/2016 11:09	51.6	39.8	0.0	8.6	94.0		7	9	-0.9	-0.9	-12.3
GEW-007	10/18/2016 9:16	56.0	39.4	0.1	4.5	94.1		8	5	-1.0	-1.0	-11.8
GEW-007	10/18/2016 9:18	56.2	39.2	0.1	4.5	94.1		50	50	-0.8	-0.8	-11.4
GEW-007	10/24/2016 16:47	56.7	40.8	0.0	2.5	94.6		35	35	-0.1	-0.1	-12.1
GEW-008	10/6/2016 14:14	52.6	43.0	0.0	4.4	112.2		14	14	-0.1	-0.1	-11.6
GEW-008	10/6/2016 14:22	53.6	42.7	0.1	3.6	114.5		16	16	-0.3	-0.3	-12.0
GEW-008	10/13/2016 11:11	54.7	40.8	0.0	4.5	111.8		12	14	-0.6	-0.6	-12.0
GEW-008	10/13/2016 11:12	53.0	42.8	0.0	4.2	112.3		16	16	-0.8	-0.8	-12.3

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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-008	10/18/2016 9:08	52.1	41.1	0.0	6.8	114.0		47	58	-1.5	-1.7	-11.7
GEW-008	10/18/2016 9:10	51.8	42.1	0.0	6.1	113.5		61	65	-1.5	-1.5	-11.8
GEW-008	10/24/2016 16:43	53.0	40.1	0.0	6.9	113.6		11	14	-0.3	-0.4	-12.4
GEW-009	10/6/2016 14:27	49.8	41.1	0.0	9.1	125.5		30	29	-0.2	-0.2	-18.1
GEW-009	10/6/2016 14:36	50.2	41.6	0.1	8.1	125.5		0	0	-0.2	-0.2	-18.3
GEW-009	10/13/2016 11:15	49.9	42.4	0.0	7.7	122.6		29	29	-0.3	-0.3	-18.0
GEW-009	10/18/2016 9:04	49.6	39.7	0.0	10.7	123.8		14	14	-0.4	-0.4	-18.5
GEW-009	10/24/2016 16:40	50.3	39.6	0.0	10.1	125.5		19	20	-0.3	-0.3	-19.3
GEW-010	10/4/2016 10:07	55.6	40.7	0.1	3.6	81.3		5	5	-1.8	-1.8	-18.1
GEW-010	10/4/2016 10:14	56.1	40.2	0.1	3.6	80.5		4	4	-1.8	-1.8	-17.6
GEW-010	10/13/2016 9:56	42.9	45.4	1.5	10.2	57.2		2	2	-1.4	-1.4	-19.2
GEW-010	10/17/2016 10:34	39.5	36.1	0.3	24.1	88.2		3	3	-1.2	-1.2	-18.1
GEW-010	10/25/2016 10:40	52.9	42.9	0.3	3.9	66.1		4	4	-1.2	-1.2	-19.5
GEW-013A	10/20/2016 10:55	10.6	49.1	2.9	37.4	180.3		NFD		-0.1	-0.1	-17.4
GEW-013A	10/20/2016 10:57	9.8	54.5	2.4	33.3	180.0		NFD		-0.3	0.0	-18.3
GEW-022R	10/21/2016 11:18	0.0	11.8	21.2	67.0	60.9		17	17	-0.1	-0.1	-16.3
GEW-022R	10/21/2016 11:20	0.0	2.3	22.5	75.2	63.0		18	18	-0.1	-0.1	-16.5
GEW-028R	10/26/2016 13:50	0.5	8.3	19.0	72.2	70.6		4	5	-7.1	-7.2	-7.3
GEW-028R	10/26/2016 13:53	0.0	0.5	20.2	79.3	70.9		0	0	-6.6	-6.6	-7.3
GEW-038	10/4/2016 8:31	9.5	51.8	1.1	37.6	73.0		4	4	-3.6	-3.6	-12.3
GEW-038	10/4/2016 8:39	8.5	53.3	1.0	37.2	74.5		2	4	-3.3	-3.3	-12.3
GEW-038	10/13/2016 10:28	4.1	39.5	8.2	48.2	60.1		2	2	-1.4	-1.4	-10.9
GEW-038	10/13/2016 10:29	4.6	42.8	7.1	45.5	60.4		1	2	-1.5	-1.5	-10.8
GEW-038	10/17/2016 10:06	3.3	47.7	5.5	43.5	86.4		1	2	-1.1	-1.1	-8.7
GEW-038	10/17/2016 10:07	3.1	49.3	5.8	41.8	86.8		3	2	-1.0	-1.0	-9.2
GEW-038	10/25/2016 9:55	4.4	45.5	6.0	44.1	64.2		3	3	-1.7	-1.7	-11.5
GEW-038	10/25/2016 9:58	5.0	53.1	3.5	38.4	64.7		2	1	-8.4	-8.4	-11.1
GEW-039	10/4/2016 7:59	44.4	51.4	0.0	4.2	121.1		14	17	-0.3	-0.3	-18.4
GEW-039	10/4/2016 8:07	44.0	51.2	0.0	4.8	121.8		12	5	-0.3	-0.3	-18.5
GEW-039	10/13/2016 9:41	39.8	48.9	0.0	11.3	118.7		19	17	-1.0	-1.1	-17.1
GEW-039	10/13/2016 9:42	44.1	50.6	0.0	5.3	124.6		13	26	-1.1	-1.2	-18.7
GEW-039	10/13/2016 9:53	43.6	43.4	0.0	13.0	117.3		7	13	-0.1	-0.1	-19.5
GEW-039	10/17/2016 10:14	39.2	49.9	0.0	10.9	115.5		5	10	-0.1	-0.1	-17.7
GEW-039	10/17/2016 10:15	43.4	49.4	0.0	7.2	117.6		10	12	-0.2	-0.2	-17.9
GEW-039	10/25/2016 10:13	44.4	50.1	0.0	5.5	115.5		4	11	-0.2	-0.2	-18.8
GEW-040	10/6/2016 8:22	57.4	40.8	0.0	1.8	91.4		31	30	-0.4	-0.4	-12.4
GEW-040	10/6/2016 8:31	57.3	41.3	0.1	1.3	91.5		11	11	-0.4	-0.4	-12.1
GEW-040	10/13/2016 9:45	59.4	37.9	0.0	2.7	90.1		5	7	-0.4	-0.4	-12.6
GEW-040	10/17/2016 11:33	58.0	38.6	0.0	3.4	93.6		12	10	-0.1	-0.1	-11.7
GEW-040	10/24/2016 14:48	58.9	38.2	0.1	2.8	92.7		32	31	-0.2	-0.2	-12.2
GEW-041R	10/6/2016 8:39	51.2	36.3	0.5	12.0	104.5		24	24	-0.8	-0.8	-9.4
GEW-041R	10/6/2016 8:40	50.8	36.9	0.4	11.9	104.5		23	23	-0.8	-0.8	-10.3
GEW-041R	10/13/2016 9:52	49.4	36.7	0.1	13.8	103.5		0	0	-0.5	-0.5	-11.0

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Well Name	Date Sampled	Methane	CO_2	O_2	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H_2O		
GEW-041R	10/17/2016 11:36	52.7	37.5	0.2	9.6	102.7		8	11	-0.2	-0.2	-9.2
GEW-041R	10/24/2016 14:52	53.9	36.3	0.2	9.6	103.5		9	11	-0.3	-0.2	-8.4
GEW-042R	10/6/2016 8:47	53.9	41.7	0.4	4.0	100.8		0	0	-0.5	-0.5	-9.6
GEW-042R	10/6/2016 8:55	54.0	41.6	0.3	4.1	100.1		43	43	-0.5	-0.5	-11.0
GEW-042R	10/13/2016 9:56	55.6	40.1	0.0	4.3	94.1		28	29	-0.4	-0.4	-10.2
GEW-042R	10/17/2016 11:40	54.5	41.8	0.0	3.7	102.0		5	NR	0.2	NR	-10.7
GEW-042R	10/17/2016 11:42	53.9	42.3	0.0	3.8	103.8		4	4	-0.2	-0.2	-10.5
GEW-042R	10/24/2016 14:56	54.4	40.3	0.2	5.1	103.6		0	0	-0.4	-0.4	-10.5
GEW-043R	10/6/2016 9:01	51.9	40.2	0.2	7.7	129.2		30	33	-2.6	-2.6	-12.0
GEW-043R	10/6/2016 9:03	51.4	40.3	0.2	8.1	128.0		11	12	-2.0	-2.0	-12.2
GEW-043R	10/13/2016 10:00	53.0	39.2	0.0	7.8	127.8		9	12	-1.6	-1.6	-12.1
GEW-043R	10/17/2016 11:47	51.9	40.8	0.0	7.3	129.3		27	26	-0.8	-0.9	-11.9
GEW-043R	10/17/2016 11:48	51.8	41.5	0.0	6.7	129.4		23	26	-0.7	-0.7	-11.8
GEW-043R	10/24/2016 15:01	53.1	40.0	0.0	6.9	128.6		19	18	-0.7	-0.7	-11.9
GEW-044	10/6/2016 9:08	51.3	37.4	0.0	11.3	77.1		7	6	-0.6	-0.6	-2.1
GEW-044	10/13/2016 10:04	51.8	37.9	0.0	10.3	62.4		27	27	-0.4	-0.4	-1.6
GEW-044	10/17/2016 13:05	55.1	38.3	0.0	6.6	92.7		11	11	0.5	0.5	0.0
GEW-044	10/17/2016 13:08	55.1	38.1	0.0	6.8	88.4		8	7	0.0	0.0	-0.1
GEW-044	10/17/2016 13:13	55.0	36.8	0.0	8.2	90.8		8	8	0.4	0.4	-0.5
GEW-044	10/24/2016 15:05	55.0	40.1	0.0	4.9	75.6		0	0	0.3	0.3	-0.7
GEW-044	10/24/2016 15:09	55.8	38.6	0.0	5.6	79.8		3	3	0.2	0.2	-0.8
GEW-044	10/27/2016 13:51	52.9	36.7	0.8	9.6	67.1		9	7	-0.2	-0.2	-12.4
GEW-045R	10/6/2016 9:14	56.5	38.3	0.4	4.8	79.2		5	4	-1.5	-1.5	-12.0
GEW-045R	10/6/2016 9:22	56.7	38.2	0.5	4.6	79.8		6	6	-0.9	-0.9	-11.9
GEW-045R	10/13/2016 10:08	56.2	38.3	0.0	5.5	68.5		7	8	-0.8	-0.8	-12.6
GEW-045R	10/17/2016 13:17	57.4	37.5	0.2	4.9	89.8		8	10	-0.2	-0.3	-11.3
GEW-045R	10/24/2016 15:12	56.7	39.1	0.0	4.2	83.5		9	9	1.5	1.5	-11.6
GEW-045R	10/24/2016 15:15	55.4	40.5	0.0	4.1	84.4		8	8	0.8	0.8	-12.1
GEW-046R	10/6/2016 9:29	56.0	40.6	0.0	3.4	99.9		10	17	-0.2	-0.2	-12.4
GEW-046R	10/6/2016 9:36	55.5	40.5	0.0	4.0	99.9		15	14	-0.2	-0.2	-11.9
GEW-046R	10/13/2016 10:11	57.1	38.7	0.0	4.2	98.5		0	0	-0.3	-0.3	-12.9
GEW-046R	10/17/2016 13:21	56.8	38.4	0.0	4.8	101.6		10	10	0.1	0.1	-11.5
GEW-046R	10/17/2016 13:23	55.1	40.9	0.0	4.0	101.6		15	15	0.0	0.0	-11.5
GEW-046R	10/24/2016 15:18	55.3	40.2	0.0	4.5	98.7		30	28	-0.2	-0.2	-11.8
GEW-047R	10/6/2016 10:36	45.0	38.0	0.0	17.0	113.0		11	9	-0.2	-0.2	-11.3
GEW-047R	10/6/2016 10:44	45.2	36.9	0.1	17.8	113.2		40	40	-0.1	-0.1	-11.9
GEW-047R	10/13/2016 10:41	47.6	40.0	0.0	12.4	109.0		8	10	-0.1	-0.1	-12.5
GEW-047R	10/18/2016 8:10	48.3	38.6	0.0	13.1	111.5		0	0	-0.4	-0.4	-11.9
GEW-047R	10/24/2016 15:50	52.1	40.0	0.0	7.9	109.7		8	8	-0.1	-0.1	-11.8
GEW-048	10/6/2016 11:05	53.1	38.6	0.0	8.3	104.5		13	13	-0.3	-0.3	-7.6
GEW-048	10/6/2016 11:13	53.9	39.4	0.0	6.7	104.7		20	21	-0.3	-0.3	-7.5
GEW-048	10/13/2016 10:47	54.0	39.7	0.0	6.3	102.7		0	0	-0.3	-0.3	-7.3
GEW-048	10/13/2016 10:48	54.2	39.7	0.0	6.1	103.2		15	17	-0.4	-0.4	-7.9

