

August 2015 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub>	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H <sub>2</sub> O		
GEW-002	8/7/2015	56.0	41.8	0.0	2.2	124.2		49	49	-0.7	-0.9	-30.3
GEW-002	8/7/2015	56.0	42.0	0.0	2.0	123.4		15	15	-0.3	-0.3	-30.5
GEW-002	8/13/2015	56.6	41.1	0.0	2.3	121.1		17	18	-0.4	-0.4	-30.6
GEW-002	8/13/2015	56.3	41.9	0.0	1.8	121.6		15	16	-0.6	-0.6	-29.4
GEW-002	8/18/2015	59.0	39.4	0.0	1.6	121.9		51	50	-1.1	-1.1	-25.3
GEW-002	8/18/2015	58.0	40.8	0.0	1.2	122.9		65	64	-1.5	-1.5	-26.1
GEW-002	8/25/2015	56.8	39.7	0.0	3.5	123.7		42	42	-0.6	-0.6	-28.9
GEW-003	8/31/2015	54.9	42.1	0.0	3.0	119.3		27	27	-0.6	-0.6	-16.9
GEW-003	8/7/2015	53.3	40.5	0.0	6.2	118.3		13	12	-0.1	-0.1	-31.4
GEW-003	8/13/2015	53.4	39.5	0.2	6.9	113.5		19	17	-1.1	-1.1	-28.2
GEW-003	8/13/2015	54.8	40.8	0.0	4.4	114.5		15	16	-0.9	-0.9	-30.6
GEW-003	8/18/2015	55.8	41.0	0.0	3.2	112.0		50	50	-0.4	-0.4	-25.8
GEW-003	8/18/2015	55.7	41.0	0.0	3.3	112.9		33	33	-0.6	-0.6	-25.3
GEW-003	8/25/2015	53.8	38.4	0.0	7.8	115.3		0	0	-1.2	-1.2	-27.7
GEW-003	8/25/2015	53.8	38.6	0.0	7.6	115.3		22	21	-1.2	-1.2	-27.1
GEW-003	8/31/2015	52.1	40.3	0.0	7.6	115.7		15	17	-0.7	-0.7	-27.4
GEW-003	8/31/2015	52.2	40.4	0.0	7.4	115.5		14	13	-0.6	-0.6	-27.4
GEW-004	8/7/2015	54.8	40.8	0.0	4.4	119.9		12	13	0.3	0.3	-30.1
GEW-004	8/13/2015	52.1	39.4	0.0	8.5	122.3		26	18	-1.0	-1.0	-30.7
GEW-004	8/13/2015	52.4	39.7	0.0	7.9	122.3		0	0	-1.0	-0.9	-29.4
GEW-004	8/18/2015	54.0	39.9	0.0	6.1	121.2		7	15	0.0	0.0	-25.8
GEW-004	8/18/2015	54.1	40.8	0.0	5.1	122.1		23	21	-0.1	-0.1	-24.8
GEW-004	8/25/2015	51.0	38.4	0.0	10.6	123.1		23	13	-1.2	-1.3	-27.7
GEW-004	8/25/2015	51.2	38.3	0.0	10.5	122.9		36	40	-1.3	-1.4	-27.7
GEW-004	8/31/2015	49.4	39.5	0.0	11.1	121.8		12	13	-0.6	-0.6	-28.5
GEW-004	8/31/2015	49.5	39.5	0.0	11.0	121.5		16	12	-0.6	-0.5	-27.6
GEW-005	8/7/2015	53.2	40.2	0.0	6.6	95.0		0	0	0.3	0.3	-28.4
GEW-005	8/7/2015	53.3	39.3	0.0	7.4	102.1		11	8	-0.1	-0.1	-28.4
GEW-005	8/13/2015	43.6	36.4	0.0	20.0	96.9		19	19	-0.6	-0.6	-30.2
GEW-005	8/13/2015	43.5	36.1	0.0	20.4	96.9		0	0	-0.6	-0.6	-29.9
GEW-005	8/18/2015	49.3	37.2	0.0	13.5	98.6		31	31	0.2	0.2	-25.7
GEW-005	8/18/2015	49.3	37.5	0.0	13.2	98.5		31	32	0.1	0.2	-26.2
GEW-005	8/25/2015	41.0	34.8	0.0	24.2	95.3		31	32	-0.7	-0.7	-27.6
