September 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	9/7/2016 10:58	53.9	39.9	0.8	5.4	122.1		27	28	-0.7	-0.8	-12.2
GEW-002	9/7/2016 11:08	56.1	40.2	0.3	3.4	121.2		25	26	-0.6	-0.6	-11.7
GEW-002	9/15/2016 11:11	60.0	39.5	0.5	0.0	121.0		67	67	-0.5	-0.5	-11.9
GEW-002	9/21/2016 11:49	54.1	38.9	0.5	6.5	123.1		39	38	-0.9	-0.9	-10.6
GEW-002	9/21/2016 11:52	53.6	40.0	0.8	5.6	122.7		33	29	-0.7	-0.7	-11.3
GEW-002	9/28/2016 9:22	53.9	40.4	0.4	5.3	120.5		0	0	-0.8	-0.8	-11.1
GEW-002	9/29/2016 10:00	55.4	39.3	0.2	5.1	121.0		31	31	-0.7	-0.7	-12.6
GEW-002	9/29/2016 10:02	55.6	40.6	0.0	3.8	121.0		29	29	-0.5	-0.5	-12.2
GEW-003	9/7/2016 11:15	52.6	39.7	0.3	7.4	115.5		6	12	0.0	0.0	-11.6
GEW-003	9/7/2016 11:27	52.6	39.8	0.3	7.3	115.7		8	8	0.0	0.0	-11.4
GEW-003	9/15/2016 11:15	58.8	38.6	0.2	2.4	115.7		55	55	-0.2	-0.2	-11.3
GEW-003	9/21/2016 13:16	54.3	39.2	0.1	6.4	116.7		17	16	-0.3	-0.3	-10.8
GEW-003	9/28/2016 9:26	54.5	39.4	0.0	6.1	114.4		0	9	-0.9	-1.0	-11.4
GEW-003	9/29/2016 10:06	55.0	40.0	0.0	5.0	114.8		14	7	-0.7	-0.7	-12.2
GEW-003	9/29/2016 10:08	54.9	40.1	0.0	5.0	113.2		0	0	-0.7	-0.7	-12.1
GEW-004	9/7/2016 11:36	53.9	40.0	0.3	5.8	118.6		10	10	0.0	0.0	-11.7
GEW-004	9/7/2016 11:43	54.2	40.5	0.3	5.0	119.9		0	0	-0.1	-0.1	-11.3
GEW-004	9/15/2016 11:17	59.3	39.3	0.1	1.3	119.1		58	58	-0.2	-0.2	-11.4
GEW-004	9/21/2016 13:21	55.1	38.8	0.0	6.1	120.5		17	12	-0.3	-0.3	-10.8
GEW-004	9/28/2016 9:30	55.0	40.2	0.0	4.8	120.0		11	11	-1.0	-1.0	-11.5
GEW-004	9/29/2016 10:13	56.2	38.6	0.0	5.2	118.4		0	10	-0.7	-0.7	-12.4
GEW-004	9/29/2016 10:15	54.6	40.0	0.0	5.4	116.3		11	7	-0.6	-0.6	-12.6
GEW-005	9/8/2016 8:18	52.9	37.4	0.0	9.7	95.3		9	11	-0.3	-0.3	-12.0
GEW-005	9/8/2016 8:25	53.0	36.3	0.0	10.7	95.3		20	20	-0.3	-0.3	-11.7
GEW-005	9/15/2016 11:43	58.2	37.6	0.2	4.0	96.7		56	57	-0.1	-0.1	-11.1
GEW-005	9/21/2016 13:39	52.6	37.2	0.1	10.1	96.5		12	12	-0.2	-0.2	-10.6
GEW-005	9/28/2016 9:47	48.7	36.6	0.0	14.7	91.3		0	0	-0.8	-0.8	-11.2
GEW-005	9/29/2016 10:33	48.1	36.7	0.0	15.2	91.0		12	10	-0.5	-0.5	-12.2
GEW-006	9/8/2016 8:51	57.4	39.4	0.0	3.2	91.2		0	0	-0.4	-0.4	-11.7
GEW-006	9/8/2016 8:58	58.4	38.0	0.0	3.6	91.2		4	7	-0.4	-0.4	-11.3
GEW-006	9/15/2016 13:14	62.0	34.9	0.1	3.0	93.4		7	6	0.2	0.1	-11.6
GEW-006	9/15/2016 13:16	62.9	37.1	0.0	0.0	93.4		0	15	0.1	-0.2	-11.1
GEW-006	9/21/2016 13:50	52.0	36.5	0.1	11.4	91.1		20	20	-0.5	-0.6	-11.1
GEW-006	9/28/2016 9:55	46.8	35.7	0.0	17.5	87.2		22	12	-1.3	-1.2	-11.8
GEW-006	9/28/2016 9:58	46.3	37.1	0.0	16.6	87.2		20	19	-1.2	-1.2	-11.4
GEW-006	9/29/2016 10:43	45.7	37.0	0.0	17.3	87.2		24	14	-0.9	-0.9	-11.4
GEW-006	9/29/2016 10:45	46.1	36.8	0.0	17.1	86.9		6	9	-0.8	-0.8	-12.3
GEW-007	9/9/2016 8:41	57.6	40.4	0.0	2.0	95.2		50	50	-1.1	-1.1	-12.4
GEW-007	9/12/2016 10:35	56.0	41.1	0.0	2.9	98.1		33	32	-0.8	-0.8	-11.8
GEW-007	9/12/2016 10:40	56.6	39.9	0.1	3.4	98.1		38	39	-0.8	-0.8	-11.9
GEW-007	9/21/2016 16:10	56.9	38.8	0.0	4.3	100.6		9	8	-0.6	-0.6	-10.7
GEW-007	9/29/2016 13:11	57.3	39.1	0.0	3.6	95.5		52	50	-1.2	-1.2	-12.2
GEW-007	9/29/2016 13:14	57.6	41.0	0.0	1.4	95.0		6	6	-0.9	-0.9	-12.4

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Well Name	Date Sampled	Methane	CO_2	O_2	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H_2O		
GEW-008	9/9/2016 8:45	52.1	44.0	0.0	3.9	111.3		16	13	-0.5	-0.5	-12.5
GEW-008	9/12/2016 10:45	50.9	44.2	0.1	4.8	112.5		14	15	-0.4	-0.4	-11.8
GEW-008	9/12/2016 10:50	51.6	43.6	0.1	4.7	112.5		11	15	-0.4	-0.4	-11.7
GEW-008	9/21/2016 16:15	52.6	42.4	0.1	4.9	115.0		15	16	-0.4	-0.4	-10.5
GEW-008	9/29/2016 13:19	53.2	42.4	0.0	4.4	113.5		10	12	-0.6	-0.6	-12.3
GEW-009	9/9/2016 8:49	53.2	42.6	0.0	4.2	122.9		28	28	-0.2	-0.2	-18.1
GEW-009	9/12/2016 10:54	51.7	42.6	0.1	5.6	124.0		25	24	-0.2	-0.2	-17.5
GEW-009	9/12/2016 11:00	52.0	41.6	0.1	6.3	123.7		25	23	-0.2	-0.2	-18.3
GEW-009	9/21/2016 16:20	50.2	41.4	0.1	8.3	126.4		0	3	-0.2	-0.2	-18.6
GEW-009	9/29/2016 13:23	49.0	42.1	0.0	8.9	123.9		0	0	-0.3	-0.3	-18.7
GEW-010	9/6/2016 14:25	57.6	38.8	0.1	3.5	108.0		4	4	-0.4	-0.3	-17.7
GEW-010	9/6/2016 14:31	55.4	44.2	0.1	0.3	106.5		4	3	-0.2	-0.3	-17.7
GEW-010	9/15/2016 9:41	59.4	40.3	0.3	0.0	91.5		25	25	-0.5	-0.5	-18.0
GEW-010	9/15/2016 9:43	59.1	40.6	0.3	0.0	92.1		27	27	-0.5	-0.5	-17.5
GEW-010	9/21/2016 9:48	54.9	44.6	0.2	0.3	88.4		2	2	-0.3	-0.3	-17.8
GEW-010	9/27/2016 14:40	54.6	44.5	0.1	0.8	89.8		1	1	-0.1	-0.2	-17.6
GEW-013A	9/23/2016 10:05	8.5	31.0	7.2	53.3	172.7		NFD		-0.4	-0.3	-16.9
GEW-013A	9/23/2016 10:05	9.2	41.1	6.9	42.8	172.6		NFD		-0.2	-0.3	-16.2
GEW-022R	9/14/2016 13:19	1.1	58.3	1.6	39.0	180.3		7	7	-13.8	-13.8	-14.2
GEW-022R	9/14/2016 13:26	0.9	58.7	1.6	38.8	178.4		1	1	-14.3	-14.3	-14.5
GEW-028R	9/13/2016 10:02	0.0	0.8	20.5	78.7	92.2		5	22	-9.7	-9.2	-9.6
GEW-028R	9/13/2016 10:04	0.0	0.9	20.3	78.8	91.4		5	7	-9.3	-8.8	-9.4
GEW-038	9/6/2016 9:54	0.9	58.0	2.3	38.8	94.8		3	3	-0.2	-0.2	-8.8
GEW-038	9/6/2016 10:00	0.7	56.4	1.5	41.4	96.2		5	4	-0.1	-0.1	-9.4
GEW-038	9/15/2016 8:16	1.9	51.7	4.7	41.7	83.8		15	15	-4.0	-4.0	-18.3
GEW-038	9/21/2016 8:44	3.0	56.9	2.8	37.3	86.3		1	1	-1.8	-1.8	-8.5
GEW-038	9/27/2016 13:53	6.0	53.8	2.5	37.7	88.2		15	10	-7.7	-7.7	-17.8
GEW-039	9/6/2016 10:15	45.6	53.5	0.4	0.5	125.4		3	4	-0.2	-0.2	-17.1
GEW-039	9/6/2016 10:21	45.2	52.3	0.4	2.1	126.0		18	13	-0.2	-0.2	-16.9
GEW-039	9/15/2016 8:24	43.2	52.7	0.1	4.0	125.1		7	10	-0.3	-0.3	-17.9
GEW-039	9/21/2016 8:59	42.8	51.1	0.2	5.9	126.9		19	13	-0.3	-0.3	-18.5
GEW-039	9/27/2016 14:05	41.7	50.8	0.1	7.4	126.4		10	10	-0.2	-0.2	-18.1
GEW-040	9/7/2016 8:17	57.5	41.5	0.0	1.0	95.2		10	10	-0.6	-0.6	-12.1
GEW-040	9/7/2016 8:27	57.7	41.0	0.0	1.3	95.4		46	45	-0.7	-0.7	-11.9
GEW-040	9/15/2016 10:39	61.3	38.6	0.1	0.0	96.9		71	71	-0.7	-0.7	-11.5
GEW-040	9/21/2016 10:59	58.6	40.1	0.2	1.1	96.5		9	9	-0.7	-0.7	-11.6
GEW-040	9/28/2016 8:16	55.1	41.6	0.6	2.7	91.3		6	7	-0.7	-0.7	-11.7
GEW-040	9/28/2016 8:19	55.2	39.2	0.4	5.2	91.2		41	40	-0.6	-0.6	-11.8
GEW-040	9/29/2016 8:43	56.2	39.1	0.0	4.7	89.8		25	24	-0.6	-0.6	-12.7
GEW-040	9/29/2016 8:45	57.9	40.0	0.0	2.1	89.4		10	11	-0.5	-0.5	-11.9
GEW-041R	9/7/2016 8:43	55.7	39.3	0.4	4.6	105.0		9	7	-0.5	-0.5	-9.6
GEW-041R	9/7/2016 8:51	56.2	39.4	0.4	4.0	105.0		42	43	-0.5	-0.5	-9.2
GEW-041R	9/15/2016 10:45	54.7	34.9	0.4	10.0	107.4		73	59	-2.0	-1.6	-6.5

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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-041R	9/15/2016 10:47	53.4	37.0	0.4	9.2	107.2		61	61	-1.6	-1.6	-7.6
GEW-041R	9/21/2016 11:08	39.8	33.5	0.4	26.3	107.7		27	27	-1.5	-1.5	-6.0
GEW-041R	9/21/2016 11:10	40.1	33.5	0.4	26.0	107.8		20	27	-1.4	-1.5	-6.0
GEW-041R	9/28/2016 8:23	40.4	34.4	0.7	24.5	106.7		28	29	-2.0	-1.9	-7.2
GEW-041R	9/28/2016 8:26	40.8	33.6	0.7	24.9	106.2		20	19	-1.6	-1.6	-8.9
GEW-041R	9/29/2016 8:49	41.9	35.0	0.2	22.9	105.7		22	26	-1.3	-1.3	-9.2
GEW-041R	9/29/2016 8:52	42.1	34.6	0.5	22.8	104.3		0	0	-1.0	-1.0	-9.6
GEW-042R	9/7/2016 9:00	54.6	42.0	0.1	3.3	96.1		0	0	0.7	0.7	0.9
GEW-042R	9/7/2016 9:08	55.6	41.6	0.1	2.7	98.0		9	7	0.7	0.7	1.2
GEW-042R	9/15/2016 10:51	56.5	31.4	0.4	11.7	108.1		41	41	-0.5	-0.5	-8.2
GEW-042R	9/21/2016 11:16	53.5	40.1	0.2	6.2	109.7		4	2	-0.8	-0.8	-7.7
GEW-042R	9/28/2016 8:32	50.4	40.2	0.8	8.6	104.4		30	27	-1.2	-1.2	-9.9
GEW-042R	9/28/2016 8:35	50.8	40.1	0.7	8.4	103.8		0	0	-1.0	-1.1	-9.3
GEW-042R	9/29/2016 8:56	55.0	38.9	0.0	6.1	101.1		23	23	-0.9	-0.9	-10.2
GEW-042R	9/29/2016 8:58	53.7	41.3	0.0	5.0	99.1		0	0	-0.6	-0.6	-11.0
GEW-043R	9/7/2016 9:19	53.9	41.4	0.3	4.4	128.4		21	24	-1.0	-1.0	-12.2
GEW-043R	9/7/2016 9:27	54.4	41.8	0.3	3.5	128.4		22	21	-1.0	-1.0	-11.6
GEW-043R	9/15/2016 10:56	60.0	39.3	0.3	0.4	129.0		52	50	-1.0	-1.0	-11.4
GEW-043R	9/21/2016 11:22	51.4	40.0	0.4	8.2	130.0		23	23	-1.6	-1.6	-10.8
GEW-043R	9/21/2016 11:24	51.2	39.9	0.4	8.5	130.0		18	20	-1.6	-1.6	-11.0
GEW-043R	9/28/2016 8:54	51.6	39.9	0.7	7.8	128.6		27	28	-1.9	-1.9	-11.7
GEW-043R	9/28/2016 8:57	50.4	39.4	0.9	9.3	127.2		23	23	-1.6	-1.6	-11.8
GEW-043R	9/29/2016 9:02	53.3	39.7	0.0	7.0	129.7		19	16	-1.1	-1.1	-12.2
GEW-043R	9/29/2016 9:04	52.6	40.7	0.1	6.6	129.1		20	22	-0.9	-0.9	-12.6
GEW-044	9/7/2016 9:36	56.7	40.4	0.1	2.8	93.7		0	5	-0.4	-0.4	-2.8
GEW-044	9/7/2016 9:44	57.3	40.5	0.1	2.1	93.8		5	0	-0.3	-0.3	-2.2
GEW-044	9/15/2016 11:00	61.9	38.0	0.1	0.0	90.3		54	54	-0.3	-0.3	-1.5
GEW-044	9/21/2016 11:29	52.6	38.4	0.2	8.8	93.6		5	5	-1.9	-2.0	-7.4
GEW-044	9/21/2016 11:33	52.7	38.0	0.2	9.1	93.6		28	28	-1.9	-1.9	-4.1
GEW-044	9/28/2016 9:06	50.5	38.9	0.3	10.3	84.2		0	0	-2.3	-2.2	-6.6
GEW-044	9/29/2016 9:46	51.2	36.7	0.1	12.0	78.8		0	0	-1.5	-1.5	-6.3
GEW-045R	9/7/2016 9:54	54.6	42.1	0.2	3.1	100.4		2	2	-0.1	-0.1	-11.8
GEW-045R	9/7/2016 10:02	54.8	41.8	0.2	3.2	100.6		6	6	-0.2	-0.2	-11.8
GEW-045R	9/15/2016 11:05	60.1	39.3	0.2	0.4	96.9		56	57	0.0	0.0	-11.3
GEW-045R	9/21/2016 11:39	53.5	40.9	0.6	5.0	98.7		3	3	-0.7	-0.7	-10.6
GEW-045R	9/28/2016 9:13	54.6	41.0	0.1	4.3	90.1		3	0	-1.0	-1.0	-11.3
GEW-045R	9/29/2016 9:50	57.0	38.4	0.2	4.4	78.7		7	5	-1.9	-1.9	-12.4
GEW-045R	9/29/2016 9:52	56.0	38.7	0.4	4.9	77.3		4	6	-1.1	-1.1	-12.3
GEW-046R	9/7/2016 10:41	54.7	40.5	0.2	4.6	101.3		36	36	-0.3	-0.2	-12.0
GEW-046R	9/7/2016 10:48	55.4	40.3	0.2	4.1	101.4		12	8	-0.2	-0.2	-11.8
GEW-046R	9/15/2016 11:08	59.8	40.1	0.1	0.0	100.4		59	60	-0.2	-0.2	-11.4
GEW-046R	9/21/2016 11:45	54.6	39.7	0.3	5.4	100.5		8	7	-0.2	-0.2	-11.0
GEW-046R	9/28/2016 9:18	55.9	40.1	0.0	4.0	97.5		0	0	-0.6	-0.6	-11.8

