

November 2015 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H ₂ O		
GEW-002	11/4/2015 14:36	56.1	39.9	0.0	4.0	116.5		36	40	-0.4	-0.4	-8.6
GEW-002	11/4/2015 14:38	56.1	40.0	0.0	3.9	116.3		29	30	-0.2	-0.2	-8.5
GEW-002	11/10/2015 11:36	55.3	42.5	0.0	2.2	114.2		43	43	-0.7	-0.7	-7.8
GEW-002	11/10/2015 11:41	55.5	41.4	0.0	3.1	114.5		49	44	-0.7	-0.5	-7.9
GEW-002	11/17/2015 11:08	51.9	39.1	0.4	8.6	111.6		46	45	-0.1	-0.1	-6.7
GEW-002	11/23/2015 10:27	52.2	40.9	0.0	6.9	110.0	110.0	3	10	-1.3	-1.3	-13.6
GEW-002	11/30/2015 11:11	56.1	43.3	0.0	0.6	110.0	110.0	29	33	-1.0	-1.1	-14.3
GEW-003	11/4/2015 14:44	48.3	37.9	0.0	13.8	116.3		19	16	-0.7	-0.7	-7.9
GEW-003	11/4/2015 14:46	48.1	38.0	0.0	13.9	115.1		10	10	-0.5	-0.5	-8.5
GEW-003	11/10/2015 11:57	51.0	40.1	0.0	8.9	115.4		8	12	0.0	0.0	-7.6
GEW-003	11/10/2015 12:02	50.8	39.3	0.0	9.9	117.3		0	0	-0.1	-0.1	-7.5
GEW-003	11/17/2015 11:13	53.4	36.6	0.0	10.0	108.3		0	0	0.3	0.3	-6.2
GEW-003	11/17/2015 11:14	52.2	39.2	0.0	8.6	111.1		22	26	-0.1	-0.1	-5.8
GEW-003	11/23/2015 10:30	45.1	40.1	0.0	14.8	100.0	100.0	29	29	-3.4	-3.4	-13.0
GEW-003	11/23/2015 10:31	46.2	39.9	0.0	13.9	100.0	100.0	10	8	-2.9	-2.9	-13.3
GEW-003	11/30/2015 11:14	45.3	40.1	0.0	14.6	100.0	100.0		11	-0.7	-0.7	-13.7
GEW-003	11/30/2015 11:16	45.8	39.6	0.0	14.6	100.0	100.0			-0.5	-0.5	-14.2
GEW-004	11/4/2015 14:59	45.1	37.6	0.0	17.3	120.4		19	18	-0.7	-0.7	-8.3
GEW-004	11/4/2015 15:02	45.5	36.7	0.0	17.8	119.1		13	13	-0.5	-0.5	-9.1
GEW-004	11/10/2015 12:05	49.2	39.4	0.0	11.4	118.0		22	18	-0.1	-0.1	-7.5
GEW-004	11/10/2015 12:10	50.1	38.8	0.0	11.1	118.0		28	28	-0.1	-0.1	-7.0
GEW-004	11/17/2015 11:18	53.1	38.8	0.0	8.1	116.0		12	12	0.2	0.2	-5.9
GEW-004	11/17/2015 11:20	52.2	39.9	0.0	7.9	121.0		12	22	-0.1	-0.1	-5.6
GEW-004	11/23/2015 10:34	42.8	38.8	0.0	18.4	110.0	110.0	28	24	-3.0	-3.0	-13.7
GEW-004	11/23/2015 10:35	43.0	38.4	0.0	18.6	110.0	110.0			-2.4	-2.4	-13.9
GEW-004	11/30/2015 11:18	49.7	40.7	0.0	9.6	105.0	105.0	8	24	-0.4	-0.4	-14.2
GEW-005	11/4/2015 15:17	38.1	33.7	0.0	28.2	95.1		24	21	-0.4	-0.4	-8.7
GEW-005	11/4/2015 15:18					95.0		16	17	-0.4	-0.4	-9.0
GEW-005	11/10/2015 14:20	48.2	33.5	0.0	18.3	97.9		23	25	0.0	0.0	-7.2
GEW-005	11/10/2015 14:25	46.6	34.9	0.0	18.5	97.9		23	25	-0.1	-0.1	-7.0
GEW-005	11/17/2015 11:49	46.6	34.6	0.0	18.8	96.4		20	13	0.0	-0.1	-5.8
GEW-005	11/23/2015 10:46	30.8	33.9	0.0	35.3	80.0	80.0	27	21	-1.8	-1.7	-13.8
GEW-005	11/23/2015 10:47	31.0	33.5	0.0	35.5	80.0	80.0			-1.5	-1.5	-14.4
GEW-005	11/30/2015 13:35	37.3	35.4	0.0	27.3	80.0	80.0	25	30	-0.1	-0.1	-13.2
GEW-006	11/4/2015 10:46	42.6	35.2	0.0	22.2	91.1		22	24	-0.7	-0.7	-7.8
GEW-006	11/4/2015 10:49	43.1	34.9	0.0	22.0	90.5		6	12	-0.4	-0.4	-8.1
GEW-006	11/10/2015 14:38	53.0	39.0	0.0	8.0	94.8		16	16	-0.1	-0.1	-6.4
GEW-006	11/10/2015 14:43	53.3	37.5	0.0	9.2	95.0		20	26	-0.1	-0.2	-6.9
GEW-006	11/17/2015 11:57	50.9	38.6	0.0	10.5	92.7		23	7	0.0	0.0	-5.5
GEW-006	11/23/2015 10:54	33.9	35.0	0.0	31.1	70.0	7.0	28	22	-1.8	-1.8	-13.4
GEW-006	11/23/2015 10:55	34.1	35.2	0.0	30.7	70.0	70.0	11	16	-1.5	-1.5	-14.6
GEW-007	11/4/2015 11:08	57.8	40.1	0.0	2.1	89.5		0	0	0.8	0.8	-4.5

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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 ₂ O		
GEW-007	11/4/2015 11:11	58.3	40.1	0.0	1.6	91.8		11	12	-0.1	-0.1	-5.6
GEW-007	11/11/2015 9:45	57.5	40.6	0.0	1.9	96.5		10	6	-1.0	-1.0	-11.0
GEW-007	11/11/2015 9:50	58.0	40.1	0.0	1.9	96.9		38	38	-1.0	-1.0	-10.9
GEW-007	11/17/2015 12:14	57.9	39.4	0.0	2.7	91.9		0	0	0.5	0.5	-6.3
GEW-007	11/17/2015 12:16	57.7	40.7	0.0	1.6	93.6		40	40	-0.2	-0.2	-5.4
GEW-007	11/23/2015 11:08	56.9	43.0	0.0	0.1	80.0	80.0			-5.0	-5.0	-15.1
GEW-007	11/30/2015 14:06	57.2	42.7	0.0	0.1	85.0	85.0	33	34	-3.1	-3.2	-14.3
GEW-008	11/4/2015 11:16	51.0	44.1	0.0	4.9	112.3		11	11	0.4	0.4	-3.6
GEW-008	11/4/2015 11:19	51.0	45.0	0.0	4.0	113.0		19	15	-0.1	-0.1	-6.5
GEW-008	11/11/2015 9:55	49.9	45.0	0.0	5.1	114.3		22	25	-1.1	-1.1	-10.5
GEW-008	11/11/2015 10:00	50.6	44.4	0.0	5.0	114.2		21	23	-1.1	-1.1	-10.6
GEW-008	11/17/2015 12:20	52.0	42.5	0.0	5.5	112.5		21	16	0.0	0.0	-5.7
GEW-008	11/23/2015 11:11	50.7	45.9	0.0	3.4	100.0	100.0	14	15	-2.3	-2.3	-14.9
GEW-008	11/30/2015 14:11	50.5	47.5	0.0	2.0	100.0	100.0	36	35	-1.3	-1.3	-14.0
GEW-009	11/4/2015 11:25	52.6	43.7	0.0	3.7	123.4		0	0	0.1	0.1	-12.3
GEW-009	11/4/2015 11:27	53.5	42.5	0.0	4.0	125.4		18	17	-0.1	-0.1	-13.1
GEW-009	11/11/2015 10:05	49.6	42.0	0.0	8.4	122.6		41	41	-0.5	-0.5	-20.6
GEW-009	11/11/2015 10:10	50.6	40.8	0.0	8.6	122.7		36	36	-0.5	-0.5	-20.0
GEW-009	11/17/2015 12:24	50.0	42.5	0.0	7.5	123.5		20	22	-0.1	-0.1	-11.3
GEW-009	11/23/2015 14:56	41.7	39.6	0.0	18.7	100.0	100.0	22	26	-0.6	-0.6	-15.9
GEW-009	11/23/2015 14:58	42.0	39.5	0.0	18.5	100.0	100.0	17	17	-0.4	-0.4	-16.1
GEW-009	11/30/2015 14:57	53.0	45.0	0.0	2.0	100.0	100.0	35	35	-0.1	-0.1	-9.1
GEW-010	11/4/2015 9:51	45.1	44.8	1.7	8.4	75.1				-2.1	-2.1	-10.3
GEW-010	11/11/2015 11:06	55.1	41.9	0.0	3.0	72.8				-2.9	-2.9	-5.7
GEW-010	11/11/2015 11:11	54.7	40.6	0.2	4.5	74.5				-4.3	-3.2	-6.1
GEW-010	11/19/2015 15:31	46.2	49.5	0.8	3.5	77.3				-10.7	-10.7	-14.2
GEW-010	11/23/2015 15:04	47.0	48.3	0.8	3.9	70.0	70.0	18	17	-10.5	-10.1	-15.8
GEW-010	11/30/2015 15:01	55.8	44.1	0.0	0.1	45.0	45.0		28	-0.7	-0.5	-12.7
GEW-011	11/12/2015 8:10	0.4	10.5	19.3	69.8	51.5				-18.7	-18.4	-18.7
GEW-018R	11/9/2015 9:06	0.5	61.9	0.6	37.0	150.1				-13.2	-13.2	-12.7
GEW-018R	11/16/2015 9:48	0.5	61.2	0.8	37.5	125.7				-13.1	-12.7	-13.0
GEW-020A	11/9/2015 9:43	0.9	56.0	1.9	41.2	145.1				-12.7	-13.2	-12.8
GEW-020A	11/9/2015 9:45	0.9	61.2	1.1	36.8	146.2				-13.2	-12.8	-13.1
GEW-020A	11/16/2015 10:16	1.0	59.3	1.6	38.1	114.0				-13.5	-13.6	-13.9
GEW-021A	11/9/2015 9:30	0.7	61.7	0.0	37.6	155.9				-13.3	-13.0	-12.7
GEW-021A	11/9/2015 9:31	0.5	60.1	0.0	39.4	156.2				-13.2	-13.2	-13.3
GEW-021A	11/16/2015 10:07	0.7	55.4	0.8	43.1	108.3				-14.1	-13.2	-13.9
GEW-022R	11/12/2015 14:47	0.7	62.9	0.0	36.4	192.5				-13.5	-15.5	-15.5
GEW-022R	11/12/2015 14:52	0.9	64.0	0.0	35.1	192.5				-15.9	-16.4	-16.6
GEW-028R	11/13/2015 9:11	0.1	62.9	0.1	36.9	195.1				-16.7	-16.7	-16.5
GEW-028R	11/13/2015 9:17	0.1	61.0	0.2	38.7	194.8				-16.7	-16.7	-17.0
GEW-038	11/4/2015 10:00	1.3	60.7	0.0	38.0	102.6				-12.8	-12.8	-12.8