GEW-005	8/25/2015	41.1	34.8	0.0	24.1	95.2		33	34	-0.7	-0.7	-27.1
GEW-006	8/7/2015	55.5	39.8	0.0	4.7	92.2		18	20	-0.1	-0.1	-29.3
GEW-006	8/13/2015	53.3	37.2	0.0	9.5	92.1		17	15	-0.5	-0.5	-30.6
GEW-006	8/18/2015	57.2	36.7	0.0	6.1	92.9		5	7	0.1	0.1	-25.0
GEW-006	8/18/2015	57.7	38.9	0.0	3.4	93.0		9	4	0.0	0.0	-24.6
GEW-006	8/25/2015	52.6	37.1	0.0	10.3	87.5		19	19	-0.7	-0.7	-27.5
GEW-006	8/25/2015	52.5	37.5	0.0	10.0	87.5		19	21	-0.7	-0.7	-27.9
GEW-006	8/31/2015	51.9	38.2	0.0	9.9	92.7		19	19	-0.4	-0.4	-27.6
GEW-006	8/31/2015	51.7	38.4	0.0	9.9	92.7		16	18	-0.4	-0.4	-27.6

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Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub>	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H <sub>2</sub> O		
GEW-007	8/7/2015	56.8	40.8	0.0	2.4	102.3		11	8	-0.3	-0.3	-27.9
GEW-007	8/13/2015	54.6	41.5	0.1	3.8	102.3		9	7	-1.3	-1.3	-26.5
GEW-007	8/19/2015	56.7	37.7	0.0	5.6	100.5		13	11	-1.0	-1.0	-24.7
GEW-007	8/25/2015	57.6	40.3	0.0	2.1	101.3		0	5	-0.9	-0.9	-29.4
GEW-008	8/7/2015	50.7	44.1	0.0	5.2	118.9		22	21	0.1	0.1	-28.1
GEW-008	8/7/2015	50.9	45.4	0.0	3.7	119.2		22	20	-0.1	-0.1	-28.7
GEW-008	8/13/2015	50.6	40.8	0.1	8.5	116.9		19	18	-0.7	-0.7	-26.2
GEW-008	8/13/2015	50.7	42.2	0.1	7.0	117.2		19	20	-0.7	-0.8	-26.4
GEW-008	8/19/2015	52.0	42.6	0.0	5.4	115.5		22	16	-0.6	-0.6	-25.9
GEW-008	8/25/2015	51.4	43.5	0.0	5.1	117.4		15	18	-0.6	-0.5	-29.3
GEW-009	8/7/2015	52.0	43.1	0.0	4.9	126.9		14	16	-0.1	-0.2	-24.1
GEW-009	8/13/2015	52.2	41.4	0.1	6.3	123.7		13	9	-0.4	-0.4	-25.1
GEW-009	8/13/2015	51.4	39.4	0.1	9.1	123.7		15	15	-0.4	-0.4	-23.3
GEW-009	8/19/2015	48.7	43.1	0.0	8.2	124.3		13	12	-0.4	-0.4	-25.0
GEW-009	8/25/2015	53.0	43.1	0.0	3.9	126.1		0	0	-0.2	-0.2	-15.6
GEW-010	8/6/2015	49.7	38.3	2.4	9.6	83.5				-11.5	-11.5	-20.4
GEW-010	8/6/2015	50.5	36.8	2.6	10.1	84.4				-11.0	-11.2	-23.4
GEW-010	8/14/2015	51.2	37.1	1.7	10.0	91.7				-7.3	-7.3	-24.7
GEW-010	8/19/2015	47.7	41.9	1.8	8.6	88.8				-6.3	-6.3	-24.0
GEW-010	8/19/2015	48.9	41.8	0.9	8.4	91.3				-5.7	-5.8	-24.2
GEW-010	8/25/2015	57.5	40.3	0.0	2.2	93.7				-0.2	-0.2	-21.3
GEW-026R	8/20/2015	0.7	27.3	16.5	55.5	91.3				-17.2	-17.1	-17.7
GEW-026R	8/20/2015	0.5	18.7	16.0	64.8	91.9				-17.1	-17.1	-18.5
GEW-027A	8/20/2015	0.5	52.1	0.2	47.2	115.3				-0.1	-0.1	-18.0
GEW-028R	8/20/2015	1.0	38.4	6.7	53.9	187.4				-18.6	-18.6	-19.1