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Well Name	Date Sampled	Methane	CO_2	O_2	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H_2O		
GEW-046R	9/29/2016 9:56	56.9	38.3	0.0	4.8	97.5		0	0	-0.5	-0.5	-12.4
GEW-047R	9/8/2016 7:58	51.5	39.1	0.0	9.4	116.2		12	10	-0.5	-0.5	-11.9
GEW-047R	9/8/2016 8:06	51.7	38.8	0.0	9.5	116.0		37	39	-0.4	-0.4	-11.3
GEW-047R	9/15/2016 11:41	57.5	38.6	0.2	3.7	113.4		64	67	-0.2	-0.2	-11.3
GEW-047R	9/21/2016 13:33	41.8	36.2	0.1	21.9	115.3		0	0	-0.5	-0.4	-10.8
GEW-047R	9/28/2016 9:39	35.2	35.5	0.0	29.3	112.2		0	0	-1.0	-1.1	-11.3
GEW-047R	9/28/2016 9:43	35.8	34.9	0.0	29.3	109.0		6	5	-0.9	-0.9	-11.3
GEW-047R	9/29/2016 10:21	39.4	36.4	0.0	24.2	103.3		0	0	-0.6	-0.6	-11.9
GEW-047R	9/29/2016 10:29	38.9	34.0	0.0	27.1	99.9		7	5	-0.6	-0.6	-12.1
GEW-048	9/8/2016 8:35	56.7	39.8	0.0	3.5	105.0		0	0	-0.5	-0.5	-8.6
GEW-048	9/8/2016 8:43	57.1	37.5	0.0	5.4	104.8		27	28	-0.5	-0.5	-8.3
GEW-048	9/15/2016 11:47	62.4	37.5	0.2	0.0	105.0		67	68	-0.2	-0.2	-8.5
GEW-048	9/21/2016 13:44	55.5	39.0	0.1	5.4	105.7		12	16	-0.3	-0.3	-5.1
GEW-048	9/28/2016 9:51	54.6	37.3	0.0	8.1	103.4		14	14	-1.0	-1.0	-7.0
GEW-048	9/29/2016 10:37	54.3	39.0	0.0	6.7	102.5		15	16	-0.7	-0.7	-9.6
GEW-048	9/29/2016 10:39	53.8	39.3	0.0	6.9	102.3		11	12	-0.7	-0.7	-6.7
GEW-049	9/8/2016 9:08	53.4	39.2	0.0	7.4	110.2		7	3	-0.3	-0.3	-2.2
GEW-049	9/8/2016 9:15	53.3	38.9	0.0	7.8	109.7		0	0	-0.4	-0.4	-2.6
GEW-049	9/15/2016 13:26	61.5	38.5	0.0	0.0	109.2		50	30	0.3	0.2	-2.0
GEW-049	9/15/2016 13:27	62.3	37.7	0.0	0.0	111.6		36	39	0.1	-0.1	-1.5
GEW-049	9/21/2016 13:58	43.8	34.6	0.9	20.7	110.2		68	73	-3.2	-3.2	-6.7
GEW-049	9/21/2016 14:00	43.1	34.6	0.9	21.4	110.5		38	48	-2.5	-2.8	-4.2
GEW-049	9/29/2016 10:53	39.1	32.7	1.0	27.2	110.6		49	61	-3.3	-3.8	-6.1
GEW-049	9/29/2016 10:56	36.8	34.0	1.3	27.9	108.2		0	0	-1.6	-1.6	-7.2
GEW-050	9/9/2016 9:03	57.0	41.2	0.0	1.8	106.1		10	10	-0.3	-0.3	-6.7
GEW-050	9/12/2016 10:14	56.6	38.7	0.1	4.6	107.2		29	27	-0.2	-0.2	-8.9
GEW-050	9/12/2016 10:20	56.3	40.0	0.0	3.7	107.2		14	10	-0.2	-0.2	-8.6
GEW-050	9/21/2016 16:02	56.4	36.9	0.1	6.6	108.7		14	16	-0.3	-0.3	-5.3
GEW-050	9/29/2016 13:02	54.7	37.7	0.0	7.6	106.8		19	12	-0.3	-0.3	-7.2
GEW-051	9/8/2016 9:22	55.2	40.4	0.0	4.4	127.5		27	28	-0.8	-0.7	-11.3
GEW-051	9/8/2016 9:29	56.2	41.0	0.0	2.8	128.1		22	27	-0.7	-0.8	-11.7
GEW-051	9/15/2016 13:31	61.0	38.9	0.1	0.0	126.4		45	46	0.3	0.3	-10.9
GEW-051	9/15/2016 13:32	60.4	39.5	0.1	0.0	126.9		38	52	0.3	-0.1	-11.0
GEW-051	9/21/2016 14:05	54.2	38.0	0.1	7.7	127.5		23	28	-1.5	-1.5	-10.3
GEW-051	9/21/2016 14:06	54.4	41.1	0.1	4.4	127.5		20	19	-1.3	-1.4	-10.6
GEW-051	9/29/2016 11:02	56.2	39.8	0.0	4.0	126.4		23	23	-1.8	-1.8	-12.1
GEW-051	9/29/2016 11:03	55.0	41.2	0.0	3.8	125.3		15	13	-1.6	-1.5	-13.0
GEW-052	9/9/2016 8:38	56.4	39.7	0.0	3.9	112.0		30	28	-0.4	-0.3	-12.1
GEW-052	9/12/2016 10:24	54.2	41.0	0.0	4.8	112.8		18	15	-0.2	-0.2	-12.2
GEW-052	9/12/2016 10:29	54.9	40.6	0.0	4.5	112.8		7	12	-0.2	-0.2	-11.8
GEW-052	9/21/2016 16:06	54.8	36.7	0.0	8.5	114.5		18	9	-0.3	-0.3	-10.8
GEW-052	9/29/2016 13:07	50.6	40.0	0.0	9.4	112.2		18	13	-0.3	-0.3	-12.1
GEW-053	9/8/2016 9:39	50.6	43.0	0.0	6.4	142.2		36	37	-0.9	-0.9	-12.0

September 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-053	9/8/2016 9:44	50.0	40.2	0.0	9.8	141.9		0	10	-0.9	-0.9	-12.0
GEW-053	9/15/2016 13:38	58.2	41.7	0.1	0.0	142.9		28	29	0.2	0.2	-11.3
GEW-053	9/15/2016 13:40	57.0	42.9	0.1	0.0	142.9		NR		0.2	-0.1	-11.5
GEW-053	9/21/2016 14:15	51.3	42.2	0.1	6.4	143.5		22	22	-1.1	-1.1	-10.5
GEW-053	9/21/2016 14:16	50.4	42.8	0.1	6.7	143.5		21	25	-1.2	-1.1	-10.5
GEW-053	9/29/2016 11:25	52.5	40.0	0.0	7.5	142.2		21	22	-1.7	-1.7	-12.3
GEW-053	9/29/2016 11:26	51.4	42.2	0.0	6.4	142.2		23	26	-1.7	-1.7	-11.9
GEW-054	9/9/2016 8:57	51.9	42.9	0.0	5.2	145.5		43	52	-4.9	-4.9	-10.2
GEW-054	9/9/2016 8:58	52.0	43.2	0.0	4.8	145.5		51	47	-4.8	-4.9	-9.9
GEW-054	9/12/2016 8:59	53.1	41.2	0.0	5.7	145.8		47	41	-4.8	-4.7	-9.0
GEW-054	9/12/2016 9:05	52.6	42.1	0.0	5.3	147.0		48	48	-4.7	-4.3	-9.3
GEW-054	9/15/2016 13:44	58.8	41.1	0.1	0.0	146.2		61	62	-2.9	-2.9	-6.6
GEW-054	9/15/2016 13:46	58.4	41.5	0.1	0.0	146.2		56	55	-2.8	-3.8	-5.8
GEW-054	9/21/2016 14:22	51.3	41.7	0.1	6.9	146.6		48	43	-4.6	-4.5	-5.9
GEW-054	9/21/2016 14:23	50.4	42.2	0.1	7.3	148.4		59	50	-4.5	-4.5	-6.1
GEW-054	9/29/2016 11:31	51.7	41.1	0.0	7.2	145.2		61	59	-6.6	-6.6	-9.1
GEW-054	9/29/2016 11:32	51.2	41.6	0.0	7.2	145.2		64	61	-6.6	-6.6	-9.1
GEW-055	9/9/2016 8:53	53.4	43.1	0.0	3.5	126.3		7	7	-0.4	-0.4	-9.6
GEW-055	9/12/2016 9:11	53.1	42.7	0.0	4.2	126.3		0	0	-0.4	-0.4	-8.8
GEW-055	9/12/2016 9:16	53.6	42.1	0.0	4.3	126.0		34	34	-0.4	-0.4	-9.0
GEW-055	9/21/2016 14:28	53.0	41.4	0.1	5.5	129.4		16	18	-0.3	-0.3	-7.5
GEW-055	9/29/2016 11:36	53.7	40.6	0.0	5.7	128.3		0	0	-0.8	-0.8	-9.4
GEW-055	9/29/2016 11:39	53.9	41.4	0.0	4.7	128.0		17	14	-0.8	-0.8	-9.4
GEW-056R	9/2/2016 14:01	18.8	56.7	0.3	24.2	174.2		12	11	-4.5	-4.4	-18.0
GEW-056R	9/2/2016 14:03	18.9	57.7	0.3	23.1	174.2		10	11	-4.5	-4.5	-17.4
GEW-056R	9/6/2016 15:59	23.3	45.5	0.4	30.8	159.4		12	10	-5.3	-5.2	-18.2
GEW-056R	9/6/2016 16:01	24.3	46.6	0.5	28.6	159.4		11	10	-5.2	-5.2	-18.4
GEW-056R	9/15/2016 9:27	21.2	45.2	0.3	33.3	153.7		16	16	-5.0	-5.0	-18.0
GEW-056R	9/15/2016 9:29	22.1	43.5	0.3	34.1	154.1		15	15	-5.0	-5.0	-18.8
GEW-056R	9/20/2016 11:37	16.5	44.2	0.3	39.0	154.0		12	16	-4.8	-4.8	-18.0
GEW-056R	9/20/2016 11:40	18.3	41.6	0.2	39.9	146.6		3	3	-0.6	-0.6	-17.6
GEW-056R	9/21/2016 9:45	13.2	51.7	0.2	34.9	130.8		4	2	-0.3	-0.3	-17.5
GEW-056R	9/27/2016 14:55	12.9	49.5	0.2	37.4	124.8		3	2	-0.1	-0.1	-18.0
GEW-057B	9/23/2016 9:00	4.4	35.4	0.4	59.8	102.1		15	13	-13.5	-12.2	-12.6
GEW-057R	9/14/2016 11:13	4.5	14.3	11.5	69.7	127.8		42	37	-11.3	-10.3	-14.2
GEW-057R	9/14/2016 11:15	4.7	14.2	11.1	70.0	125.4		42	42	-1.9	-1.9	-13.1
GEW-058	9/14/2016 11:05	3.1	32.1	9.0	55.8	164.9		48	54	-13.3	-12.2	-17.1
GEW-058	9/14/2016 11:06	3.4	31.6	9.0	56.0	164.6		49	45	-13.7	-12.8	-17.5
GEW-058A	9/14/2016 10:55	22.5	50.4	1.2	25.9	134.6		44	43	-5.9	-5.9	-7.6
GEW-058A	9/14/2016 11:01	29.1	45.2	1.4	24.3	144.0		43	43	-5.9	-5.9	-9.1
GEW-059R	9/14/2016 10:41	6.1	52.7	2.4	38.8	187.4		38	35	-15.0	-16.1	-15.8
GEW-059R	9/14/2016 10:47	6.2	48.3	2.3	43.2	187.4		34	37	-14.2	-14.7	-15.3
GEW-067A	9/23/2016 9:56	5.5	38.7	8.5	47.3	145.9		17	20	-5.8	-5.5	-17.4