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		(% vol)				°F		scfm		H_2O		
GEW-048	10/18/2016 8:17	53.6	37.8	0.0	8.6	104.0		16	15	-0.7	-0.7	-6.1
GEW-048	10/18/2016 8:18	53.1	39.0	0.0	7.9	104.3		10	12	-0.7	-0.7	-7.8
GEW-048	10/24/2016 15:57	54.7	36.9	0.0	8.4	103.6		0	0	-0.3	-0.3	-6.4
GEW-049	10/6/2016 11:28	39.0	34.7	0.0	26.3	111.0		8	8	-0.3	-0.3	-1.3
GEW-049	10/6/2016 11:43	38.1	34.5	0.0	27.4	109.0		0	0	-0.2	-0.2	-1.7
GEW-049	10/13/2016 11:30	43.8	39.2	0.0	17.0	99.2		0	0	0.0	0.0	-1.5
GEW-049	10/18/2016 8:37	49.6	38.0	0.0	12.4	91.0		5	5	-0.2	-0.2	-0.6
GEW-049	10/24/2016 16:15	53.7	37.7	0.0	8.6	91.9		34	34	0.1	0.1	-0.9
GEW-049	10/24/2016 16:17	53.8	38.4	0.0	7.8	91.9		31	32	0.1	0.1	-1.3
GEW-049	10/26/2016 17:01	52.5	37.3	0.2	10.0	114.3		17	14	-0.3	-0.3	-12.6
GEW-050	10/6/2016 13:55	53.6	39.3	0.0	7.1	108.2		17	17	-0.2	-0.2	-5.1
GEW-050	10/13/2016 10:55	54.0	39.2	0.0	6.8	105.8		17	17	-0.4	-0.4	-8.6
GEW-050	10/13/2016 10:56	54.5	39.8	0.0	5.7	106.4		0	0	-0.5	-0.5	-6.8
GEW-050	10/18/2016 8:30	53.6	36.3	0.0	10.1	107.7		22	20	-0.8	-0.8	-7.7
GEW-050	10/24/2016 16:08	53.6	36.5	0.0	9.9	108.0		26	27	-0.5	-0.5	-9.8
GEW-051	10/6/2016 11:49	53.9	40.6	0.0	5.5	126.9		29	28	-0.9	-0.9	-11.2
GEW-051	10/13/2016 11:28	54.3	39.6	0.0	6.1	124.0		5	11	-0.7	-0.7	-11.9
GEW-051	10/18/2016 8:41	53.5	39.5	0.0	7.0	126.8		23	25	-0.9	-1.0	-11.4
GEW-051	10/18/2016 8:43	53.2	40.4	0.0	6.4	126.1		26	27	-0.9	-0.9	-11.9
GEW-051	10/24/2016 16:20	53.8	38.5	0.0	7.7	125.7		22	22	-0.3	-0.3	-11.5
GEW-052	10/6/2016 13:59	49.7	38.8	0.0	11.5	113.7		32	32	-0.3	-0.2	-12.2
GEW-052	10/13/2016 11:05	49.2	38.2	0.0	12.6	110.4		13	13	-0.4	-0.4	-12.3
GEW-052	10/13/2016 11:06	47.7	40.0	0.0	12.3	109.9		13	17	-0.3	-0.3	-12.1
GEW-052	10/18/2016 8:33	48.3	37.3	0.0	14.4	112.7		20	19	-0.4	-0.4	-11.9
GEW-052	10/24/2016 16:11	50.8	38.0	0.0	11.2	113.5		38	36	-0.1	-0.1	-12.4
GEW-053	10/6/2016 13:12	50.7	41.2	0.1	8.0	142.8		22	24	-1.3	-1.3	-11.6
GEW-053	10/6/2016 13:20	50.4	42.1	0.1	7.4	142.9		20	19	-1.2	-1.2	-12.0
GEW-053	10/13/2016 11:23	50.0	41.8	0.0	8.2	142.2		15	14	-1.3	-1.3	-12.1
GEW-053	10/13/2016 11:24	49.7	42.3	0.0	8.0	142.2		17	14	-1.3	-1.2	-12.6
GEW-053	10/18/2016 8:47	50.3	39.6	0.0	10.1	139.6		17	20	-1.6	-1.6	-12.2
GEW-053	10/18/2016 8:48	49.7	40.3	0.0	10.0	139.6		41	42	-1.6	-1.6	-11.8
GEW-053	10/24/2016 16:24	50.3	39.1	0.0	10.6	141.9		20	18	-1.0	-1.0	-12.1
GEW-053	10/24/2016 16:25	49.7	40.5	0.0	9.8	142.2		34	34	-1.0	-1.0	-12.2
GEW-054	10/6/2016 13:28	51.6	40.8	0.0	7.6	144.3		58	38	-5.6	-5.2	-7.8
GEW-054	10/6/2016 13:36	52.0	40.5	0.1	7.4	144.9		54	62	-5.9	-5.9	-8.4
GEW-054	10/13/2016 11:20	51.5	41.7	0.0	6.8	144.2		55	51	-6.9	-6.8	-9.4
GEW-054	10/13/2016 11:20	51.0	41.8	0.0	7.2	144.1		55	44	-6.6	-6.5	-9.2
GEW-054	10/18/2016 8:56	51.6	40.0	0.0	8.4	143.3		55	60	-6.7	-6.7	-9.6
GEW-054	10/18/2016 8:57	50.8	40.8	0.0	8.4	143.4		61	55	-6.7	-6.6	-9.2
GEW-054	10/24/2016 16:31	52.6	37.9	0.0	9.5	144.2		60	60	-6.8	-6.8	-9.6
GEW-054	10/24/2016 16:33	51.2	40.3	0.0	8.5	144.9		69	64	-6.6	-6.7	-9.4
GEW-055	10/6/2016 13:41	53.5	41.3	0.1	5.1	129.4		13	13	-0.5	-0.5	-8.5
GEW-055	10/6/2016 13:50	54.1	40.8	0.1	5.0	129.2		37	36	-0.5	-0.5	-8.5

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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-055	10/13/2016 11:17	51.9	41.9	0.0	6.2	126.3		7	5	-0.6	-0.6	-8.5
GEW-055	10/18/2016 9:00	51.8	39.6	0.0	8.6	128.3		34	34	-0.8	-0.8	-8.0
GEW-055	10/24/2016 16:36	52.0	37.8	0.1	10.1	128.3		0	0	-0.5	-0.5	-8.1
GEW-056R	10/4/2016 10:58	14.9	52.5	0.0	32.6	126.6		2	5	-0.2	-0.2	-18.0
GEW-056R	10/4/2016 11:06	15.6	49.9	0.0	34.5	126.1		1	4	-0.2	-0.2	-17.2
GEW-056R	10/13/2016 9:45	18.9	51.2	0.0	29.9	107.1		2	1	-0.3	-0.3	-18.7
GEW-056R	10/13/2016 9:47	18.6	52.9	0.0	28.5	106.8		3	1	-0.1	-0.1	-19.1
GEW-056R	10/17/2016 10:24	3.4	56.6	0.0	40.0	104.2		4	2	0.1	0.1	-18.3
GEW-056R	10/17/2016 10:25	2.6	55.5	0.0	41.9	104.1		2	1	0.1	-0.3	-18.4
GEW-056R	10/25/2016 10:32	18.7	53.8	0.0	27.5	115.3		2	3	-0.4	-0.4	-19.6
GEW-057B	10/26/2016 10:29	3.9	50.6	0.0	45.5	73.0		14	7	-5.4	-6.4	-5.5
GEW-057R	10/26/2016 10:32	2.4	31.2	3.4	63.0	119.6		8	3	-8.9	-8.9	-10.3
GEW-058	10/26/2016 10:19	2.7	34.8	8.8	53.7	130.2		9	7	-15.9	-15.8	-18.6
GEW-058	10/26/2016 10:23	1.1	42.7	5.0	51.2	112.0		7	4	-4.0	-4.6	-18.5
GEW-058A	10/21/2016 11:42	14.4	32.6	7.5	45.5	107.0		2	2	-7.0	-6.9	-8.3
GEW-058A	10/21/2016 11:44	14.7	34.7	7.3	43.3	106.0		2	3	-7.4	-7.4	-9.4
GEW-059R	10/26/2016 11:30	4.4	45.6	1.9	48.1	185.7		10	20	-12.4	-12.6	-13.3
GEW-059R	10/26/2016 11:31	4.9	47.8	1.7	45.6	186.4		11	7	-12.2	-12.5	-13.6
GEW-067A	10/26/2016 15:57	8.2	45.2	2.8	43.8	161.6		37	20	-11.9	-13.5	-17.8
GEW-067A	10/26/2016 15:59	7.7	50.7	2.4	39.2	160.1		24	17	-8.8	-8.6	-17.0
GEW-077	10/21/2016 10:15	0.7	57.0	0.5	41.8	176.4		NFD		-14.2	-16.4	-14.3
GEW-077	10/21/2016 10:17	0.5	57.9	1.0	40.6	176.4		NFD		-13.3	-17.4	-13.6
GEW-078R	10/21/2016 9:59	9.2	48.5	1.8	40.5	184.7		13	21	-13.8	-14.2	-17.2
GEW-078R	10/21/2016 10:02	9.5	51.4	0.0	39.1	185.1		25	27	-17.6	-17.8	-17.0
GEW-080	10/21/2016 10:22	0.2	50.6	1.2	48.0	67.0		14	14	-17.2	-17.2	-17.0
GEW-081	10/21/2016 10:27	0.5	59.0	0.0	40.5	67.1		NR	NR	27.9	27.9	28.3
GEW-081	10/21/2016 11:13	0.5	60.3	0.0	39.2	66.4		NR	NR	31.3	31.3	31.2
GEW-082R	10/19/2016 10:37	0.9	50.5	0.0	48.6	88.6		3	8	6.6	6.2	6.7
GEW-082R	10/19/2016 10:38	0.9	53.2	0.0	45.9	96.7		7	7	5.9	5.8	6.2
GEW-086	10/21/2016 9:52	12.7	38.4	3.2	45.7	90.1		27	43	-3.9	-4.2	-18.9
GEW-088	10/21/2016 9:31	5.2	48.7	0.0	46.1	194.6		6	1	-0.4	-0.3	-15.9
GEW-088	10/21/2016 9:33	13.6	51.9	0.0	34.5	179.2		18	NR	-11.8	NR	-13.3
GEW-089	10/21/2016 9:43	3.6	20.5	16.6	59.3	58.7		5	4	-4.0	-4.1	-18.2
GEW-089	10/21/2016 9:44	3.9	15.8	17.3	63.0	59.4		12	5	-4.1	-4.1	-18.3
GEW-090	10/26/2016 14:39	13.3	47.9	0.3	38.5	181.5		9	16	-17.5	-18.3	-18.0
GEW-090	10/26/2016 14:40	13.0	50.3	0.1	36.6	181.4		16	7	-17.5	-17.8	-17.0
GEW-101	10/26/2016 16:22	9.9	46.6	5.8	37.7	93.9		48	27	-4.7	-4.7	-12.7
GEW-101	10/26/2016 16:24	9.6	49.2	5.8	35.4	93.9		17	39	-2.0	-3.6	-6.0
GEW-102	10/19/2016 11:41	5.1	54.4	0.0	40.5	194.3		NFD		-13.5	-14.0	-13.3
GEW-102	10/19/2016 11:43	5.2	58.4	0.0	36.4	194.3		NFD		-12.6	-12.5	-12.4
GEW-104	10/26/2016 10:38	0.7	58.7	0.0	40.6	72.1		6	6	6.3	4.9	6.1
GEW-104	10/26/2016 10:39	0.7	59.0	0.0	40.3	72.0		7	7	4.3	4.9	4.4
GEW-105	10/26/2016 10:55	6.2	30.1	10.7	53.0	180.4		26	13	-13.1	-13.2	-7.8