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		(% vol)				°F		scfm		H ₂ O		
GEW-038	11/4/2015 10:00	0.6	62.8	0.1	36.5	108.6				-12.8	-13.2	-13.2
GEW-038	11/11/2015 13:21	0.3	54.8	3.8	41.1	72.3				-15.5	-15.1	-15.5
GEW-038	11/11/2015 13:27	0.3	40.0	8.0	51.7	71.7				-14.7	-14.5	-14.6
GEW-038	11/19/2015 14:50	0.7	39.2	7.6	52.5	69.0				-16.9	-16.5	-17.6
GEW-038	11/19/2015 14:53	0.2	43.2	7.0	49.6	69.0		6	3	-13.6	-13.6	-15.5
GEW-038	11/23/2015 15:34	0.2	42.1	8.3	49.4	50.0	50.0	14		-9.6	-9.5	-16.2
GEW-038	11/23/2015 15:37	0.2	39.4	9.0	51.4	50.0	50.0	12	17	-9.2	-9.2	-16.3
GEW-038	11/30/2015 15:10	0.4	45.5	6.1	48.0	30.0	30.0	30	24	-15.8	-16.1	-16.2
GEW-038	11/30/2015 15:11	0.5	49.5	5.5	44.5	30.0	30.0	28	27	-16.5	-16.5	-16.6
GEW-039	11/4/2015 15:26	36.1	52.6	0.0	11.3	134.3				0.1	0.1	-13.3
GEW-039	11/4/2015 15:30	36.5	53.0	0.0	10.5	136.6				-0.3	-0.3	-13.3
GEW-039	11/11/2015 11:28	38.5	54.8	0.0	6.7	132.7				-0.5	-0.5	-8.0
GEW-039	11/11/2015 11:33	40.9	51.3	0.0	7.8	133.4				-0.6	-0.6	-7.9
GEW-039	11/19/2015 15:00	31.9	46.8	0.6	20.7	134.6				-2.0	-1.9	-20.2
GEW-039	11/19/2015 15:01	32.1	45.6	0.5	21.8	134.6				-2.0	-2.1	-19.6
GEW-039	11/23/2015 15:41	29.8	47.1	1.0	22.1	120.0	120.0	82	82	-1.8	-1.8	-16.2
GEW-040	11/4/2015 13:50	58.1	38.7	0.0	3.2	93.4		25	27	-0.1	-0.1	-8.4
GEW-040	11/10/2015 9:42	58.6	40.0	0.0	1.4	92.0		31	31	-0.2	-0.2	-8.4
GEW-040	11/10/2015 9:49	58.0	39.8	0.0	2.2	92.5		5	7	-0.3	-0.3	-8.6
GEW-040	11/17/2015 9:51	55.9	40.4	0.0	3.7	89.0		6	6	-0.1	-0.1	-6.3
GEW-040	11/23/2015 9:42	56.6	43.3	0.0	0.1	70.0	70.0	29	28	-0.9	-0.9	-13.2
GEW-040	11/30/2015 9:34	56.7	43.2	0.0	0.1	70.0	70.0			-0.8	-0.8	-13.6
GEW-041R	11/4/2015 15:40	42.8	49.4	0.1	7.7	78.4		0	0	0.7	0.7	0.9
GEW-041R	11/4/2015 15:42	51.0	44.3	0.0	4.7	78.4		0	0	0.7	0.7	0.9
GEW-041R	11/10/2015 9:56	50.2	37.6	0.0	12.2	108.7		54	50	-2.8	-2.7	-6.4
GEW-041R	11/10/2015 10:02	50.0	37.8	0.0	12.2	108.7		48	47	-2.7	-2.7	-6.3
GEW-041R	11/17/2015 9:55	48.7	37.4	0.0	13.9	106.8		27	55	-2.2	-2.2	-4.5
GEW-041R	11/17/2015 9:57	49.0	37.7	0.0	13.3	103.4		10	10	-0.7	-0.7	-6.1
GEW-041R	11/23/2015 9:45	43.2	37.8	0.0	19.0	85.0	85.0		4	-1.6	-1.5	-12.9
GEW-041R	11/23/2015 9:47	44.1	37.8	0.0	18.1	85.0	85.0			-1.4	-1.4	-13.0
GEW-041R	11/30/2015 9:39	52.4	39.4	0.0	8.2	80.0	80.0			-0.6	-0.6	-13.4
GEW-041R	11/30/2015 9:42	53.3	39.9	0.0	6.8	80.0	80.0			-0.5	-0.5	-13.5
GEW-042R	11/4/2015 13:55	54.0	42.5	0.0	3.5	110.4		21	21	0.1	0.2	-2.1
GEW-042R	11/4/2015 14:00	53.7	42.7	0.0	3.6	108.6		67	67	-0.1	-0.1	-2.1
GEW-042R	11/10/2015 10:08	55.1	42.7	0.0	2.2	94.0		5	4	-0.4	-0.4	-1.4
GEW-042R	11/10/2015 10:43	54.8	42.9	0.0	2.3	99.3		32	33	-0.6	-0.7	-1.0
GEW-042R	11/17/2015 10:01	56.8	39.7	0.0	3.5	66.2		6	0	0.4	0.2	0.4
GEW-042R	11/18/2015 14:10	57.4	40.1	0.0	2.5	66.8		16	16	0.6	0.7	0.5
GEW-042R	11/23/2015 9:50	42.6	38.9	0.0	18.5	100.0	100.0	25	12	-8.3	-7.6	-7.8
GEW-042R	11/23/2015 9:52	41.4	38.4	0.0	20.2	100.0	100.0	4	2	-5.0	-5.0	-8.2
GEW-042R	11/30/2015 9:47	49.3	39.5	0.0	11.2	90.0	90.0	13	8	-3.7	-3.8	-7.5
GEW-042R	11/30/2015 9:51	48.7	39.3	0.0	12.0	90.0	90.0			-2.1	-2.2	-7.6

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		(% vol)				°F		scfm		H ₂ O		
GEW-043R	11/4/2015 14:11	55.8	40.3	0.0	3.9	129.3		44	44	-0.8	-0.8	-5.6
GEW-043R	11/10/2015 10:48	54.6	42.7	0.0	2.7	104.3		8	40	1.2	-0.3	-9.4
GEW-043R	11/11/2015 8:35	55.5	41.8	0.0	2.7	103.2		90	88	-1.3	-1.3	-8.0
GEW-043R	11/11/2015 8:42	55.7	41.5	0.0	2.8	101.9		15	16	-0.1	-0.1	-7.6
GEW-043R	11/17/2015 10:44	55.9	41.3	0.0	2.8	131.4		22	20	0.6	0.6	-6.7
GEW-043R	11/17/2015 10:46	55.3	42.1	0.0	2.6	138.3		25	26	-0.2	-0.2	-6.7
GEW-043R	11/23/2015 9:56	53.0	43.7	0.0	3.3	122.0	122.0	36	38	-4.0	-4.1	-12.8
GEW-043R	11/30/2015 9:56	53.5	43.5	0.0	3.0	125.0	125.0	53	61	-3.3	-3.4	-13.4
GEW-043R	11/30/2015 9:57	54.0	43.2	0.0	2.8	125.0	125.0	25	22	-2.2	-2.2	-13.4
GEW-044	11/4/2015 14:19	46.0	35.9	0.0	18.1	95.6		11	9	-0.3	-0.2	-5.1
GEW-044	11/4/2015 14:22	45.6	36.1	0.0	18.3	94.8		9	8	-0.1	-0.1	-4.6
GEW-044	11/10/2015 10:56	47.6	38.0	0.0	14.4	84.9		8	10	-0.1	0.0	-2.5
GEW-044	11/10/2015 11:01	48.2	36.6	0.0	15.2	83.6		6	8	0.0	0.0	-1.5
GEW-044	11/17/2015 10:50	54.8	41.5	0.0	3.7	65.8		5	6	0.4	0.4	0.0
GEW-044	11/18/2015 14:05	57.6	38.3	0.0	4.1	69.5		11	11	-0.1	-0.1	-0.4
GEW-044	11/23/2015 10:01	36.0	35.7	0.0	28.3	90.0	90.0	22		-6.6	-7.4	-7.2
GEW-044	11/23/2015 10:04	36.4	35.6	0.0	28.0	90.0	90.0	7		-4.7	-5.0	-10.4
GEW-044	11/30/2015 10:57	42.2	35.6	0.0	22.2	85.0	85.0	18	7	-3.5	-3.5	-7.6
GEW-044	11/30/2015 10:58	42.5	34.6	0.0	22.9	85.0	85.0			-2.7	-2.7	-8.9
GEW-045R	11/4/2015 14:26	58.9	38.4	0.0	2.7	92.0		11	9	-0.9	-0.9	-8.7
GEW-045R	11/4/2015 14:29	58.9	38.7	0.0	2.4	92.1		7	7	-0.5	-0.5	-8.5
GEW-045R	11/10/2015 11:13	59.2	39.0	0.0	1.8	87.2		6	10	-0.3	-0.3	-7.9
GEW-045R	11/10/2015 11:17	58.9	38.8	0.0	2.3	88.0		8	11	-0.3	-0.3	-7.9
GEW-045R	11/17/2015 10:54	58.7	40.2	0.0	1.1	77.3		0	0	0.5	0.5	-6.4
GEW-045R	11/17/2015 10:55	59.0	39.4	0.0	1.6	81.7		12	10	-0.5	-0.5	-6.4
GEW-045R	11/23/2015 10:08	58.1	41.8	0.0	0.1	70.0	70.0			-3.0	-3.1	-13.3
GEW-045R	11/30/2015 11:01	58.9	41.0	0.0	0.1	60.0	60.0			-2.3	-2.1	-13.8
GEW-046R	11/4/2015 14:32	55.1	38.6	0.0	6.3	99.4		11	13	-0.4	-0.4	-8.8
GEW-046R	11/10/2015 11:22	53.9	40.8	0.0	5.3	100.0		14	14	-0.3	-0.3	-8.1
GEW-046R	11/10/2015 11:32	53.9	40.9	0.0	5.2	100.1		0	0	-0.3	-0.3	-7.0
GEW-046R	11/17/2015 11:04	57.1	37.1	0.0	5.8	98.3		15	15	-0.1	-0.1	-6.4
GEW-046R	11/23/2015 10:12	52.4	42.2	0.0	5.4	80.0	80.0		7	-1.8	-1.8	-13.7
GEW-046R	11/30/2015 11:04	44.8	40.5	0.0	14.7	80.0	80.0	8	10	-0.9	-0.9	-13.9
GEW-046R	11/30/2015 11:06	45.0	40.6	0.0	14.4	80.0	80.0			-0.6	-0.6	-14.2
GEW-047R	11/4/2015 15:14	34.1	33.5	0.2	32.2	113.8		14	17	-0.4	-0.4	-8.9
GEW-047R	11/10/2015 12:13	41.4	36.4	0.0	22.2	114.0		18	14	-0.1	-0.1	-7.5
GEW-047R	11/10/2015 12:18	42.2	35.7	0.0	22.1	113.9		21	20	-0.1	-0.1	-6.6
GEW-047R	11/17/2015 11:29	48.6	39.2	0.0	12.2	112.5		10	6	0.2	0.2	-5.7
GEW-047R	11/17/2015 11:30	47.9	39.0	0.0	13.1	115.0		22	21	-0.1	0.0	-6.0
GEW-047R	11/23/2015 10:42	28.3	33.1	0.0	38.6	90.0	90.0	23	23	-2.3	-2.3	-14.1
GEW-047R	11/23/2015 10:43	28.4	33.0	0.0	38.6	90.0	90.0			-1.8	-1.8	-14.1
GEW-047R	11/30/2015 11:25	34.7	36.1	0.0	29.2	100.0	100.0	33	31	-0.4	-0.4	-14.0

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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 ₂ O		
GEW-048	11/4/2015 15:47	50.8	39.2	0.0	10.0	104.5		20	25	-0.7	-0.7	-8.4
GEW-048	11/4/2015 15:50	50.5	38.5	0.0	11.0	104.3		18	14	-0.4	-0.4	-9.0
GEW-048	11/10/2015 14:29	55.0	40.0	0.0	5.0	105.6		0	0	0.0	0.0	-7.0
GEW-048	11/10/2015 14:34	55.0	39.2	0.0	5.8	105.8		0	0	-0.1	-0.1	-6.9
GEW-048	11/17/2015 11:52	56.4	38.2	0.0	5.4	104.3		0	0	0.1	0.1	-4.0
GEW-048	11/17/2015 11:53	56.0	40.0	0.0	4.0	104.2		8	0	0.0	0.0	-3.9
GEW-048	11/23/2015 10:50	46.3	39.2	0.0	14.5	90.0	90.0			-2.0	-2.0	-14.0
GEW-048	11/23/2015 10:51	46.6	38.8	0.0	14.6	90.0	90.0			-1.7	-1.7	-14.1
GEW-048	11/30/2015 13:37	49.1	39.4	0.0	11.5	90.0	90.0	19	19	-0.1	-0.1	-13.3
GEW-049	11/4/2015 13:33	48.4	31.1	0.2	20.3	109.9		37	37	-0.3	-0.3	-2.6
GEW-049	11/10/2015 15:03	48.8	36.5	0.0	14.7	112.5		34	35	-0.2	-0.2	-2.5
GEW-049	11/10/2015 15:08	48.2	37.3	0.0	14.5	112.5		0	0	-0.2	-0.2	-3.3
GEW-049	11/23/2015 11:16	31.1	32.2	1.3	35.4	90.0	90.0	22	9	-1.8	-1.9	-9.7
GEW-049	11/23/2015 11:17	30.9	31.8	1.5	35.8	90.0	90.0	17	18	-1.6	-1.6	-14.3
GEW-049	11/24/2015 17:35	30.1	30.3	0.7	38.9	108.3		11	15	-0.9	-0.9	-11.4
GEW-049	11/24/2015 17:36	30.9	30.3	0.5	38.3	104.7		0	0	-0.7	-0.7	-9.0
GEW-049	11/30/2015 14:21	44.8	38.8	0.0	16.4	90.0	90.0	29	31	-0.2	-0.1	-9.2
GEW-050	11/4/2015 10:56	50.1	34.8	0.0	15.1	107.8		20	23	-0.7	-0.8	-4.0
GEW-050	11/4/2015 10:57	50.3	37.0	0.0	12.7	105.8		9	9	-0.3	-0.3	-6.7
GEW-050	11/10/2015 14:49	54.6	40.1	0.0	5.3	109.2		15	15	-0.5	-0.5	-3.2
GEW-050	11/10/2015 14:54	55.2	38.9	0.0	5.9	109.7		8	4	-0.5	-0.3	-2.6
GEW-050	11/17/2015 12:04	56.5	36.4	0.0	7.1	108.1		15	22	-0.2	-0.3	-0.6
GEW-050	11/23/2015 10:59	43.9	38.5	0.0	17.6	90.0	90.0	50	51	-3.9	-3.9	-14.0
GEW-050	11/23/2015 11:00	44.7	38.5	0.0	16.8	90.0	90.0	43	48	-3.5	-3.5	-9.5
GEW-050	11/30/2015 13:51	42.7	37.7	0.0	19.6	90.0	90.0	49	55	-1.9	-2.0	-12.0
GEW-050	11/30/2015 13:52	42.8	37.8	0.0	19.4	90.0	90.0	43	43	-1.2	-1.2	-13.1
GEW-051	11/4/2015 13:36	56.0	37.5	0.0	6.5	124.6		12	15	-0.2	-0.2	-5.9
GEW-051	11/10/2015 15:12	54.9	41.1	0.0	4.0	125.7		24	27	-1.1	-1.1	-15.4
GEW-051	11/10/2015 15:17	55.1	40.8	0.0	4.1	125.8		18	27	-1.1	-1.1	-14.8
GEW-051	11/23/2015 11:20	56.4	43.5	0.0	0.1	110.0	110.0	15	22	-2.8	-2.8	-16.1
GEW-051	11/30/2015 14:41	54.9	42.9	0.0	2.2	110.0	110.0	33	35	-1.1	-1.1	-13.9
GEW-051	11/30/2015 14:43	54.8	43.2	0.0	2.0	110.0	110.0	30	28	-0.5	-0.5	-14.4
GEW-052	11/4/2015 11:03	44.3	37.6	0.0	18.1	111.3		38	38	-0.3	-0.3	-5.6
GEW-052	11/4/2015 11:04	44.8	37.6	0.0	17.6	111.1		15	11	-0.3	-0.3	-6.1
GEW-052	11/11/2015 9:33	46.6	37.6	0.0	15.8	113.1		18	20	-0.3	-0.3	-10.6
GEW-052	11/11/2015 9:38	47.0	37.3	0.0	15.7	113.0		23	16	-0.3	-0.3	-11.1
GEW-052	11/17/2015 12:07	50.5	38.6	0.0	10.9	113.3		0	0	0.0	0.0	-5.6
GEW-052	11/17/2015 12:09	50.1	39.0	0.0	10.9	114.7		0	0	0.0	0.0	-5.9
GEW-052	11/23/2015 11:03	38.0	36.2	0.0	25.8	90.0	90.0	22	16	-1.3	-1.3	-11.0
GEW-052	11/23/2015 11:04	37.8	36.5	0.0	25.7	90.0	90.0	20	14	-1.2	-1.2	-11.1
GEW-052	11/30/2015 14:00	35.4	36.4	0.0	28.2	95.0	95.0	27	25	-0.2	-0.2	-14.3
GEW-053	11/4/2015 13:40	51.7	39.8	0.0	8.5	139.3		15	15	-0.2	-0.2	-5.9