September 2016 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO_2	O_2	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H_2O		
GEW-067A	9/23/2016 9:57	6.7	34.8	8.7	49.8	146.3		14	12	-5.2	-5.5	-17.2
GEW-077	9/23/2016 8:48	1.0	60.8	0.0	38.2	186.8		NFD		-15.9	-15.5	-15.9
GEW-077	9/23/2016 8:50	0.5	58.3	0.0	41.2	187.0		NFD		-15.5	-15.6	-15.4
GEW-078R	9/23/2016 8:36	8.0	51.8	0.0	40.2	186.4		14	22	-12.8	-12.5	-15.6
GEW-078R	9/23/2016 8:37	9.0	54.3	0.0	36.7	186.4		23	23	-13.2	-13.2	-15.4
GEW-080	9/23/2016 8:33	0.5	17.0	2.0	80.5	80.8		8	8	-15.5	-15.5	-15.5
GEW-082R	9/14/2016 9:33	5.5	51.2	0.1	43.2	188.5		9	16	-14.2	-14.4	-14.1
GEW-082R	9/14/2016 9:39	6.3	55.2	0.1	38.4	188.6		11	13	-14.2	-14.3	-13.6
GEW-086	9/14/2016 10:12	4.1	12.5	16.8	66.6	92.7		2	2	-3.5	-3.5	-16.5
GEW-086	9/14/2016 10:18	9.7	22.5	7.8	60.0	105.8		70	68	-13.2	-12.7	-17.1
GEW-086	9/14/2016 10:20	9.0	21.9	8.1	61.0	105.4		31	31	-3.9	-3.9	-18.3
GEW-089	9/23/2016 10:00	4.2	25.0	16.8	54.0	92.9		4	4	-3.2	-3.2	-17.2
GEW-089	9/23/2016 10:01	3.5	17.8	17.0	61.7	93.4		5	4	-3.2	-3.2	-17.0
GEW-090	9/14/2016 10:26	17.4	49.3	0.3	33.0	182.3		7	13	-16.7	-16.2	-16.6
GEW-090	9/14/2016 10:33	17.3	48.7	0.3	33.7	183.0		6	15	-16.6	-16.2	-16.9
GEW-091	9/23/2016 9:51	3.5	54.7	0.0	41.8	196.7		24	21	-13.9	-14.9	-16.1
GEW-091	9/23/2016 9:52	3.8	61.7	0.0	34.5	197.2		26	27	-15.8	-13.9	-17.9
GEW-102	9/13/2016 15:19	6.6	61.4	0.3	31.7	187.6		NFD		-16.2	-16.6	-16.7
GEW-102	9/13/2016 15:28	11.5	58.3	0.3	29.9	188.3		NFD		-16.6	-17.1	-17.0
GEW-104	9/23/2016 9:06	1.5	58.7	0.0	39.8	90.3		5	5	2.2	0.6	1.9
GEW-104	9/23/2016 9:07	0.6	60.7	0.0	38.7	91.3		9	8	1.9	1.9	1.9
GEW-108	9/23/2016 9:44	0.0	19.5	21.2	59.3	89.1		10	10	-14.2	-14.0	-17.7
GEW-108	9/23/2016 9:46	0.0	4.7	22.0	73.3	89.6		4	13	-14.6	-14.6	-16.7
GEW-108	9/27/2016 13:38	3.3	8.9	18.2	69.6	87.0		12	11	-15.2	-15.1	-18.1
GEW-108	9/27/2016 13:40	1.5	2.6	19.6	76.3	89.3		8	9	-15.1	-15.1	-16.2
GEW-109	9/6/2016 10:04	22.5	54.8	0.6	22.1	125.4		4	6	-18.1	-18.0	-17.6
GEW-109	9/6/2016 10:11	22.6	52.0	0.6	24.8	125.7		2	4	-18.6	-18.5	-18.4
GEW-109	9/15/2016 8:19	20.6	55.5	0.4	23.5	133.7		10	14	-18.6	-18.6	-18.8
GEW-109	9/15/2016 8:20	20.8	54.4	0.2	24.6	134.0		12	13	-18.6	-18.6	-18.5
GEW-109	9/21/2016 8:54	18.7	48.8	0.5	32.0	133.3		6	5	-18.6	-18.2	-18.7
GEW-109	9/21/2016 8:56	19.3	51.0	0.3	29.4	133.2		5	5	-18.1	-18.6	-18.2
GEW-109	9/27/2016 14:00	19.7	51.6	0.2	28.5	132.0		5	6	-17.8	-17.7	-18.2
GEW-109	9/27/2016 14:02	20.7	52.0	0.2	27.1	132.0		2	0	-17.8	-18.1	-18.1
GEW-110	9/6/2016 14:12	1.2	4.9	18.4	75.5	117.9		281	277	-0.3	-0.3	-0.6
GEW-110	9/6/2016 14:20	1.3	3.8	18.4	76.5	118.4		49	47	-0.3	-0.3	-18.1
GEW-110	9/15/2016 9:33	1.9	4.1	19.5	74.5	100.2		3	4	-0.4	-0.4	-18.3
GEW-110	9/15/2016 9:35	1.8	3.8	19.5	74.9	100.4		7	8	-0.4	-0.4	-18.6
GEW-110	9/20/2016 11:12	3.2	11.4	17.1	68.3	115.0		49	46	-2.7	-2.7	-18.5
GEW-110	9/20/2016 11:15	3.0	9.7	17.2	70.1	114.0		15	21	-0.5	-0.5	-17.4
GEW-110	9/21/2016 9:27	7.0	22.4	10.9	59.7	110.0		6	3	-0.4	-0.4	-17.4
GEW-110	9/21/2016 9:28	7.1	21.1	11.1	60.7	109.8		7	6	-0.4	-0.4	-17.7
GEW-110	9/27/2016 14:44	6.2	25.4	9.5	58.9	112.7		6	7	-0.3	-0.3	-18.0
GEW-110	9/27/2016 14:45	6.0	25.3	9.6	59.1	112.7		7	6	-0.3	-0.3	-18.1

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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-113	9/23/2016 10:15	9.8	47.8	2.6	39.8	173.7		NFD		-6.1	-6.2	-15.9
GEW-113	9/23/2016 10:16	9.9	49.8	2.5	37.8	173.7		NFD		-6.1	-6.1	-15.6
GEW-117	9/14/2016 8:55	20.9	54.6	0.4	24.1	150.5		NFD		-15.1	-15.1	-15.1
GEW-117	9/14/2016 9:01	20.5	55.9	0.2	23.4	150.9		NFD		-14.9	-15.1	-15.0
GEW-118	9/14/2016 9:08	2.3	53.5	2.3	41.9	193.1		73	70	-8.6	-8.5	-15.4
GEW-118	9/14/2016 9:13	2.5	56.5	1.9	39.1	192.7		68	50	-9.8	-8.3	-14.7
GEW-120	9/13/2016 9:25	18.3	58.3	0.1	23.3	151.7		NFD		-15.0	-14.8	-15.4
GEW-120	9/13/2016 9:31	18.0	57.1	0.1	24.8	153.3		NFD		-14.5	-14.7	-14.7
GEW-120	9/22/2016 10:33	17.8	40.7	0.0	41.5	151.3		NFD		-14.6	-14.6	-15.1
GEW-120	9/22/2016 10:34	18.4	54.9	0.0	26.7	151.7		97	97	-14.9	-14.8	-14.8
GEW-121	9/13/2016 10:35	9.9	57.3	0.1	32.7	175.2		13	17	-12.3	-12.5	-13.0
GEW-121	9/13/2016 10:41	11.0	56.9	0.1	32.0	175.2		12	19	-12.8	-12.2	-13.0
GEW-121	9/22/2016 10:43	9.6	51.8	0.0	38.6	178.6		19	27	-12.9	-13.2	-12.8
GEW-121	9/22/2016 10:45	9.5	56.2	0.0	34.3	178.6		8	32	-12.6	-13.2	-14.4
GEW-122	9/13/2016 14:04	22.1	52.3	0.2	25.4	188.5		19	22	-5.4	-5.4	-15.6
GEW-122	9/13/2016 14:10	22.9	52.8	0.2	24.1	188.5		22	17	-5.7	-5.4	-16.5
GEW-122	9/22/2016 11:20	20.9	51.1	0.0	28.0	188.3		20	24	-5.8	-5.8	-16.0
GEW-122	9/22/2016 11:21	20.9	51.6	0.0	27.5	188.3		12	15	-6.1	-6.1	-15.8
GEW-123	9/13/2016 10:53	27.4	60.9	0.9	10.8	99.0		7	4	-14.7	-14.2	-14.6
GEW-123	9/13/2016 10:59	27.9	61.3	0.6	10.2	100.7		7	11	-14.7	-14.7	-14.6
GEW-123	9/22/2016 10:54	21.0	49.2	0.2	29.6	102.1		1	8	-14.6	-14.5	-14.4
GEW-124	9/13/2016 11:32	11.0	64.6	0.3	24.1	97.7		6	5	-13.7	-13.3	-14.1
GEW-124	9/13/2016 11:37	9.5	59.9	0.3	30.3	97.3		6	7	-14.2	-14.4	-14.5
GEW-124	9/22/2016 11:00	2.7	45.7	10.0	41.6	94.8		2	1	-14.2	-14.2	-14.4
GEW-124	9/22/2016 11:01	1.0	30.1	13.7	55.2	94.8		2	1	-13.9	-12.4	-14.4
GEW-125	9/13/2016 11:09	1.8	60.9	0.1	37.2	193.6		34	35	-10.3	-10.7	-14.8
GEW-125	9/13/2016 11:18	3.0	57.5	0.1	39.4	193.6		31	23	-11.2	-11.2	-14.9
GEW-125	9/22/2016 11:31	2.5	53.7	0.0	43.8	193.6		31	29	-10.6	-11.2	-14.9
GEW-125	9/22/2016 11:32	1.6	58.5	0.0	39.9	193.6		23	33	-11.2	-10.8	-14.2
GEW-126	9/13/2016 11:51	31.2	53.6	0.2	15.0	179.7		10	7	-11.5	-11.5	-12.0
GEW-126	9/13/2016 12:00	35.6	52.9	0.2	11.3	179.2		6	3	-11.7	-11.7	-12.6
GEW-126	9/22/2016 11:44	15.8	52.8	0.0	31.4	180.3		2	6	-11.8	-12.2	-12.8
GEW-126	9/22/2016 11:45	19.6	53.2	0.0	27.2	180.9		4	5	-11.9	-11.8	-12.0
GEW-127	9/13/2016 9:16	4.7	60.1	0.0	35.2	189.6		29	31	-13.5	-14.0	-13.2
GEW-127	9/13/2016 9:26	3.5	58.5	0.0	38.0	189.6		34	38	-13.6	-14.2	-14.1
GEW-128	9/12/2016 13:56	5.5	46.3	6.4	41.8	166.1		26	26	-9.4	-9.4	-14.1
GEW-128	9/12/2016 14:05	5.7	48.3	5.8	40.2	166.6		21	21	-5.0	-5.0	-15.7
GEW-128	9/22/2016 14:58	9.1	59.6	0.2	31.1	176.7		14	16	-4.3	-4.3	-14.4
GEW-128	9/22/2016 14:59	10.9	62.6	0.4	26.1	176.7		17	19	-4.2	-4.2	-14.4
GEW-129	9/12/2016 14:12	1.8	62.3	0.2	35.7	176.9		6	7	-13.4	-12.8	-14.9
GEW-129	9/12/2016 14:21	1.4	59.9	0.2	38.5	175.8		4	13	-12.8	-12.8	-14.2
GEW-129	9/22/2016 14:53	2.5	59.8	0.3	37.4	180.8		6	10	-12.3	-12.3	-13.9
GEW-129	9/22/2016 14:54	2.9	62.2	0.3	34.6	180.9		14	4	-12.3	-12.4	-14.1

September 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-130	9/13/2016 10:27	7.4	52.7	3.8	36.1	167.6		68	73	-6.3	-6.3	-14.5
GEW-130	9/13/2016 10:34	7.3	48.7	3.8	40.2	167.6		69	75	-6.1	-6.2	-14.1
GEW-130	9/22/2016 14:41	9.4	50.7	3.6	36.3	169.2		35	31	-5.9	-5.9	-13.5
GEW-130	9/22/2016 14:43	9.3	53.0	3.5	34.2	171.7		32	33	-4.4	-4.4	-14.1
GEW-131	9/13/2016 10:58	0.5	50.1	0.0	49.4	99.0		NFD		8.4	8.3	8.6
GEW-131	9/13/2016 10:59	0.4	52.4	0.0	47.2	98.9		NFD		8.4	8.3	8.3
GEW-131	9/14/2016 13:25	0.9	52.6	0.1	46.4	106.8		NFD		8.3	8.3	8.0
GEW-131	9/14/2016 13:30	0.9	47.9	0.1	51.1	107.6		NFD		8.3	8.3	8.3
GEW-132	9/13/2016 10:28	9.2	36.3	5.9	48.6	165.0		NFD		-5.0	-4.9	-14.4
GEW-132	9/13/2016 10:30	9.1	37.2	5.9	47.8	165.0		NFD		-4.8	-4.7	-10.8
GEW-132	9/22/2016 10:39	10.2	44.2	5.4	40.2	165.0		NFD		-4.1	-4.5	-9.1
GEW-132	9/22/2016 10:40	8.9	39.5	5.5	46.1	165.1		NFD		-4.4	-4.5	-14.1
GEW-133	9/13/2016 9:14	3.4	63.9	0.0	32.7	101.3		8	13	-10.7	-11.0	-14.9
GEW-133	9/13/2016 9:19	3.8	60.8	0.1	35.3	103.8		7	3	-11.7	-11.7	-8.3
GEW-133	9/22/2016 10:28	0.3	5.5	21.8	72.4	90.1		8	5	-15.0	-14.9	-14.6
GEW-133	9/22/2016 10:29	0.2	2.2	22.0	75.6	91.7		7	6	-14.9	-14.6	-14.4
GEW-134	9/13/2016 9:01	9.5	44.2	1.0	45.3	141.5		NFD		-13.7	-13.6	-15.5
GEW-134	9/13/2016 9:07	9.4	44.1	1.0	45.5	150.1		NFD		-13.5	-13.5	-15.6
GEW-134	9/22/2016 10:08	7.1	46.0	1.4	45.5	143.9		NFD		-12.9	-13.2	-14.4
GEW-134	9/22/2016 10:11	7.5	41.7	1.4	49.4	144.5		NFD		-13.2	-13.2	-15.1
GEW-135	9/13/2016 8:49	4.1	54.7	1.4	39.8	191.5		33	23	-9.8	-8.9	-11.6
GEW-135	9/13/2016 8:56	4.1	52.6	1.0	42.3	191.5		44	34	-10.6	-9.8	-4.4
GEW-135	9/22/2016 10:04	7.3	55.5	0.1	37.1	178.3		16	15	-8.8	-8.8	-10.1
GEW-135	9/22/2016 10:05	7.3	56.9	0.1	35.7	179.2		31	11	-10.4	-9.4	-14.9
GEW-136	9/13/2016 8:28	4.5	29.2	8.5	57.8	124.6		18	19	-2.5	-2.3	-15.9
GEW-136	9/13/2016 8:29	4.3	29.3	8.6	57.8	124.0		15	15	-1.6	-1.6	-15.0
GEW-136	9/22/2016 9:53	12.0	36.8	8.4	42.8	125.6		NR		-1.7	-1.4	-13.6
GEW-136	9/22/2016 9:54	4.1	30.8	8.6	56.5	126.1		NR		-1.0	-0.9	-11.2
GEW-137	9/13/2016 8:17	39.5	42.2	0.1	18.2	78.2		3	4	-0.8	-0.8	-13.2
GEW-137	9/13/2016 8:23	39.2	42.4	0.0	18.4	79.9		4	4	-0.8	-0.8	-14.6
GEW-137	9/22/2016 9:50	37.0	39.6	0.1	23.3	86.0		NR		-0.6	-0.6	-11.7
GEW-138	9/13/2016 10:14	3.8	22.5	10.0	63.7	157.9		14	15	-1.3	-1.4	-13.2
GEW-138	9/13/2016 10:16	3.7	23.9	9.8	62.6	158.0		12	12	-0.9	-0.8	-14.3
GEW-138	9/22/2016 10:16	4.3	32.2	5.7	57.8	164.7		11	12	-0.6	-0.5	-11.2
GEW-138	9/22/2016 10:17	4.3	34.6	5.7	55.4	164.7		17	12	-0.5	-0.7	-11.1
GEW-139	9/13/2016 10:42	5.5	56.1	1.3	37.1	173.6		29	31	-8.7	-8.8	-15.1
GEW-139	9/13/2016 10:51	6.8	54.7	1.3	37.2	173.6		30	28	-8.7	-8.7	-15.7
GEW-139	9/22/2016 14:34	8.4	56.5	0.4	34.7	176.2		30	28	-8.3	-8.3	-15.2
GEW-139	9/22/2016 14:35	8.8	59.6	0.4	31.2	176.2		29	28	-8.0	-8.3	-15.4
GEW-140	9/13/2016 14:26	0.3	60.6	0.4	38.7	120.0		6	8	-4.9	-4.8	-4.8
GEW-140	9/13/2016 14:33	0.3	56.9	0.4	42.4	127.7		7	9	-4.8	-5.0	-5.1
GEW-140	9/22/2016 14:10	5.6	58.3	0.2	35.9	138.0		18	23	-7.3	-5.9	-7.1
GEW-140	9/22/2016 14:11	7.0	59.2	0.2	33.6	140.0		17	12	-6.5	-6.9	-6.5