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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-105	10/26/2016 10:58	6.6	39.9	6.7	46.8	170.0		16	10	-0.3	-0.3	-1.8
GEW-108	10/4/2016 9:36	35.5	54.2	0.1	10.2	130.6		10	12	-15.7	-17.4	-15.7
GEW-109	10/4/2016 8:11	21.6	51.3	0.1	27.0	121.5		8	9	-18.3	-18.7	-18.2
GEW-109	10/4/2016 8:19	21.6	48.8	0.1	29.5	123.7		10	6	-19.2	-19.4	-19.5
GEW-109	10/13/2016 9:37	19.8	44.4	0.4	35.4	109.0		4	13	-18.0	-18.3	-18.2
GEW-109	10/13/2016 9:38	23.4	47.7	0.1	28.8	110.8		3	3	-18.9	-19.2	-19.2
GEW-109	10/17/2016 10:10	13.7	50.3	0.1	35.9	120.7		4	4	-19.1	-18.6	-18.5
GEW-109	10/17/2016 10:12	22.9	51.9	0.0	25.2	122.6		8	2	-18.9	-16.9	-18.8
GEW-109	10/25/2016 10:10	23.2	48.9	0.1	27.8	92.5		3	3	-16.2	-16.2	-17.7
GEW-110	10/4/2016 10:21	5.2	21.8	11.3	61.7	105.3		4	8	-0.3	-0.3	-17.7
GEW-110	10/4/2016 10:22	5.6	22.7	11.2	60.5	105.4		5	6	-0.3	-0.3	-17.5
GEW-110	10/4/2016 14:00	6.9	30.6	7.5	55.0	115.8		6	8	-0.2	-0.2	-18.0
GEW-110	10/4/2016 14:08	6.7	29.8	7.8	55.7	115.8		5	3	-0.2	-0.3	-18.3
GEW-110	10/13/2016 9:58	10.3	28.1	14.2	47.4	87.9		8	7	-0.7	-0.7	-19.2
GEW-110	10/13/2016 9:59	4.8	22.6	15.0	57.6	88.2		7	6	-0.7	-0.7	-18.9
GEW-110	10/17/2016 10:31	5.9	48.0	9.6	36.5	101.9		7	7	-0.7	-0.7	-18.1
GEW-110	10/17/2016 10:32	5.9	33.5	10.2	50.4	102.5		7	8	-0.7	-0.7	-18.0
GEW-110	10/25/2016 10:47	9.9	56.4	0.0	33.7	69.7		2	4	0.1	0.1	-19.1
GEW-110	10/25/2016 10:49	10.2	55.4	0.0	34.4	74.2		6	0	-0.1	-0.1	-19.3
GEW-110	10/27/2016 17:17	9.2	47.8	2.1	40.9	97.7		3	2	-0.1	-0.1	-18.0
GEW-113	10/19/2016 11:28	10.1	48.6	1.7	39.6	173.2		NFD		-4.8	-4.8	-17.6
GEW-113	10/19/2016 11:29	10.1	50.6	1.7	37.6	173.6		NFD		-4.8	-4.8	-16.9
GEW-117	10/19/2016 9:25	6.4	50.2	2.2	41.2	73.6		NFD		-16.4	-16.5	-16.2
GEW-118	10/19/2016 9:29	2.2	50.6	2.0	45.2	195.0		79	81	-9.1	-8.5	-16.8
GEW-118	10/21/2016 11:09	2.8	48.5	2.7	46.0	194.3		68	61	-6.9	-6.4	-11.9
GEW-120	10/5/2016 14:03	18.7	53.0	0.1	28.2	146.3		NFD		-14.5	-14.3	-7.5
GEW-120	10/5/2016 14:04	18.6	55.6	0.1	25.7	146.3		NFD		-14.2	-14.0	-7.3
GEW-120	10/17/2016 15:20	13.8	32.8	0.3	53.1	149.7		NFD		-15.2	-15.3	-15.6
GEW-120	10/17/2016 15:20	17.3	56.7	3.2	22.8	149.3		NFD		-15.6	-15.2	-15.7
GEW-121	10/5/2016 12:02	17.7	48.1	0.2	34.0	180.3		31	31	-12.5	-13.0	-13.8
GEW-121	10/5/2016 12:04	23.2	55.8	0.0	21.0	180.4		8	14	-12.0	-11.5	-13.2
GEW-121	10/17/2016 15:23	10.1	54.9	0.0	35.0	179.3		5	NR	-14.2	NR	-14.0
GEW-121	10/17/2016 15:23	9.5	57.5	0.0	33.0	179.3		21	29	-13.2	-14.2	-13.9
GEW-122	10/5/2016 11:37	31.8	52.7	0.0	15.5	188.3		25	23	-6.2	-6.2	-16.3
GEW-122	10/5/2016 11:38	31.7	51.8	0.0	16.5	188.3		19	24	-6.3	-6.2	-16.5
GEW-122	10/17/2016 15:38	21.1	51.8	0.0	27.1	184.1		19	21	-7.4	-7.4	-17.5
GEW-122	10/17/2016 15:39	22.3	52.8	0.1	24.8	184.1		17	20	-7.8	-7.8	-17.4
GEW-123	10/5/2016 11:53	17.4	55.0	1.9	25.7	93.4		5	4	-14.9	-14.6	-14.8
GEW-123	10/5/2016 11:54	17.7	52.7	1.6	28.0	95.0		3	7	-14.5	-14.8	-14.7
GEW-123	10/17/2016 15:26	9.9	60.9	0.3	28.9	147.4		11	4	-16.1	-15.6	-16.2
GEW-123	10/17/2016 15:27	10.1	61.5	0.2	28.2	150.9		16	14	-15.6	-15.7	-15.0
GEW-124	10/6/2016 16:20	1.1	41.3	7.8	49.8	91.3		2	2	-14.4	-14.4	-14.8
GEW-124	10/6/2016 16:27	0.5	25.4	12.8	61.3	91.0		2	2	-14.5	-14.7	-15.1

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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		
GEW-124	10/17/2016 15:29	4.3	32.1	10.0	53.6	93.8		4	5	-15.6	-15.6	-15.8
GEW-124	10/17/2016 15:30	4.5	36.0	9.2	50.3	95.0		4	3	-15.6	-15.6	-14.8
GEW-125	10/5/2016 11:08	5.2	56.8	0.0	38.0	190.2		26	29	-12.6	-12.6	-15.1
GEW-125	10/5/2016 11:10	5.6	57.8	0.0	36.6	190.2		24	24	-13.1	-13.1	-14.8
GEW-125	10/17/2016 15:41	3.3	58.6	0.1	38.0	190.6		33	26	-11.8	-12.3	-16.3
GEW-125	10/17/2016 15:42	1.5	60.3	0.1	38.1	190.8		33	31	-11.3	-11.8	-15.6
GEW-126	10/5/2016 10:57	24.9	51.5	0.0	23.6	178.0		7	4	-12.0	-12.0	-12.2
GEW-126	10/5/2016 10:58	26.1	52.4	0.0	21.5	178.2		2	3	-12.1	-12.4	-13.2
GEW-126	10/17/2016 15:49	17.8	55.0	0.1	27.1	177.2		13	2	-12.1	-11.8	-12.2
GEW-126	10/17/2016 15:49	17.5	55.5	0.2	26.8	176.7		15	16	-12.2	-12.2	-12.4
GEW-127	10/5/2016 10:41	10.4	62.4	0.1	27.1	188.9		24	36	-11.9	-14.8	-12.3
GEW-127	10/5/2016 10:43	11.2	63.3	0.0	25.5	188.9		38	36	-14.5	-14.5	-15.3
GEW-127	10/17/2016 15:51	7.7	60.8	0.3	31.2	186.9		33	31	-14.6	-14.6	-14.7
GEW-127	10/17/2016 15:52	5.0	66.4	0.3	28.3	187.4		40	33	-14.7	-14.2	-15.5
GEW-128	10/5/2016 10:31	11.5	60.8	0.0	27.7	175.3		21	18	-5.1	-5.2	-16.0
GEW-128	10/5/2016 10:32	11.9	62.8	0.0	25.3	175.3		21	14	-5.1	-5.1	-17.4
GEW-128	10/6/2016 16:11	6.3	61.8	0.2	31.7	175.9		19	20	-5.0	-5.0	-15.1
GEW-128	10/6/2016 16:13	6.9	64.3	0.2	28.6	176.6		26	22	-8.5	-8.4	-15.9
GEW-128	10/17/2016 15:54	5.5	64.6	0.3	29.6	173.1		23	21	-10.7	-10.8	-15.8
GEW-128	10/17/2016 15:55	6.8	65.9	0.3	27.0	173.1		24	22	-10.8	-10.8	-15.0
GEW-129	10/5/2016 10:26	3.9	58.9	0.0	37.2	179.8		14	5	-12.6	-12.7	-15.5
GEW-129	10/5/2016 10:27	4.5	60.6	0.0	34.9	180.1		8	17	-12.6	-12.7	-15.7
GEW-129	10/17/2016 15:57	2.5	63.1	0.3	34.1	176.4		11	10	-14.6	-14.2	-15.0
GEW-129	10/17/2016 15:58	2.0	64.5	0.3	33.2	176.7		14	1	-14.2	-14.6	-15.2
GEW-130	10/5/2016 10:14	8.6	49.8	4.0	37.6	171.0		78	70	-4.8	-4.7	-15.8
GEW-130	10/5/2016 10:17	8.6	50.2	3.6	37.6	172.6		58	54	-3.3	-3.3	-16.5
GEW-130	10/6/2016 16:03	5.2	55.0	2.3	37.5	177.4		55	53	-2.6	-2.6	-15.9
GEW-130	10/6/2016 16:05	6.0	56.0	2.8	35.2	174.7		83	70	-5.0	-4.7	-14.8
GEW-130	10/17/2016 16:08	5.7	52.8	5.2	36.3	171.2		73	82	-5.9	-5.9	-14.9
GEW-130	10/17/2016 16:09	5.4	49.2	5.3	40.1	170.7		78	87	-5.8	-5.9	-15.5
GEW-131	10/5/2016 11:14	19.5	49.3	0.0	31.2	90.8		NFD		3.3	3.3	3.7
GEW-131	10/5/2016 11:15	20.3	48.3	0.0	31.4	94.3		NFD		3.3	3.3	3.7
GEW-131	10/17/2016 15:45	10.4	53.3	0.1	36.2	96.7		NFD		2.9	3.8	4.0
GEW-131	10/17/2016 15:46	11.2	50.8	0.1	37.9	98.5		NFD		3.6	3.6	4.1
GEW-132	10/5/2016 13:58	9.0	34.2	5.4	51.4	146.0		NFD		-3.9	-3.7	-1.8
GEW-132	10/5/2016 13:59	9.0	35.5	5.3	50.2	147.7		NFD		-3.8	-3.9	-7.2
GEW-132	10/17/2016 15:33	10.6	39.2	2.2	48.0	166.2		NFD		-4.2	-4.2	-15.2
GEW-132	10/17/2016 15:34	11.3	41.1	2.1	45.5	166.4		NFD		-4.1	-3.9	-11.5
GEW-133	10/5/2016 14:11	1.3	25.6	15.8	57.3	91.7		11	11	-15.0	-14.9	-7.8
GEW-133	10/5/2016 14:16	0.1	13.8	16.9	69.2	93.2		9	10	-14.2	-14.2	-7.4
GEW-133	10/17/2016 16:28	1.3	22.9	17.3	58.5	89.7		4	2	-15.7	-15.6	-15.6
GEW-133	10/17/2016 16:29	0.2	16.4	17.2	66.2	90.1		6	4	-15.7	-15.7	-15.7
GEW-134	10/5/2016 14:21	8.3	37.7	2.4	51.6	130.9		NFD		-12.7	-12.7	-7.8

October 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-134	10/5/2016 14:22	8.3	38.5	2.3	50.9	130.9		NFD		-12.7	-12.7	-7.4
GEW-134	10/17/2016 16:24	10.0	50.7	2.1	37.2	135.0		NFD		-14.2	-14.2	-16.0
GEW-134	10/17/2016 16:25	9.5	42.9	2.1	45.5	135.6		NFD		-14.2	-14.2	-15.8
GEW-135	10/5/2016 14:26	5.8	48.5	0.7	45.0	173.6		26	14	-9.3	-7.8	-6.9
GEW-135	10/5/2016 14:27	7.0	53.5	0.6	38.9	173.4		5	31	-7.7	-9.1	-2.9
GEW-135	10/17/2016 16:21	6.8	48.6	1.0	43.6	167.3		15	24	-10.8	-8.8	-15.7
GEW-135	10/17/2016 16:22	7.4	54.0	1.1	37.5	167.4		18	21	-9.3	-8.8	-10.0
GEW-136	10/6/2016 16:35	4.2	24.4	9.6	61.8	127.6		4	9	-0.9	-0.9	-10.7
GEW-136	10/6/2016 16:37	4.2	24.5	9.5	61.8	126.9		9	10	-0.8	-0.8	-12.8
GEW-136	10/17/2016 16:18	6.0	30.7	7.3	56.0	122.9		9	7	-0.9	-0.8	-14.6
GEW-136	10/17/2016 16:19	5.2	29.8	7.4	57.6	122.6		8	5	-0.8	-0.9	-13.4
GEW-137	10/5/2016 13:44	39.8	41.0	0.3	18.9	93.9		8	3	-0.6	-0.6	-14.6
GEW-137	10/5/2016 13:45	38.8	43.4	0.2	17.6	95.4		2	10	-0.6	-0.6	-12.2
GEW-137	10/6/2016 16:42	38.9	43.6	0.3	17.2	88.4		5	8	-0.6	-0.6	-13.8
GEW-137	10/6/2016 16:54	38.7	42.2	0.3	18.8	94.1		4	6	-8.3	-8.4	-9.7
GEW-137	10/17/2016 16:14	18.6	41.4	1.2	38.8	96.6		2	3	-8.8	-8.8	-13.2
GEW-138	10/5/2016 10:01	8.5	35.0	3.1	53.4	161.1		14	15	-0.6	-0.4	-9.1
GEW-138	10/5/2016 10:02	8.5	34.9	3.0	53.6	161.1		4	7	-0.4	-0.4	-11.4
GEW-138	10/17/2016 16:12	11.5	48.3	0.7	39.5	164.1		7	8	-0.3	-0.3	-7.8
GEW-138	10/17/2016 16:12	12.1	48.9	0.7	38.3	164.1		9	7	-0.3	-0.4	-9.3
GEW-139	10/5/2016 10:08	5.3	52.2	0.6	41.9	177.3		31	30	-7.9	-7.8	-16.7
GEW-139	10/5/2016 10:10	6.4	55.7	0.6	37.3	177.5		32	28	-8.1	-7.8	-17.8
GEW-139	10/17/2016 16:04	3.8	56.1	0.4	39.7	176.7		31	32	-7.8	-7.8	-16.1
GEW-139	10/17/2016 16:06	4.5	59.6	0.4	35.5	176.7		31	23	-7.8	-7.8	-17.0
GEW-140	10/5/2016 9:41	7.3	52.4	0.0	40.3	79.6		8	11	-14.9	-16.4	-14.6
GEW-140	10/17/2016 16:42	2.6	23.4	20.3	53.7	88.5		10	6	-15.6	-14.2	-15.4
GEW-140	10/17/2016 16:43	0.1	3.3	21.8	74.8	88.8		4	6	-14.2	-15.6	-13.7
GEW-141	10/5/2016 9:28	0.9	59.1	0.0	40.0	187.9		14	7	-12.4	-12.5	-12.4
GEW-141	10/6/2016 15:57	6.5	48.9	0.2	44.4	189.6		13	11	-11.3	-11.3	-11.6
GEW-141	10/18/2016 9:54	1.6	52.9	0.0	45.5	183.5		9	4	-10.4	-10.7	-10.5
GEW-141	10/18/2016 9:55	0.5	59.6	0.0	39.9	183.9		5	10	-10.2	-10.8	-10.0
GEW-142	10/5/2016 9:22	1.2	55.6	0.0	43.2	152.9		12	4	-7.1	-7.1	-7.0
GEW-142	10/5/2016 9:24	1.4	61.6	0.0	37.0	153.3		9	6	-7.0	-7.1	-7.0
GEW-142	10/18/2016 9:59	0.1	10.3	20.3	69.3	79.4		2	2	-5.0	-5.0	-5.0
GEW-142	10/18/2016 10:00	0.0	3.3	21.3	75.4	80.2		4	5	-5.8	-5.8	-5.6
GEW-143	10/5/2016 9:12	0.5	37.3	7.1	55.1	69.1		4	2	-15.9	-15.9	-16.3
GEW-143	10/5/2016 9:13	0.5	35.8	7.5	56.2	69.5		1	0	-16.4	-16.2	-16.3
GEW-143	10/18/2016 10:04	0.1	2.7	21.2	76.0	78.9		11	8	-8.0	-7.8	-14.4
GEW-143	10/18/2016 10:06	0.0	2.3	20.8	76.9	80.3		5	1	-11.6	-11.5	-15.4
GEW-144	10/5/2016 9:08	6.7	58.3	0.0	35.0	69.3		8	6	-15.9	-15.9	-15.9
GEW-144	10/18/2016 10:09	2.3	28.6	9.9	59.2	91.2		11	4	-13.8	-12.7	-13.5
GEW-144	10/18/2016 10:10	3.0	35.9	8.1	53.0	90.5		4	8	-11.2	-11.0	-11.0
GEW-145	10/5/2016 8:56	3.0	15.2	16.9	64.9	66.3		15	12	-15.4	-15.4	-15.4