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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 ₂ O		
GEW-053	11/4/2015 13:42	50.6	41.2	0.0	8.2	138.7		9	13	-0.2	-0.2	-6.1
GEW-053	11/11/2015 8:47	50.7	41.6	0.0	7.7	137.9		16	17	-0.8	-0.9	-7.9
GEW-053	11/11/2015 8:52	51.0	40.9	0.0	8.1	138.0		18	15	-0.8	-0.8	-7.7
GEW-053	11/17/2015 9:42	54.2	36.4	0.1	9.3	137.5		15	16	-0.2	-0.2	-5.7
GEW-053	11/17/2015 9:43	51.5	41.0	0.0	7.5	137.6		14	0	-0.2	-0.2	-5.8
GEW-053	11/23/2015 14:45	50.6	43.4	0.0	6.0	133.0	133.0	25	26	-2.0	-2.0	-14.7
GEW-053	11/23/2015 14:46	50.7	42.9	0.0	6.4	133.0	133.0	19	20	-1.8	-1.7	-15.0
GEW-053	11/30/2015 14:46	49.3	44.1	0.0	6.6	128.0	128.0	31	29	-0.3	-0.3	-14.8
GEW-054	11/4/2015 11:41	53.8	40.9	0.0	5.3	134.6		0	0	1.5	1.5	1.5
GEW-054	11/4/2015 11:42	53.3	41.9	0.0	4.8	136.0		0	0	1.5	1.5	1.5
GEW-054	11/11/2015 8:56	51.7	42.6	0.0	5.7	143.7		48	45	-4.1	-4.1	-4.6
GEW-054	11/11/2015 9:02	52.3	41.8	0.0	5.9	144.0		47	46	-4.1	-4.1	-4.6
GEW-054	11/17/2015 10:38	56.6	37.3	0.2	5.9	141.1		49	50	-4.4	-4.3	-5.4
GEW-054	11/17/2015 10:40	53.5	41.1	0.0	5.4	138.3		16	19	-1.3	-1.3	-6.6
GEW-054	11/23/2015 14:49	54.4	43.2	0.0	2.4	135.0	135.0	31	26	-2.9	-2.9	-14.7
GEW-054	11/23/2015 14:50	53.8	43.9	0.0	2.3	135.0	135.0	28	30	-2.3	-2.3	-15.0
GEW-054	11/30/2015 14:51	54.1	44.0	0.0	1.9	127.0	127.0	33	35	-1.0	-1.0	-14.8
GEW-055	11/4/2015 11:35	53.6	42.1	0.0	4.3	124.6		15	15	-0.4	-0.4	-8.2
GEW-055	11/11/2015 9:06	52.5	42.4	0.0	5.1	125.1		8	12	-0.9	-0.9	-7.0
GEW-055	11/11/2015 9:11	52.9	41.7	0.0	5.4	124.9		32	31	-0.9	-0.9	-6.8
GEW-055	11/17/2015 9:47	53.0	40.3	0.0	6.7	123.7		34	35	-0.5	-0.5	-6.2
GEW-055	11/23/2015 14:52	53.4	43.8	0.0	2.8	110.0	110.0	23	26	-1.5	-1.5	-15.4
GEW-055	11/23/2015 14:54	53.2	43.7	0.0	3.1	110.0	110.0	26	21	-1.2	-1.2	-15.4
GEW-055	11/30/2015 14:54	54.4	44.6	0.0	1.0	100.0	100.0	30	39	-0.1	-0.1	-14.9
GEW-056R	11/4/2015 9:48	12.6	39.4	0.4	47.6	167.3				-1.6	-1.6	-4.5
GEW-056R	11/4/2015 9:49	12.3	45.1	0.2	42.4	167.3				-1.5	-1.5	-6.9
GEW-056R	11/11/2015 10:41	16.1	43.5	0.0	40.4	168.3				-2.6	-2.7	-12.2
GEW-056R	11/11/2015 10:46	15.6	42.9	0.0	41.5	168.8				-2.6	-2.6	-11.7
GEW-056R	11/19/2015 15:25	10.0	40.1	0.2	49.7	166.2				-2.8	-2.8	-11.0
GEW-056R	11/19/2015 15:26	9.9	40.9	0.1	49.1	166.9				-2.8	-2.8	-10.0
GEW-056R	11/23/2015 15:22	7.5	41.6	0.2	50.7	150.0	150.0	99	101	-2.9	-3.0	-11.1
GEW-056R	11/23/2015 15:23	7.5	41.0	0.2	51.3	150.0	150.0	102	102	-3.1	-3.2	-11.7
GEW-056R	11/30/2015 15:06	8.7	43.1	0.3	47.9	150.0	150.0	98	98	-2.8	-2.8	-7.8
GEW-056R	11/30/2015 15:07	8.6	42.7	0.2	48.5	150.0	150.0	98	98	-2.8	-2.8	-9.5
GEW-057B	11/25/2015 10:20	0.5	49.8	3.9	45.8	80.0	80.0	211	193	-17.4	-11.4	-12.6
GEW-057R	11/11/2015 14:08	1.1	55.7	0.7	42.5	176.7				-17.6	-18.1	-17.6
GEW-057R	11/11/2015 14:13	0.8	56.6	0.5	42.1	176.2				-17.8	-17.8	-17.9
GEW-058	11/11/2015 13:58	6.3	58.3	0.0	35.4	185.7				-19.8	-19.2	-19.5
GEW-058	11/11/2015 14:03	6.6	57.8	0.0	35.6	185.7				-20.2	-20.0	-19.7
GEW-058A	11/11/2015 13:50	0.5	60.1	2.6	36.8	164.0				-14.7	-14.7	-18.7
GEW-058A	11/11/2015 13:55	0.8	58.7	3.0	37.5	163.6				-13.7	-13.5	-19.1
GEW-059R	11/11/2015 13:33	1.0	54.6	0.8	43.6	186.3				-11.2	-11.2	-21.4

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		(% vol)				°F		scfm		H ₂ O		
GEW-059R	11/11/2015 13:39	2.5	54.6	0.4	42.5	186.8				-11.2	-11.2	-20.4
GEW-061B	11/12/2015 8:45	0.1	13.1	21.3	65.5	55.3				-19.8	-19.4	-19.2
GEW-064A	11/27/2015 14:00											
GEW-065A	11/12/2015 8:52	0.6	62.3	0.1	37.0	191.3				-15.9	-17.8	-18.8
GEW-065A	11/12/2015 8:57	0.3	55.5	0.0	44.2	191.3				-17.4	-15.4	-18.7
GEW-067A	11/25/2015 9:40	0.9	37.4	9.6	52.1	160.0	160.0	126	111	-5.2	-3.9	-6.3
GEW-067A	11/25/2015 9:40	0.9	37.9	9.5	51.7	160.0	160.0	106	127	-3.9	-5.0	-4.1
GEW-077	11/25/2015 10:35	0.5	68.2	0.5	30.8	90.0	90.0	205	203	-13.4	-13.1	-13.4
GEW-080	11/25/2015 10:38	0.5	31.8	9.5	58.2	40.0	40.0	237	237	-14.0	-13.9	-14.0
GEW-080	11/25/2015 10:38	0.9	29.2	10.3	59.6	40.0	40.0	237	236	-13.9	-13.9	-14.1
GEW-082R	11/12/2015 11:18	1.1	55.4	0.0	43.5	194.9				-15.0	-15.0	-15.7
GEW-082R	11/12/2015 11:23	1.0	59.5	0.0	39.5	194.8				-15.0	-15.0	-15.9
GEW-086	11/12/2015 9:20	11.4	35.3	8.4	44.9	96.9				-6.2	-5.6	-19.8
GEW-086	11/12/2015 9:25	11.5	34.8	8.5	45.2	97.1				-6.2	-5.2	-21.5
GEW-089	11/25/2015 9:51	5.0	23.2	13.8	58.0	80.0	80.0	61	67	-2.1	-1.4	-18.4
GEW-089	11/25/2015 9:52	5.0	23.2	14.0	57.8	80.0	80.0	66	64	-1.8	-1.8	-20.3
GEW-090	11/12/2015 7:58	6.6	53.2	0.0	40.2	187.4				-17.8	-17.3	-18.2
GEW-090	11/12/2015 8:05	6.1	50.8	0.0	43.1	187.4				-17.8	-17.7	-18.2
GEW-102	11/13/2015 9:54	2.9	62.5	0.0	34.6	146.2				-17.7	-17.7	-17.5
GEW-102	11/13/2015 9:59	2.5	59.3	0.0	38.2	148.8				-19.6	-19.7	-19.3
GEW-104	11/13/2015 10:57	0.5	43.2	7.2	49.1	80.6				-18.7	-18.7	-18.7
GEW-104	11/13/2015 11:02	0.3	37.2	9.3	53.2	81.5				-19.2	-19.2	-18.9
GEW-105	11/25/2015 10:23	3.3	75.7	0.0	21.0	75.0	75.0	254	255	-20.5	-20.5	-20.7
GEW-107	11/25/2015 10:31	4.4	47.0	4.6	44.0	40.0	40.0	282	290	-20.4	-21.5	-21.4
GEW-109	11/4/2015 15:34	2.1	53.8	0.0	44.1	80.7				-7.6	-7.7	-12.9
GEW-109	11/4/2015 15:35	2.2	55.2	0.0	42.6	79.8				-5.8	-5.8	-12.9
GEW-109	11/11/2015 11:40	4.0	60.5	0.0	35.5	77.8				-2.0	-2.0	-7.8
GEW-109	11/11/2015 11:44	6.6	59.0	0.0	34.4	81.9				-8.5	-8.6	-14.4
GEW-109	11/19/2015 15:05	6.1	51.4	0.0	42.5	76.8				-12.9	-12.9	-13.8
GEW-109	11/19/2015 15:07	6.1	52.1	0.0	41.8	77.2		3	2	-13.1	-13.1	-16.4
GEW-109	11/23/2015 15:38	4.8	46.7	2.7	45.8	70.0	70.0		4	-10.7	-10.8	-16.0
GEW-110	11/4/2015 9:43	2.6	42.4	10.9	44.1	126.6				-0.1	-0.1	-9.7
GEW-110	11/4/2015 9:44	3.2	26.2	12.8	57.8	126.6				0.0	-0.1	-10.4
GEW-110	11/11/2015 11:18	10.4	50.1	2.0	37.5	128.0				-2.0	-1.4	-6.5
GEW-110	11/11/2015 11:23	8.3	42.5	4.4	44.8	133.0				-1.4	-1.3	-6.3
GEW-110	11/19/2015 15:39	1.2	14.6	16.2	68.0	107.4		23	23	-0.7	-0.6	-15.0
GEW-110	11/19/2015 15:40	1.1	13.6	16.4	68.9	107.0		22	22	-0.6	-0.6	-13.3
GEW-110	11/23/2015 15:07	0.2	5.8	19.0	75.0	70.0	70.0			-0.6	-0.6	-15.1
GEW-110	11/23/2015 15:08	0.3	5.9	19.0	74.8	70.0	70.0			-0.6	-0.6	-15.7
GEW-110	11/30/2015 15:03	2.8	15.6	15.0	66.6	80.0	80.0			-0.7	-0.7	-13.8
GEW-110	11/30/2015 15:04	3.1	15.3	15.6	66.0	80.0	80.0			-0.7	-0.7	-13.5
GEW-116	11/9/2015 8:59	4.6	67.2	0.0	28.2	81.3		1	2	1.0	1.0	-13.4