September 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-141	9/13/2016 10:08	0.3	58.2	0.1	41.4	172.1		16	12	-10.2	-9.6	-9.4
GEW-141	9/13/2016 10:17	0.2	56.3	0.2	43.3	172.6		20	11	-9.3	-9.9	-10.2
GEW-141	9/22/2016 13:59	0.5	56.8	0.3	42.4	187.9		6	6	-8.3	-8.5	-8.1
GEW-141	9/22/2016 14:00	0.4	60.9	0.3	38.4	187.9		7	5	-6.0	-7.0	-6.1
GEW-142	9/13/2016 16:22	4.3	47.6	3.9	44.2	128.7		12	6	-7.4	-9.7	-7.4
GEW-142	9/13/2016 16:31	8.5	42.7	4.0	44.8	122.1		2	18	-8.9	-8.8	-8.9
GEW-142	9/22/2016 13:50	2.6	37.9	7.5	52.0	138.7		9	5	-7.4	-7.4	-7.7
GEW-142	9/22/2016 13:53	2.4	49.4	4.3	43.9	150.9		8	7	-7.8	-7.9	-8.0
GEW-143	9/13/2016 16:38	3.0	31.6	8.2	57.2	91.2		6	9	-11.2	-11.2	-11.2
GEW-143	9/13/2016 16:41	11.2	52.8	2.2	33.8	91.2		12	9	-9.7	-10.3	-10.8
GEW-143	9/14/2016 9:24	0.3	53.8	1.4	44.5	82.3		5	3	-10.7	-10.5	-12.1
GEW-143	9/14/2016 9:31	0.2	50.4	2.6	46.8	82.2		3	2	-10.8	-10.4	-11.4
GEW-143	9/22/2016 13:42	0.4	60.5	0.5	38.6	101.5		5	11	-8.8	-8.8	-8.9
GEW-144	9/14/2016 13:38	0.6	44.8	4.3	50.3	99.6		12	12	-7.8	-7.8	-8.4
GEW-144	9/14/2016 13:47	5.0	50.0	4.0	41.0	98.9		10	10	-8.4	-8.4	-8.4
GEW-144	9/22/2016 13:39	5.2	58.7	0.3	35.8	106.6		16	10	-7.0	-6.4	-7.9
GEW-145	9/13/2016 15:02	0.2	51.6	1.2	47.0	169.0		7	3	-16.3	-16.2	-16.7
GEW-145	9/13/2016 15:11	4.3	54.3	1.1	40.3	170.5		6	12	-15.8	-16.2	-16.2
GEW-145	9/22/2016 13:32	3.1	56.4	0.3	40.2	174.6		7	14	-13.8	-13.8	-13.6
GEW-145	9/22/2016 13:33	3.0	57.5	0.3	39.2	175.7		7	11	-11.3	-11.3	-11.7
GEW-146	9/12/2016 14:42	9.1	26.8	4.8	59.3	104.7		18	19	-0.9	-0.9	-16.5
GEW-146	9/12/2016 14:49	9.0	27.5	4.7	58.8	104.8		18	22	-0.8	-0.8	-16.8
GEW-146	9/22/2016 9:45	1.6	22.7	13.2	62.5	104.0		NR		-0.8	-0.8	-16.2
GEW-146	9/22/2016 9:46	1.9	16.9	13.4	67.8	104.0		NR		-0.8	-0.7	-15.7
GEW-147	9/13/2016 8:36	12.5	55.3	0.0	32.2	186.3		NFD		-16.2	-16.2	-16.1
GEW-147	9/13/2016 8:41	11.3	53.0	0.0	35.7	186.3		NFD		-15.9	-16.1	-15.7
GEW-147	9/22/2016 9:58	12.2	44.0	0.0	43.8	186.4		NFD		-14.5	-14.2	-14.6
GEW-147	9/22/2016 9:59	13.1	53.1	0.0	33.8	186.4		NFD		-15.2	-15.3	-15.4
GEW-148	9/12/2016 14:35	0.2	2.0	19.9	77.9	90.9		11	12	-16.1	-16.1	-16.5
GEW-148	9/12/2016 14:36	0.2	1.1	20.1	78.6	92.0		8	7	-16.5	-16.5	-16.0
GEW-148	9/22/2016 9:12	2.4	54.2	0.0	43.4	157.7		2	1	6.1	5.8	-16.4
GEW-148	9/22/2016 9:15	2.2	58.0	0.0	39.8	159.8		5	4	-0.8	-0.9	-16.5
GEW-149	9/12/2016 14:02	12.2	31.6	6.9	49.3	137.0		25	26	-1.1	-1.0	-17.7
GEW-149	9/12/2016 14:04	12.8	31.4	6.9	48.9	136.6		22	26	-1.1	-0.9	-17.3
GEW-149	9/22/2016 9:01	10.9	45.6	4.1	39.4	163.4		23	22	-0.7	-0.9	-18.5
GEW-150	9/14/2016 10:07	4.3	33.8	9.1	52.8	156.5		24	22	-4.1	-3.8	-15.2
GEW-150	9/14/2016 10:10	4.6	36.3	7.9	51.2	154.8		5	6	-1.1	-1.0	-16.0
GEW-150	9/22/2016 11:30	3.0	43.6	5.1	48.3	181.4		5	10	-0.7	-0.7	-16.4
GEW-150	9/22/2016 11:32	2.8	46.9	4.5	45.8	179.8		6	7	-0.5	-0.5	-17.1
GEW-151	9/12/2016 14:27	9.0	28.8	8.3	53.9	140.3		22	15	-6.3	-6.9	-16.1
GEW-151	9/12/2016 14:28	9.6	29.8	8.2	52.4	141.5		21	25	-13.7	-7.3	-15.8
GEW-151	9/22/2016 9:06	11.7	41.2	6.5	40.6	118.4		25	46	-9.4	-12.9	-16.1
GEW-151	9/22/2016 9:07	11.2	39.5	6.6	42.7	119.7		29	20	-13.1	-10.9	-15.3

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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-152	9/14/2016 11:11	19.4	49.6	0.1	30.9	174.7		7	7	-17.0	-16.6	-18.1
GEW-152	9/14/2016 11:18	19.5	49.3	0.1	31.1	174.2		11	16	-16.7	-16.8	-13.8
GEW-152	9/22/2016 11:10	21.5	45.3	0.1	33.1	174.6		11	6	-17.2	-17.0	-18.2
GEW-152	9/22/2016 11:11	20.1	49.2	0.0	30.7	175.2		11	10	-17.5	-17.2	-17.4
GEW-153	9/14/2016 11:28	29.3	42.7	0.0	28.0	144.5		13	12	-9.9	-9.8	-15.7
GEW-153	9/14/2016 11:35	29.3	40.4	0.1	30.2	144.9		14	17	-10.2	-10.3	-16.9
GEW-153	9/22/2016 11:05	30.7	39.6	0.0	29.7	144.4		15	12	-10.0	-10.0	-16.1
GEW-153	9/22/2016 11:07	30.9	40.8	0.0	28.3	145.5		18	17	-10.7	-10.8	-15.7
GEW-154	9/12/2016 13:39	5.1	8.1	15.5	71.3	123.2		8	7	-5.3	-5.3	-17.8
GEW-154	9/12/2016 13:41	6.0	7.0	15.5	71.5	122.1		2	2	-3.7	-3.7	-14.9
GEW-154	9/22/2016 8:50	1.6	13.1	18.9	66.4	88.6		10	12	-4.8	-4.8	-17.8
GEW-154	9/22/2016 8:51	1.6	8.9	19.2	70.3	88.0		16	11	-4.8	-4.9	-18.1
GEW-155	9/13/2016 10:21	1.3	9.6	16.9	72.2	132.7		25	34	-1.4	-1.8	-12.8
GEW-155	9/13/2016 10:23	1.3	8.7	16.9	73.1	131.3		17	12	-0.7	-0.7	-13.3
GEW-155	9/22/2016 10:22	1.7	19.1	16.4	62.8	139.3		15	19	-0.6	-0.5	-9.1
GEW-155	9/22/2016 10:23	1.3	14.1	16.5	68.1	139.6		14	14	-0.5	-0.5	-8.7
GEW-156	9/14/2016 9:40	3.0	10.1	15.7	71.2	114.1		14	14	-1.1	-1.1	-17.6
GEW-156	9/14/2016 9:41	3.1	8.3	15.9	72.7	113.9		15	11	-1.1	-1.1	-18.1
GEW-156	9/22/2016 11:45	3.2	13.2	15.4	68.2	114.5		14	15	-0.9	-0.9	-17.2
GEW-156	9/22/2016 11:47	3.5	8.9	15.7	71.9	114.7		14	15	-0.9	-0.9	-16.8
GEW-157	9/14/2016 9:52	11.2	56.0	0.0	32.8	182.2		10	10	-3.4	-3.5	-3.7
GEW-157	9/14/2016 10:00	11.7	53.3	0.0	35.0	182.7		16	4	-3.3	-2.9	-2.9
GEW-157	9/22/2016 11:37	11.7	53.5	0.0	34.8	183.0		10	12	-3.0	-3.3	-3.1
GEW-157	9/22/2016 11:38	12.7	55.5	0.0	31.8	183.4		4	14	-3.1	-2.9	-2.9
GEW-158	9/23/2016 9:39	0.4	27.1	0.0	72.5	156.9		5	5	4.6	4.6	1.1
GEW-158	9/23/2016 9:41	0.4	60.9	0.0	38.7	152.9		2	2	4.7	4.7	0.9
GEW-159	9/14/2016 13:13	25.7	47.9	0.1	26.3	131.1		11	10	-10.2	-10.3	-10.2
GEW-159	9/14/2016 13:19	26.5	47.8	0.1	25.6	131.9		15	16	-9.8	-9.8	-9.9
GEW-159	9/27/2016 14:30	0.4	54.3	0.6	44.7	87.5		3	7	-0.4	-0.4	-17.9
GEW-160	9/12/2016 13:20	4.9	59.7	0.1	35.3	114.0		14	14	-10.7	-10.7	-10.3
GEW-160	9/12/2016 13:26	4.7	56.5	0.2	38.6	114.3		6	8	-10.7	-10.3	-10.8
GEW-160	9/22/2016 8:38	3.3	54.3	0.0	42.4	187.6		4	4	-8.8	-8.4	-8.7
GEW-160	9/22/2016 8:39	3.1	56.8	0.0	40.1	187.6		8	10	-9.1	-9.1	-9.1
GEW-161	9/12/2016 13:28	0.6	55.3	0.9	43.2	104.3		7	3	-10.7	-10.7	-10.8
GEW-161	9/12/2016 13:34	0.3	53.2	0.9	45.6	105.2		5	4	-11.2	-11.1	-11.3
GEW-162	9/12/2016 13:46	9.9	61.8	0.3	28.0	178.2		12	9	-16.1	-16.1	-17.2
GEW-162	9/12/2016 13:52	9.8	58.2	0.5	31.5	180.1		11	6	-16.6	-16.7	-17.2
GEW-162	9/22/2016 8:56	9.0	60.3	0.0	30.7	169.5		22	8	-16.7	-15.9	-17.0
GEW-162	9/22/2016 8:57	9.1	60.9	0.0	30.0	170.0		14	15	-15.5	-16.1	-17.1
GEW-163	9/13/2016 10:47	5.1	33.0	10.5	51.4	153.3		40	40	-6.4	-6.4	-15.1
GEW-163	9/13/2016 10:49	5.3	32.8	10.6	51.3	153.3		34	34	-6.4	-6.4	-14.7
GEW-163	9/22/2016 10:48	5.9	43.4	9.4	41.3	155.6		38	39	-7.1	-7.1	-14.5
GEW-163	9/22/2016 10:51	5.1	37.7	9.5	47.7	156.0		30	18	-7.1	-4.6	-13.9

September 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	9/13/2016 11:22	5.0	65.9	0.6	28.5	113.5		12	15	-14.2	-14.2	-14.2
GEW-164	9/13/2016 11:28	4.8	67.0	0.6	27.6	114.5		23	15	-14.3	-14.7	-14.7
GEW-164	9/22/2016 10:56	11.4	60.0	0.6	28.0	103.5		9	6	-14.2	-14.2	-14.4
GEW-165	9/13/2016 13:36	3.2	64.9	0.1	31.8	193.7		12	22	-12.8	-12.8	-14.0
GEW-165	9/13/2016 13:43	2.0	64.4	0.2	33.4	193.7		6	6	-12.7	-12.7	-13.6
GEW-165	9/22/2016 11:05	1.9	46.6	0.0	51.5	191.6		13	13	-13.6	-13.5	-14.4
GEW-165	9/22/2016 11:06	1.8	63.4	0.0	34.8	192.3		22	20	-13.5	-13.6	-14.1
GEW-166	9/13/2016 13:52	0.5	58.1	0.2	41.2	194.8		32	29	1.6	1.4	1.2
GEW-166	9/13/2016 13:58	1.3	54.1	0.2	44.4	194.8		27	32	1.3	1.2	0.5
GEW-166	9/22/2016 11:12	0.5	57.2	0.0	42.3	197.9		14	20	2.8	2.6	2.0
GEW-166	9/22/2016 11:13	0.3	58.8	0.0	40.9	197.9		34	13	2.4	2.3	2.5
GEW-167	9/14/2016 13:37	10.4	38.7	4.9	46.0	162.7		14	12	-1.8	-1.8	-15.9
GEW-167	9/14/2016 13:43	12.8	38.1	4.7	44.4	163.2		45	38	-1.3	-1.3	-16.3
GEW-167	9/22/2016 11:24	8.0	40.8	5.4	45.8	168.5		40	40	-1.1	-1.1	-15.6
GEW-167	9/22/2016 11:25	6.2	38.8	5.4	49.6	167.1		31	33	-1.1	-1.1	-15.4
GEW-168	9/13/2016 11:26	9.8	60.3	0.2	29.7	184.5		26	23	-11.2	-10.8	-11.9
GEW-168	9/13/2016 11:33	14.2	58.9	0.2	26.7	184.5		22	27	-11.3	-11.2	-12.2
GEW-168	9/22/2016 11:36	3.3	55.6	0.0	41.1	184.0		4	14	-12.5	-12.2	-12.8
GEW-168	9/22/2016 11:37	4.6	60.2	0.0	35.2	184.0		7	23	-13.2	-12.5	-14.4
GEW-169	9/13/2016 11:38	16.3	57.7	1.4	24.6	184.5		69	61	-12.2	-12.6	-13.5
GEW-169	9/13/2016 11:46	15.5	59.4	1.4	23.7	184.5		57	61	-12.7	-12.7	-13.7
GEW-169	9/22/2016 11:48	11.5	57.5	0.7	30.3	183.4		59	61	-12.9	-13.2	-13.3
GEW-169	9/22/2016 11:49	11.6	59.4	0.6	28.4	183.4		58	60	-12.9	-13.2	-13.6
GEW-170	9/13/2016 9:32	8.7	58.1	1.9	31.3	160.7		70	88	-9.6	-9.7	-15.0
GEW-170	9/13/2016 9:38	7.5	54.1	1.9	36.5	160.2		72	67	-9.4	-9.4	-14.6
GEW-171	9/13/2016 16:46	27.0	58.7	0.3	14.0	192.2		7	8	-9.9	-10.2	-10.0
GEW-171	9/13/2016 16:53	26.0	55.2	0.4	18.4	191.6		42	20	-8.3	-8.8	-9.3
GEW-171	9/22/2016 13:45	7.3	56.2	0.2	36.3	189.8		15	28	-7.8	-7.9	-7.8
GEW-171	9/22/2016 13:47	7.8	60.5	0.3	31.4	190.8		13	14	-8.4	-8.8	-8.5
GEW-172	9/13/2016 16:07	14.8	54.8	0.2	30.2	191.0		80	82	-3.6	-3.5	-9.9
GEW-172	9/13/2016 16:16	15.0	53.3	0.1	31.6	191.6		86	79	-3.3	-3.3	-9.9
GEW-172	9/22/2016 14:04	4.3	53.3	0.2	42.2	189.7		35	39	-2.5	-2.1	-8.3
GEW-172	9/22/2016 14:06	6.9	57.3	0.2	35.6	190.2		30	35	-2.2	-2.3	-7.3
GEW-173	9/13/2016 14:19	11.5	36.9	6.5	45.1	108.2		52	39	-1.9	-1.9	-16.7
GEW-173	9/13/2016 14:21	11.3	37.2	6.6	44.9	108.7		50	45	-1.9	-2.0	-16.7
GEW-173	9/22/2016 14:15	14.3	44.6	5.1	36.0	114.8		50	46	-1.8	-1.7	-16.4
GEW-173	9/22/2016 14:23	16.0	41.5	5.1	37.4	115.5		45	40	-1.3	-1.3	-16.5
GEW-174	9/13/2016 14:45	6.2	36.4	4.6	52.8	170.0		64	57	-2.0	-2.1	-8.5
GEW-174	9/13/2016 14:52	6.3	35.2	4.6	53.9	170.5		65	62	-2.1	-2.3	-8.6
GEW-174	9/22/2016 13:22	6.5	33.0	4.6	55.9	170.2		70	65	-2.0	-2.0	-9.0
GEW-174	9/22/2016 13:24	6.8	34.7	4.6	53.9	171.2		60	69	-1.7	-1.7	-8.8
GEW-175	9/14/2016 10:37	17.3	49.0	2.5	31.2	145.9		176	164	-9.8	-8.8	-14.0
GEW-175	9/14/2016 10:46	16.8	49.2	2.5	31.5	145.9		188	182	-9.9	-9.8	-14.8