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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-145	10/5/2016 9:02	2.4	15.4	17.1	65.1	66.9		9	3	-14.3	-14.2	-14.8
GEW-145	10/18/2016 10:46	1.7	18.7	16.3	63.3	82.3		5	5	-12.6	-12.6	-12.4
GEW-145	10/18/2016 10:47	1.3	12.8	18.0	67.9	82.8		7	4	-12.3	-12.3	-12.4
GEW-146	10/5/2016 13:38	2.1	9.2	13.9	74.8	100.6		5	15	-0.7	-0.7	-16.4
GEW-146	10/5/2016 13:40	2.1	8.8	13.8	75.3	100.5		21	17	-0.5	-0.6	-16.7
GEW-146	10/18/2016 10:17	2.3	11.0	15.6	71.1	96.5		18	19	-0.5	-0.5	-17.0
GEW-146	10/18/2016 10:19	2.2	7.9	15.7	74.2	96.2		12	15	-0.3	-0.3	-16.6
GEW-147	10/5/2016 14:40	12.0	50.6	0.2	37.2	184.5		NFD		-15.1	-15.1	-8.1
GEW-147	10/5/2016 14:41	13.0	53.7	0.1	33.2	185.1		NFD		-15.1	-15.1	-8.2
GEW-147	10/18/2016 10:38	13.3	50.1	0.0	36.6	185.1		NFD		-16.7	-16.8	-16.7
GEW-147	10/18/2016 10:40	13.2	53.2	0.0	33.6	185.3		NFD		-16.4	-16.4	-16.3
GEW-148	10/5/2016 14:51	0.1	5.7	18.9	75.3	96.5		3	14	-15.6	-15.3	-8.2
GEW-148	10/5/2016 14:53	0.0	3.8	19.1	77.1	97.8		7	8	-15.6	-15.2	-8.3
GEW-148	10/18/2016 10:53	0.1	4.0	21.5	74.4	82.1		2	6	-16.9	-16.9	-16.8
GEW-148	10/18/2016 10:54	0.0	0.3	22.1	77.6	83.0		7	1	-17.0	-16.8	-17.0
GEW-149	10/5/2016 15:47	11.4	41.1	3.1	44.4	170.0		30	16	-0.3	-0.5	-9.9
GEW-149	10/5/2016 15:48	11.4	43.8	2.9	41.9	170.0		7	18	-0.5	-0.2	-9.5
GEW-149	10/18/2016 16:01	11.7	42.1	2.1	44.1	165.7		22	17	-0.7	-0.8	-18.7
GEW-149	10/18/2016 16:02	12.2	45.1	1.9	40.8	165.7		23	20	-0.6	-0.7	-18.7
GEW-150	10/5/2016 8:36	2.8	49.8	3.1	44.3	184.7		2	5	-0.4	-0.4	-16.8
GEW-150	10/5/2016 8:38	2.4	54.0	3.0	40.6	184.6		6	9	-0.4	-0.4	-19.8
GEW-150	10/18/2016 11:24	3.0	64.4	0.0	32.6	180.3		3	3	-0.2	-0.2	-16.7
GEW-150	10/18/2016 11:25	3.4	63.4	0.0	33.2	179.7		7	7	-0.3	-0.3	-16.7
GEW-151	10/5/2016 15:02	12.0	42.2	4.3	41.5	140.6		22	8	-12.4	-14.3	-8.6
GEW-151	10/5/2016 15:05	12.0	42.5	4.2	41.3	141.2		12	5	-0.5	-0.5	-8.8
GEW-151	10/18/2016 11:00	12.3	39.0	5.1	43.6	97.1		21	21	-11.3	-15.2	-17.0
GEW-151	10/18/2016 11:03	12.4	41.5	4.9	41.2	92.9		6	7	-0.2	-0.2	-17.3
GEW-152	10/5/2016 8:00	19.0	50.9	0.0	30.1	179.2		14	2	-18.3	-18.3	-19.2
GEW-152	10/5/2016 8:01	18.8	51.8	0.0	29.4	179.2		12	15	-18.3	-18.2	-18.3
GEW-152	10/18/2016 15:41	23.0	46.1	0.1	30.8	175.1		11	11	-17.8	-17.8	-18.5
GEW-152	10/18/2016 15:42	20.6	50.1	0.0	29.3	175.3		7	6	-17.6	-17.6	-18.1
GEW-153	10/5/2016 7:53	28.3	47.1	0.0	24.6	135.3		12	18	-12.4	-12.5	-17.6
GEW-153	10/5/2016 7:54	29.4	43.6	0.0	27.0	135.6		18	15	-12.4	-12.4	-16.8
GEW-153	10/18/2016 15:46	29.0	44.7	0.0	26.3	141.9		13	15	-10.4	-10.7	-13.8
GEW-153	10/18/2016 15:48	30.0	44.7	0.0	25.3	142.2		22	16	-10.5	-10.9	-15.4
GEW-154	10/5/2016 15:09	2.3	9.5	16.7	71.5	120.2		9	7	-3.0	-3.0	-9.8
GEW-154	10/5/2016 15:12	2.2	5.7	17.1	75.0	118.9		11	11	-2.5	-2.4	-9.9
GEW-154	10/18/2016 15:53	9.9	30.2	14.7	45.2	110.5		4	7	-3.0	-3.1	-18.1
GEW-154	10/18/2016 15:55	1.6	6.0	17.8	74.6	108.5		3	2	-2.8	-2.8	-17.9
GEW-155	10/5/2016 13:50	6.2	22.8	13.2	57.8	137.7		17	15	-0.1	-0.2	-5.3
GEW-155	10/5/2016 13:51	1.8	12.1	14.1	72.0	138.2		9	13	0.0	-0.2	-0.8
GEW-155	10/18/2016 16:13	2.8	21.7	10.3	65.2	140.9		17	11	-0.7	-0.6	-9.2
GEW-155	10/18/2016 16:14	2.7	19.9	10.5	66.9	140.6		15	11	-0.4	-0.5	-9.2

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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-156	10/5/2016 8:48	3.0	14.4	17.5	65.1	99.7		12	13	-0.8	-0.8	-19.3
GEW-156	10/5/2016 8:51	3.5	7.7	18.4	70.4	99.4		11	12	-0.8	-0.8	-19.4
GEW-156	10/5/2016 14:34	3.7	27.0	9.3	60.0	127.2		8	8	-0.5	-0.5	-7.4
GEW-156	10/5/2016 14:35	4.0	24.9	9.3	61.8	127.5		7	6	-0.5	-0.5	-3.9
GEW-156	10/18/2016 11:09	5.0	12.1	15.2	67.7	112.7		7	15	-0.4	-0.4	-17.8
GEW-156	10/18/2016 11:10	5.1	11.0	15.3	68.6	112.7		7	10	-0.4	-0.4	-17.4
GEW-157	10/5/2016 8:42	7.5	56.2	0.0	36.3	120.7		12	7	2.3	2.1	2.3
GEW-157	10/5/2016 8:43	7.7	57.4	0.0	34.9	119.9		30	12	2.2	2.4	2.4
GEW-157	10/18/2016 11:15	0.5	55.9	0.0	43.6	85.7		11	2	4.8	4.4	4.7
GEW-157	10/18/2016 11:16	0.5	57.5	0.0	42.0	85.8		1	1	4.2	4.1	4.5
GEW-158	10/5/2016 8:07	0.8	56.7	0.0	42.5	103.3		6	6	2.2	2.2	0.5
GEW-158	10/5/2016 8:17	0.6	57.7	0.0	41.7	199.3		9	11	-0.8	-0.9	-1.2
GEW-158	10/7/2016 9:06	0.6	31.3	0.1	68.0	195.1		15	13	-3.9	-3.4	-4.3
GEW-158	10/18/2016 11:31	1.2	60.1	0.0	38.7	191.6		4	5	0.6	0.4	0.5
GEW-158	10/18/2016 11:33	4.2	60.5	0.0	35.3	194.3		17	18	0.0	-0.4	0.2
GEW-159	10/5/2016 7:47	0.4	48.5	3.4	47.7	69.1		2	2	-0.4	-0.4	-10.0
GEW-159	10/5/2016 7:48	0.3	50.0	3.0	46.7	69.1		1	0	-0.4	-0.4	-9.9
GEW-159	10/18/2016 11:47	1.0	45.4	3.0	50.6	81.9		64	64	-5.0	-5.0	-8.6
GEW-160	10/5/2016 16:03	3.5	57.7	0.1	38.7	185.7		10	20	-5.6	-5.8	1.4
GEW-160	10/5/2016 16:04	3.5	59.0	0.2	37.3	185.7		19	20	-6.1	-5.9	1.0
GEW-160	10/17/2016 17:16	3.6	56.1	0.3	40.0	184.1		12	23	-7.8	-7.4	-7.5
GEW-160	10/17/2016 17:17	4.2	59.5	0.4	35.9	184.1		14	3	-7.8	-7.7	-7.4
GEW-161	10/5/2016 15:57	0.7	54.9	0.5	43.9	95.5		11	11	-5.8	-5.9	1.4
GEW-161	10/5/2016 15:59	0.9	54.2	0.2	44.7	95.8		20	12	-5.5	-5.9	1.8
GEW-161	10/17/2016 17:14	1.0	28.4	10.7	59.9	105.6		40	26	-7.4	-7.8	-6.7
GEW-161	10/17/2016 17:15	2.3	42.2	5.8	49.7	110.4		8	35	-7.8	-7.8	-7.6
GEW-162	10/5/2016 15:51	9.0	56.1	0.3	34.6	175.4		13	13	-16.2	-16.2	-9.1
GEW-162	10/5/2016 15:53	9.2	60.6	0.3	29.9	175.8		21	13	-14.9	-15.6	-9.3
GEW-162	10/17/2016 17:11	12.8	54.8	0.5	31.9	173.1		6	40	-17.1	-17.6	-17.9
GEW-162	10/17/2016 17:11	10.2	62.4	0.5	26.9	172.2		45	57	-17.6	-17.8	-17.8
GEW-163	10/5/2016 11:57	9.5	31.4	10.5	48.6	150.2		34	25	-2.9	-2.9	-13.7
GEW-163	10/5/2016 11:59	11.6	29.5	10.4	48.5	148.6		36	18	-1.1	-1.1	-14.9
GEW-163	10/13/2016 9:27	3.9	52.1	10.6	33.4	160.8		18	22	-0.6	-0.6	-17.0
GEW-163	10/13/2016 9:27	3.1	35.3	11.8	49.8	160.7		11	13	-0.6	-0.6	-16.7
GEW-163	10/17/2016 10:58	2.3	58.9	0.0	38.8	197.4		4	14	0.3	0.3	-14.8
GEW-163	10/17/2016 11:00	0.9	65.2	0.0	33.9	197.2		26	26	0.1	-0.5	-15.2
GEW-163	10/25/2016 8:59	3.3	35.1	9.2	52.4	183.3		29	29	-0.4	-0.4	-17.8
GEW-163	10/25/2016 9:00	3.1	37.2	9.0	50.7	183.3		32	38	-0.4	-0.4	-17.9
GEW-164	10/5/2016 11:48	12.6	62.9	0.1	24.4	118.9		37	6	-14.5	-14.9	-15.2
GEW-164	10/5/2016 11:49	13.1	66.3	0.1	20.5	118.4		17	6	-14.5	-14.7	-14.4
GEW-164	10/13/2016 9:23	3.9	61.2	0.0	34.9	152.5		18	14	-16.7	-16.7	-17.1
GEW-164	10/13/2016 9:24	5.8	66.1	0.0	28.1	152.5		16	15	-16.7	-16.4	-16.7
GEW-164	10/17/2016 10:56	3.3	57.5	0.2	39.0	97.9		9	13	-15.9	-15.9	-15.8