November 2015 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H ₂ O		
GEW-116	11/9/2015 9:01	4.4	66.9	0.0	28.7	82.5		4	3	-10.4	-10.3	-13.1
GEW-116	11/12/2015 11:42	3.6	50.9	6.3	39.2	76.1		9	8	-13.0	-13.0	-17.7
GEW-116	11/12/2015 11:46	3.5	45.0	6.8	44.7	77.1		11	11	-12.5	-12.5	-17.9
GEW-116	11/16/2015 14:39	3.3	55.9	3.5	37.3	51.9		5	5	-9.8	-9.8	-13.4
GEW-117	11/9/2015 10:07	5.0	61.8	0.3	32.9	115.5				-12.7	-12.7	-12.8
GEW-117	11/12/2015 13:34	4.5	67.8	0.4	27.3	101.9				-17.6	-17.7	-17.9
GEW-117	11/12/2015 13:39	4.2	66.5	0.5	28.8	101.7				-17.8	-17.8	-18.4
GEW-117	11/16/2015 9:42	4.5	64.0	0.3	31.2	86.4				-13.1	-12.7	-13.3
GEW-120	11/5/2015 8:35	9.4	68.2	0.0	22.4	180.4				-0.7	-0.7	-0.4
GEW-120	11/5/2015 8:37	8.7	64.8	0.0	26.5	180.7				-0.8	-0.8	-0.6
GEW-120	11/9/2015 9:52	3.7	60.8	0.1	35.4	186.7				0.5	0.4	0.8
GEW-120	11/9/2015 9:53	4.0	62.7	0.1	33.2	186.8				0.0	-0.1	1.0
GEW-120	11/12/2015 13:44	8.1	68.0	0.0	23.9	184.1				-1.9	-1.9	-2.0
GEW-120	11/12/2015 13:49	8.5	65.0	0.0	26.5	184.2				-2.0	-1.9	-2.0
GEW-120	11/16/2015 10:20	6.0	61.9	0.2	31.9	185.7				-0.6	-0.6	-0.6
GEW-120	11/16/2015 10:21	6.1	63.8	0.0	30.1	185.7				-0.7	-0.7	-0.7
GEW-121	11/5/2015 8:40	3.2	64.2	0.0	32.6	189.1				-8.8	-8.8	-8.8
GEW-121	11/5/2015 8:48	2.3	53.8	0.1	43.8	189.1				-8.9	-7.9	-8.8
GEW-121	11/9/2015 9:37	4.0	58.5	0.0	37.5	187.4				-10.2	-11.2	-11.1
GEW-121	11/9/2015 9:39	3.5	56.5	0.0	40.0	187.4				-11.2	-11.3	-11.7
GEW-121	11/12/2015 14:25	3.3	62.3	0.0	34.4	187.9				-14.0	-14.0	-14.4
GEW-121	11/12/2015 14:30	2.7	60.5	0.0	36.8	187.9				-14.5	-14.5	-14.8
GEW-121	11/16/2015 10:10	3.9	57.2	0.2	38.7	187.4				-10.8	-10.8	-11.6
GEW-121	11/16/2015 10:12	4.0	57.4	0.1	38.5	187.4				-11.2	-11.2	-11.5
GEW-122	11/5/2015 9:48	9.5	58.9	0.1	31.5	177.4				-9.3	-9.3	-9.4
GEW-122	11/5/2015 9:49	9.2	59.5	0.0	31.3	177.2				-8.9	-8.9	-8.9
GEW-122	11/12/2015 14:14	6.5	60.3	0.0	33.2	184.6				-17.4	-17.4	-17.6
GEW-122	11/12/2015 14:19	5.6	57.7	0.0	36.7	184.6				-16.9	-17.0	-17.1
GEW-123	11/5/2015 8:51	20.7	44.3	4.4	30.6	81.1				-10.9	-11.8	-11.3
GEW-123	11/5/2015 8:52	23.2	51.1	2.6	23.1	81.5				-10.8	-10.4	-10.8
GEW-123	11/12/2015 14:36	2.5	69.2	0.0	28.3	193.7				-12.6	-12.6	-16.5
GEW-123	11/12/2015 14:42	2.3	58.3	0.1	39.3	193.7				-13.1	-13.0	-15.6
GEW-124	11/5/2015 8:55	9.3	64.8	0.1	25.8	162.7				-5.9	-6.9	-5.9
GEW-124	11/5/2015 8:56	9.5	65.7	0.0	24.8	163.2				-7.8	-6.4	-7.4
GEW-124	11/13/2015 14:40	9.5	62.6	0.0	27.9	151.6				-14.6	-14.7	-14.7
GEW-124	11/13/2015 14:45	9.1	60.2	0.0	30.7	152.1				-14.2	-14.2	-14.0
GEW-125	11/5/2015 9:03	0.5	60.7	0.3	38.5	150.9				-10.4	-10.4	-10.8
GEW-125	11/5/2015 9:07	0.5	62.8	0.3	36.4	151.3				-10.0	-10.0	-10.3
GEW-125	11/12/2015 15:10	0.5	62.5	0.0	37.0	191.9				-11.5	-11.6	-16.3
GEW-125	11/12/2015 15:15	0.4	62.3	0.0	37.3	191.9				-12.1	-12.0	-16.3
GEW-126	11/5/2015 9:14	9.8	53.0	0.1	37.1	188.7				-10.9	-10.9	-10.8
GEW-126	11/5/2015 9:18	10.5	57.0	0.0	32.5	188.6				-10.4	-9.4	-10.0

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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 ₂ O		
GEW-126	11/12/2015 15:20	9.8	57.8	0.0	32.4	191.3				-15.9	-15.5	-16.2
GEW-126	11/12/2015 15:25	10.6	51.7	0.0	37.7	191.3				-15.5	-15.5	-15.6
GEW-127	11/5/2015 9:21	0.7	66.0	0.0	33.3	187.4				8.2	8.2	-9.1
GEW-127	11/5/2015 9:23	0.8	65.0	0.1	34.1	188.0				-8.4	-8.4	-9.2
GEW-127	11/13/2015 13:39	0.7	64.2	0.0	35.1	186.3				-14.5	-14.0	-13.9
GEW-127	11/13/2015 13:44	0.6	60.5	0.0	38.9	186.3				-14.2	-14.0	-13.9
GEW-128	11/5/2015 9:27	0.9	65.8	0.0	33.3	183.5				-5.8	-6.5	-11.3
GEW-128	11/5/2015 9:27	1.0	65.6	0.0	33.4	183.5				-6.3	-7.0	-10.5
GEW-128	11/13/2015 13:17	1.1	64.5	0.0	34.4	183.5				-11.3	-10.2	-14.3
GEW-128	11/13/2015 13:23	0.7	62.0	0.0	37.3	183.5				-10.5	-11.2	-13.8
GEW-129	11/5/2015 9:30	2.9	62.1	0.3	34.7	97.1				-6.9	-6.9	-12.3
GEW-129	11/5/2015 9:31	3.0	62.9	0.2	33.9	97.1				-5.6	-6.0	-10.4
GEW-129	11/13/2015 13:28	1.0	66.3	0.0	32.7	159.3				-14.2	-14.8	-13.8
GEW-129	11/13/2015 13:34	1.0	58.7	0.0	40.3	159.6				-14.4	-14.1	-13.9
GEW-130	11/27/2015 2:00											
GEW-130	11/27/2015 14:00											
GEW-131	11/5/2015 9:35	19.7	53.9	0.0	26.4	164.1				-6.5	-6.5	-10.3
GEW-131	11/5/2015 9:36	20.5	53.8	0.0	25.7	163.6				-5.9	-6.0	-8.3
GEW-131	11/12/2015 15:30	23.3	52.7	0.1	23.9	139.3				-14.0	-14.0	-15.3
GEW-131	11/12/2015 15:35	21.7	47.9	0.3	30.1	139.0				-14.0	-14.0	-15.5
GEW-132	11/5/2015 9:51	12.8	56.6	0.7	29.9	182.4				-4.7	-4.8	-9.2
GEW-132	11/5/2015 9:52	13.1	57.5	0.8	28.6	182.5				-4.9	-4.7	-9.4
GEW-132	11/9/2015 9:20	9.3	45.5	4.4	40.8	176.2				-9.8	-9.3	-10.4
GEW-132	11/9/2015 9:21	9.2	44.9	4.4	41.5	176.4				-9.8	-8.8	-10.3
GEW-132	11/12/2015 13:54	8.0	46.7	5.2	40.1	174.6				-16.0	-16.0	-17.7
GEW-132	11/12/2015 14:00	7.9	45.5	5.3	41.3	174.6				-15.9	-15.9	-17.4
GEW-132	11/16/2015 10:01	8.7	45.6	5.0	40.7	175.2				-11.2	-11.8	-12.1
GEW-132	11/16/2015 10:02	8.8	43.5	5.1	42.6	175.2				-12.1	-12.1	-12.9
GEW-133	11/5/2015 9:55	0.2	24.5	14.4	60.9	71.0		23	18	-11.3	-10.9	-10.3
GEW-133	11/5/2015 9:56	1.2	41.5	6.0	51.3	71.2		18	18	-10.8	-10.8	-10.3
GEW-133	11/12/2015 13:22	0.5	52.0	4.6	42.9	68.0		4	6	-17.9	-17.1	-18.1
GEW-133	11/12/2015 13:28	0.2	46.4	6.7	46.7	67.7		4	4	-17.4	-17.1	-17.9
GEW-133	11/16/2015 14:43	0.5	44.0	6.6	48.9	51.9		5	5	-13.7	-13.7	-13.8
GEW-133	11/16/2015 14:45	0.4	49.3	4.2	46.1	51.9		2	2	-12.7	-12.7	-12.8
GEW-134	11/5/2015 9:59	20.3	56.1	0.3	23.3	175.2				-9.8	-9.8	-10.3
GEW-134	11/5/2015 9:59	21.3	57.8	0.2	20.7	176.2				-9.9	-9.9	-9.8
GEW-134	11/9/2015 9:11	16.4	54.7	0.3	28.6	172.7				-12.5	-12.7	-12.8
GEW-134	11/9/2015 9:12	16.2	53.7	0.3	29.8	172.7				-12.4	-12.2	-12.9
GEW-134	11/12/2015 11:31	17.5	53.7	0.7	28.1	165.5				-17.9	-17.9	-17.7
GEW-134	11/12/2015 11:36	16.7	54.2	0.4	28.7	165.5				-17.9	-17.8	-17.8
GEW-134	11/16/2015 9:53	15.4	56.5	0.4	27.7	168.3				-12.9	-12.6	-13.0
GEW-134	11/16/2015 9:55	15.7	53.1	0.5	30.7	167.8				-12.2	-12.6	-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 ₂ O		
GEW-135	11/5/2015 10:01	9.5	56.7	0.1	33.7	186.8				-7.4	-6.9	-9.7
GEW-135	11/5/2015 10:01	8.9	59.7	0.1	31.3	186.8				-6.9	-6.5	-5.9
GEW-135	11/13/2015 14:28	7.7	61.2	0.0	31.1	178.2				-10.7	-10.3	-11.9
GEW-135	11/13/2015 14:33	6.4	54.2	0.0	39.4	178.3				-10.7	-11.2	-10.9
GEW-136	11/5/2015 10:03	5.2	24.7	16.5	53.6	121.2				-5.7	-5.4	-7.3
GEW-136	11/5/2015 10:04	3.8	13.7	17.0	65.5	121.2				-5.9	-6.0	-8.8
GEW-136	11/12/2015 11:07	6.7	56.1	0.0	37.2	74.5				0.4	0.4	2.1
GEW-136	11/18/2015 14:42	6.1	50.5	3.6	39.8	184.2				-7.8	-7.8	-11.6
GEW-136	11/18/2015 14:45	5.4	42.6	6.8	45.2	184.6				-10.7	-11.1	-10.8
GEW-137	11/5/2015 10:06	20.3	31.2	2.2	46.3	110.4				-7.9	-8.4	-8.0
GEW-137	11/12/2015 10:57	16.3	33.1	1.3	49.3	113.3				-15.9	-16.4	-16.2
GEW-137	11/12/2015 11:02	15.9	35.4	1.2	47.5	115.5				-16.4	-16.9	-16.2
GEW-138	11/5/2015 10:08	19.6	44.3	1.4	34.7	164.2				-2.0	-1.7	-6.1
GEW-138	11/5/2015 10:09	19.4	44.7	1.4	34.5	164.5				-1.8	-1.6	-6.9
GEW-138	11/12/2015 10:09	3.4	23.9	10.8	61.9	157.5				-2.5	-2.5	-10.2
GEW-138	11/12/2015 10:14	3.4	24.1	10.6	61.9	158.3				-1.8	-1.9	-6.8
GEW-139	11/5/2015 10:14	4.5	50.3	0.3	44.9	188.5				-6.4	-6.0	-8.3
GEW-139	11/5/2015 10:14	3.8	59.0	0.3	36.9	188.5				-6.9	-6.5	-9.2
GEW-139	11/13/2015 7:46	1.1	49.1	3.6	46.2	187.2				-10.0	-10.0	-11.7
GEW-139	11/13/2015 7:51	1.0	49.3	3.5	46.2	187.4				-10.0	-10.0	-11.8
GEW-140	11/5/2015 8:32	10.3	52.1	0.1	37.5	180.3				18.1	18.0	18.1
GEW-140	11/5/2015 8:33	10.6	55.9	0.0	33.5	185.7				14.4	14.5	14.8
GEW-140	11/18/2015 14:27	10.0	60.0	0.0	30.0	180.4				15.8	15.7	15.7
GEW-140	11/18/2015 14:28	9.8	61.9	0.0	28.3	178.7				13.8	13.8	14.3
GEW-141	11/5/2015 8:37	2.8	60.9	0.0	36.3	153.7				-13.7	-14.0	-10.3
GEW-141	11/13/2015 9:00	2.1	66.0	0.0	31.9	149.7				-17.7	-17.2	-17.4
GEW-141	11/13/2015 9:06	2.3	63.6	0.0	34.1	153.4				-17.3	-17.2	-17.4
GEW-142	11/5/2015 8:41	0.2	53.0	2.6	44.2	115.0				-6.9	-20.5	-7.2
GEW-142	11/13/2015 8:27	0.2	59.2	1.8	38.8	115.2				-15.3	-15.8	-15.5
GEW-142	11/13/2015 8:32	0.1	51.6	3.8	44.5	115.2				-15.3	-15.8	-15.2
GEW-143	11/5/2015 8:45	0.2	56.4	0.0	43.4	100.3				3.3	3.8	3.4
GEW-143	11/5/2015 8:46	0.2	57.1	0.0	42.7	100.0				3.9	4.1	3.9
GEW-143	11/13/2015 8:16	0.2	50.5	3.7	45.6	107.9				-17.3	-17.3	-17.3
GEW-143	11/13/2015 8:21	0.1	49.6	3.4	46.9	109.0				-18.7	-18.5	-18.7
GEW-144	11/13/2015 10:34	0.7	56.3	2.7	40.3	95.4				-13.8	-12.2	-12.5
GEW-144	11/13/2015 10:40	0.7	55.3	2.0	42.0	98.3				-13.4	-14.8	-15.2
GEW-145	11/5/2015 8:52	0.0	8.5	20.1	71.4	68.7				-23.9	-22.0	-24.0
GEW-145	11/5/2015 8:54	0.0	6.4	20.7	72.9	69.2				-16.2	-16.2	-20.1
GEW-145	11/13/2015 9:43	2.9	57.9	0.1	39.1	144.2				-18.3	-18.3	-18.2
GEW-145	11/13/2015 9:49	2.4	59.0	0.0	38.6	143.8				-20.6	-20.2	-20.6
GEW-146	11/5/2015 9:47	8.8	31.4	5.5	54.3	87.8				-6.5	-6.4	-7.3
GEW-146	11/5/2015 9:48	8.6	30.7	5.4	55.3	89.7				-6.4	-6.4	-7.3