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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-175	9/22/2016 11:25	17.9	49.5	2.1	30.5	144.4		186	184	-10.2	-10.0	-15.2
GEW-175	9/22/2016 11:27	17.9	49.0	2.1	31.0	145.1		178	187	-9.8	-9.8	-14.3
GEW-176	9/14/2016 10:22	13.7	46.8	4.0	35.5	141.2		38	39	-7.8	-7.3	-0.6
GEW-176	9/14/2016 10:30	13.5	46.1	4.1	36.3	141.9		36	35	-5.8	-5.3	11.3
GEW-176	9/22/2016 11:18	13.7	47.3	3.5	35.5	144.0		27	31	-4.1	-4.2	-17.1
GEW-176	9/22/2016 11:20	14.0	48.7	3.3	34.0	142.5		13	37	-2.9	-2.5	-18.2
GEW-177	9/13/2016 9:46	1.3	59.6	0.0	39.1	190.9		19	9	-7.0	-7.0	-7.9
GEW-177	9/13/2016 9:55	1.0	58.4	0.0	40.6	190.9		26	26	-6.4	-6.7	-7.8
GEW-177	9/22/2016 14:47	2.1	56.0	0.2	41.7	190.2		24	24	-5.9	-5.9	-7.5
GEW-177	9/22/2016 14:49	3.2	62.4	0.3	34.1	190.2		25	44	-5.9	-5.9	-7.5
GEW-1A	9/9/2016 9:08	1.0	6.1	21.2	71.7	71.4		7	4	-9.8	-10.0	-12.3
GEW-1A	9/9/2016 9:09	2.4	2.4	21.4	73.8	71.4		3	5	-10.7	-10.8	-12.2
GEW-1A	9/12/2016 9:45	1.0	2.4	21.0	75.6	79.4		5	8	-9.5	-9.5	-12.0
GEW-1A	9/12/2016 9:50	1.3	0.5	21.2	77.0	79.8		3	2	-10.6	-10.6	-11.8
GEW-1A	9/21/2016 14:34	1.0	3.4	19.6	76.0	109.7		3	6	-7.0	-7.8	-11.1
GEW-1A	9/21/2016 14:36	0.9	0.8	19.9	78.4	112.0		3	3	-7.8	-7.8	-10.8
GEW-1A	9/29/2016 11:50	1.0	5.1	21.2	72.7	66.9		6	9	-10.0	-10.4	-12.4
GEW-1A	9/29/2016 11:52	1.3	1.6	21.8	75.3	67.5		14	7	-11.0	-11.5	-12.1
GEW-2S	9/9/2016 9:13	59.2	39.3	0.1	1.4	71.1		5	5	0.3	0.3	-12.4
GEW-2S	9/9/2016 9:15	58.7	39.7	0.0	1.6	71.2		3	3	-0.5	-0.5	-9.1
GEW-2S	9/12/2016 9:33	58.2	39.7	0.1	2.0	89.6		2	3	-3.9	-3.9	-11.1
GEW-2S	9/12/2016 9:39	58.3	39.3	0.1	2.3	90.0		4	2	-4.0	-3.9	-9.6
GEW-2S	9/21/2016 14:44	57.9	37.9	0.1	4.1	99.9		3	4	-2.4	-2.6	-6.0
GEW-2S	9/29/2016 11:43	56.9	39.9	0.0	3.2	67.5		3	3	-2.9	-2.8	-9.5
GEW-2S	9/29/2016 11:46	58.2	39.5	0.0	2.3	68.0		1	1	-1.4	-1.4	-10.6
GIW-01	9/6/2016 15:30	4.5	60.0	0.9	34.6	183.3		13	10	-4.1	-3.6	-17.9
GIW-01	9/6/2016 15:31	5.0	63.0	0.8	31.2	182.9		14	10	-4.4	-4.4	-18.0
GIW-01	9/15/2016 9:01	3.2	61.7	2.2	32.9	183.5		0	0	-3.9	-3.9	-18.9
GIW-01	9/15/2016 9:03	3.3	61.8	1.8	33.1	183.6		19	21	-3.7	-3.6	-18.9
GIW-01	9/20/2016 11:19	3.5	58.3	1.2	37.0	183.9		15	10	-3.5	-3.5	-17.8
GIW-01	9/20/2016 11:22	2.6	64.6	0.4	32.4	184.6		9	7	-0.4	-0.4	-17.3
GIW-01	9/21/2016 9:21	2.8	61.9	0.3	35.0	185.7		9	10	0.4	0.3	-18.6
GIW-01	9/21/2016 9:23	2.8	65.6	0.3	31.3	185.7		12	11	-0.9	-0.9	-17.8
GIW-01	9/27/2016 15:27	3.6	60.1	0.3	36.0	185.1		13	11	-0.6	-0.6	-19.6
GIW-01	9/27/2016 15:29	3.9	65.9	0.3	29.9	185.1		10	10	-0.6	-0.6	-18.8
GIW-02	9/6/2016 15:35	5.1	30.8	11.5	52.6	104.5		5	4	-0.5	-0.5	-17.5
GIW-02	9/6/2016 15:37	5.3	29.2	11.5	54.0	104.3		2	4	-0.5	-0.5	-18.5
GIW-02	9/15/2016 8:54	3.3	21.9	14.6	60.2	88.2		13	12	-0.4	-0.4	-17.8
GIW-02	9/15/2016 8:56	3.3	21.5	14.6	60.6	88.6		12	11	-0.4	-0.4	-18.0
GIW-02	9/20/2016 11:27	1.5	19.5	15.0	64.0	106.2		4	3	-0.4	-0.4	-18.2
GIW-02	9/20/2016 11:29	1.5	18.2	15.2	65.1	107.2		2	3	-0.4	-0.4	-16.7
GIW-02	9/21/2016 9:16	3.2	29.5	12.2	55.1	93.4		2	3	-0.3	-0.3	-18.1
GIW-02	9/21/2016 9:17	3.2	27.7	12.2	56.9	94.1		5	4	-0.3	-0.3	-18.7

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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		
GIW-02	9/27/2016 15:22	5.3	36.5	10.2	48.0	87.0		3	2	-0.3	-0.2	-17.9
GIW-02	9/27/2016 15:23	5.9	33.0	10.3	50.8	87.1		1	1	-0.3	-0.3	-18.4
GIW-03	9/6/2016 15:40	1.8	51.2	5.4	41.6	108.0		3	3	-10.7	-10.7	-11.9
GIW-03	9/6/2016 15:42	2.1	49.8	5.2	42.9	108.0		4	8	-10.4	-10.6	-10.8
GIW-03	9/15/2016 8:47	2.0	49.8	5.7	42.5	99.4		14	10	-15.8	-15.8	-17.5
GIW-03	9/15/2016 8:49	2.1	50.8	6.5	40.6	105.2		6	11	-15.6	-15.8	-16.6
GIW-03	9/20/2016 13:45	2.3	47.2	5.1	45.4	110.0		4	3	-8.4	-8.3	-9.4
GIW-03	9/20/2016 13:47	2.1	45.8	6.0	46.1	110.2		3	1	-3.7	-3.7	-9.4
GIW-03	9/21/2016 9:10	1.3	54.6	4.3	39.8	87.0		2	5	-2.8	-2.8	-10.6
GIW-03	9/21/2016 9:13	1.4	54.9	3.3	40.4	87.6		6	1	-0.6	-0.6	-9.3
GIW-03	9/27/2016 15:19	1.5	58.0	1.9	38.6	91.8		2	1	-0.5	-0.4	-18.5
GIW-04	9/6/2016 15:45	0.9	54.6	1.4	43.1	105.8		2	2	-8.7	-8.8	-11.4
GIW-04	9/6/2016 15:47	1.4	55.7	1.4	41.5	106.5		7	4	-9.1	-9.1	-11.4
GIW-04	9/15/2016 8:40	1.3	58.6	0.8	39.3	88.6		16	17	-13.4	-13.4	-18.8
GIW-04	9/20/2016 13:51	1.7	54.2	0.5	43.6	107.0		2	4	-6.4	-6.4	-9.1
GIW-04	9/20/2016 13:53	1.3	58.3	0.5	39.9	107.5		4	3	-4.0	-4.0	-9.4
GIW-04	9/21/2016 9:07	1.9	58.2	0.5	39.4	91.4		2	2	-3.4	-3.5	-9.4
GIW-04	9/27/2016 15:16	1.5	56.5	0.6	41.4	87.3		1	4	-8.1	-8.1	-18.2
GIW-05	9/6/2016 15:53	2.7	56.7	1.6	39.0	100.9		10	8	-1.7	-1.6	-11.2
GIW-05	9/6/2016 15:54	3.3	59.1	1.6	36.0	101.3		10	11	-1.7	-1.6	-12.2
GIW-05	9/12/2016 11:37	2.3	61.2	0.3	36.2	88.0		0	10	-0.1	-0.1	-10.8
GIW-05	9/12/2016 11:42	1.8	64.2	0.3	33.7	88.9		0	0	-0.2	-0.1	-10.3
GIW-05	9/15/2016 8:32	2.3	61.8	0.2	35.7	83.2		0	0	1.8	1.9	-18.0
GIW-05	9/15/2016 8:34	2.3	62.5	0.2	35.0	82.4		59	43	-15.0	-13.9	-16.5
GIW-05	9/20/2016 13:58	1.9	48.8	4.6	44.7	102.1		35	18	-8.0	-8.3	-9.5
GIW-05	9/20/2016 14:00	1.2	41.1	7.5	50.2	102.5		15	16	-3.5	-3.6	-9.8
GIW-05	9/21/2016 9:03	2.5	55.1	0.2	42.2	87.5		51	26	-1.6	-1.8	-9.0
GIW-05	9/27/2016 15:07	2.1	52.4	1.7	43.8	84.0		205	201	-17.4	-17.6	-18.1
GIW-05	9/27/2016 15:09	2.0	57.0	1.4	39.6	84.0		197	197	-16.7	-16.7	-18.0
GIW-06	9/6/2016 9:04	4.9	55.2	0.5	39.4	92.7		5	7	-9.8	-10.2	-9.6
GIW-06	9/6/2016 9:11	4.7	53.6	0.5	41.2	93.2		3	2	-10.2	-10.2	-9.9
GIW-06	9/15/2016 8:06	6.4	50.5	0.4	42.7	83.8		17	14	-16.6	-18.6	-16.8
GIW-06	9/21/2016 8:35	11.2	54.1	0.4	34.3	86.6		8	8	-10.0	-10.0	-10.0
GIW-06	9/27/2016 13:33	9.5	57.1	0.5	32.9	88.6		5	2	-17.5	-17.6	-17.7
GIW-07	9/6/2016 9:15	1.1	11.3	17.9	69.7	97.3		0	0	-2.4	-2.4	-10.1
GIW-07	9/6/2016 9:16	1.4	13.1	17.3	68.2	97.9		0	0	-2.4	-2.4	-9.9
GIW-07	9/6/2016 9:34	1.4	11.4	17.5	69.7	98.9		0	1	-2.4	-2.4	-9.1
GIW-07	9/6/2016 9:40	1.5	12.2	17.2	69.1	101.1		1	1	-2.3	-2.3	-9.0
GIW-07	9/15/2016 8:09	4.7	45.4	8.0	41.9	85.3		13	13	-0.7	-0.7	-17.5
GIW-07	9/15/2016 8:10	5.3	52.2	6.4	36.1	86.6		14	14	-0.6	-0.6	-17.5
GIW-07	9/21/2016 8:40	8.2	71.3	0.5	20.0	91.7		2	2	0.2	0.2	-8.9
GIW-07	9/21/2016 8:41	8.1	69.9	1.1	20.9	91.9		3	2	-1.8	-1.8	-10.1
GIW-07	9/27/2016 13:43	18.2	53.8	2.1	25.9	90.5		5	5	-4.6	-4.6	-18.1