GEW-028R	8/20/2015	0.7	43.4	6.1	49.8	188.5				-18.6	-18.6	-19.2
GEW-038	8/6/2015	0.3	50.8	3.8	45.1	114.7				-26.3	-26.9	-26.4
GEW-038	8/6/2015	0.3	48.7	4.0	47.0	113.5				-26.2	-27.7	-26.5
GEW-038	8/14/2015	1.4	42.4	7.9	48.3	118.0				-26.9	-26.7	-27.0
GEW-038	8/14/2015	0.5	41.9	7.4	50.2	118.3				-26.3	-26.3	-26.5
GEW-038	8/19/2015	2.8	47.5	5.5	44.2	112.5				-26.4	-26.4	-26.1
GEW-038	8/19/2015	1.2	48.4	5.4	45.0	111.8				-26.4	-26.4	-26.2
GEW-038	8/25/2015	0.3	48.7	4.6	46.4	118.1				-28.7	-28.7	-28.2
GEW-038	8/25/2015	0.4	48.9	4.4	46.3	118.4				-28.7	-28.4	-28.1
GEW-039	8/6/2015	40.2	51.7	0.0	8.1	134.1				-0.6	-0.6	-27.5
GEW-039	8/6/2015	40.2	50.3	0.0	9.5	134.1				-0.6	-0.6	-27.6
GEW-039	8/14/2015	38.1	50.9	0.0	11.0	134.3				-0.7	-0.7	-25.1
GEW-039	8/14/2015	39.1	50.9	0.1	9.9	134.3				-0.7	-0.7	-23.1
GEW-039	8/19/2015	43.9	48.3	0.2	7.6	131.8				-0.8	-0.8	-24.0
GEW-039	8/19/2015	42.6	50.7	0.1	6.6	131.8				-0.8	-0.8	-26.5
GEW-039	8/25/2015	41.0	51.0	0.0	8.0	133.2				-0.7	-0.7	-27.6
GEW-039	8/25/2015	41.0	50.8	0.0	8.2	133.2				-0.7	-0.7	-26.2

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		(% vol)				°F		scfm		H <sub>2</sub> O		
GEW-040	8/7/2015	57.5	41.0	0.0	1.5	96.8		9	9	0.0	0.0	-28.5
GEW-040	8/7/2015	56.8	40.7	0.0	2.5	97.0		12	12	-0.2	-0.2	-32.7
GEW-040	8/13/2015	57.8	41.1	0.0	1.1	95.8		39	39	-0.5	-0.5	-30.1
GEW-040	8/13/2015	58.0	39.7	0.0	2.3	96.1		11	11	-0.7	-0.7	-30.9
GEW-040	8/18/2015	59.3	40.1	0.2	0.4	96.5		8	11	-0.4	-0.4	-27.2
GEW-040	8/25/2015	58.4	39.1	0.0	2.5	94.8		0	0	-0.5	-0.5	-27.6
GEW-040	8/31/2015	57.1	40.0	0.0	2.9	97.3		12	13	-0.4	-0.4	-29.9
GEW-041R	8/7/2015	57.0	40.7	0.0	2.3	110.2		16	16	-0.1	-0.1	-32.8
GEW-041R	8/7/2015	56.6	41.1	0.0	2.3	110.4		17	14	-0.1	-0.1	-31.4
GEW-041R	8/13/2015	57.6	40.4	0.0	2.0	107.6		12	12	-0.6	-0.6	-31.2
GEW-041R	8/18/2015	58.2	40.4	0.1	1.3	107.4		16	12	-0.2	-0.2	-27.0
GEW-041R	8/25/2015	58.3	38.7	0.0	3.0	109.5		17	18	-0.4	-0.4	-27.2
GEW-041R	8/31/2015	57.5	38.5	0.0	4.0	109.4		13	16	-0.1	0.1	-26.1
GEW-041R	8/31/2015	57.3	39.9	0.0	2.8	110.2		17	18	-0.2	-0.2	-29.6
GEW-042R	8/7/2015	56.4	41.2	0.0	2.4	98.4		12	12	-0.1	-0.1	-28.7
GEW-042R	8/13/2015	57.2	40.9	0.0	1.9	98.7		9	9	-0.8	-0.8	-26.8
GEW-042R	8/13/2015	57.6	40.7	0.0	1.7	98.7		8	10	-0.8	-0.8	-26.3
GEW-042R	8/18/2015	57.5	40.6	0.1	1.8	101.5		7	7	-0.2	-0.2	-21.2