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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 ₂ O		
GEW-146	11/12/2015 9:57	3.5	18.0	14.0	64.5	82.0				-9.0	-9.0	-9.5
GEW-146	11/12/2015 10:02	3.6	17.6	13.8	65.0	83.4				-10.2	-10.1	-11.1
GEW-147	11/5/2015 9:30	4.3	54.7	0.1	40.9	191.1				-9.3	-9.6	-10.0
GEW-147	11/5/2015 9:31	4.0	55.2	0.0	40.8	191.3				-9.3	-9.4	-9.4
GEW-147	11/13/2015 14:16	6.3	57.4	0.0	36.3	187.9				-14.2	-14.6	-14.7
GEW-147	11/13/2015 14:22	6.4	53.1	0.0	40.5	188.0				-14.1	-14.1	-14.4
GEW-148	11/5/2015 9:23	0.2	10.2	18.7	70.9	71.2				-4.9	-5.4	-5.0
GEW-148	11/5/2015 9:25	0.2	9.3	18.6	71.9	71.4				-4.4	-4.3	-4.4
GEW-148	11/12/2015 9:46	0.9	30.4	10.2	58.5	58.1				0.2	0.2	0.1
GEW-148	11/18/2015 14:58	1.2	45.0	1.2	52.6	68.9				-0.1	-0.1	-0.4
GEW-148	11/18/2015 14:59	1.2	45.0	1.0	52.8	68.8				-0.2	-0.3	-0.4
GEW-149	11/5/2015 10:25	8.7	35.5	6.2	49.6	147.0				-0.8	-0.7	-9.5
GEW-149	11/5/2015 10:27	9.4	36.3	6.1	48.2	149.7				-2.3	-2.3	-9.3
GEW-149	11/12/2015 8:15	10.8	55.7	2.0	31.5	172.3				-0.4	-0.4	-3.2
GEW-149	11/12/2015 8:20	10.4	54.3	1.8	33.5	172.6				-0.4	-0.4	-3.1
GEW-150	11/5/2015 8:58	11.3	60.0	0.5	28.2	182.4				-4.5	-4.4	-4.8
GEW-150	11/13/2015 10:46	10.9	59.4	1.6	28.1	178.2				-1.7	-1.8	-1.8
GEW-150	11/13/2015 10:51	10.2	56.9	1.6	31.3	178.2				-1.7	-1.7	-1.7
GEW-151	11/5/2015 9:17	13.5	49.0	1.2	36.3	185.7				-13.2	-12.7	-19.1
GEW-151	11/5/2015 9:18	13.0	47.8	1.2	38.0	185.7				-12.9	-12.7	-18.6
GEW-151	11/12/2015 9:32	12.7	57.2	0.0	30.1	189.2				-14.5	-14.0	-18.0
GEW-151	11/12/2015 9:38	12.4	56.6	0.0	31.0	189.1				-12.6	-13.0	-17.2
GEW-152	11/5/2015 9:07	0.5	54.9	0.0	44.6	75.2		2	2	26.3	26.3	-25.7
GEW-152	11/5/2015 9:09	0.9	54.7	0.0	44.4	106.3		3	2	-22.4	-22.4	-24.9
GEW-152	11/13/2015 11:10	5.0	56.2	0.0	38.8	192.5				-16.8	-16.8	-16.8
GEW-152	11/13/2015 11:15	4.3	55.0	0.0	40.7	192.5				-16.3	-16.8	-16.7
GEW-153	11/5/2015 9:13	23.3	46.9	0.1	29.7	115.6				-23.4	-23.1	-23.2
GEW-153	11/13/2015 13:04	23.0	46.6	0.0	30.4	130.5				-21.4	-20.9	-25.2
GEW-153	11/13/2015 13:10	21.8	46.9	0.0	31.3	130.2				-19.5	-19.5	-22.1
GEW-154	11/5/2015 10:20	0.0	0.7	21.5	77.8	71.1		1	6	-9.6	-9.4	-11.7
GEW-154	11/5/2015 10:21	0.0	0.6	22.1	77.3	71.2		8	8	-8.4	-8.4	-8.4
GEW-154	11/12/2015 8:28	7.2	16.9	16.2	59.7	155.1				-14.5	-14.4	-15.5
GEW-154	11/18/2015 15:11	24.5	51.0	0.0	24.5	184.1				-0.5	-0.4	-14.2
GEW-154	11/18/2015 15:16	29.8	38.9	2.2	29.1	181.9		39	24	-6.8	-6.2	-12.5
GEW-155	11/5/2015 9:39	4.9	29.1	9.2	56.8	122.6				-4.0	-4.1	-4.6
GEW-155	11/5/2015 9:41	5.1	27.9	9.1	57.9	121.8				-4.5	-3.6	-5.0
GEW-155	11/12/2015 11:13	1.8	18.5	14.5	65.2	111.9				-10.0	-9.6	-9.9
GEW-155	11/18/2015 14:35	1.6	17.5	14.4	66.5	112.8				-6.7	-6.7	-6.9
GEW-155	11/18/2015 14:36	1.8	16.0	14.6	67.6	113.8				-6.5	-6.7	-6.4
GEW-156	11/12/2015 8:35	5.2	37.8	9.8	47.2	115.4				-2.8	-2.7	-19.5
GEW-156	11/12/2015 8:41	5.0	37.6	9.8	47.6	118.6				-2.7	-2.4	-17.7
GIW-01	11/4/2015 9:37	3.3	67.3	0.1	29.3	188.5		14	29	-2.3	-2.4	-7.9

November 2015 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H ₂ O		
GIW-01	11/4/2015 9:37	3.1	69.0	0.1	27.8	188.5		15	34	-3.1	-3.1	-8.7
GIW-01	11/13/2015 14:16	3.6	64.9	0.1	31.4	187.9		33	33	-9.2	-9.2	-15.2
GIW-01	11/13/2015 14:25	3.4	61.9	0.2	34.5	187.9		32	14	-9.0	-8.8	-14.7
GIW-01	11/20/2015 10:43	3.5	68.5	0.1	27.9	188.5		37	0	-6.5	-6.5	-14.7
GIW-01	11/20/2015 10:44	3.2	69.0	0.0	27.8	189.1		17	0	-6.4	-6.5	-14.3
GIW-01	11/23/2015 15:16	3.1	74.7	0.0	22.2	175.0	175.0	21	24	-8.4	-8.7	-16.0
GIW-02	11/4/2015 9:33	5.3	24.0	11.8	58.9	72.0		6	0	-4.2	-3.8	-15.9
GIW-02	11/4/2015 9:33	5.3	23.8	11.8	59.1	72.1		0	27	-3.5	-4.2	-16.4
GIW-02	11/13/2015 14:02	5.1	24.3	12.3	58.3	67.7		0	30	-3.4	-3.4	-14.4
GIW-02	11/13/2015 14:09	5.2	21.8	12.4	60.6	67.7		31	56	-3.2	-3.7	-14.4
GIW-02	11/20/2015 10:38	4.5	38.0	6.5	51.0	60.8		0	26	-4.4	-4.1	-13.5
GIW-02	11/20/2015 10:39	6.6	31.5	6.7	55.2	61.0		71	18	-4.5	-4.5	-13.6
GIW-02	11/23/2015 15:24	5.0	23.0	11.3	60.7	77.3		0	0	-3.8	-3.3	-16.0
GIW-02	11/23/2015 15:25	5.0	22.8	11.4	60.8	76.8		71	22	-3.6	-3.5	-15.7
GIW-03	11/4/2015 9:26	0.4	47.1	6.3	46.2	66.0		0	9	-1.8	-1.6	-16.2
GIW-03	11/4/2015 9:28	0.3	45.9	7.3	46.5	66.1		22	9	-1.8	-1.9	-15.4
GIW-03	11/13/2015 13:47	0.3	41.4	8.1	50.2	68.5		5	24	-2.4	-1.9	-15.2
GIW-03	11/13/2015 13:54	0.2	41.1	8.2	50.5	68.5		4	26	-2.3	-2.0	-14.7
GIW-03	11/20/2015 10:32	0.4	44.1	6.8	48.7	60.2		0	2	-1.4	-1.2	-12.8
GIW-03	11/20/2015 10:33	0.3	44.3	7.0	48.4	60.6		17	0	-1.3	-1.6	-12.8
GIW-03	11/23/2015 15:16	0.4	40.4	8.9	50.3	74.3		0	0	-2.8	-2.9	-15.2
GIW-03	11/23/2015 15:18	0.2	38.4	10.2	51.2	74.8		8	5	-4.5	-5.0	-15.7
GIW-04	11/4/2015 9:23	1.1	43.3	5.7	49.9	65.4		6	9	-15.7	-15.7	-15.7
GIW-04	11/4/2015 9:23	0.7	44.0	5.5	49.8	65.6		0	15	-16.2	-15.9	-16.2
GIW-04	11/13/2015 13:31	0.5	40.9	5.8	52.8	67.5		10	10	-15.1	-15.1	-15.1
GIW-04	11/13/2015 13:39	0.4	37.0	7.2	55.4	68.2		12	12	-14.6	-14.6	-14.8
GIW-04	11/20/2015 10:25	0.6	35.5	8.9	55.0	57.3		6	6	-12.3	-12.3	-12.4
GIW-04	11/20/2015 10:27	0.6	41.8	5.6	52.0	57.5		4	4	-12.4	-12.4	-14.3
GIW-04	11/23/2015 15:12	0.6	48.2	3.7	47.5	71.2		8	8	-15.1	-15.1	-15.5
GIW-05	11/13/2015 9:39	3.2	58.0	0.0	38.8	59.4		0	0	7.9	7.9	-13.5
GIW-05	11/13/2015 9:50	3.3	55.8	0.2	40.7	60.1		10	10	-7.9	-8.1	-13.6
GIW-05	11/19/2015 15:11	4.1	55.4	1.9	38.6	61.8		9	10	-11.7	-11.7	-12.6
GIW-05	11/23/2015 15:28	2.4	52.9	4.4	40.3	50.0	50.0	8	5	-2.1	-0.6	-14.9
GIW-06	11/4/2015 9:05	1.2	63.9	0.4	34.5	64.6		13	13	-15.1	-15.1	-15.7
GIW-06	11/13/2015 12:30	1.2	58.3	0.9	39.6	64.9		8	11	-13.7	-13.7	-14.2
GIW-06	11/13/2015 12:38	1.2	56.7	1.0	41.1	65.1		11	10	-14.1	-14.2	-14.7
GIW-06	11/20/2015 10:05	1.1	60.7	0.6	37.6	59.4		2	11	-11.4	-11.1	-12.4
GIW-06	11/23/2015 14:50	1.2	61.4	0.5	36.9	71.2		17	5	-15.1	-15.1	-16.0
GIW-06	11/23/2015 14:51	1.2	60.2	0.3	38.3	72.2		15	15	-15.5	-15.6	-16.0
GIW-07	11/4/2015 9:10	34.0	55.0	0.7	10.3	65.0		0	0	-22.0	-22.0	-23.5
GIW-07	11/13/2015 12:44	32.2	54.6	1.1	12.1	69.4		24	0	-21.3	-21.5	-21.0
GIW-07	11/13/2015 12:53	33.3	52.6	1.3	12.8	69.2		18	13	-20.9	-20.9	-21.0