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Well Name	Date Sampled	Methane	CO_2	O_2	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H_2O		
GIW-07	9/27/2016 13:45	17.7	56.3	2.1	23.9	91.5		3	3	-2.8	-2.8	-18.1
GIW-08	9/6/2016 9:44	17.5	60.1	0.3	22.1	99.2		2	2	-5.0	-4.9	-9.1
GIW-08	9/6/2016 9:51	17.4	59.6	0.4	22.6	98.8		5	4	-4.9	-4.9	-9.1
GIW-08	9/15/2016 8:14	18.0	59.9	0.2	21.9	83.6		14	14	-7.1	-7.1	-17.4
GIW-08	9/21/2016 8:47	23.1	60.0	0.3	16.6	88.9		5	5	-3.9	-4.0	-9.1
GIW-08	9/27/2016 13:57	20.9	57.6	0.2	21.3	91.0		2	4	-6.9	-7.0	-17.5
GIW-09	9/6/2016 10:25	2.9	16.5	11.0	69.6	95.6		NFD		-4.2	-4.2	-9.5
GIW-09	9/6/2016 10:32	2.6	15.3	11.1	71.0	96.2		NFD		-4.2	-4.2	-9.6
GIW-09	9/15/2016 8:27	3.7	19.1	10.7	66.5	85.5		NFD		-5.1	-5.1	-16.4
GIW-09	9/15/2016 8:28	3.4	17.0	10.9	68.7	85.7		NFD		-5.1	-5.1	-19.0
GIW-09	9/21/2016 8:50	5.3	22.3	10.6	61.8	88.0		NFD		-3.1	-3.1	-9.9
GIW-09	9/21/2016 8:51	5.4	20.9	10.7	63.0	88.4		NFD		-3.1	-3.0	-9.1
GIW-09	9/27/2016 13:49	9.1	33.0	3.4	54.5	94.6		NFD		-4.5	-4.5	-18.2
GIW-10	9/6/2016 11:07	1.3	57.5	0.3	40.9	99.4		3	5	-1.4	-1.4	-9.4
GIW-10	9/6/2016 11:13	1.1	55.3	0.3	43.3	98.9		3	4	-1.4	-1.4	-10.2
GIW-10	9/15/2016 9:22	3.3	55.5	0.2	41.0	89.7		26	26	-2.2	-2.2	-16.3
GIW-10	9/21/2016 9:42	0.8	56.6	0.2	42.4	93.1		3	3	-0.6	-0.6	-8.3
GIW-10	9/27/2016 15:13	6.4	50.6	0.1	42.9	88.9		2	1	-3.0	-3.0	-18.2
GIW-11	9/6/2016 11:19	9.5	61.6	1.6	27.3	97.3		NFD		-1.8	-1.8	-17.8
GIW-11	9/6/2016 11:25	9.5	58.3	1.7	30.5	97.3		NFD		-1.7	-1.7	-16.4
GIW-11	9/15/2016 9:18	9.0	57.7	1.6	31.7	88.6		NFD		-2.0	-2.0	-17.5
GIW-11	9/20/2016 13:41	7.6	53.7	1.0	37.7	105.5		NFD		-1.5	-1.5	-17.2
GIW-11	9/21/2016 9:39	6.7	55.3	0.9	37.1	89.8		NFD		-1.5	-1.5	-17.3
GIW-11	9/27/2016 14:59	10.0	54.8	0.7	34.5	86.8		NFD		-1.6	-1.6	-18.1
GIW-12	9/6/2016 11:30	8.7	32.4	9.1	49.8	97.7		NFD		-0.5	-0.5	-15.6
GIW-12	9/6/2016 11:36	9.2	31.8	9.2	49.8	98.3		NFD		-0.5	-0.5	-15.6
GIW-12	9/15/2016 9:13	5.8	30.1	10.6	53.5	87.0		NFD		-0.5	-0.5	-17.2
GIW-12	9/15/2016 9:15	5.7	28.8	10.7	54.8	87.4		NFD		-0.6	-0.6	-15.0
GIW-12	9/20/2016 11:43	5.2	25.2	11.2	58.4	95.5		NFD		-0.4	-0.4	-16.7
GIW-12	9/20/2016 11:44	5.3	23.8	11.2	59.7	96.2		NFD		-0.4	-0.4	-15.8
GIW-12	9/21/2016 9:35	7.4	34.6	7.3	50.7	89.1		NFD		-0.4	-0.4	-16.7
GIW-12	9/21/2016 9:36	7.4	32.3	7.3	53.0	89.1		NFD		-0.4	-0.4	-14.9
GIW-12	9/27/2016 14:51	13.5	41.1	5.2	40.2	87.0		NFD		-0.3	-0.3	-16.0
GIW-12	9/27/2016 14:53	13.9	39.1	5.3	41.7	86.5		NFD		-0.4	-0.3	-17.1
GIW-13	9/6/2016 11:42	17.1	63.4	0.5	19.0	98.1		NFD		-2.9	-2.9	-8.3
GIW-13	9/6/2016 11:47	15.8	60.4	0.6	23.2	99.5		NFD		-2.9	-2.9	-8.8
GIW-13	9/15/2016 9:09	15.2	65.0	0.3	19.5	91.3		NFD		-2.9	-2.8	-8.2
GIW-13	9/20/2016 11:33	12.2	60.2	0.3	27.3	98.7		NFD		-2.7	-2.7	-7.8
GIW-13	9/21/2016 9:32	13.3	59.8	0.3	26.6	91.8		NFD		-2.6	-2.6	-7.5
GIW-13	9/27/2016 14:48	16.1	56.2	0.2	27.5	84.0		NFD		-2.5	-2.5	-8.6
LCS-5A	9/8/2016 9:34	59.4	39.2	0.0	1.4	94.8		NFD		-12.1	-11.5	-11.9
LCS-5A	9/15/2016 13:36	61.2	38.8	0.1	0.0	96.2		NFD		-10.9	-10.0	-11.5
LCS-5A	9/21/2016 14:11	56.5	39.5	0.1	3.9	96.2		NFD		-10.4	-10.3	-9.8

September 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		
LCS-5A	9/29/2016 11:07	57.9	39.4	0.0	2.7	92.5		NFD		-12.4	-12.4	-12.4
LCS-6B	9/8/2016 8:11	54.8	41.0	0.0	4.2	97.7		0	3	-1.5	-1.5	-11.5
LCS-6B	9/15/2016 11:37	58.7	40.3	0.3	0.7	104.1		73	73	-1.1	-1.1	-11.2
LCS-6B	9/21/2016 13:27	47.2	39.9	0.2	12.7	110.0		0	0	-1.3	-1.3	-11.0
LCS-6B	9/28/2016 9:34	49.4	39.5	0.1	11.0	90.3		3	NR	-2.0	NR	-11.3
LCS-6B	9/29/2016 10:18	46.9	37.6	0.1	15.4	79.6		2	6	-1.8	-1.8	-12.3
PGW-60	9/9/2016 9:18	57.5	40.1	0.0	2.4	85.5		29	13	-8.2	-11.7	-8.0
PGW-60	9/21/2016 14:39	58.0	38.5	0.1	3.4	91.9		16	19	-7.4	-6.9	-7.5
PGW-60	9/29/2016 11:56	58.4	39.6	0.0	2.0	78.0		15	26	-10.4	-9.9	-10.4
SEW-002	9/23/2016 8:54	0.0	37.1	19.0	43.9	90.1		12	12	-7.1	-7.1	-11.1
SEW-002	9/23/2016 8:55	0.0	16.5	18.9	64.6	96.5		11	13	-10.4	-10.8	-10.1
T-56	9/8/2016 9:01	46.2	36.0	0.3	17.5	82.0		14	15	-0.1	-0.1	-11.9
T-56	9/15/2016 13:19	56.9	35.5	0.0	7.6	83.8		40	40	-0.1	-0.1	-10.8
T-56	9/21/2016 13:53	42.0	33.9	0.4	23.7	80.7		12	21	-0.1	-0.1	-10.7
T-56	9/28/2016 10:01	36.6	33.0	2.3	28.1	76.6		17	19	-0.1	-0.1	-11.0
T-56	9/29/2016 10:49	31.5	31.3	1.1	36.1	75.2		12	16	-0.1	-0.1	-11.8

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
	June 2016	July 2016	August 2016	September 2016	><30°F	
GEW-001	--	--	--	--		
GEW-002	127.8	123.9	124.5	123.1		
GEW-003	117.3	117.9	118.9	116.7		
GEW-004	122.6	121.8	121.3	120.5		
GEW-005	98.7	96.7	97.8	96.7		
GEW-006	93.9	91.5	92.1	93.4		
GEW-007	103.4	101.5	101.4	100.6		
GEW-008	114.9	114.8	114.8	115.0		
GEW-009	125.8	125.9	126.7	126.4		
GEW-010	97.5	107.9	109.9	108.0		
GEW-011	--	--	--	--		
GEW-013A	165.5	146.6	147.0	172.7		
GEW-014A	--	--	--	--		
GEW-015	--	--	--	--		
GEW-016R	--	--	--	--		
GEW-018B	--	--	--	--		
GEW-018R	--	--	--	--		
GEW-019A	--	--	--	--		
GEW-020A	--	--	--	--		
GEW-021A	--	--	--	--		
GEW-022R	193.7	--	185.7	180.3		
GEW-023A	--	--	--	--		
GEW-024A	--	--	--	--		
GEW-025A	--	--	--	--		
GEW-026R	--	--	--	--		
GEW-027A	--	--	--	--		
GEW-028R	84.0	96.5	95.8	92.2		
GEW-029	--	--	--	--		
GEW-030R	--	--	--	--		
GEW-033R	--	--	--	--		
GEW-034	--	--	--	--		
GEW-034A	--	--	--	--		
GEW-035	--	--	--	--		
GEW-036	--	--	--	--		
GEW-037	--	--	--	--		
GEW-038	110.6	103.9	98.1	96.2		
GEW-039	136.0	133.1	134.7	126.9		
GEW-040	97.1	98.9	96.4	96.9		
GEW-041R	108.0	107.6	107.0	107.8		
GEW-042R	114.8	112.8	115.5	109.7		
GEW-043R	124.5	124.1	129.1	130.0		

Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)				Temp Trend	Comments
	June 2016	July 2016	August 2016	September 2016	><30°F	
GEW-044	97.2	96.5	93.9	93.8		
GEW-045R	105.2	102.9	100.7	100.6		
GEW-046R	102.2	101.1	101.8	101.4		
GEW-047R	118.1	115.9	115.6	116.2		
GEW-048	107.5	106.5	106.5	105.7		
GEW-049	115.0	111.7	112.5	111.6		
GEW-050	110.3	109.5	109.2	108.7		
GEW-051	131.4	128.4	128.9	128.1		
GEW-052	117.0	116.3	116	114.5		
GEW-053	143.0	142.2	142.9	143.5		
GEW-054	154.0	148.6	147.3	148.4		
GEW-055	130.0	129.1	128.9	129.4		
GEW-056R	155.5	164.6	163.6	174.2		
GEW-057B	145.2	130.3	93.9	102.1		
GEW-057R	131.2	125.0	119.0	127.8		
GEW-058	148.0	186.4	152.9	164.9		
GEW-058A	99.8	148.8	122.4	144.0		
GEW-059R	192.9	189.2	182.1	187.4		
GEW-061B	--	--	--	--		
GEW-064A	--	--	--	--		
GEW-065A	98.4	103.7	--	--		
GEW-066	--	--	--	--		
GEW-067A	193.7	157.0	136.6	146.3		
GEW-068A	--	--	--	--		
GEW-069R	--	--	--	--		
GEW-070R	--	--	--	--		
GEW-071	--	--	--	--		
GEW-071B	--	--	--	--		
GEW-072RR	--	--	--	--		
GEW-073R	--	--	--	--		
GEW-075	--	--	--	--		
GEW-076R	--	--	--	--		
GEW-077	120.7	198.9	192.9	187.0		
GEW-078R	190.2	188.5	180.9	186.4		
GEW-080	82.3	98.5	96.2	80.8		
GEW-081	87.6	--	--	--		
GEW-082R	191.6	192.3	184.5	188.6		
GEW-083	--	--	--	--		
GEW-084	--	--	--	--		
GEW-085	--	--	--	--		
GEW-086	96.2	102.5	82.5	105.8		

Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)				Temp Trend	Comments
	June 2016	July 2016	August 2016	September 2016	><30°F	
GEW-087	--	--	--	--		
GEW-088	--	--	--	--		
GEW-089	99.2	109.5	85.3	93.4		
GEW-090	189.6	183.3	175.8	183.0		
GEW-091	--	--	195.0	197.2		
GEW-100	--	--	--	--		
GEW-101	--	--	--	--		
GEW-102	192.3	125.4	97.7	188.3		
GEW-103	--	--	--	--		
GEW-104	104.5	112.5	95.6	91.3		
GEW-105	178.7	--	--	--		
GEW-106	--	--	--	--		
GEW-107	92.3	--	--	--		
GEW-108	92.8	110.4	81.5	89.1		
GEW-109	111.8	110.9	137.3	134.0		
GEW-110	111.7	113.7	113.0	118.4		
GEW-112	93.6	110.4	91.5	--		
GEW-113	171.6	173.6	172.6	173.7		
GEW-116	90.8	--	--	--		
GEW-117	95.3	119.7	98.7	150.9		
GEW-118	200.1	195	188.3	193.1		
GEW-120	146.5	152.1	152.5	153.3		
GEW-121	184.6	180.8	175.7	178.6		
GEW-122	180.4	188.8	192.5	188.5		
GEW-123	187.9	185.2	186.3	102.1		
GEW-124	98.9	92.4	107.4	97.7		
GEW-125	196.0	191.3	192.6	193.6		
GEW-126	185.2	154.5	184.7	180.9		
GEW-127	189.0	187.9	188.5	189.6		
GEW-128	174.8	172.2	167.1	176.7		
GEW-129	104.7	147.4	178.0	180.9		
GEW-130	179.2	176.2	170.8	171.7		
GEW-131	187.7	110.2	111.6	107.6		
GEW-132	166.9	166.1	167.3	165.1		
GEW-133	98.1	96.9	99.4	103.8		
GEW-134	139.8	150.5	147.8	150.1		
GEW-135	176.4	175.7	99.0	191.5		
GEW-136	126.9	121.3	124.2	126.1		
GEW-137	107.5	87.0	94.0	86.0		
GEW-138	150.5	153.8	154.9	164.7		
GEW-139	180.8	179.3	178.3	176.2		

Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)				Temp Trend	Comments
	June 2016	July 2016	August 2016	September 2016	><30°F	
GEW-140	176.2	167.6	147.0	140.0		
GEW-141	152.1	119.7	185.7	187.9		
GEW-142	97.9	95.3	175.2	150.9		
GEW-143	104.0	92.7	103.2	101.5		
GEW-144	94.4	91.7	99.2	106.6		
GEW-145	166.1	97.7	136.8	175.7		
GEW-146	104.7	100.4	106.7	104.8		
GEW-147	190.2	187.4	186.8	186.4		
GEW-148	99.0	79.5	100.2	159.8		
GEW-149	167.2	141.8	144.7	163.4		
GEW-150	150.3	156.9	166.9	181.4		
GEW-151	157.1	147	150.6	141.5		
GEW-152	182.9	183.9	180.8	175.2		
GEW-153	155.6	143.6	147.7	144.9		
GEW-154	186.4	79.1	126.0	123.2		
GEW-155	127.8	124.9	130.5	139.6		
GEW-156	124.8	115.0	124.5	114.7		
GEW-157	164.3	178.6	182.4	183.4		
GEW-158	91.4	96.2	97.3	156.9		
GEW-159	154.3	150.4	159.0	131.9		
GEW-160	171.1	139.0	187.9	187.6		
GEW-161	109.7	155.4	192.1	105.2		
GEW-162	179.8	79.5	175.7	180.1		
GEW-163	169.9	173.4	174.6	156.0		
GEW-164	161.4	100.0	115.7	114.5		
GEW-165	195.7	192.6	192.5	193.7		
GEW-166	188.5	175.2	188.5	197.9		
GEW-167	180.3	178.2	178.2	168.5		
GEW-168	190.8	184.1	186.8	184.5		
GEW-169	193.6	183.5	185.7	184.5		
GEW-170	180.6	172.1	160.1	160.7		
GEW-171	187.4	176.7	189.6	192.2		
GEW-172	192.3	185.1	188.3	191.6		
GEW-173	106.1	120.2	108.6	115.5		
GEW-174	173.1	156.9	170.2	171.2		
GEW-175	163.3	139.6	150.1	145.9		
GEW-176	120.2	169.5	161.1	144.0		
GEW-177	--	193.7	191.9	190.9		
GEW-1A	113.5	109.5	106.3	112.0		
GEW-2S	108.0	115.8	109.6	99.9		
GIW-01	171.6	168.8	158.8	185.7		

Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)				Temp Trend	Comments
	June 2016	July 2016	August 2016	September 2016	><30°F	
GIW-02	103.8	100.2	100.6	107.2		
GIW-03	101.0	96.9	97.9	110.2		
GIW-04	106.5	96.6	101.9	107.5		
GIW-05	105.5	95.8	97.3	102.5		
GIW-06	103.5	91.5	100.7	93.2		
GIW-07	107.7	98.6	100.4	101.1		
GIW-08	108.2	92.9	99.4	99.2		
GIW-09	103.8	91.7	96.4	96.2		
GIW-10	106.9	100.8	102.8	99.4		
GIW-11	104.7	98.9	101.0	105.5		
GIW-12	101.1	98.1	98	98.3		
GIW-13	106.2	98.1	99.6	99.5		
LCS-1D	--	--	--	--		
LCS-2D	--	--	--	--		
LCS-3C	--	--	--	--		
LCS-4B	--	--	--	--		
LCS-5A	98.7	95.5	96.2	96.2		
LCS-6B	110.2	106.7	114.5	110.0		
PGW-60	78.0	86.7	96.0	91.9		
SEW-002	93.2	97.1	100	96.5		
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	72.3	81.7	84.9	83.8		