October 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-164	10/25/2016 9:03	4.6	57.0	1.5	36.9	60.3		0	5	-17.2	-17.2	-17.2
GEW-165	10/5/2016 11:43	7.0	62.4	0.1	30.5	193.6		15	17	-13.9	-13.6	-14.5
GEW-165	10/5/2016 11:44	7.9	62.4	0.1	29.6	193.6		21	14	-13.8	-13.9	-14.2
GEW-165	10/13/2016 9:19	0.8	63.5	0.0	35.7	194.3		11	20	-16.2	-16.2	-17.0
GEW-165	10/13/2016 9:20	1.6	61.8	0.0	36.6	194.3		10	26	-15.9	-15.8	-16.5
GEW-165	10/17/2016 10:53	0.8	54.9	0.0	44.3	192.5		3	19	-15.0	-14.6	-14.7
GEW-165	10/17/2016 10:54	1.6	63.8	0.0	34.6	192.6		18	20	-15.1	-14.9	-15.1
GEW-165	10/25/2016 9:07	2.2	61.6	0.3	35.9	194.4		40	23	-16.2	-16.2	-17.3
GEW-165	10/25/2016 9:09	1.8	64.0	0.0	34.2	194.3		10	17	-16.2	-16.2	-16.9
GEW-166	10/5/2016 11:29	3.5	55.4	0.0	41.1	197.2		9	24	3.9	3.8	4.0
GEW-166	10/5/2016 11:31	4.3	57.4	0.0	38.3	197.2		48	42	3.2	3.5	3.7
GEW-166	10/13/2016 9:15	0.5	54.9	0.0	44.6	197.1		23	24	2.5	2.8	2.0
GEW-166	10/13/2016 9:16	0.3	57.8	0.0	41.9	197.2		38	21	3.2	3.4	3.2
GEW-166	10/17/2016 10:49	0.3	53.9	0.0	45.8	195.0		48	54	5.1	5.1	2.2
GEW-166	10/17/2016 10:50	0.2	58.7	0.0	41.1	195.4		40	47	5.1	5.1	1.9
GEW-166	10/25/2016 9:12	0.0	55.2	0.3	44.5	197.2		10	15	-1.1	-1.2	-5.9
GEW-166	10/25/2016 9:14	0.3	57.9	0.7	41.1	197.2		39	29	-1.6	-1.4	-5.1
GEW-167	10/5/2016 11:19	11.4	35.2	7.3	46.1	162.4		46	46	-1.2	-1.2	-16.5
GEW-167	10/5/2016 11:21	9.9	31.0	7.3	51.8	164.0		41	43	-1.0	-1.0	-16.8
GEW-167	10/13/2016 9:11	2.3	43.2	7.0	47.5	190.3		40	41	-0.5	-0.4	-18.3
GEW-167	10/13/2016 9:12	2.0	39.4	7.3	51.3	190.5		37	38	-0.4	-0.5	-17.7
GEW-167	10/17/2016 10:45	1.4	49.2	6.0	43.4	191.9		34	40	-0.3	-0.2	-15.8
GEW-167	10/17/2016 10:46	0.9	44.7	6.1	48.3	191.9		28	40	-0.4	-0.3	-15.6
GEW-167	10/25/2016 9:31	0.7	33.3	10.4	55.6	188.9		25	28	-0.4	-0.4	-16.4
GEW-167	10/25/2016 9:33	0.6	32.5	10.2	56.7	188.3		17	23	-0.4	-0.4	-16.3
GEW-168	10/5/2016 11:03	10.2	57.4	0.0	32.4	180.9		24	19	-11.5	-11.6	-12.3
GEW-168	10/5/2016 11:05	9.9	59.9	0.0	30.2	180.9		21	16	-11.5	-11.5	-12.2
GEW-168	10/13/2016 9:07	3.8	55.2	0.0	41.0	180.9		15	5	-15.2	-15.3	-15.8
GEW-168	10/13/2016 9:08	3.8	58.3	0.0	37.9	180.9		13	5	-15.2	-14.8	-15.7
GEW-168	10/17/2016 10:42	4.3	55.2	0.0	40.5	183.0		33	15	-13.9	-13.9	-14.1
GEW-168	10/17/2016 10:43	3.5	59.7	0.0	36.8	183.0		21	27	-14.3	-14.2	-14.3
GEW-168	10/25/2016 9:18	2.8	47.1	5.8	44.3	176.9		9	15	-14.2	-13.9	-15.6
GEW-168	10/25/2016 9:20	2.4	46.1	6.2	45.3	176.9		23	16	-14.2	-14.3	-15.9
GEW-169	10/5/2016 10:49	10.4	55.0	1.8	32.8	111.2		31	31	-14.2	-14.2	-15.1
GEW-169	10/5/2016 10:52	11.8	56.1	1.7	30.4	110.2		30	23	-14.3	-14.5	-15.2
GEW-169	10/13/2016 9:03	7.1	45.9	4.0	43.0	175.9		54	69	-15.7	-15.9	-16.8
GEW-169	10/13/2016 9:04	5.3	49.7	3.8	41.2	175.8		47	57	-15.7	-15.4	-16.6
GEW-169	10/17/2016 10:39	30.4	36.5	4.1	29.0	179.8		55	53	-14.6	-14.6	-15.4
GEW-169	10/17/2016 10:39	5.2	51.6	4.0	39.2	179.8		62	55	-14.8	-14.6	-15.6
GEW-169	10/25/2016 8:40	3.3	34.8	9.5	52.4	172.1		64	66	-15.7	-15.7	-17.0
GEW-169	10/25/2016 9:25	1.9	40.1	9.3	48.7	177.6		34	34	-6.1	-6.4	-17.1
GEW-170	10/5/2016 10:36	13.2	57.2	2.0	27.6	161.8		71	71	-9.5	-9.5	-16.3
GEW-170	10/5/2016 10:38	14.1	56.2	2.0	27.7	162.4		72	81	-9.1	-9.3	-15.1

October 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	10/17/2016 16:36	5.3	54.2	5.2	35.3	164.1		72	72	-9.7	-9.7	-14.9
GEW-170	10/17/2016 16:37	6.5	50.6	5.2	37.7	164.6		75	75	-9.8	-9.8	-16.7
GEW-170	10/28/2016 9:59	4.7	34.9	9.8	50.6	158.5		79	79	-10.4	-10.4	-17.3
GEW-170	10/28/2016 10:02	4.6	35.7	10.0	49.7	161.6		44	41	-3.6	-3.6	-17.6
GEW-171	10/5/2016 9:17	7.0	57.8	0.0	35.2	193.6		17	6	-12.9	-12.9	-12.9
GEW-171	10/5/2016 9:19	7.8	60.5	0.0	31.7	193.6		17	28	-12.6	-12.6	-12.7
GEW-171	10/17/2016 16:49	4.0	37.3	0.4	58.3	189.6		6	16	-11.8	-12.2	-11.6
GEW-171	10/17/2016 16:50	8.9	60.4	0.4	30.3	189.6		4	9	-11.2	-11.2	-10.9
GEW-172	10/5/2016 9:34	2.7	28.0	11.3	58.0	77.1		5	3	-7.0	-7.1	-5.5
GEW-172	10/5/2016 9:36	4.8	46.8	2.7	45.7	78.9		9	15	-7.5	-7.5	-6.0
GEW-172	10/7/2016 9:19	1.5	30.1	13.5	54.9	68.8		11	12	-6.5	-6.5	-5.0
GEW-172	10/7/2016 9:24	3.4	54.0	1.0	41.6	70.5		7	13	-6.4	-6.2	-5.0
GEW-172	10/17/2016 16:45	1.6	10.4	14.6	73.4	88.8		17	5	-6.3	-5.9	-2.3
GEW-172	10/17/2016 16:46	3.0	21.2	14.0	61.8	89.2		13	7	-6.3	-6.3	-2.3
GEW-173	10/5/2016 9:45	14.6	43.1	6.5	35.8	118.1		44	43	-1.1	-1.1	-17.7
GEW-173	10/5/2016 9:48	16.1	40.6	6.4	36.9	120.7		12	24	-0.8	-0.8	-16.0
GEW-173	10/17/2016 16:39	17.7	56.3	0.7	25.3	116.5		17	6	-1.2	-1.2	-15.5
GEW-173	10/17/2016 16:40	19.9	60.2	0.8	19.1	118.1		26	35	-1.1	-1.1	-18.7
GEW-174	10/5/2016 9:52	8.0	32.6	6.5	52.9	170.2		56	63	-1.5	-1.5	-8.5
GEW-174	10/5/2016 9:55	8.3	32.5	6.3	52.9	171.6		48	25	-1.1	-1.1	-10.1
GEW-174	10/17/2016 16:53	8.1	39.7	5.3	46.9	158.7		52	51	-1.8	-1.7	-13.6
GEW-174	10/17/2016 16:54	7.2	34.7	5.4	52.7	158.0		36	58	-1.8	-1.8	-12.9
GEW-175	10/5/2016 8:29	16.5	46.2	3.9	33.4	141.9		199	189	-10.9	-10.5	-16.3
GEW-175	10/5/2016 8:32	16.6	46.0	4.0	33.4	141.8		187	189	-9.5	-9.6	-18.1
GEW-175	10/17/2016 16:57	17.0	47.1	3.4	32.5	142.8		188	175	-9.7	-9.7	-17.6
GEW-175	10/17/2016 16:58	18.0	48.4	3.4	30.2	142.7		191	183	-9.6	-9.7	-18.2
GEW-176	10/5/2016 8:22	11.0	50.8	4.5	33.7	141.9		24	31	-1.8	-1.8	-20.3
GEW-176	10/5/2016 8:25	12.7	47.7	4.3	35.3	135.2		17	12	-0.5	-0.5	-19.8
GEW-176	10/17/2016 17:00	15.7	50.7	1.8	31.8	159.6		34	27	-0.5	-0.5	-18.6
GEW-176	10/17/2016 17:01	15.7	54.8	1.8	27.7	161.0		42	36	-0.6	-0.7	-18.7
GEW-177	10/5/2016 10:21	1.0	58.1	0.0	40.9	184.5		12	15	-1.8	-1.8	-1.6
GEW-177	10/5/2016 10:22	1.3	60.3	0.0	38.4	184.5		4	14	-1.7	-1.7	-1.5
GEW-177	10/17/2016 16:33	0.0	34.3	0.3	65.4	180.8		11	11	-0.5	-0.5	-0.3
GEW-177	10/17/2016 16:34	0.2	62.0	0.4	37.4	180.8		19	10	-0.3	-0.3	-0.2
GEW-1A	10/6/2016 15:07	1.5	2.2	19.8	76.5	88.6		2	5	-10.3	-10.8	-11.5
GEW-1A	10/6/2016 15:08	3.5	1.5	19.4	75.6	89.4		2	7	-11.8	-11.5	-11.6
GEW-1A	10/13/2016 10:15	0.6	5.1	21.3	73.0	60.5		4	5	-9.2	-9.2	-12.8
GEW-1A	10/13/2016 10:15	0.7	4.1	21.3	73.9	60.8		5	4	-10.2	-10.2	-12.8
GEW-1A	10/17/2016 13:28	1.6	6.7	19.7	72.0	92.9		3	1	-10.0	-10.0	-11.9
GEW-1A	10/17/2016 13:29	2.9	1.7	19.9	75.5	94.3		0	3	-10.6	-10.6	-11.4
GEW-1A	10/24/2016 15:24	3.1	7.7	17.8	71.4	82.4		3	3	-1.7	-1.7	-12.1
GEW-1A	10/24/2016 15:26	2.8	5.0	18.2	74.0	86.3		3	3	-2.0	-2.0	-12.1
GEW-2S	10/6/2016 15:16	58.2	39.3	0.0	2.5	89.1		4	4	-0.2	-0.1	-11.7