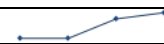
November 2015 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H ₂ O		
GIW-07	11/20/2015 10:09	21.3	62.2	0.0	16.5	61.4		11	10	7.2	7.2	7.3
GIW-07	11/20/2015 10:10	21.4	63.6	0.0	15.0	62.7		11	15	7.1	7.1	7.0
GIW-07	11/23/2015 14:55	30.6	59.9	0.6	8.9	69.5		12	12	-22.0	-22.0	-22.3
GIW-08	11/4/2015 9:57	17.6	62.4	1.9	18.1	68.5		114	114	-2.5	-2.5	-11.6
GIW-08	11/13/2015 9:12	21.0	53.3	3.3	22.4	59.4				-3.2	-3.2	-15.2
GIW-08	11/13/2015 9:22	21.2	53.8	3.2	21.8	58.5				-3.2	-3.2	-14.8
GIW-08	11/19/2015 14:56	24.0	58.4	1.4	16.2	61.3		119	118	-2.6	-2.6	-17.6
GIW-08	11/23/2015 15:30	23.0	64.6	1.7	10.7	50.0	50.0	103	103	-2.7	-2.7	-16.2
GIW-09	11/4/2015 9:17	6.5	28.3	14.5	50.7	75.7				-5.9	-5.7	-25.0
GIW-09	11/4/2015 9:17	5.4	23.0	14.9	56.7	75.7				-6.0	-5.4	-24.1
GIW-09	11/13/2015 13:01	4.1	14.3	16.3	65.3	68.1				-3.8	-3.7	-15.7
GIW-09	11/13/2015 13:09	4.1	12.7	16.6	66.6	68.0				-3.6	-3.7	-16.1
GIW-09	11/20/2015 10:15	5.8	26.3	14.4	53.5	62.4				-3.9	-3.7	-17.2
GIW-09	11/20/2015 10:16	6.9	16.4	15.7	61.0	62.3				-3.7	-3.8	-17.9
GIW-09	11/23/2015 15:00	2.9	18.1	15.8	63.2	78.2				-3.4	-3.4	-16.8
GIW-09	11/23/2015 15:02	3.0	13.0	16.5	67.5	78.6				-4.5	-4.5	-16.9
GIW-10	11/4/2015 9:20	6.9	42.5	0.7	49.9	65.5		0	0	-6.0	-6.0	-15.2
GIW-10	11/13/2015 13:16	2.0	54.2	0.3	43.5	69.7		10	7	-12.1	-12.1	-14.7
GIW-10	11/13/2015 13:25	1.4	53.9	0.4	44.3	70.1		15	0	-12.1	-11.8	-14.7
GIW-10	11/20/2015 10:20	6.2	54.2	0.2	39.4	61.0		30	14	-3.8	-3.7	-12.4
GIW-10	11/23/2015 15:06	0.9	51.2	1.4	46.5	70.9		16	16	-14.2	-14.6	-15.5
GIW-10	11/23/2015 15:07	0.5	54.5	0.5	44.5	70.9		17	17	-14.1	-14.1	-15.8
GIW-11	11/4/2015 9:54	6.7	46.5	3.7	43.1	74.9		92	93	-1.6	-1.7	-7.4
GIW-11	11/13/2015 10:07	3.7	49.6	4.0	42.7	69.1				-3.5	-3.5	-13.5
GIW-11	11/13/2015 10:18	3.6	49.4	4.0	43.0	68.4				-3.5	-3.5	-14.0
GIW-11	11/19/2015 15:16	4.0	49.3	3.8	42.9	67.2				-3.5	-3.4	-14.1
GIW-11	11/23/2015 15:25	3.7	52.7	3.8	39.8	50.0	50.0	118	118	-3.7	-3.7	-15.6
GIW-12	11/4/2015 9:46	4.8	24.2	11.0	60.0	83.6		122	120	-2.9	-2.9	-9.2
GIW-12	11/4/2015 9:46	5.1	23.8	10.9	60.2	83.6		120	120	-2.9	-2.9	-9.1
GIW-12	11/13/2015 10:25	4.7	24.3	11.4	59.6	76.9				-4.6	-4.5	-14.0
GIW-12	11/13/2015 10:33	4.8	22.8	11.5	60.9	77.0				-4.8	-4.5	-13.7
GIW-12	11/19/2015 15:20	3.9	20.9	11.5	63.7	75.0		142	141	-3.9	-3.8	-12.5
GIW-12	11/19/2015 15:21	4.0	20.5	11.6	63.9	74.8				-3.8	-4.1	-12.2
GIW-12	11/23/2015 15:19	3.0	22.6	10.8	63.6	60.0	60.0	153	151	-5.6	-5.6	-14.5
GIW-12	11/23/2015 15:20	3.2	20.4	11.7	64.7	60.0	60.0	159	155	-5.9	-5.6	-14.8
GIW-13	11/4/2015 9:40	3.6	65.9	0.0	30.5	70.0		0	0	2.6	2.6	2.9
GIW-13	11/4/2015 9:41	3.6	65.6	0.0	30.8	68.7		0	0	2.6	2.7	2.9
GIW-13	11/6/2015 12:01	4.3	61.5	0.1	34.1	71.7				-7.1	-6.8	-6.7
GIW-13	11/13/2015 10:39	3.6	60.5	0.0	35.9	64.6				2.6	2.7	2.5
GIW-13	11/13/2015 10:51	6.0	62.3	0.1	31.6	63.8				-10.8	-11.3	-11.2
GIW-13	11/19/2015 15:44	12.3	57.3	0.7	29.7	65.2				-11.7	-13.6	-12.4
GIW-13	11/23/2015 15:10	11.7	61.6	1.3	25.4	50.0	5.0	210	238	-12.3	-13.1	-13.0

November 2015 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H ₂ O		
LCS-5A	11/4/2015 13:45	58.1	40.0	0.0	1.9	94.7				-6.2	-6.6	-5.7
LCS-5A	11/17/2015 10:35	59.9	37.3	0.1	2.7	88.8				-6.0	-6.0	-6.3
LCS-5A	11/23/2015 11:25	57.6	42.2	0.0	0.2	80.0	80.0	264	267	-15.7	-15.7	-16.0
LCS-5A	11/30/2015 14:48	57.8	42.1	0.0	0.1	50.0	50.0	266	268	-14.7	-14.7	-14.8
LCS-6B	11/4/2015 15:07	52.4	39.3	0.6	7.7	79.8		8	8	-0.6	-0.6	-8.9
LCS-6B	11/4/2015 15:10	52.2	39.3	0.6	7.9	79.3		7	8	-0.2	-0.2	-8.4
LCS-6B	11/17/2015 11:23	56.4	41.0	0.0	2.6	64.5		6	6	0.4	0.4	-5.9
LCS-6B	11/17/2015 11:25	55.5	41.8	0.0	2.7	65.1		5	0	-0.5	-0.5	-6.2
LCS-6B	11/23/2015 10:38	48.6	39.7	1.5	10.2	50.0	50.0			-2.8	-3.1	-14.1
LCS-6B	11/23/2015 10:39	48.5	39.2	1.5	10.8	50.0	50.0			-1.7	-1.7	-14.0
LCS-6B	11/30/2015 11:23	54.5	45.4	0.0	0.1	35.0	35.0			-1.8	-2.0	-14.0
PGW-60	11/4/2015 11:55	51.5	35.3	1.0	12.2	81.9		9	6	-2.8	-2.9	-8.3
PGW-60	11/17/2015 12:32	55.3	40.5	0.0	4.2	74.0		18	13	-1.4	-1.3	-1.4
PGW-60	11/23/2015 10:18	59.0	40.5	0.3	0.2	40.0	40.0			-8.0	-7.9	-6.3
SEW-002	11/25/2015 10:51	0.3	7.4	17.7	74.6	53.9		11	12	-12.8	-12.8	-15.0
SEW-002	11/25/2015 10:52	0.3	15.5	14.9	69.3	54.3		7	14	-12.9	-12.9	-14.6
T-56	11/4/2015 10:52	34.6	31.1	0.2	34.1	69.4		13	15	-0.1	-0.1	-8.7
T-56	11/17/2015 12:00	55.0	37.8	0.0	7.2	63.5		0	11	-0.1	0.0	-6.4

Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)				Temp Trend ><30°F	Comments
	August 2015	September 2015	October 2015	November 2016		
GEW-001	--	--	--	--		
GEW-002	124.2	122.4	119.9	116.5		
GEW-003	118.3	118.3	119.4	117.3		
GEW-004	123.1	122.1	121.0	120.4		
GEW-005	102.1	100.2	97.3	97.9		
GEW-006	92.9	93.6	94.0	95.0		
GEW-007	102.3	102.4	99.2	96.9		
GEW-008	119.2	116.0	115.0	114.3		
GEW-009	126.9	126.3	126.3	125.4		
GEW-010	93.7	112.3	100.4	77.3		
GEW-011	--	--	--	51.5		
GEW-013A	--	--	--	--		
GEW-014A	--	--	--	--		
GEW-015	--	--	--	--		
GEW-016R	--	--	--	--		
GEW-018B	--	--	--	--		
GEW-018R	--	--	--	150.1		
GEW-019A	--	--	--	--		
GEW-020A	--	--	110.6	146.2		
GEW-021A	--	--	--	156.2		
GEW-022R	--	191.4	193.7	192.5		
GEW-023A	--	--	--	--		
GEW-024A	--	--	--	--		
GEW-025A	--	--	--	--		
GEW-026R	91.9	95.6	68.0	--		
GEW-027A	115.3	121.5	--	--		
GEW-028R	188.5	189.1	194.8	195.1		
GEW-029	--	--	--	--		
GEW-030R	--	--	--	--		
GEW-033R	--	--	--	--		
GEW-034	--	--	--	--		
GEW-034A	--	--	--	--		
GEW-035	--	--	--	--		
GEW-036	--	--	--	--		
GEW-037	--	--	--	--		
GEW-038	118.4	136.0	101.7	108.6		
GEW-039	134.3	134.0	136.0	136.6		
GEW-040	96.8	96.9	94.8	93.4		
GEW-041R	110.4	107.9	107.2	108.7		
GEW-042R	101.5	103.4	105.2	110.4		
GEW-043R	135.9	131.9	130.5	138.3		
GEW-044	96.0	98.7	90.3	95.6		
GEW-045R	100.6	97.1	92.9	92.1		
GEW-046R	101.8	101.5	100.0	100.1		

Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)				Temp Trend ><30°F	Comments
	August 2015	September 2015	October 2015	November 2016		
GEW-047R	121.8	118.8	115.7	115.0		
GEW-048	108.5	107.4	107.0	105.8		
GEW-049	114.7	115.0	113.2	112.5		
GEW-050	111.1	109.7	108.6	109.7		
GEW-051	128.3	129.6	128.0	125.8		
GEW-052	115.8	118.1	115.0	114.7		
GEW-053	140.5	140.7	140.7	139.3		
GEW-054	150.6	143.6	150.9	144		
GEW-055	128.0	128.7	129.9	125.1		
GEW-056R	173.1	178.6	171.6	168.8		
GEW-057B	179.8	184.1	158.4	80.0		
GEW-057R	184.1	192.5	188.5	176.7		
GEW-058	189.6	188.5	187.9	185.7		
GEW-058A	181.4	182.0	181.9	164		
GEW-059R	185.2	186.8	186.3	186.8		
GEW-061B	89.9	96.8	92.8	55.3		
GEW-064A	--	--	--	--		
GEW-065A	196.0	195.4	194.2	191.3		
GEW-066	--	--	--	--		
GEW-067A	185.2	190.2	186.3	160.0		
GEW-068A	--	--	--	--		
GEW-069R	--	--	--	--		
GEW-070R	--	--	--	--		
GEW-071	--	--	--	--		
GEW-071B	--	--	--	--		
GEW-072RR	--	--	--	--		
GEW-073R	--	--	--	--		
GEW-075	--	--	--	--		
GEW-076R	--	--	--	--		
GEW-077	--	--	184.1	90.0		
GEW-078R	--	--	--	--		
GEW-080	--	--	90.7	40.0		
GEW-081	--	--	--	--		
GEW-082R	192.5	192.5	192.5	194.9		
GEW-083	--	--	--	--		
GEW-084	--	--	--	--		
GEW-085	--	--	--	--		
GEW-086	190.2	137.3	106.0	97.1		
GEW-087	--	--	--	--		
GEW-088	--	--	--	--		
GEW-089	84.9	101.5	93.6	80.0		
GEW-090	190.8	188.5	189.6	187.4		
GEW-091	--	--	--	--		
GEW-100	--	--	--	--		
GEW-101	--	--	--	--		

Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)				Temp Trend ><30°F	Comments
	August 2015	September 2015	October 2015	November 2016		
GEW-102	--	82.3	85.6	148.8		
GEW-103	--	--	--	--		
GEW-104	104.7	110.9	97.3	81.5		
GEW-105	94.4	100.2	95.2	75.0		
GEW-106	--	--	--	--		
GEW-107	94.8	99.6	89.5	40.0		
GEW-108	--	--	--	--		
GEW-109	175.8	180.8	180.9	81.9		
GEW-110	118.3	136.0	120.2	133.0		
GEW-112	--	--	--	--		
GEW-113	--	--	--	--		
GEW-116	93.6	105.0	88.9	82.5		
GEW-117	89.5	139.0	82.4	115.5		
GEW-118	--	--	--	--		
GEW-120	159.6	176.7	177.7	186.8		
GEW-121	191.8	189.1	189.1	189.1		
GEW-122	196.6	184.6	183.5	184.6		
GEW-123	186.3	183.5	190.7	193.7		
GEW-124	147.3	162.3	166.4	163.2		
GEW-125	194.2	191.3	91.3	191.9		
GEW-126	190.8	180.8	193.3	191.3		
GEW-127	189.1	95.6	176.2	188.0		
GEW-128	182.8	181.4	182.4	183.5		
GEW-129	164.5	162.6	162.2	159.6		
GEW-130	--	--	--	--		
GEW-131	154.9	149.1	175.8	161.1		
GEW-132	185.2	180.3	177.7	182.5		
GEW-133	--	81.9	103.2	71.2		
GEW-134	188.5	179.3	173.6	176.2		
GEW-135	192.3	189.6	186.3	186.8		
GEW-136	175.2	158.3	134.7	184.6		
GEW-137	123.7	113.8	120.2	115.5		
GEW-138	185.1	191.3	162.7	164.5		
GEW-139	193.7	190.8	188.3	188.5		
GEW-140	184.5	185.7	184.6	185.7		
GEW-141	140.7	148.1	147.7	153.7		
GEW-142	173.1	185.4	159.6	115.2		
GEW-143	197.9	149.7	118.3	109.0		
GEW-144	115.5	102.2	109.0	98.3		
GEW-145	90.3	98.3	85.6	144.2		
GEW-146	109.0	103.4	99.0	89.7		
GEW-147	193.6	191.8	190.2	191.3		
GEW-148	108.2	89.7	172.3	71.4		
GEW-149	147.7	145.1	153.3	172.6		
GEW-150	181.5	181.9	172.7	182.4		

Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)				Temp Trend ><30°F	Comments
	August 2015	September 2015	October 2015	November 2016		
GEW-151	114.5	196.0	93.6	189.2		
GEW-152	180.3	193.7	179.8	192.5		
GEW-153	121.5	131.4	136.2	130.5		
GEW-154	175.9	93.7	191.9	184.1		
GEW-155	179.8	146.2	120.4	122.6		
GEW-156	141.2	155.9	160.1	118.6		
GIW-01	189.1	189.6	188.5	189.1		
GIW-02	89.9	100.4	91.1	77.3		
GIW-03	91.3	96.7	89.6	74.8		
GIW-04	89.2	92.7	92.7	71.2		
GIW-05	91.9	97.9	88.7	61.8		
GIW-06	95.6	95.2	87.5	72.2		
GIW-07	92.7	95.0	89.5	69.5		
GIW-08	91.1	99.4	86.0	68.5		
GIW-09	95.4	98.4	88.3	78.6		
GIW-10	78.8	95.0	90.7	70.9		
GIW-11	98.7	101.3	93.2	74.9		
GIW-12	114.7	107.2	96.2	83.6		
GIW-13	124.9	144.4	87.8	71.7		
LCS-1D	--	--	--	--		
LCS-2D	--	--	--	--		
LCS-3C	--	--	--	--		
LCS-4B	--	--	--	--		
LCS-5A	96.7	94.8	94.6	94.7		
LCS-6B	98.2	99.7	88.8	79.8		
PGW-60	89.9	91.2	88.3	81.9		
SEW-002	138.7	--	78.0	54.3		
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	--	87.8	77.0	69.4		

-- = Indicates no data available.