-- = 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	5/13/2016	52	39	2	6.8	ND	ND	See Note 3
GEW-002	6/8/2016	54	42	ND	ND	ND	ND	
GEW-002	9/7/2016	55	40	ND	4.1	ND	ND	
GEW-02S	5/13/2016	60	37	ND	ND	ND	ND	
GEW-02S	7/11/2016	62	35	ND	ND	ND	ND	
GEW-02S	9/12/2016	49	33	4	14	ND	ND	See Note 3
GEW-003	5/13/2016	52	39	ND	8.2	0.1	ND	
GEW-003	6/8/2016	51	40	ND	8.8	0.1	ND	
GEW-003	7/11/2016	52	39	ND	7.9	0.1	ND	
GEW-003	8/10/2016	55.6	39.9	ND	3.8	0.1	ND	
GEW-003	9/7/2016	53	40	ND	5.8	0.1	ND	
GEW-004	5/13/2016	50	39	ND	11	0.1	ND	
GEW-004	6/8/2016	52	39	ND	7.5	0.04	ND	
GEW-004	7/11/2016	54	40	ND	4.9	0.1	ND	
GEW-004	8/10/2016	55.3	40.8	ND	3.4	0.1	ND	
GEW-004	9/7/2016	54	41	ND	4.3	0.1	ND	
GEW-005	5/13/2016	31	27	4	38	0.03	ND	See Note 3
GEW-005	6/8/2016	51	38	ND	9.7	0.05	ND	
GEW-005	7/11/2016	46	35	ND	17	ND	ND	
GEW-005	8/10/2016	50.3	36.6	ND	12.5	0.04	ND	
GEW-005	9/8/2016	51	36	ND	12	ND	ND	
GEW-006	5/12/2016	50	37	ND	13	ND	ND	
GEW-006	7/12/2016	55	38	ND	6.4	ND	ND	
GEW-006	9/8/2016	56	39	ND	4.5	ND	ND	
GEW-007	5/12/2016	55	39	ND	4.5	ND	ND	
GEW-007	7/12/2016	57	40	ND	ND	ND	ND	
GEW-007	9/12/2016	54	38	1.8	6.2	ND	ND	See Note 3
GEW-008	5/12/2016	50	47	ND	ND	1	ND	
GEW-008	6/9/2016	50	46	ND	ND	1	ND	
GEW-008	7/12/2016	50	47	ND	ND	1.1	ND	
GEW-008	8/10/2016	50.5	45.6	ND	ND	0.9	ND	
GEW-008	9/12/2016	49	42	1.8	6.1	1.1	ND	See Note 3
GEW-009	5/12/2016	54	42	ND	ND	0.7	ND	
GEW-009	6/9/2016	52	42	ND	5.1	0.7	ND	
GEW-009	7/12/2016	53	43	ND	ND	0.5	ND	
GEW-009	8/10/2016	53.3	43	ND	ND	0.6	ND	
GEW-009	9/12/2016	51	41	ND	6.4	0.5	ND	
GEW-040	5/9/2016	58	40	ND	ND	ND	ND	
GEW-040	6/7/2016	57	40	ND	ND	ND	ND	
GEW-040	7/11/2016	57	40	ND	ND	ND	ND	
GEW-040	8/10/2016	56.3	39.7	ND	ND	ND	ND	
GEW-040	9/7/2016	57	40	ND	ND	ND	ND	
GEW-041R	5/9/2016	57	40	ND	ND	ND	ND	
GEW-041R	7/11/2016	52	36	2.3	9.5	ND	ND	See Note 3
GEW-041R	9/7/2016	53	37	2.1	8.1	ND	ND	See Note 3
GEW-042R	5/18/2016	55	42	ND	ND	ND	ND	
GEW-042R	6/7/2016	56	42	ND	ND	ND	ND	
GEW-042R	7/11/2016	56	42	ND	ND	ND	ND	
GEW-042R	8/10/2016	55.4	40.8	ND	ND	ND	ND	
GEW-042R	9/7/2016	55	42	ND	ND	ND	ND	
GEW-043R	5/9/2016	55	41	ND	3.3	0.2	ND	
GEW-043R	7/11/2016	55	42	ND	ND	0.3	ND	
GEW-043R	9/7/2016	54	42	ND	3.5	0.2	ND	

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO_2	O_2/Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)					(ppm)	
GEW-044	5/9/2016	51	35	2.8	11	ND	ND	See Note 3
GEW-044	7/11/2016	57	40	ND	ND	ND	ND	
GEW-044	9/7/2016	57	40	ND	ND	ND	ND	
GEW-045R	5/9/2016	53	40	ND	5.5	ND	ND	
GEW-045R	6/7/2016	54	41	ND	4.2	ND	ND	
GEW-045R	7/11/2016	55	41	ND	ND	ND	ND	
GEW-045R	8/10/2016	54.2	41.2	ND	3.5	ND	ND	
GEW-045R	9/7/2016	55	43	ND	ND	ND	ND	
GEW-046R	5/13/2016	52	39	ND	7.9	0.1	ND	
GEW-046R	6/7/2016	54	40	ND	4.6	0.1	ND	
GEW-046R	7/11/2016	41	30	5.5	23	0.1	ND	See Note 3
GEW-046R	8/10/2016	54.4	40.4	ND	4.4	0.1	ND	
GEW-046R	9/7/2016	55	41	ND	3.1	0.1	ND	
GEW-047R	5/13/2016	41	33	3.1	23	0.1	ND	See Note 3
GEW-047R	6/8/2016	51	39	ND	8	ND	ND	
GEW-047R	7/11/2016	49	38	ND	11	0.1	ND	
GEW-047R	8/10/2016	52.3	39.9	ND	7.2	0.1	ND	
GEW-047R	9/8/2016	50	39	ND	10	0.1	ND	
GEW-048	5/13/2016	53	39	ND	7.3	0.04	ND	
GEW-048	6/8/2016	55	39	ND	4.9	ND	ND	
GEW-048	7/12/2016	55	39	ND	4.8	0.03	ND	
GEW-048	8/10/2016	56.7	40.6	ND	ND	ND	ND	
GEW-048	9/8/2016	12	8.1	18	63	ND	ND	See Note 1 and 3
GEW-049	5/13/2016	48	36	ND	15	0.05	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-050	5/12/2016	54	37	ND	7.5	ND	ND	
GEW-050	7/12/2016	57	39	ND	3.5	0.1	ND	
GEW-050	9/12/2016	56	39	ND	3.4	0.1	ND	
GEW-051	5/13/2016	55	41	ND	ND	1.1	ND	
GEW-051	7/12/2016	56	42	ND	ND	0.9	ND	
GEW-051	9/8/2016	54	41	ND	ND	1	ND	
GEW-052	5/12/2016	54	38	ND	7	0.04	ND	
GEW-052	7/12/2016	54	40	ND	6	ND	ND	
GEW-052	9/12/2016	54	40	ND	4.5	0.03	ND	
GEW-053	5/13/2016	50	42	ND	ND	4.7	66	
GEW-053	6/8/2016	50	42	ND	ND	5.6	68	
GEW-053	7/12/2016	48	45	ND	ND	5.5	65	
GEW-053	8/10/2016	49.6	42.9	ND	ND	4.8	61	
GEW-053	9/8/2016	49	43	ND	ND	4.6	61	
GEW-054	5/13/2016	49	42	ND	ND	5	42	
GEW-054	6/8/2016	51	42	ND	ND	4.9	42	
GEW-054	7/12/2016	52	42	ND	ND	4.2	33	
GEW-054	8/10/2016	52.5	41.9	ND	ND	2.7	ND	
GEW-054	9/12/2016	50	40	ND	5.6	2.2	ND	
GEW-055	5/13/2016	53	43	ND	ND	1.4	ND	
GEW-055	6/8/2016	53	42	ND	ND	1.4	ND	
GEW-055	7/12/2016	53	43	ND	ND	1.4	ND	
GEW-055	8/10/2016	52.9	43.5	ND	ND	1.8	ND	
GEW-055	9/12/2016	53	42	ND	ND	1.6	ND	

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO_2	O_2/Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)					(ppm)	
Flare Station²	5/3/2016	49.0	37.2	ND	11.8	ND	ND	See Note 5
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 Station²	10/4/2016	46.1	35.8	2.3	14.9	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	5/12/2016	44	49	ND	5.1	0.6	76	
GEW-010	6/6/2016	53	43	ND	ND	0.2	ND	
GEW-010	7/11/2016	46	49	ND	3.3	0.3	37	
GEW-010	8/10/2016	46.9	42.6	2	8.2	0.2	ND	See Note 4
GEW-010	9/6/2016	56	41	ND	ND	0.2	ND	
GEW-022R	5/10/2016	0.4	56	3.4	12	26	4,000	See Note 3
GEW-022R	9/14/2016	0.02	0.1	22	78	ND	ND	See Note 3
GEW-028R	5/10/2016	0.1	45	4.6	17	31	3,800	See Note 4
GEW-028R	7/14/2016	0.2	50	2.5	9.2	33	3,800	See Note 4
GEW-038	5/12/2016	0.5	49	4.6	17	27	3,100	See Note 4
GEW-038	6/6/2016	0.5	57	3.7	13	24	3,300	See Note 4
GEW-038	7/11/2016	0.5	51	4.3	16	27	2,700	See Note 4
GEW-038	8/8/2016	0.5	50.4	4.3	15.6	27.3	2,700	See Note 4
GEW-038	9/6/2016	0.8	58	2.1	7.4	30	2,800	See Note 4
GEW-039	5/12/2016	35	52	ND	10	1.3	120	
GEW-039	6/6/2016	42	54	ND	ND	1.1	91	
GEW-039	7/11/2016	36	53	ND	8.7	1.5	110	
GEW-039	8/10/2016	24.3	35.5	4	35.7	0.5	75	See Note 4
GEW-039	9/6/2016	43	55	ND	ND	0.2	ND	
GEW-056R	5/12/2016	12	39	ND	36	11	640	
GEW-056R	6/6/2016	16	49	ND	24	9	680	
GEW-056R	7/11/2016	13	49	ND	19	17	770	
GEW-056R	8/10/2016	18.9	50.8	ND	13.4	15.6	600	
GEW-056R	9/6/2016	20	47	ND	22	10	430	
GEW-057R	5/9/2016	10	48	3.9	24	13	1,400	See Note 4
GEW-057R	7/14/2016	14	34	3.8	44	4.3	320	See Note 4
GEW-058	5/9/2016	5	51	1.7	6.9	34	2,200	See Note 4
GEW-058	7/17/2016	1.7	48	2.5	12	33	1,800	See Note 4
GEW-058A	5/9/2016	0.4	38	6.3	23	32	2,000	See Note 4
GEW-058A	7/14/2016	15	42	3.2	14	24	1,400	See Note 4
GEW-058A	9/14/2016	22	45	1.9	6.7	23	1,400	See Note 3
GEW-059R	5/9/2016	0.9	50	ND	ND	45	2,600	
GEW-059R	7/14/2016	3.8	50	ND	ND	41	1,600	
GEW-059R	9/14/2016	4.2	45	3.1	11	36	1,400	See Note 4
GEW-065A	5/9/2016	1.1	17	14	57	9.9	760	See Note 4
GEW-082R	5/10/2016	14	49	ND	ND	33	1,300	
GEW-082R	7/14/2016	2.3	48	1.8	6.4	40	1,800	See Note 3
GEW-082R	9/14/2016	4.7	50	ND	5.6	37	1,700	
GEW-086	5/10/2016	5.7	48	ND	3.7	41	2,300	
GEW-086	7/14/2016	8.2	49	ND	ND	38	1,300	
GEW-090	5/10/2016	0.9	56	ND	4.1	36	2,100	
GEW-090	7/14/2016	15	46	ND	ND	35	1,600	
GEW-090	9/14/2016	14	46	ND	5.6	31	1,500	
GEW-102	5/9/2016	2.4	54	1.7	6	33	1,300	See Note 3
GEW-102	9/13/2016	5	59	ND	ND	30	980	
GEW-107	5/10/2016	0.4	60	ND	3.8	33	3,000	
GEW-109	5/12/2016	11	53	ND	13	22	1,100	
GEW-109	6/6/2016	11	63	ND	3.3	20	1,600	
GEW-109	7/11/2016	6.3	32	8.5	37	15	720	See Note 3
GEW-109	8/8/2016	10	42.5	ND	30.2	15.5	540	
GEW-109	9/6/2016	20	52	ND	9.7	16	610	
GEW-110	5/12/2016	1	12	16	67	4.6	340	See Note 4
GEW-110	6/6/2016	15	36	3.2	42	2.9	300	See Note 4
GEW-110	7/11/2016	12	34	3.6	43	6.9	410	See Note 4

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO_2	O_2/Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)					(ppm)	
GEW-110	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-116	5/10/2016	3.3	61	2.3	8.4	24	2,200	See Note 4
GEW-117	5/10/2016	7.5	63	ND	4.8	22	2,300	
GEW-117	7/14/2016	5.6	66	ND	ND	23	2,100	
GEW-117	9/14/2016	16	55	1.9	20	5.9	290	See Note 3
GEW-118	5/10/2016	1.6	49	1.8	6.2	40	2,200	See Note 3
GEW-118	7/14/2016	1.7	52	2.2	9.6	32	1,500	See Note 4
GEW-118	9/14/2016	1.8	51	3	13	30	1,400	See Note 4
GEW-120	5/11/2016	16	59	1.9	14	7.7	470	See Note 4
GEW-120	7/12/2016	15	57	ND	21	6.2	300	
GEW-120	9/13/2016	15	52	3	24	5.6	280	See Note 3
GEW-121	5/11/2016	6.6	56	ND	4.6	30	2,200	
GEW-121	7/12/2016	6.9	57	ND	4.8	29	1,800	
GEW-121	9/13/2016	8.2	52	2.4	11	25	1,600	See Note 3
GEW-122	5/11/2016	14	53	ND	8.7	23	2,100	
GEW-122	7/12/2016	11	53	ND	3.2	30	2,200	
GEW-122	9/13/2016	16	53	ND	ND	27	2,000	
GEW-123	5/11/2016	4	59	ND	ND	31	3,400	
GEW-123	7/12/2016	5	60	ND	ND	30	2,700	
GEW-123	9/13/2016	21	58	2.7	9.8	7.5	770	See Note 3
GEW-124	5/11/2016	0.1	5.9	20	71	2.1	220	See Note 4
GEW-124	7/12/2016	10	61	ND	ND	23	1,900	
GEW-124	9/13/2016	9	60	ND	5.4	22	2,100	
GEW-125	5/11/2016	0.5	60	ND	ND	36	3,300	
GEW-125	7/13/2016	0.6	58	ND	ND	37	2,800	
GEW-125	9/13/2016	0.9	59	ND	ND	35	2,700	
GEW-126	5/10/2016	11	54	ND	4.3	28	3,200	
GEW-126	7/13/2016	15	51	ND	3.8	27	2,600	
GEW-126	9/13/2016	12	48	2.7	11	24	2,500	See Note 3
GEW-127	5/10/2016	0.8	65	ND	ND	30	5,100	
GEW-127	7/13/2016	1.9	65	ND	ND	28	3,900	
GEW-127	9/13/2016	3.9	67	ND	ND	24	3,400	
GEW-128	5/10/2016	3.4	61	ND	ND	32	3,400	
GEW-128	7/13/2016	8.2	63	ND	ND	25	2,600	
GEW-128	9/12/2016	5	47	7	25	16	1,800	See Note 4
GEW-129	5/10/2016	1.8	58	ND	5.8	31	3,400	
GEW-129	7/13/2016	2	57	2.5	8.8	29	2,800	See Note 3
GEW-129	9/12/2016	1.6	63	ND	ND	30	3,000	
GEW-130	5/10/2016	0.3	58	ND	ND	38	4,400	
GEW-130	7/13/2016	3.6	53	3.6	13	25	3,000	See Note 4
GEW-130	9/13/2016	6.3	52	4.4	17	18	2,400	See Note 4
GEW-131	5/11/2016	20	49	ND	ND	28	2,300	
GEW-131	7/13/2016	0.3	54	ND	ND	42	3,400	
GEW-131	9/14/2016	0.3	52	ND	ND	43	3,200	
GEW-132	5/11/2016	8.7	45	4.3	29	12	880	See Note 4
GEW-132	7/12/2016	10	46	3.3	24	15	890	See Note 4
GEW-133	5/11/2016	0.2	12	17	62	8.6	750	See Note 4
GEW-133	9/13/2016	3	57	2.7	9.5	27	2,000	See Note 3
GEW-134	5/12/2016	5.7	25	13	52	4.8	400	See Note 4
GEW-134	7/7/2016	7	30	8.4	49	5.1	330	See Note 4
GEW-134	9/13/2016	7.4	38	4.9	47	2.2	340	See Note 3
GEW-135	5/12/2016	4.1	31	9	40	15	910	See Note 4
GEW-135	7/7/2016	5.2	46	4.2	17	26	1,200	See Note 4
GEW-135	9/13/2016	3.4	48	3.2	11	33	1,700	See Note 3