GEW-042R	8/25/2015	57.4	39.6	0.0	3.0	98.0		7	9	-0.5	-0.5	-23.2
GEW-042R	8/31/2015	56.1	41.2	0.0	2.7	102.5		10	10	-0.2	-0.2	-22.8
GEW-043R	8/7/2015	55.7	41.5	0.0	2.8	135.9		51	54	-0.1	-0.1	-30.7
GEW-043R	8/7/2015	55.8	42.2	0.0	2.0	135.9		56	54	-0.2	-0.3	-29.9
GEW-043R	8/13/2015	56.0	39.6	0.0	4.4	130.2		36	38	-3.7	-3.7	-30.6
GEW-043R	8/13/2015	55.9	41.8	0.0	2.3	130.8		26	27	-2.5	-2.5	-32.3
GEW-043R	8/18/2015	56.3	41.5	0.2	2.0	130.2		30	30	-1.3	-1.3	-25.2
GEW-043R	8/25/2015	56.2	40.1	0.0	3.7	131.8		56	57	-2.3	-2.3	-28.2
GEW-043R	8/25/2015	56.3	40.2	0.0	3.5	131.4		38	40	-2.0	-1.9	-26.6
GEW-043R	8/31/2015	54.6	41.8	0.0	3.6	130.2		29	30	-1.2	-1.2	-28.8
GEW-043R	8/31/2015	54.8	41.5	0.0	3.7	130.1		25	28	-0.9	-0.9	-27.2
GEW-044	8/7/2015	53.7	39.7	0.0	6.6	96.0		10	9	-0.1	-0.1	-31.3
GEW-044	8/13/2015	51.4	37.7	0.0	10.9	90.3		0	0	-1.0	-1.0	-25.6
GEW-044	8/18/2015	54.2	38.3	0.1	7.4	96.0		0	0	-0.2	-0.2	-21.8
GEW-044	8/25/2015	49.3	35.6	0.0	15.1	85.4		3	3	-0.7	-0.7	-25.8
GEW-044	8/31/2015	51.5	38.4	0.0	10.1	95.0		6	5	-0.3	-0.3	-27.3
GEW-044	8/31/2015	51.5	38.3	0.0	10.2	95.2		7	6	0.3	-0.3	-26.5
GEW-045R	8/7/2015	57.1	39.3	0.0	3.6	99.6		12	4	-3.5	-3.5	-30.1
GEW-045R	8/7/2015	56.8	39.7	0.0	3.5	100.6		4	4	-2.5	-2.5	-30.9
GEW-045R	8/13/2015	56.8	38.2	0.0	5.0	95.8		0	0	-2.7	-2.7	-29.8
GEW-045R	8/13/2015	58.2	40.0	0.0	1.8	96.2		0	7	-1.5	-1.5	-31.1
GEW-045R	8/18/2015	59.4	38.9	0.1	1.6	97.2		5	12	-0.2	-0.2	-26.0
GEW-045R	8/25/2015	58.8	38.3	0.0	2.9	92.0		4	5	-0.8	-0.8	-27.9
GEW-045R	8/31/2015	58.1	39.0	0.0	2.9	99.4		7	7	-0.3	-0.3	-28.2

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		(% vol)				°F		scfm		H <sub>2</sub> O		
GEW-046R	8/7/2015	53.0	40.7	0.0	6.3	101.8		16	16	-0.2	-0.2	-31.6
GEW-046R	8/13/2015	53.5	39.7	0.0	6.8	99.4		12	12	-0.5	-0.5	-29.7
GEW-046R	8/13/2015	53.7	40.8	0.0	5.5	99.4		12	11	-0.5	-0.5	-30.8
GEW-046R	8/18/2015	54.8	40.1	0.2	4.9	100.9		12	12	-0.1	-0.1	-26.2
GEW-046R	8/25/2015	54.3	39.1	0.0	6.6	97.0		12	12	-0.5	-0.5	-29.6
GEW-046R	8/31/2015	53.7	40.5	0.0	5.8	100.6		11	11	-0.2	-0.2	-27.7
GEW-046R	8/31/2015	54.0	40.6	0.0	5.4	100.8		9	12	-0.2	-0.2	-28.2
GEW-047R	8/7/2015	55.5	42.1	0.0	2.4	94.9		0	0	0.4	0.4	-30.7
GEW-047R	8/7/2015	55.5	42.0	0.0	2.5	121.8		24	24	-0.2	-0.2	-29.0
GEW-047R	8/13/2015	42.4	36.0	0.2	21.4	115.2		29	29	-1.0	-1.0	-29.1