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
North Quarry								
GEW-002	7/9/2015	46	36	4.1	15	ND	ND	See Note 1
GEW-002	7/22/2015	56	41	ND	ND	ND	ND	See Note 2
GEW-002	8/13/2015	57	40	ND	ND	ND	ND	
GEW-002	9/10/2015	55	41	ND	ND	ND	ND	
GEW-002	10/12/2015	56	41	ND	ND	ND	ND	
GEW-002	11/13/2015	54	43	ND	ND	ND	ND	
GEW-003	7/9/2015	51	39	ND	9.1	0.1	ND	
GEW-003	7/22/2015	54	40	ND	5.8	0.1	ND	See Note 2
GEW-003	8/13/2015	53	38	1.6	8.1	0.1	ND	
GEW-003	9/10/2015	49	36	2.8	13	0.1	ND	See Note 1
GEW-003	10/12/2015	47	35	2.9	15	0.1	ND	See Note 1 and 3
GEW-003	11/10/2015	50	40	ND	8.7	0.1	ND	
GEW-004	7/9/2015	53	40	ND	6.8	0.1	ND	
GEW-004	8/13/2015	53	39	ND	7.9	0.1	ND	
GEW-004	9/10/2015	53	40	ND	6.3	0.1	ND	
GEW-004	10/12/2015	54	40	ND	5.8	0.1	ND	
GEW-004	11/10/2015	49	40	ND	10.0	0.1	ND	
GEW-005	7/10/2015	24	21	9.5	46	ND	ND	See Note 1
GEW-005	8/13/2015	43	35	ND	21	ND	ND	
GEW-005	9/10/2015	52	38	ND	10	0.1	ND	
GEW-005	10/12/2015	47	35	1.7	16	ND	ND	See Note 3
GEW-005	11/10/2015	44	36	ND	19	0.03	ND	
GEW-006	9/10/2015	55	38	ND	6.5	ND	ND	
GEW-006	11/10/2015	51	40	ND	8.1	ND	ND	
GEW-007	7/9/2015	54	38	ND	6	ND	ND	
GEW-007	9/11/2015	57	40	ND	ND	ND	ND	
GEW-007	11/11/2015	56	41	ND	ND	ND	ND	
GEW-008	7/9/2015	46	41	2.4	8.4	1.8	ND	
GEW-008	8/13/2015	51	44	ND	ND	1.5	ND	
GEW-008	9/11/2015	49	47	ND	ND	0.7	ND	
GEW-008	10/12/2015	50	46	ND	ND	1.3	ND	
GEW-008	11/11/2015	49	47	ND	ND	2.1	ND	
GEW-009	7/9/2015	50	41	ND	6.6	0.6	ND	
GEW-009	8/13/2015	53	41	ND	4.3	0.5	ND	
GEW-009	9/11/2015	51	40	1.5	7	0.8	ND	See Note 1
GEW-009	10/12/2015	52	41	ND	5.1	0.8	ND	
GEW-009	11/11/2015	46	39	2	12	0.4	ND	See Note 1 and 3
GEW-040	7/9/2015	56	40	ND	ND	ND	ND	
GEW-040	8/13/2015	57	38	ND	3.4	ND	ND	
GEW-040	9/8/2015	56	40	ND	ND	ND	ND	
GEW-040	10/12/2015	57	40	ND	ND	ND	ND	
GEW-040	11/10/2015	52	37	2.4	8.5	ND	ND	See Note 1 and 3
GEW-041R	7/9/2015	48	34	3.7	14	ND	ND	See Note 1
GEW-041R	9/8/2015	56	40	ND	3.6	ND	ND	
GEW-041R	11/10/2015	47	37	1.6	15	ND	ND	See Note 3
GEW-042R	7/9/2015	49	35	3.3	12	ND	ND	
GEW-042R	8/13/2015	57	39	ND	3.2	ND	ND	
GEW-042R	9/8/2015	55	41	ND	ND	ND	ND	
GEW-042R	10/12/2015	56	41	ND	ND	ND	ND	
GEW-042R	11/10/2015	42	35	5	18	ND	ND	See Note 1 and 3
GEW-043R	7/9/2015	56	42	ND	ND	0.2	ND	
GEW-043R	9/8/2015	54	41	ND	ND	0.2	ND	
GEW-043R	11/11/2015	53	44	ND	ND	ND	ND	

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
							(ppm)	
		(%)						
GEW-044	7/9/2015	43	31	4	22	ND	ND	See Note 1
GEW-044	9/10/2015	55	38	ND	5.9	ND	ND	
GEW-044	11/10/2015	47	37	ND	15	ND	ND	
GEW-045R	7/9/2015	57	38	ND	3	ND	ND	
GEW-045R	8/13/2015	57	37	ND	4.4	ND	ND	
GEW-045R	9/10/2015	58	39	ND	ND	ND	ND	
GEW-045R	10/12/2015	58	38	ND	ND	ND	ND	
GEW-045R	11/10/2015	58	39	ND	ND	ND	ND	
GEW-046R	7/9/2015	52	38	ND	8.2	0.1	ND	
GEW-046R	8/13/2015	54	39	ND	5.9	0.1	ND	
GEW-046R	9/10/2015	53	40	ND	5	0.1	ND	
GEW-046R	10/12/2015	56	41	ND	ND	0.1	ND	
GEW-046R	11/10/2015	53	41	ND	4.7	0.1	ND	
GEW-047R	7/9/2015	43	35	2	20	ND	ND	
GEW-047R	8/13/2015	41	35	ND	22	0.1	ND	
GEW-047R	9/10/2015	49	38	ND	12	0.1	ND	
GEW-047R	10/12/2015	47	37	ND	15	ND	ND	
GEW-047R	11/10/2015	41	37	ND	21	0.1	ND	
GEW-048	8/13/2015	54	38	ND	7.6	ND	ND	
GEW-048	9/10/2015	53	39	ND	7.5	ND	ND	
GEW-048	10/12/2015	55	39	ND	4.9	ND	ND	
GEW-048	11/10/2015	53	40	ND	5.7	ND	ND	
GEW-049	7/10/2015	33	27	6	34	ND	ND	See Note 1
GEW-049	8/13/2015	42	34	ND	23	ND	ND	
GEW-049	9/10/2015	50	35	2.9	12	0.1	ND	See Note 1
GEW-049	10/12/2015	54	39	ND	6.2	0.1	ND	
GEW-049	11/10/2015	46	37	ND	15	0.1	ND	
GEW-050	9/10/2015	56	39	ND	4.4	0.1	ND	
GEW-050	11/10/2015	48	37	ND	13	ND	ND	
GEW-051	7/10/2015	55	41	ND	ND	1	ND	
GEW-051	9/10/2015	54	41	ND	ND	1	ND	
GEW-051	11/10/2015	53	42	ND	3.3	1	ND	
GEW-052	7/10/2015	49	39	ND	11	ND	ND	
GEW-052	9/10/2015	52	39	ND	8.1	0.1	ND	
GEW-052	11/11/2015	43	37	1.7	18	0.04	ND	See Note 1 and 3
GEW-053	7/10/2015	49	40	2	6	3.3	41	
GEW-053	8/13/2015	51	41	ND	ND	5.2	59	
GEW-053	9/11/2015	49	41	ND	ND	5.7	63	
GEW-053	10/12/2015	50	41	ND	ND	5.7	64	
GEW-053	11/11/2015	49	42	ND	3.3	4.8	55	
GEW-054	7/10/2015	50	43	ND	ND	4.2	ND	
GEW-054	8/13/2015	54	41	ND	ND	3	33	
GEW-054	9/11/2015	51	41	ND	ND	4.3	34	
GEW-054	10/28/2015	52	41	ND	3.5	2.2	ND	
GEW-054	11/11/2015	52	43	ND	ND	2.6	ND	
GEW-055	7/10/2015	51	40	1.8	6.4	1.5	39	
GEW-055	8/13/2015	54	41	ND	ND	1.5	ND	
GEW-055	9/10/2015	48	39	2.6	9.4	1.4	ND	
GEW-055	10/12/2015	50	40	2	7.3	1.4	30	See Note 3
GEW-055	11/11/2015	52	43	ND	3.2	1.2	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. (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.

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
							(ppm)	
South Quarry								
GEW-010	7/9/2015	52	43	ND	3.3	0.2	ND	
GEW-010	8/6/2015	49	36	2.9	11	0.2	ND	See Note 1
GEW-010	9/11/2015	40	39	4.3	16	0.6	78	
GEW-010	10/14/2015	42	44	2.9	11	0.6	79	See Note 4
GEW-010	11/11/2015	53	42	ND	3.9	0.6	50	
GEW-011	7/22/2015	3	61	ND	ND	32	2,300	See Note 2
GEW-022R	9/21/2015	0.9	65	ND	ND	29	4,100	
GEW-022R	11/12/2015	0.8	65	ND	ND	30	4,800	
GEW-028R	7/9/2015	0.4	40	8.1	29	22	2,700	
GEW-028R	7/22/2015	19	45	6.4	23	23	2,700	See Note 2
GEW-028R	11/13/2015	0.1	59	ND	4.9	34	3,600	
GEW-038	7/9/2015	0.4	45	5.8	21	27	2,400	
GEW-038	8/6/2015	0.2	47	4.5	16	31	3,100	
GEW-038	9/11/2015	0.3	46	5.4	19	28	3,000	
GEW-038	10/14/2015	0.3	45	5.6	20	28	3,000	See Note 4
GEW-038	11/11/2015	0.2	33	9.8	35	21	2,100	
GEW-039	7/9/2015	36	51	ND	7.2	4.2	280	
GEW-039	7/22/2015	37	51	ND	6.9	3.4	280	See Note 2
GEW-039	8/6/2015	40	52	ND	ND	4.2	200	
GEW-039	9/11/2015	39	52	ND	4.8	2.3	190	
GEW-039	10/14/2015	39	53	ND	3.9	2.4	170	
GEW-039	11/11/2015	39	55	ND	ND	2.7	170	
GEW-056R	7/9/2015	7.1	31	5.6	44	12	1,100	
GEW-056R	8/6/2015	2.2	52	ND	4.9	38	2,100	
GEW-056R	9/11/2015	0.6	56	ND	ND	39	2,400	
GEW-056R	10/14/2015	12	42	ND	23	22	1,300	
GEW-056R	11/11/2015	14	42	ND	24	18	1,100	
GEW-057R	7/9/2015	0.5	55	ND	ND	40	2,500	
GEW-057R	9/18/2015	0.4	52	ND	5.4	38	2,400	
GEW-057R	11/11/2015	0.5	53	ND	3.8	40	2,800	
GEW-058	7/9/2015	4	55	ND	ND	37	2,200	
GEW-058	9/18/2015	0.3	46	4	14	33	2,400	
GEW-058	11/11/2015	3.5	48	3.6	14	30	2,100	
GEW-058A	7/9/2015	0.4	49	2.3	8.2	39	2,700	
GEW-058A	9/18/2015	5.1	55	ND	3.6	34	2,400	
GEW-058A	11/11/2015	0.4	49	3.3	12	35	2,500	
GEW-059R	7/9/2015	0.4	52	ND	ND	43	1,900	
GEW-059R	9/18/2015	1.5	51	ND	ND	41	1,700	
GEW-059R	11/11/2015	0.8	51	ND	4.4	41	1,800	
GEW-065A	7/9/2015	0.4	45	5.5	20	28	2,800	
GEW-065A	7/22/2015	0.5	58	ND	ND	37	2,900	See Note 2
GEW-065A	9/21/2015	0.4	57	ND	3.7	36	3,100	
GEW-065A	11/12/2015	0.4	58	ND	ND	37	3,200	
GEW-082R	7/9/2015	1	55	ND	ND	40	2,100	
GEW-082R	9/21/2015	0.8	53	ND	3.7	40	2,200	
GEW-082R	11/12/2015	0.9	55	ND	ND	40	2,300	
GEW-086	7/9/2015	13	46	3.2	17	20	1,200	
GEW-086	9/18/2015	12	36	5.3	40	5.6	520	
GEW-086	11/12/2015	10	34	8.7	44	2.7	430	
GEW-090	7/9/2015	4.1	50	ND	3.4	41	2,100	
GEW-090	9/18/2015	5	51	ND	ND	40	2,200	
GEW-090	11/12/2015	5.5	49	ND	3.6	40	2,200	
GEW-102	11/13/2015	2.1	59	ND	3.3	34	2,100	
GEW-104	11/13/2015	0.4	43	5.7	21	29	1,500	
GEW-109	7/9/2015	4	52	ND	10	32	1,700	