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Well Name	Date Sampled	Methane	CO_2	O_2/Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)					(ppm)	
GEW-136	5/12/2016	3.8	23	12	55	5.9	360	See Note 4
GEW-137	5/12/2016	11	31	2.2	56	0.1	ND	See Note 3
GEW-137	7/7/2016	16	35	1.7	47	0.1	ND	See Note 3
GEW-137	9/13/2016	38	41	ND	19	0.1	ND	
GEW-138	5/12/2016	5.1	29	5.0	58	2.5	320	See Note 4
GEW-138	7/12/2016	3.1	26	5.9	57	6.9	520	See Note 4
GEW-139	5/12/2016	1.1	41	6.7	26	25	2,700	See Note 4
GEW-139	7/13/2016	2.7	52	2.3	9.2	32	3,000	See Note 4
GEW-139	9/13/2016	5.5	56	1.9	8.5	26	2,600	See Note 4
GEW-140	5/12/2016	7.6	39	6.8	29	17	1,600	See Note 4
GEW-140	9/13/2016	0.3	56	ND	3.9	36	3,200	
GEW-141	5/10/2016	0.4	59	ND	ND	34	3,800	
GEW-141	7/14/2016	0.2	54	2.5	8.7	33	3,400	See Note 3
GEW-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	5/18/2016	0.2	37	7.3	27	28	2,800	See Note 4
GEW-143	9/14/2016	0.01	1	22	77	0.4	65	See Note 3
GEW-144	5/18/2016	0.7	51	3.3	12	31	2,900	See Note 4
GEW-144	9/14/2016	ND	0.04	22	78	ND	ND	See Note 3
GEW-145	5/18/2016	1.3	54	ND	4.6	37	2,900	
GEW-145	9/13/2016	1.6	53	2.1	7.4	33	2,100	See Note 4
GEW-146	5/12/2016	2.8	14	13	69	0.6	97	See Note 4
GEW-146	9/12/2016	6.4	27	6.1	58	2	120	See Note 4
GEW-147	5/12/2016	8.9	50	1.9	8.7	30	1,700	See Note 3
GEW-147	7/7/2016	9.9	48	2.6	9.5	29	1,400	See Note 4
GEW-147	9/13/2016	11	48	2.9	10	27	1,400	See Note 3
GEW-148	5/12/2016	3.5	46	4.4	16	29	2,400	See Note 3
GEW-149	5/12/2016	8	43	5.6	27	15	1,400	See Note 4
GEW-150	5/12/2016	10	55	2.9	12	19	1,800	See Note 4
GEW-150	7/12/2016	12	46	5.4	23	12	920	See Note 4
GEW-151	5/12/2016	0.2	6.9	19	68	6.3	570	See Note 4
GEW-151	7/6/2016	11	36	5.5	39	8.5	550	See Note 4
GEW-152	5/18/2016	7.4	50	ND	5	36	3,100	
GEW-152	7/12/2016	11	51	ND	ND	33	2,200	
GEW-152	9/14/2016	0.1	0.4	22	78	0.1	ND	See Note 3
GEW-153	5/13/2016	21	47	ND	7.7	23	1,100	
GEW-153	7/12/2016	29	43	ND	12	13	430	
GEW-153	9/14/2016	20	30	6.5	34	8.5	280	See Note 3
GEW-154	5/12/2016	11	27	9.9	40	12	840	See Note 4
GEW-155	5/12/2016	4.3	34	6.1	41	4.3	700	See Note 3
GEW-155	5/18/2016	4.4	48	ND	19	27	1,300	
GEW-156	5/12/2016	6.3	20	12	60	1.5	230	See Note 4
GEW-157	7/12/2016	0.7	56	ND	ND	39	3,100	
GEW-157	9/14/2016	9.8	52	2.3	8.3	27	1,900	See Note 3
GEW-158	5/18/2016	0.8	45	4.9	19	30	1,900	See Note 4
GEW-158	7/12/2016	21	56	ND	ND	19	1,100	
GEW-159	5/13/2016	16	51	ND	22	8.2	590	
GEW-159	7/14/2016	19	55	ND	16	8.1	500	
GEW-159	9/14/2016	22	50	ND	25	2	91	
GEW-160	5/12/2016	3	54	1.8	6.6	33	2,800	See Note 3
GEW-160	7/6/2016	4.1	57	ND	3.4	33	2,400	
GEW-160	9/12/2016	4.1	56	ND	5.8	31	2,100	
GEW-161	5/12/2016	1.3	28	4.3	25	40	3,000	See Note 4
GEW-161	7/6/2016	0.5	54	ND	3.5	39	2,700	
GEW-161	9/12/2016	0.5	51	2.1	7.4	37	2,500	See Note 4

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Well Name	Date Sampled	Methane	CO_2	O_2/Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)					(ppm)	
GEW-162	5/12/2016	15	56	3.6	13	11	940	See Note 3
GEW-162	7/6/2016	22	65	2.2	8.3	1.5	140	See Note 4
GEW-162	9/12/2016	7.1	61	1.9	6.9	22	1,600	See Note 3
GEW-163	5/11/2016	6.8	47	6.2	27	11	1,300	See Note 4
GEW-163	7/12/2016	7.7	48	5.7	26	12	1,000	See Note 4
GEW-164	5/11/2016	6.3	73	1.8	6.6	11	1,800	See Note 4
GEW-164	7/12/2016	3.7	72	ND	3.5	19	2,200	
GEW-164	9/13/2016	3.8	70	ND	5.3	18	2,400	
GEW-165	5/11/2016	1	69	ND	3.9	22	4,400	
GEW-165	7/12/2016	1.1	67	ND	ND	27	3,300	
GEW-165	9/13/2016	1.3	66	ND	3.4	26	3,200	
GEW-166	5/11/2016	1.4	56	1.8	7	31	3,800	See Note 4
GEW-166	7/12/2016	7.5	48	3.1	17	23	2,200	See Note 4
GEW-166	9/13/2016	0.3	60	ND	ND	35	3,500	
GEW-167	5/11/2016	4.2	35	7.9	34	18	1,600	See Note 4
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	5/11/2016	0.4	67	ND	ND	27	4,400	
GEW-168	7/13/2016	0.4	59	ND	ND	35	3,600	
GEW-168	9/13/2016	3.1	61	ND	3.8	29	2,900	
GEW-169	5/10/2016	0.2	63	ND	3.9	30	5,000	
GEW-169	7/13/2016	6	61	1.6	6.1	24	3,100	See Note 4
GEW-169	9/13/2016	5.5	61	2.1	7.7	22	2,900	See Note 4
GEW-170	5/10/2016	0.8	65	ND	ND	30	4,500	
GEW-170	7/13/2016	6.9	59	2.3	8.8	22	2,900	See Note 4
GEW-170	9/13/2016	7.5	59	2.6	11	18	2,600	See Note 4
GEW-171	5/18/2016	1.3	47	5.2	19	27	2,800	See Note 4
GEW-171	7/14/2016	5.5	60	ND	ND	30	2,700	
GEW-171	9/13/2016	4.1	42	7.5	27	18	1,700	See Note 3
GEW-172	5/18/2016	0.2	47	2.3	8	41	3,500	See Note 4
GEW-172	7/14/2016	0.2	53	ND	ND	41	3,500	
GEW-172	9/13/2016	5.3	55	ND	3.2	34	2,600	
GEW-173	5/12/2016	12	47	2.9	22	15	1,800	See Note 4
GEW-173	7/13/2016	9.6	34	6.2	42	7.4	780	See Note 4
GEW-174	5/12/2016	10	50	ND	17	21	1,700	
GEW-174	7/12/2016	9.2	38	5.2	32	15	1,100	See Note 4
GEW-174	9/13/2016	5.5	34	5.5	42	12	910	See Note 4
GEW-175	5/18/2016	16	50	4.2	19	11	980	See Note 4
GEW-175	7/12/2016	20	56	1.8	9.5	11	770	See Note 4
GEW-175	9/14/2016	ND	0.1	22	78	ND	ND	See Note 3
GEW-176	5/18/2016	6.5	61	ND	ND	30	2,700	
GEW-176	7/12/2016	12	63	ND	ND	21	1,400	
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	5/10/2016	2.2	67	ND	ND	26	2,700	
GIW-01	6/6/2016	1.7	60	2.7	9.4	25	2,900	See Note 4
GIW-01	7/11/2016	1.6	59	3.3	12	23	2,300	See Note 4
GIW-01	8/10/2016	1	31.1	12.1	43.4	11.8	1,300	See Note 4
GIW-01	9/6/2016	3.2	63	1.9	10	20	2,100	See Note 4
GIW-02	5/10/2016	5.1	42	6.7	31	14	1,200	See Note 4
GIW-02	6/6/2016	7.7	53	3.2	17	19	1,300	See Note 4
GIW-02	7/11/2016	7.2	48	4.8	26	13	890	See Note 4
GIW-02	8/10/2016	6.9	36.7	9.4	39.1	7.6	470	See Note 4
GIW-02	9/6/2016	3.9	29	12	50	4.4	280	See Note 4
GIW-03	5/10/2016	0.5	58	3.1	11	26	3,300	See Note 4

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Well Name	Date Sampled	Methane	CO_2	O_2/Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)					(ppm)	
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-04	5/10/2016	0.6	36	6.2	23	33	1,900	See Note 4
GIW-04	6/6/2016	0.4	35	7.7	28	28	2,100	See Note 4
GIW-04	7/11/2016	0.8	57	ND	ND	38	2,700	
GIW-04	8/8/2016	0.7	56.2	ND	3.7	37.7	2,600	
GIW-04	9/6/2016	0.7	56	2	6.9	34	2,400	See Note 4
GIW-05	5/10/2016	1.6	59	ND	ND	36	1,700	
GIW-05	6/6/2016	1.6	59	ND	ND	35	1,800	
GIW-05	7/11/2016	4.1	42	6.7	24	22	870	See Note 3
GIW-05	8/8/2016	2.4	57.3	ND	5.6	32.6	1,400	
GIW-05	9/12/2016	1.9	60	ND	ND	34	1,400	
GIW-06	5/11/2016	1	49	3.6	13	32	1,200	See Note 4
GIW-06	6/6/2016	1.2	56	ND	5.8	34	1,500	
GIW-06	7/11/2016	2.9	52	2.9	15	26	910	See Note 4
GIW-06	8/8/2016	3.2	52.7	ND	17.4	24.3	840	
GIW-06	9/6/2016	4.1	52	ND	19	23	740	
GIW-07	5/12/2016	9	37	9.8	36	7.5	890	See Note 4
GIW-07	6/6/2016	9.6	60	2.8	10	17	1,800	See Note 4
GIW-07	7/11/2016	7.7	57	5.3	19	10	1,000	See Note 4
GIW-07	8/10/2016	7.2	40.1	10.2	36.9	5.3	590	See Note 4
GIW-07	9/6/2016	1.4	15	18	64	2.4	190	See Note 4
GIW-08	5/12/2016	16	70	ND	6.7	6.3	690	
GIW-08	6/6/2016	2.5	51	8.5	31	8.8	1,400	See Note 3
GIW-08	7/11/2016	2.6	52	7.3	26	11	1,200	See Note 4
GIW-08	8/8/2016	15.1	62.4	ND	19.8	1.6	190	
GIW-08	9/6/2016	16	63	ND	18	1.8	220	
GIW-09	5/12/2016	1.5	25	11	56	5.9	480	See Note 4
GIW-09	6/6/2016	2	20	14	56	7.5	570	See Note 4
GIW-09	7/11/2016	1.2	47	6.7	26	18	1,300	See Note 4
GIW-09	8/8/2016	2.8	26.8	6.1	61.6	2.5	190	See Note 4
GIW-09	9/6/2016	2.2	16	12	67	2.3	150	See Note 4
GIW-10	5/12/2016	3.1	50	ND	11	35	2,100	
GIW-10	6/6/2016	0.5	52	ND	ND	44	2,700	
GIW-10	7/11/2016	0.4	53	ND	ND	43	2,400	
GIW-10	8/8/2016	0.8	54.4	ND	3.8	39.7	2,300	
GIW-10	9/6/2016	0.6	50	2.6	10	36	2,000	See Note 3
GIW-11	5/12/2016	5.5	48	4.3	24	17	1,900	See Note 4
GIW-11	6/6/2016	2.8	64	ND	ND	30	3,100	
GIW-11	7/11/2016	5.4	59	2	12	20	2,000	See Note 4
GIW-11	8/8/2016	6.5	60.7	1.9	11.1	19	2,000	See Note 4
GIW-11	9/6/2016	6.9	61	1.9	11	18	1,900	See Note 4
GIW-12	5/12/2016	0.7	38	9.5	35	16	1,800	See Note 4
GIW-12	6/6/2016	1.3	56	2.8	13	26	2,500	See Note 4
GIW-12	7/11/2016	5.8	36	8.1	40	9.3	740	See Note 4
GIW-12	8/8/2016	6.2	34	7.7	42.8	8.9	670	See Note 4
GIW-12	9/6/2016	6.2	32	9.6	45	7	470	See Note 4
GIW-13	5/12/2016	9.5	64	ND	4.6	21	1,500	
GIW-13	6/6/2016	5.7	66	ND	ND	26	2,000	
GIW-13	7/11/2016	11	64	ND	ND	20	1,300	
GIW-13	8/8/2016	10.1	66.2	ND	ND	20.1	1,300	
GIW-13	9/6/2016	12	63	ND	5.9	17	1,000	

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Well Name	Date Sampled	Methane	CO_2	O_2/Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)					(ppm)	
Flare Station²	5/3/2016	9.2	41.3	6.3	29.5	12.4	1,200	See Note 6
Flare Station²	6/7/2016	8.8	40.3	6.9	30.5	12.1	1,200	See Note 6
Flare Station²	7/5/2016	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

Notes: (3) Based on the oxygen verification readings taken with an Envision meter, it was determined there is a sample train leak. (4) Based on the oxygen verification readings taken with an Envision meter, it was determined that the readings are accurate. (5) Flare station gas concentration data is an average of 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)