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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-2S	10/13/2016 10:27	57.5	40.6	0.0	1.9	69.0		7	3	-3.1	-3.2	-12.6
GEW-2S	10/17/2016 13:36	56.2	40.9	0.1	2.8	94.8		3	3	-3.8	-3.8	-11.4
GEW-2S	10/24/2016 15:33	58.0	38.4	0.0	3.6	79.2		2	1	-4.5	-4.5	-12.1
GIW-01	10/4/2016 14:14	3.4	60.9	0.1	35.6	185.7		14	17	-0.1	-0.1	-18.5
GIW-01	10/4/2016 14:23	2.4	64.5	0.1	33.0	185.7		15	16	-0.2	-0.2	-19.1
GIW-01	10/13/2016 10:05	4.4	29.9	0.7	65.0	180.9		11	14	-5.3	-5.4	-19.2
GIW-01	10/13/2016 10:07	5.5	61.9	0.0	32.6	180.9		7	11	-5.4	-1.1	-19.1
GIW-01	10/17/2016 9:33	2.2	58.9	0.0	38.9	183.7		15	6	-3.0	-2.9	-19.3
GIW-01	10/17/2016 9:33	2.6	64.3	0.0	33.1	183.6		14	12	-3.0	-2.9	-19.2
GIW-01	10/25/2016 10:53	4.8	60.7	0.0	34.5	183.9		15	15	-1.9	-1.9	-20.2
GIW-01	10/25/2016 10:55	3.5	66.6	0.0	29.9	183.6		13	14	-2.0	-1.9	-20.1
GIW-02	10/4/2016 14:28	4.6	37.1	9.7	48.6	90.6		2	2	-0.2	-0.2	-17.7
GIW-02	10/4/2016 14:35	4.9	34.3	9.9	50.9	89.6		3	2	-0.2	-0.2	-18.0
GIW-02	10/13/2016 10:09	4.2	50.9	13.2	31.7	61.3		5	5	-0.2	-0.2	-19.0
GIW-02	10/13/2016 10:10	3.0	29.4	15.6	52.0	61.8		3	4	-0.3	-0.3	-18.9
GIW-02	10/17/2016 9:35	2.8	45.4	12.2	39.6	85.9		6	7	-0.3	-0.3	-18.8
GIW-02	10/17/2016 9:36	3.7	33.4	12.8	50.1	87.0		6	8	-0.2	-0.2	-18.3
GIW-02	10/25/2016 10:59	3.0	25.9	13.9	57.2	64.9		0	0	-0.2	-0.2	-19.1
GIW-02	10/25/2016 11:01	3.0	24.9	14.0	58.1	64.8		0	1	-0.2	-0.3	-18.9
GIW-03	10/4/2016 14:40	0.9	64.3	0.1	34.7	88.9		2	2	-0.2	-0.2	-8.6
GIW-03	10/4/2016 14:49	0.7	55.4	2.2	41.7	93.3		2	2	-0.6	-0.6	-8.9
GIW-03	10/13/2016 10:13	1.2	50.3	4.9	43.6	59.7		1	2	-2.7	-2.7	-11.4
GIW-03	10/17/2016 9:38	2.2	46.3	3.8	47.7	84.0		1	5	-1.6	-1.6	-9.3
GIW-03	10/25/2016 11:04	1.0	48.6	5.3	45.1	65.5		3	4	-2.7	-2.7	-10.9
GIW-03	10/25/2016 11:06	1.1	50.0	5.2	43.7	66.3		1	3	-2.1	-2.1	-11.3
GIW-04	10/4/2016 11:39	1.5	55.1	0.2	43.2	90.5		3	3	-4.0	-4.0	-8.3
GIW-04	10/4/2016 11:50	1.5	53.8	0.2	44.5	90.3		2	3	-3.8	-3.8	-8.7
GIW-04	10/13/2016 10:15	1.7	50.2	0.1	48.0	61.4		4	4	-5.1	-5.0	-10.9
GIW-04	10/17/2016 9:40	1.0	56.0	0.1	42.9	86.1		4	5	-3.8	-3.9	-10.1
GIW-04	10/25/2016 11:10	0.7	54.1	0.3	44.9	68.4		4	2	-5.0	-5.1	-10.7
GIW-05	10/4/2016 9:55	0.1	1.4	21.0	77.5	79.6		0	0	-7.6	-7.5	-7.8
GIW-05	10/4/2016 9:57	0.1	1.0	20.8	78.1	80.5		0	0	-9.0	-9.1	-6.7
GIW-05	10/4/2016 13:21	0.0	0.0	20.8	79.2	86.8		8	9	-5.8	-5.6	-5.3
GIW-05	10/4/2016 13:29	0.0	0.0	20.8	79.2	87.7		8	10	-6.3	-6.4	-5.3
GIW-05	10/13/2016 10:19	1.3	37.1	18.1	43.5	57.8		0	0	-4.8	-4.7	-6.9
GIW-05	10/13/2016 10:21	0.0	10.2	22.3	67.5	59.0		0	0	-6.9	-6.5	-6.7
GIW-05	10/17/2016 9:43	0.2	29.1	18.1	52.6	83.8		0	0	-3.8	-3.8	-6.0
GIW-05	10/17/2016 9:44	0.0	8.4	19.6	72.0	84.7		0	3	-5.8	-5.8	-5.7
GIW-05	10/25/2016 10:19	0.3	6.8	19.9	73.0	61.8		0	0	-2.1	-2.0	-6.4
GIW-05	10/25/2016 10:21	0.1	2.2	20.9	76.8	62.3		0	3	-2.4	-2.4	-6.8
GIW-06	10/4/2016 9:39	7.9	55.5	0.3	36.3	80.3		18	12	-10.6	-10.7	-10.4
GIW-06	10/4/2016 9:49	7.9	55.7	0.3	36.1	81.0		4	4	-8.7	-8.6	-10.6
GIW-06	10/13/2016 10:23	4.5	33.2	0.9	61.4	60.8		6	4	-8.3	-8.3	-9.9

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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-06	10/17/2016 9:46	6.7	23.6	0.6	69.1	84.4		6	6	-6.4	-6.4	-8.7
GIW-06	10/25/2016 9:47	12.3	48.5	0.4	38.8	62.1		2	4	-8.3	-8.3	-10.9
GIW-07	10/4/2016 9:00	12.0	61.3	1.7	25.0	81.5		3	3	-1.4	-1.4	-11.7
GIW-07	10/4/2016 9:11	12.0	60.4	1.8	25.8	83.0		2	2	-0.7	-0.7	-11.2
GIW-07	10/13/2016 10:25	9.8	49.9	3.3	37.0	61.5		2	2	-0.5	-0.5	-11.0
GIW-07	10/17/2016 9:51	9.0	58.6	0.3	32.1	87.4		2	3	-0.2	-0.2	-8.9
GIW-07	10/25/2016 9:50	5.8	48.7	0.1	45.4	62.8		5	5	1.1	1.1	-11.9
GIW-07	10/25/2016 9:52	4.7	48.1	0.2	47.0	63.5		4	3	-0.5	-0.5	-10.5
GIW-08	10/4/2016 8:44	23.3	59.2	0.0	17.5	75.7		3	4	-5.5	-5.5	-12.0
GIW-08	10/4/2016 8:53	23.5	58.7	0.0	17.8	77.0		2	5	-5.1	-5.1	-12.1
GIW-08	10/13/2016 10:31	23.2	52.2	0.0	24.6	64.0		1	2	-4.8	-4.8	-11.3
GIW-08	10/17/2016 9:53	21.9	60.3	0.0	17.8	88.0		6	2	-4.0	-4.0	-9.2
GIW-08	10/25/2016 10:02	25.7	57.6	0.2	16.5	63.6		3	1	-4.8	-4.9	-11.5
GIW-09	10/4/2016 8:25	5.4	20.2	10.4	64.0	90.1		NFD		-2.9	-2.8	-13.4
GIW-09	10/4/2016 8:27	5.4	19.8	10.3	64.5	89.8		NFD		-2.8	-2.8	-12.7
GIW-09	10/4/2016 13:34	5.6	21.5	7.8	65.1	99.0		NFD		-2.0	-2.0	-8.5
GIW-09	10/4/2016 13:41	5.7	22.0	7.7	64.6	98.4		NFD		-2.0	-2.0	-8.9
GIW-09	10/13/2016 10:33	4.9	30.2	12.2	52.7	66.2		NFD		-2.4	-2.4	-10.6
GIW-09	10/13/2016 10:34	4.1	21.4	12.8	61.7	66.3		NFD		-2.4	-2.5	-11.8
GIW-09	10/17/2016 10:17	15.9	37.6	8.0	38.5	88.6		NFD		-2.1	-2.1	-8.7
GIW-09	10/17/2016 10:18	7.6	28.5	8.4	55.5	88.9		NFD		-2.2	-2.2	-8.9
GIW-09	10/25/2016 10:05	5.3	23.5	11.3	59.9	66.1		NFD		-2.6	-2.5	-11.1
GIW-09	10/25/2016 10:06	5.4	20.5	11.6	62.5	66.3		NFD		-2.5	-2.6	-11.6
GIW-10	10/4/2016 11:24	4.4	54.6	0.0	41.0	85.1		3	3	-1.7	-1.7	-9.7
GIW-10	10/4/2016 11:34	4.9	51.9	0.0	43.2	86.1		3	2	-1.6	-1.6	-8.6
GIW-10	10/13/2016 10:37	4.6	51.6	0.0	43.8	63.1		2	2	-2.0	-2.0	-10.6
GIW-10	10/17/2016 10:20	6.0	34.7	0.0	59.3	86.8		2	3	-1.3	-1.3	-8.7
GIW-10	10/25/2016 11:14	4.4	54.7	0.0	40.9	68.1		2	1	-2.1	-2.1	-10.8
GIW-11	10/4/2016 11:12	8.1	59.9	0.6	31.4	81.9		NFD		-1.6	-1.6	-17.6
GIW-11	10/4/2016 11:19	7.4	56.1	0.7	35.8	83.0		NFD		-1.6	-1.6	-17.1
GIW-11	10/13/2016 10:39	7.8	56.1	0.3	35.8	63.3		NFD		-1.7	-1.8	-19.2
GIW-11	10/17/2016 10:22	5.6	57.8	0.3	36.3	87.7		NFD		-1.4	-1.4	-18.0
GIW-11	10/25/2016 10:28	10.5	52.3	0.6	36.6	64.2		NFD		-1.8	-1.8	-19.5
GIW-12	10/4/2016 10:51	13.7	39.1	6.2	41.0	80.3		NFD		-0.3	-0.3	-16.8
GIW-12	10/4/2016 10:52	14.0	38.4	6.2	41.4	80.9		NFD		-0.4	-0.4	-16.2
GIW-12	10/4/2016 13:46	14.3	40.7	4.6	40.4	86.1		NFD		-0.3	-0.3	-16.4
GIW-12	10/4/2016 13:55	14.5	40.3	4.6	40.6	87.8		NFD		-0.3	-0.3	-14.2
GIW-12	10/13/2016 10:41	13.5	48.2	6.7	31.6	62.1		NFD		-0.3	-0.4	-17.9
GIW-12	10/13/2016 10:42	14.7	40.1	7.1	38.1	62.6		NFD		-0.4	-0.4	-17.1
GIW-12	10/17/2016 10:27	10.7	47.2	4.7	37.4	87.3		NFD		-0.3	-0.3	-16.9
GIW-12	10/25/2016 10:35	14.3	41.1	6.4	38.2	64.0		NFD		-0.4	-0.4	-17.7
GIW-12	10/25/2016 10:36	14.5	38.8	6.5	40.2	63.8		NFD		-0.4	-0.4	-16.1
GIW-13	10/4/2016 10:26	13.8	59.8	0.1	26.3	77.5		NFD		-2.4	-2.4	-8.3

October 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-13	10/4/2016 10:46	13.4	56.4	0.2	30.0	79.2		NFD		-0.5	-0.5	-8.3
GIW-13	10/13/2016 10:44	10.2	47.5	0.0	42.3	61.3		NFD		-0.9	-0.9	-9.4
GIW-13	10/17/2016 10:29	10.8	58.7	0.0	30.5	87.6		NFD		-0.6	-0.5	-8.8
GIW-13	10/25/2016 10:44	9.8	59.2	0.0	31.0	64.3		NFD		-0.6	-0.6	-8.5
LCS-1D	10/25/2016 10:25	56.6	40.2	0.3	2.9	87.9		4	1	-17.6	-17.6	-19.4
LCS-3D	10/19/2016 11:46	2.3	61.9	0.0	35.8	68.1		3	6	-18.4	-18.3	-18.2
LCS-5A	10/6/2016 13:06	61.6	35.4	0.1	2.9	94.9		NFD		-11.8	-11.8	-12.2
LCS-5A	10/13/2016 11:25	53.3	42.4	0.0	4.3	94.6		NFD		-12.3	-11.9	-12.5
LCS-5A	10/18/2016 8:51	56.4	38.7	0.0	4.9	93.6		NFD		-11.2	-11.4	-11.4
LCS-5A	10/24/2016 16:28	57.1	39.5	0.0	3.4	93.9		NFD		-11.8	-11.3	-11.7
LCS-6B	10/6/2016 10:30	51.8	39.6	0.3	8.3	98.9		9	7	-0.8	-0.8	-11.8
LCS-6B	10/13/2016 10:38	54.1	40.6	0.0	5.3	90.9		7	8	-0.9	-0.9	-12.6
LCS-6B	10/18/2016 8:06	52.7	40.1	0.3	6.9	85.8		8	7	-1.5	-1.5	-12.0
LCS-6B	10/24/2016 15:46	54.4	39.1	0.2	6.3	93.6		3	0	-0.7	-0.7	-12.1
PGW-60	10/6/2016 15:12	56.5	37.6	0.7	5.2	83.3		12	13	-11.8	-11.8	-11.8
PGW-60	10/13/2016 10:18	52.4	32.1	0.0	15.5	70.4		11	0	-12.9	-12.9	-12.6
PGW-60	10/17/2016 13:33	51.0	34.7	1.6	12.7	94.1		9	9	-11.6	-11.6	-11.5
PGW-60	10/24/2016 15:29	57.9	36.9	0.5	4.7	76.4		5	7	-11.8	-12.3	-12.1
SEW-002	10/21/2016 10:08	0.4	24.1	16.9	58.6	62.1		9	6	-4.0	-4.0	-4.5
SEW-002	10/21/2016 10:09	0.2	18.5	17.3	64.0	64.0		9	11	-4.4	-4.4	-5.1
T-56	10/6/2016 11:20	35.8	31.6	1.0	31.6	76.4		18	17	-0.2	-0.1	-11.1
T-56	10/18/2016 8:25	36.3	33.0	0.7	30.0	73.6		10	20	-0.1	-0.1	-12.3
T-56	10/24/2016 16:03	33.7	31.8	0.8	33.7	72.0		19	18	-0.1	-0.1	-12.2

Notes: NFD = No flow device installed
NR = Flow information was not recorded due to data collection error

Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)				Temp Trend	Comments
	July 2016	August 2016	September 2016	October 2016	><30°F	
GEW-001	--	--	--	--		
GEW-002	123.9	124.5	123.1	123.1		
GEW-003	117.9	118.9	116.7	117.9		
GEW-004	121.8	121.3	120.5	122.3		
GEW-005	96.7	97.8	96.7	96.1		
GEW-006	91.5	92.1	93.4	90.5		
GEW-007	101.5	101.4	100.6	97.9		
GEW-008	114.8	114.8	115	114.5		
GEW-009	125.9	126.7	126.4	125.5		
GEW-010	107.9	109.9	108	88.2		
GEW-011	--	--	--	--		
GEW-013A	146.6	147	172.7	180.3		
GEW-014A	--	--	--	--		
GEW-015	--	--	--	--		
GEW-016R	--	--	--	--		
GEW-018B	--	--	--	--		
GEW-018R	--	--	--	--		
GEW-019A	--	--	--	--		
GEW-020A	--	--	--	--		
GEW-021A	--	--	--	--		
GEW-022R	--	185.7	180.3	63		
GEW-023A	--	--	--	--		
GEW-024A	--	--	--	--		
GEW-025A	--	--	--	--		
GEW-026R	--	--	--	--		
GEW-027A	--	--	--	--		
GEW-028R	96.5	95.8	92.2	70.9		
GEW-029	--	--	--	--		
GEW-030R	--	--	--	--		
GEW-033R	--	--	--	--		
GEW-034	--	--	--	--		
GEW-034A	--	--	--	--		
GEW-035	--	--	--	--		
GEW-036	--	--	--	--		
GEW-037	--	--	--	--		
GEW-038	103.9	98.1	96.2	86.8		
GEW-039	133.1	134.7	126.9	124.6		
GEW-040	98.9	96.4	96.9	93.6		
GEW-041R	107.6	107	107.8	104.5		
GEW-042R	112.8	115.5	109.7	103.8		
GEW-043R	124.1	129.1	130	129.4		

Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)				Temp Trend	Comments
	July 2016	August 2016	September 2016	October 2016	><30°F	
GEW-044	96.5	93.9	93.8	92.7		
GEW-045R	102.9	100.7	100.6	89.8		
GEW-046R	101.1	101.8	101.4	101.6		
GEW-047R	115.9	115.6	116.2	113.2		
GEW-048	106.5	106.5	105.7	104.7		
GEW-049	111.7	112.5	111.6	114.3		
GEW-050	109.5	109.2	108.7	108.2		
GEW-051	128.4	128.9	128.1	126.9		
GEW-052	116.3	116	114.5	113.7		
GEW-053	142.2	142.9	143.5	142.9		
GEW-054	148.6	147.3	148.4	144.9		
GEW-055	129.1	128.9	129.4	129.4		
GEW-056R	164.6	163.6	174.2	126.6		
GEW-057B	130.3	93.9	102.1	73		
GEW-057R	125	119	127.8	119.6		
GEW-058	186.4	152.9	164.9	130.2		
GEW-058A	148.8	122.4	144	107		
GEW-059R	189.2	182.1	187.4	186.4		
GEW-061B	--	--	--	--		
GEW-064A	--	--	--	--		
GEW-065A	103.7	--	--	--		
GEW-066	--	--	--	--		
GEW-067A	157	136.6	146.3	161.6		
GEW-068A	--	--	--	--		
GEW-069R	--	--	--	--		
GEW-070R	--	--	--	--		
GEW-071	--	--	--	--		
GEW-071B	--	--	--	--		
GEW-072RR	--	--	--	--		
GEW-073R	--	--	--	--		
GEW-075	--	--	--	--		
GEW-076R	--	--	--	--		
GEW-077	198.9	192.9	187	176.4		
GEW-078R	188.5	180.9	186.4	185.1		
GEW-080	98.5	96.2	80.8	67		
GEW-081	--	--	--	67.1		
GEW-082R	192.3	184.5	188.6	96.7		
GEW-083	--	--	--	--		
GEW-084	--	--	--	--		
GEW-085	--	--	--	--		
GEW-086	102.5	82.5	105.8	90.1		

Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)				Temp Trend	Comments
	July 2016	August 2016	September 2016	October 2016	><30°F	
GEW-087	--	--	--	--		
GEW-088	--	--	--	194.6		
GEW-089	109.5	85.3	93.4	59.4		
GEW-090	183.3	175.8	183	181.5		
GEW-091	--	195	197.2	--		
GEW-100	--	--	--	--		
GEW-101	--	--	--	93.9		
GEW-102	125.4	97.7	188.3	194.3		
GEW-103	--	--	--	--		
GEW-104	112.5	95.6	91.3	72.1		
GEW-105	--	--	--	180.4		
GEW-106	--	--	--	--		
GEW-107	--	--	--	--		
GEW-108	110.4	81.5	89.1	130.6		
GEW-109	110.9	137.3	134	123.7		
GEW-110	113.7	113	118.4	115.8		
GEW-112	110.4	91.5	--	--		
GEW-113	173.6	172.6	173.7	173.6		
GEW-116	--	--	--	--		
GEW-117	119.7	98.7	150.9	73.6		
GEW-118	195	188.3	193.1	195		
GEW-120	152.1	152.5	153.3	149.7		
GEW-121	180.8	175.7	178.6	180.4		
GEW-122	188.8	192.5	188.5	188.3		
GEW-123	185.2	186.3	102.1	150.9		
GEW-124	92.4	107.4	97.7	95		
GEW-125	191.3	192.6	193.6	190.8		
GEW-126	154.5	184.7	180.9	178.2		
GEW-127	187.9	188.5	189.6	188.9		
GEW-128	172.2	167.1	176.7	176.6		
GEW-129	147.4	178	180.9	180.1		
GEW-130	176.2	170.8	171.7	177.4		
GEW-131	110.2	111.6	107.6	98.5		
GEW-132	166.1	167.3	165.1	166.4		
GEW-133	96.9	99.4	103.8	93.2		
GEW-134	150.5	147.8	150.1	135.6		
GEW-135	175.7	99	191.5	173.3		
GEW-136	121.3	124.2	126.1	127.6		
GEW-137	87	94	86	96.6		
GEW-138	153.8	154.9	164.7	164.1		
GEW-139	179.3	178.3	176.2	177.5		

Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)				Temp Trend	Comments
	July 2016	August 2016	September 2016	October 2016	><30°F	
GEW-140	167.6	147	140	88.8		
GEW-141	119.7	185.7	187.9	189.6		
GEW-142	95.3	175.2	150.9	153.3		
GEW-143	92.7	103.2	101.5	80.3		
GEW-144	91.7	99.2	106.6	91.5		
GEW-145	97.7	136.8	175.7	82.8		
GEW-146	100.4	106.7	104.8	100.6		
GEW-147	187.4	186.8	186.4	185.3		
GEW-148	79.5	100.2	159.8	97.8		
GEW-149	141.8	144.7	163.4	170		
GEW-150	156.9	166.9	181.4	184.7		
GEW-151	147	150.6	141.5	141.2		
GEW-152	183.9	180.8	175.2	179.2		
GEW-153	143.6	147.7	144.9	142.2		
GEW-154	79.1	126	123.2	120.2		
GEW-155	124.9	130.5	139.6	140.9		
GEW-156	115	124.5	114.7	127.5		
GEW-157	178.6	182.4	183.4	120.7		
GEW-158	96.2	97.3	156.9	199.3		
GEW-159	150.4	159	131.9	81.9		
GEW-160	139	187.9	187.6	185.7		
GEW-161	155.4	192.1	105.2	110.4		
GEW-162	79.5	175.7	180.1	175.8		
GEW-163	173.4	174.6	156	197.4		
GEW-164	100	115.7	114.5	152.5		
GEW-165	192.6	192.5	193.7	194.4		
GEW-166	175.2	188.5	197.9	197.2		
GEW-167	178.2	178.2	168.5	191.9		
GEW-168	184.1	186.8	184.5	183		
GEW-169	183.5	185.7	184.5	179.8		
GEW-170	172.1	160.1	160.7	164.6		
GEW-171	176.7	189.6	192.2	193.6		
GEW-172	185.1	188.3	191.6	89.2		
GEW-173	120.2	108.6	115.5	120.7		
GEW-174	156.9	170.2	171.2	171.6		
GEW-175	139.6	150.1	145.9	142.8		
GEW-176	169.5	161.1	144	161		
GEW-177	193.7	191.9	190.9	184.5		
GEW-1A	109.5	106.3	112	94.3		
GEW-2S	115.8	109.6	99.9	94.8		
GIW-01	168.8	158.8	185.7	185.7		

Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)				Temp Trend	Comments
	July 2016	August 2016	September 2016	October 2016	><30°F	
GIW-02	100.2	100.6	107.2	90.6		
GIW-03	96.9	97.9	110.2	93.3		
GIW-04	96.6	101.9	107.5	90.5		
GIW-05	95.8	97.3	102.5	87.7		
GIW-06	91.5	100.7	93.2	84.4		
GIW-07	98.6	100.4	101.1	87.4		
GIW-08	92.9	99.4	99.2	88		
GIW-09	91.7	96.4	96.2	99		
GIW-10	100.8	102.8	99.4	86.8		
GIW-11	98.9	101	105.5	87.7		
GIW-12	98.1	98	98.3	87.8		
GIW-13	98.1	99.6	99.5	87.6		
LCS-1D	--	--	--	87.9		
LCS-2D	--	--	--	--		
LCS-3C	--	--	--	68.1		
LCS-4B	--	--	--	--		
LCS-5A	95.5	96.2	96.2	94.9		
LCS-6B	106.7	114.5	110	98.9		
PGW-60	86.7	96	91.9	94.1		
SEW-002	97.1	100	96.5	64		
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	81.7	84.9	83.8	76.4		

-- = 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-01A	9/12/2016	2.9	2.3	21	74	ND	43	See Note 4
GEW-002	6/8/2016	54	42	ND	ND	ND	ND	
GEW-002	9/7/2016	55	40	ND	4.1	ND	ND	
GEW-002	10/6/2016	54	41	ND	3.9	ND	ND	
GEW-02S	7/11/2016	62	35	ND	ND	ND	ND	
GEW-02S	9/12/2016	49	33	4	14	ND	ND	See Note 3
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-003	9/7/2016	53	40	ND	5.8	0.1	ND	
GEW-003	10/6/2016	54	40	ND	4.4	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-004	9/7/2016	54	41	ND	4.3	0.1	ND	
GEW-004	10/6/2016	55	41	ND	ND	0.1	ND	
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-005	9/8/2016	51	36	ND	12	ND	ND	
GEW-005	10/6/2016	51	37	ND	11	ND	ND	
GEW-006	7/12/2016	55	38	ND	6.4	ND	ND	
GEW-006	9/8/2016	56	39	ND	4.5	ND	ND	
GEW-007	7/12/2016	57	40	ND	ND	ND	ND	
GEW-007	9/12/2016	54	38	1.8	6.2	ND	ND	See Note 3
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-008	9/12/2016	49	42	1.8	6.1	1.1	ND	See Note 3
GEW-008	10/6/2016	53	44	ND	ND	0.9	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-009	9/12/2016	51	41	ND	6.4	0.5	ND	
GEW-009	10/6/2016	50	42	ND	7.1	0.5	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-040	9/7/2016	57	40	ND	ND	ND	ND	
GEW-040	10/6/2016	57	40	ND	ND	ND	ND	
GEW-041R	7/11/2016	52	36	2.3	9.5	ND	ND	See Note 3
GEW-041R	9/7/2016	53	37	2.1	8.1	ND	ND	See Note 3
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-042R	9/7/2016	55	42	ND	ND	ND	ND	
GEW-042R	10/6/2016	54	42	ND	3.3	ND	ND	
GEW-043R	7/11/2016	55	42	ND	ND	0.3	ND	
GEW-043R	9/7/2016	54	42	ND	3.5	0.2	ND	
GEW-044	7/11/2016	57	40	ND	ND	ND	ND	
GEW-044	9/7/2016	57	40	ND	ND	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	
GEW-045R	9/7/2016	55	43	ND	ND	ND	ND	
GEW-045R	10/6/2016	56	37	ND	5.1	ND	ND	

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO_2	O_2/Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)					(ppm)	
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-046R	9/7/2016	55	41	ND	3.1	0.1	ND	
GEW-046R	10/6/2016	53	39	ND	6.2	0.1	ND	
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-047R	9/8/2016	50	39	ND	10	0.1	ND	
GEW-047R	10/6/2016	46	38	ND	15	ND	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-048	9/8/2016	12	8.1	18	63	ND	ND	See Note 1 and 3
GEW-048	10/6/2016	53	38	ND	7.7	ND	ND	
GEW-049	6/8/2016	51	37	ND	11	0.1	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-049	9/8/2016	52	38	ND	9.1	ND	ND	
GEW-049	10/6/2016	36	32	2.2	29	ND	ND	See Note 3
GEW-050	7/12/2016	57	39	ND	3.5	0.1	ND	
GEW-050	9/12/2016	56	39	ND	3.4	0.1	ND	
GEW-051	7/12/2016	56	42	ND	ND	0.9	ND	
GEW-051	9/8/2016	54	41	ND	ND	1	ND	
GEW-052	7/12/2016	54	40	ND	6	ND	ND	
GEW-052	9/12/2016	54	40	ND	4.5	0.03	ND	
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-053	9/8/2016	49	43	ND	ND	4.6	61	
GEW-053	10/6/2016	50	42	ND	3.9	3	49	
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-054	9/12/2016	50	40	ND	5.6	2.2	ND	
GEW-054	10/6/2016	51	41	ND	5.2	2.2	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	
GEW-055	9/12/2016	53	42	ND	ND	1.6	ND	
GEW-055	10/6/2016	52	41	ND	4.1	1.6	ND	
Flare Station²	6/7/2016	41.0	33.1	3.5	21.5	ND	ND	See Note 5
Flare Station²	7/5/2016	47.3	36.2	2.8	13.3	ND	ND	See Note 5
Flare Station²	8/9/2016	51.3	38.5	1	7.8	ND	ND	See Note 5
Flare Station²	9/7/2016	49.2	37.6	2	10.3	ND	ND	See Note 5
Flare Station	10/4/2016	46.1	35.8	2.3	14.9	ND	ND	See Note 5
Flare Station²	11/1/2016	40.4	31.3	5	22.6	ND	ND	See Note 5

Notes: (1) Based on the comparison of field to laboratory readings, oxygen to balance gas ratios, and historical concentrations, the sample was determined to be suspect due to oxygen introduction which likely occurred during sample collection or laboratory analytical methods. (2) MDNR also collected duplicate LFG samples at these locations during this sampling period. (3) Based on the oxygen verification readings taken with an Envision meter, it was determined there is a sample train leak. (4) Based on the oxygen verification readings taken with an Envision meter, it was determined that the readings are accurate. (5) Flare station gas concentration data is an average of NQ EP14 A (or 1) and NQ EP14 B (or 2), located in the North Quarry.