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)						
GEW-109	7/22/2015	4.2	52	ND	10	31	1,900	See Note 2
GEW-109	8/6/2015	2.7	50	ND	11	33	2,200	
GEW-109	9/11/2015	4.8	49	2.5	14	28	2,000	See Note 1
GEW-109	10/14/2015	5.3	50	ND	12	30	2,000	
GEW-109	11/11/2015	5.6	60	ND	ND	31	2,400	
GEW-110	8/6/2015	1.4	8.8	18	69	2.6	320	
GEW-110	9/11/2015	7.7	23	11	52	6.6	570	
GEW-110	10/15/2015	3.8	15	14	62	5.2	380	See Note 4
GEW-110	11/11/2015	7.8	43	4.1	23	22	1,400	
GEW-116	11/12/2015	2.8	50	6.2	22	17	1,800	
GEW-117	7/9/2015	10	65	ND	ND	20	1,900	
GEW-117	9/18/2015	4	69	ND	ND	22	2,700	
GEW-117	11/12/2015	3.7	66	ND	4.8	22	2,600	
GEW-120	7/15/2015	26	68	ND	ND	2.2	230	
GEW-120	9/15/2015	11	65	ND	5.1	17	1,600	
GEW-120	11/12/2015	7.6	68	ND	ND	21	2,100	
GEW-121	7/14/2015	2.4	58	ND	3.3	17	2,200	
GEW-121	9/15/2015	2.2	53	2.7	9.5	31	2,800	
GEW-121	11/12/2015	2.3	46	5	18	28	2,200	See Note 3
GEW-122	9/15/2015	5.2	50	2.3	8.3	32	2,500	
GEW-122	11/12/2015	5.3	55	ND	ND	35	2,800	
GEW-123	7/15/2015	5.6	61	ND	3.6	28	2,700	
GEW-123	7/22/2015	ND	64	ND	ND	25	2,800	See Note 2
GEW-123	9/15/2015	6.6	55	3.1	11	23	3,500	
GEW-123	11/12/2015	1.6	51	4.9	17	24	3,200	See Note 3
GEW-124	7/13/2015	16	61	ND	4.2	17	1,400	
GEW-124	7/22/2015	19	63	ND	ND	14	1,600	See Note 2
GEW-124	7/31/2015	22	65	ND	4.2	11	1,800	
GEW-124	9/15/2015	8.3	56	2.7	9.8	22	2,000	
GEW-124	11/13/2015	7	61	ND	ND	28	2,100	
GEW-125	9/18/2015	1.7	57	ND	ND	36	3,200	
GEW-125	11/12/2015	0.5	59	ND	ND	36	3,600	
GEW-126	9/15/2015	5.5	54	ND	ND	36	3,700	
GEW-126	11/12/2015	8.2	54	ND	ND	33	3,300	
GEW-127	7/14/2015	0.7	63	ND	ND	31	3,800	
GEW-127	11/13/2015	0.4	62	ND	ND	33	4,100	
GEW-128	7/14/2015	1.3	62	ND	ND	30	3,200	
GEW-128	11/13/2015	0.7	61	ND	ND	34	3,800	
GEW-129	7/14/2015	1.3	52	3.0	11	31	2,700	
GEW-129	9/15/2015	1.8	58	ND	3.4	34	3,500	
GEW-129	11/13/2015	0.7	58	ND	3.3	36	3,400	
GEW-131	7/14/2015	16	51	ND	3.6	27	1,700	
GEW-131	9/15/2015	20	44	2.4	8.8	23	1,500	
GEW-131	11/12/2015	20	47	ND	4.6	26	1,700	
GEW-132	7/15/2015	13	52	1.9	9.3	23	1,200	
GEW-132	11/12/2015	6.9	43	5.9	26	17	1,200	
GEW-133	11/12/2015	0.4	53	3	11	32	3,800	
GEW-134	7/14/2015	10	55	ND	9.7	22	1,700	
GEW-134	9/18/2015	17	57	ND	10	15	990	
GEW-134	11/12/2015	11	43	5.8	28	11	770	See Note 1 and 3
GEW-135	7/14/2015	3.9	57	ND	ND	33	1,900	
GEW-135	9/14/2015	3.8	51	2.7	9.8	31	1,900	
GEW-135	9/18/2015	4.7	56	ND	4.9	32	2,000	See Note 2
GEW-135	11/13/2015	4.8	47	4.2	15	28	1,500	See Note 3
GEW-137	11/12/2015	11	29	6.6	52	0.6	71	See Note 3

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)						
GEW-138	7/14/2015	4.9	42	3	28	20	2,000	
GEW-138	9/14/2015	11	49	1.7	21	16	1,400	
GEW-138	9/18/2015	11	43	2.4	31	11	960	See Note 2
GEW-138	11/12/2015	2.8	23	10	56	8	670	
GEW-139	7/14/2015	0.5	60	ND	ND	35	4,200	
GEW-139	9/14/2015	14	49	3.5	19	14	1,000	
GEW-139	9/15/2015	0.5	59	ND	4.1	34	4,600	See Note 2
GEW-139	11/13/2015	0.9	47	4	19	29	3,300	
GEW-140	7/14/2015	10	57	ND	ND	29	2,500	
GEW-140	7/22/2015	10	56	ND	ND	28	2,400	See Note 2
GEW-141	7/15/2015	4.2	64	ND	3.5	26	2,900	
GEW-141	9/15/2015	2	61	ND	ND	32	3,700	
GEW-141	11/13/2015	1.7	60	1.6	5.5	30	3,500	See Note 1 and 3
GEW-142	11/13/2015	0.2	51	4.1	15	29	3,500	
GEW-143	7/14/2015	0.2	53	ND	ND	40	3,300	
GEW-143	9/15/2015	0.3	46	2.5	9.1	41	3,500	
GEW-143	11/13/2015	0.2	49	3.3	12	35	3,200	
GEW-144	11/13/2015	0.8	56	1.9	6.6	33	3,500	
GEW-145	11/13/2015	1.7	52	2.9	10	32	2,700	See Note 3
GEW-146	11/12/2015	3.1	18	13	64	2	220	
GEW-147	7/14/2015	3	53	ND	5	36	2,200	
GEW-147	9/15/2015	4.9	52	ND	3.6	37	2,200	
GEW-147	11/13/2015	5.1	51	ND	3.6	38	2,300	
GEW-149	11/12/2015	9.6	55	2.4	14	18	1,600	
GEW-150	11/13/2015	9	60	2	7.9	20	1,600	
GEW-151	9/15/2015	5.7	50	3.4	14	26	1,800	
GEW-151	11/12/2015	11	56	ND	ND	28	2,200	
GEW-152	7/15/2015	5.8	52	ND	ND	37	2,900	
GEW-152	9/15/2015	5.9	51	ND	3.4	38	3,000	
GEW-152	11/13/2015	4.1	49	2.3	8.2	35	2,900	See Note 1 and 3
GEW-153	7/15/2015	20	47	2	15	15	920	
GEW-153	9/15/2015	20	38	ND	31	9.3	340	
GEW-153	11/13/2015	20	45	ND	19	15	580	
GEW-155	7/15/2015	5.8	49	2.5	21	21	1,100	
GEW-156	11/12/2015	4.6	37	9.1	40	9.4	1,100	
GIW-01	7/15/2015	1.6	67	ND	ND	28	3,000	
GIW-01	8/6/2015	1.6	66	ND	ND	28	3,300	
GIW-01	9/11/2015	2.7	67	ND	ND	25	2,600	
GIW-01	10/14/2015	1.4	56	3.7	13	24	2,800	See Note 1 and 3
GIW-01	11/13/2015	2.6	66	ND	4.4	25	2,700	
GIW-02	7/15/2015	0.6	65	ND	ND	31	3,400	
GIW-02	8/6/2015	0.4	59	3.4	12	24	2,900	
GIW-02	9/11/2015	5.2	63	ND	3.1	27	2,500	
GIW-02	10/14/2015	7.8	63	ND	ND	25	2,300	
GIW-02	11/13/2015	4.7	22	12	55	5.8	370	See Note 1
GIW-03	7/15/2015	0.3	37	9.5	34	19	2,200	
GIW-03	8/6/2015	0.3	50	4.5	16	28	2,900	
GIW-03	9/11/2015	0.4	60	ND	ND	36	3,400	
GIW-03	10/14/2015	0.3	41	7.5	27	24	2,300	See Note 4
GIW-03	11/13/2015	0.2	38	8.3	30	23	2,200	
GIW-04	7/15/2015	0.5	52	2	7.2	38	2,800	
GIW-04	8/6/2015	0.7	54	ND	ND	42	2,800	
GIW-04	9/11/2015	0.6	43	4.2	15	36	2,100	
GIW-04	10/14/2015	0.5	43	4.4	16	36	2,200	See Note 4

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
							(ppm)	
GIW-04	11/13/2015	0.5	41	5	18	35	2,200	
GIW-05	7/15/2015	1.6	41	6.6	24	26	1,800	
GIW-05	8/6/2015	2.5	58	ND	ND	35	2,200	
GIW-05	9/11/2015	2.4	48	4.4	16	28	1,900	
GIW-05	10/14/2015	1.9	32	10.0	37	18	1,100	See Note 4
GIW-05	11/13/2015	2.6	58	ND	ND	37	1,900	
GIW-06	7/15/2015	0.8	63	ND	ND	33	1,800	
GIW-06	8/6/2015	0.8	61	ND	ND	34	2,100	
GIW-06	9/11/2015	0.9	59	ND	3.9	34	2,000	
GIW-06	10/14/2015	0.9	57	1.7	6.1	34	1,700	See Note 4
GIW-06	11/13/2015	0.9	56	1.8	6.2	34	1,700	
GIW-07	7/15/2015	21	65	ND	ND	11	990	
GIW-07	8/6/2015	23	60	ND	3.7	12	1,200	
GIW-07	9/11/2015	25	56	2.5	8.8	7.5	730	
GIW-07	10/14/2015	31	54	1.7	5.8	7.1	700	See Note 4
GIW-07	11/13/2015	30	53	2.2	7.9	6.9	660	
GIW-08	7/15/2015	17	53	5.5	23	2	460	
GIW-08	8/6/2015	18	48	6.9	25	2.4	590	
GIW-08	9/11/2015	13	45	3.6	37	1.1	300	
GIW-08	10/14/2015	19	62	2.8	12	5.0	740	See Note 4
GIW-08	11/13/2015	19	56	4	15	5.4	740	
GIW-09	7/15/2015	12	44	3.3	30	10	850	
GIW-09	8/6/2015	15	36	6.7	35	6.8	590	
GIW-09	9/11/2015	2.5	17	12	64	4.2	400	
GIW-09	10/14/2015	3	13	15	66	2.2	260	See Note 4
GIW-09	11/13/2015	3.9	13	16	64	2.4	220	
GIW-10	7/15/2015	0.3	35	7.2	26	31	3,500	
GIW-10	8/6/2015	0.4	38	5.6	21	35	3,500	
GIW-10	9/11/2015	0.3	54	ND	ND	43	3,300	
GIW-10	10/14/2015	3.6	51	ND	ND	42	2,900	
GIW-10	11/13/2015	1.3	50	ND	4.5	42	3,200	
GIW-11	7/15/2015	34	3.1	8	37	18	1,600	
GIW-11	8/6/2015	1.7	52	3.1	13	30	3,000	
GIW-11	9/11/2015	2.9	44	5.4	24	23	2,200	
GIW-11	10/14/2015	2.9	47	4.8	19	26	2,500	See Note 4
GIW-11	11/13/2015	3.2	48	4.2	17	27	2,500	
GIW-12	7/15/2015	5.1	20	11	60	4.1	490	
GIW-12	8/6/2015	6.7	24	8.9	54	5.3	470	
GIW-12	9/11/2015	7.1	23	9.4	55	5.2	440	
GIW-12	10/14/2015	5.2	20	11	57	5.9	510	See Note 4
GIW-12	11/13/2015	4.3	21	12	56	6.5	530	
GIW-13	7/15/2015	1.4	60	ND	ND	34	2,800	
GIW-13	8/6/2015	2.9	62	ND	ND	31	2,800	
GIW-13	9/11/2015	10	62	ND	5.6	20	1,600	
GIW-13	10/14/2015	8.5	57	ND	7	25	2,000	
GIW-13	11/13/2015	4.3	63	ND	3.2	28	2,500	

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
							(%)	
Flare Station ²	7/1/2015	8.1	31	10	40	10	1,400	
Flare Station ²	8/11/2015	9.5	32	9.1	38	10	1,500	
Flare Station ²	9/1/2015	7.9	29.7	10.3	41.7	9.2	870	See Note 5
Flare Station ²	10/6/2015	9.4	33.3	9.0	37.0	9.9	933	See Note 5
Flare Station ²	11/3/2015	10.7	37.3	8.0	32.0	10.7	1,100	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 FL-100, FL-120, and FL-140.

ND = Analyte not detected in sample.

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