ND = Analyte not detected in sample.

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

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO_2	O_2/Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)					(ppm)	
South Quarry								
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-010	9/6/2016	56	41	ND	ND	0.2	ND	
GEW-010	10/4/2016	14	10	17	60	ND	ND	See Note 3
GEW-022R	9/14/2016	0.02	0.1	22	78	ND	ND	See Note 3
GEW-028R	7/14/2016	0.2	50	2.5	9.2	33	3,800	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-038	9/6/2016	0.8	58	2.1	7.4	30	2,800	See Note 4
GEW-038	10/4/2016	8.9	58	ND	5.3	25	2,100	
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-039	9/6/2016	43	55	ND	ND	0.2	ND	
GEW-039	10/4/2016	44	54	ND	ND	0.2	ND	
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-056R	9/6/2016	20	47	ND	22	10	430	
GEW-056R	10/4/2016	13	54	ND	ND	30	1,200	
GEW-057R	7/14/2016	14	34	3.8	44	4.3	320	See Note 4
GEW-058	7/17/2016	1.7	48	2.5	12	33	1,800	See Note 4
GEW-058A	7/14/2016	15	42	3.2	14	24	1,400	See Note 4
GEW-058A	9/14/2016	22	45	1.9	6.7	23	1,400	See Note 3
GEW-059R	7/14/2016	3.8	50	ND	ND	41	1,600	
GEW-059R	9/14/2016	4.2	45	3.1	11	36	1,400	See Note 4
GEW-082R	7/14/2016	2.3	48	1.8	6.4	40	1,800	See Note 3
GEW-082R	9/14/2016	4.7	50	ND	5.6	37	1,700	
GEW-086	7/14/2016	8.2	49	ND	ND	38	1,300	
GEW-090	7/14/2016	15	46	ND	ND	35	1,600	
GEW-090	9/14/2016	14	46	ND	5.6	31	1,500	
GEW-102	9/13/2016	5	59	ND	ND	30	980	
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-109	9/6/2016	20	52	ND	9.7	16	610	
GEW-109	10/4/2016	21	52	ND	9.7	16	640	
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-110	9/6/2016	1.1	4.9	20	73	1.5	120	See Note 4
GEW-110	10/4/2016	6	28	9	46	11	600	See Note 4
GEW-117	7/14/2016	5.6	66	ND	ND	23	2,100	
GEW-117	9/14/2016	16	55	1.9	20	5.9	290	See Note 3
GEW-118	7/14/2016	1.7	52	2.2	9.6	32	1,500	See Note 4
GEW-118	9/14/2016	1.8	51	3	13	30	1,400	See Note 4
GEW-120	7/12/2016	15	57	ND	21	6.2	300	
GEW-120	9/13/2016	15	52	3	24	5.6	280	See Note 3
GEW-121	7/12/2016	6.9	57	ND	4.8	29	1,800	
GEW-121	9/13/2016	8.2	52	2.4	11	25	1,600	See Note 3
GEW-122	7/12/2016	11	53	ND	3.2	30	2,200	
GEW-122	9/13/2016	16	53	ND	ND	27	2,000	
GEW-123	7/12/2016	5	60	ND	ND	30	2,700	
GEW-123	9/13/2016	21	58	2.7	9.8	7.5	770	See Note 3

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Well Name	Date Sampled	Methane	CO_2	O_2/Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)					(ppm)	
GEW-124	7/12/2016	10	61	ND	ND	23	1,900	
GEW-124	9/13/2016	9	60	ND	5.4	22	2,100	
GEW-125	7/13/2016	0.6	58	ND	ND	37	2,800	
GEW-125	9/13/2016	0.9	59	ND	ND	35	2,700	
GEW-126	7/13/2016	15	51	ND	3.8	27	2,600	
GEW-126	9/13/2016	12	48	2.7	11	24	2,500	See Note 3
GEW-127	7/13/2016	1.9	65	ND	ND	28	3,900	
GEW-127	9/13/2016	3.9	67	ND	ND	24	3,400	
GEW-128	7/13/2016	8.2	63	ND	ND	25	2,600	
GEW-128	9/12/2016	5	47	7	25	16	1,800	See Note 4
GEW-129	7/13/2016	2	57	2.5	8.8	29	2,800	See Note 3
GEW-129	9/12/2016	1.6	63	ND	ND	30	3,000	
GEW-130	7/13/2016	3.6	53	3.6	13	25	3,000	See Note 4
GEW-130	9/13/2016	6.3	52	4.4	17	18	2,400	See Note 4
GEW-131	7/13/2016	0.3	54	ND	ND	42	3,400	
GEW-131	9/14/2016	0.3	52	ND	ND	43	3,200	
GEW-132	7/12/2016	10	46	3.3	24	15	890	See Note 4
GEW-133	9/13/2016	3	57	2.7	9.5	27	2,000	See Note 3
GEW-134	7/7/2016	7	30	8.4	49	5.1	330	See Note 4
GEW-134	9/13/2016	7.4	38	4.9	47	2.2	340	See Note 3
GEW-135	7/7/2016	5.2	46	4.2	17	26	1,200	See Note 4
GEW-135	9/13/2016	3.4	48	3.2	11	33	1,700	See Note 3
GEW-137	7/7/2016	16	35	1.7	47	0.1	ND	See Note 3
GEW-137	9/13/2016	38	41	ND	19	0.1	ND	
GEW-138	7/12/2016	3.1	26	5.9	57	6.9	520	See Note 4
GEW-139	7/13/2016	2.7	52	2.3	9.2	32	3,000	See Note 4
GEW-139	9/13/2016	5.5	56	1.9	8.5	26	2,600	See Note 4
GEW-140	9/13/2016	0.3	56	ND	3.9	36	3,200	
GEW-141	7/14/2016	0.2	54	2.5	8.7	33	3,400	See Note 3
GEW-141	9/13/2016	0.2	60	ND	ND	35	4,100	
GEW-142	9/13/2016	0.03	2	21	76	0.5	98	See Note 3
GEW-143	9/14/2016	0.01	1	22	77	0.4	65	See Note 3
GEW-144	9/14/2016	ND	0.04	22	78	ND	ND	See Note 3
GEW-145	9/13/2016	1.6	53	2.1	7.4	33	2,100	See Note 4
GEW-146	9/12/2016	6.4	27	6.1	58	2	120	See Note 4
GEW-147	7/7/2016	9.9	48	2.6	9.5	29	1,400	See Note 4
GEW-147	9/13/2016	11	48	2.9	10	27	1,400	See Note 3
GEW-150	7/12/2016	12	46	5.4	23	12	920	See Note 4
GEW-151	7/6/2016	11	36	5.5	39	8.5	550	See Note 4
GEW-152	7/12/2016	11	51	ND	ND	33	2,200	
GEW-152	9/14/2016	0.1	0.4	22	78	0.1	ND	See Note 3
GEW-153	7/12/2016	29	43	ND	12	13	430	
GEW-153	9/14/2016	20	30	6.5	34	8.5	280	See Note 3
GEW-157	7/12/2016	0.7	56	ND	ND	39	3,100	
GEW-157	9/14/2016	9.8	52	2.3	8.3	27	1,900	See Note 3
GEW-158	7/12/2016	21	56	ND	ND	19	1,100	
GEW-159	7/14/2016	19	55	ND	16	8.1	500	
GEW-159	9/14/2016	22	50	ND	25	2	91	
GEW-160	7/6/2016	4.1	57	ND	3.4	33	2,400	
GEW-160	9/12/2016	4.1	56	ND	5.8	31	2,100	
GEW-161	7/6/2016	0.5	54	ND	3.5	39	2,700	
GEW-161	9/12/2016	0.5	51	2.1	7.4	37	2,500	See Note 4
GEW-162	7/6/2016	22	65	2.2	8.3	1.5	140	See Note 4
GEW-162	9/12/2016	7.1	61	1.9	6.9	22	1,600	See Note 3
GEW-163	7/12/2016	7.7	48	5.7	26	12	1,000	See Note 4
GEW-164	7/12/2016	3.7	72	ND	3.5	19	2,200	
GEW-164	9/13/2016	3.8	70	ND	5.3	18	2,400	

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Well Name	Date Sampled	Methane	CO_2	O_2/Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)					(ppm)	
GEW-165	7/12/2016	1.1	67	ND	ND	27	3,300	
GEW-165	9/13/2016	1.3	66	ND	3.4	26	3,200	
GEW-166	7/12/2016	7.5	48	3.1	17	23	2,200	See Note 4
GEW-166	9/13/2016	0.3	60	ND	ND	35	3,500	
GEW-167	7/13/2016	5.3	38	5.4	34	17	1,300	See Note 4
GEW-167	9/14/2016	5	36	6.2	35	17	1,300	See Note 4
GEW-168	7/13/2016	0.4	59	ND	ND	35	3,600	
GEW-168	9/13/2016	3.1	61	ND	3.8	29	2,900	
GEW-169	7/13/2016	6	61	1.6	6.1	24	3,100	See Note 4
GEW-169	9/13/2016	5.5	61	2.1	7.7	22	2,900	See Note 4
GEW-170	7/13/2016	6.9	59	2.3	8.8	22	2,900	See Note 4
GEW-170	9/13/2016	7.5	59	2.6	11	18	2,600	See Note 4
GEW-171	7/14/2016	5.5	60	ND	ND	30	2,700	
GEW-171	9/13/2016	4.1	42	7.5	27	18	1,700	See Note 3
GEW-172	7/14/2016	0.2	53	ND	ND	41	3,500	
GEW-172	9/13/2016	5.3	55	ND	3.2	34	2,600	
GEW-173	7/13/2016	9.6	34	6.2	42	7.4	780	See Note 4
GEW-174	7/12/2016	9.2	38	5.2	32	15	1,100	See Note 4
GEW-174	9/13/2016	5.5	34	5.5	42	12	910	See Note 4
GEW-175	7/12/2016	20	56	1.8	9.5	11	770	See Note 4
GEW-175	9/14/2016	ND	0.1	22	78	ND	ND	See Note 3
GEW-176	7/12/2016	12	63	ND	ND	21	1,400	
GEW-176	9/14/2016	0.9	3.3	21	74	0.5	64	See Note 3
GEW-177	9/13/2016	1.2	63	ND	ND	31	3,900	
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-01	9/6/2016	3.2	63	1.9	10	20	2,100	See Note 4
GIW-01	10/4/2016	2.4	70	ND	ND	24	2,300	
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-02	9/6/2016	3.9	29	12	50	4.4	280	See Note 4
GIW-02	10/4/2016	4.2	34	11	41	9.4	550	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-03	9/6/2016	1	49	6.2	22	21	1,900	See Note 4
GIW-03	10/4/2016	0.7	62	2	7	26	2,200	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-04	9/6/2016	0.7	56	2	6.9	34	2,400	See Note 4
GIW-04	10/4/2016	0.9	43	5.8	21	28	1,900	See Note 3
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-05	9/12/2016	1.9	60	ND	ND	34	1,400	
GIW-05	10/4/2016	ND	0.1	22	78	ND	ND	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-06	9/6/2016	4.1	52	ND	19	23	740	
GIW-06	10/4/2016	0.1	0.9	22	77	0.3	ND	See Note 1 and 3
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

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO_2	O_2/Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)					(ppm)	
GIW-07	9/6/2016	1.4	15	18	64	2.4	190	See Note 4
GIW-07	10/4/2016	11	65	2.8	10	10	640	See Note 4
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-08	9/6/2016	16	63	ND	18	1.8	220	
GIW-08	10/4/2016	22	64	ND	11	1.2	160	
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-09	9/6/2016	2.2	16	12	67	2.3	150	See Note 4
GIW-09	10/4/2016	5.3	22	9	61	2.5	140	See Note 4
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-10	9/6/2016	0.6	50	2.6	10	36	2,000	See Note 3
GIW-10	10/4/2016	3.7	52	ND	9.6	33	1,600	
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-11	9/6/2016	6.9	61	1.9	11	18	1,900	See Note 4
GIW-11	10/4/2016	6.2	62	1.6	9.9	20	1,900	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-12	9/6/2016	6.2	32	9.6	45	7	470	See Note 4
GIW-12	10/4/2016	13	41	5.3	29	10	610	See Note 4
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	
GIW-13	9/6/2016	12	63	ND	5.9	17	1,000	
GIW-13	10/4/2016	12	59	2.7	9.8	16	970	See Note 3
Flare Station²	6/7/2016	8.8	40.3	6.9	30.5	12.1	1,200	See Note 6
Flare Station²	7/5/2016	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
Flare Station²	10/4/2016	9.6	41.6	6.0	28.8	12.4	1,000	See Note 6
Flare Station²	11/1/2016	10.4	42.4	5.7	27.2	12.5	900	See Note 6

Notes: (1) Based on the comparison of field to laboratory readings, oxygen to balance gas ratios, and historical concentrations, the sample was determined to be suspect due to oxygen introduction which likely occurred during sample collection or laboratory analytical methods. (2) MDNR also collected duplicate LFG samples at these locations during this sampling period. (3) Based on the oxygen verification readings taken with an Envision meter, it was determined there is a sample train leak. (4) Based on the oxygen verification readings taken with an Envision meter, it was determined that the readings are accurate. (5) Flare station gas concentration data is an average of NQ EP14 A (or 1) and NQ EP14 B (or 2), located in the North Quarry. (6) Flare station gas concentration data is an average of Outlets 1 and 2 (A & B) or SQ OU 1 and OU 2, located in the South Quarry. (7) Flare station gas concentration based on data from Outlet B in the South Quarry.

ND = Analyte not detected in sample.

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