GEW-047R	8/13/2015	42.9	37.2	0.2	19.7	114.7		20	22	-0.7	-0.7	-29.8
GEW-047R	8/18/2015	49.3	39.2	0.0	11.5	116.8		14	13	0.1	0.1	-25.2
GEW-047R	8/18/2015	49.0	38.9	0.0	12.1	117.0		36	36	0.1	0.1	-25.1
GEW-047R	8/25/2015	35.6	32.9	0.4	31.1	113.5		15	11	-0.8	-0.9	-26.9
GEW-047R	8/25/2015	35.2	32.5	0.3	32.0	113.5		16	16	-0.8	-0.8	-27.5
GEW-048	8/7/2015	55.8	40.2	0.0	4.0	108.5		21	23	-0.2	-0.1	-28.9
GEW-048	8/13/2015	53.1	39.3	0.0	7.6	106.7		0	0	-0.8	-0.8	-30.5
GEW-048	8/13/2015	53.5	39.5	0.0	7.0	106.7		42	43	-0.8	-0.8	-29.0
GEW-048	8/18/2015	55.8	39.4	0.0	4.8	107.4		16	19	0.2	0.2	-25.4
GEW-048	8/18/2015	55.9	39.9	0.0	4.2	107.5		13	20	0.1	0.1	-20.9
GEW-048	8/25/2015	52.0	38.3	0.0	9.7	106.3		20	19	-1.0	-1.0	-27.4
GEW-048	8/25/2015	51.9	38.3	0.0	9.8	106.3		22	20	-0.9	-0.9	-27.1
GEW-048	8/31/2015	52.4	39.4	0.0	8.2	107.2		16	16	-0.5	-0.5	-26.9
GEW-048	8/31/2015	52.6	39.1	0.0	8.3	107.0		17	20	-0.4	-0.4	-27.7
GEW-049	8/7/2015	56.5	40.1	0.0	3.4	93.2		14	15	-0.1	-0.1	-28.1
GEW-049	8/13/2015	41.0	36.5	0.1	22.4	110.9		36	37	-0.7	-0.7	-25.2
GEW-049	8/13/2015	42.1	35.9	0.1	21.9	110.6		16	16	-0.6	-0.6	-26.9
GEW-049	8/18/2015	56.7	39.2	0.0	4.1	113.1		0	0	0.4	0.4	-20.2
GEW-049	8/18/2015	57.5	40.1	0.0	2.4	114.7		5	0	0.2	0.3	-20.5
GEW-049	8/25/2015	46.7	36.9	0.1	16.3	110.7		41	42	-0.6	-0.6	-26.8
GEW-049	8/25/2015	47.2	36.9	0.1	15.8	110.6		23	24	-0.6	-0.6	-22.7
GEW-049	8/31/2015	46.2	39.3	0.1	14.4	109.7		16	13	-0.5	-0.5	-25.9
GEW-049	8/31/2015	48.0	38.1	0.0	13.9	107.2		0	0	-0.2	-0.2	-25.8
GEW-050	8/7/2015	55.8	39.2	0.0	5.0	111.1		16	16	-0.1	-0.1	-20.9
GEW-050	8/13/2015	54.7	38.0	0.0	7.3	109.5		14	19	-0.7	-0.7	-22.5
GEW-050	8/18/2015	57.2	40.4	0.0	2.4	109.7		16	16	-0.1	0.0	-24.7
GEW-050	8/18/2015	56.9	40.6	0.0	2.5	109.9		13	27	-0.1	-0.1	-23.9
GEW-050	8/25/2015	56.0	39.4	0.0	4.6	110.5		19	19	-0.7	-0.7	-22.3
GEW-050	8/31/2015	53.4	40.0	0.0	6.6	109.3		8	12	-0.4	-0.4	-24.8
GEW-051	8/7/2015	55.4	40.4	0.0	4.2	127.8		15	15	0.1	0.1	-27.6
GEW-051	8/7/2015	54.9	40.9	0.0	4.2	128.3		19	15	-0.1	-0.1	-28.8
GEW-051	8/13/2015	55.4	41.1	0.0	3.5	126.3		16	18	-1.2	-1.2	-31.6

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Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub>	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H <sub>2</sub> O		
GEW-051	8/18/2015	56.8	39.7	0.0	3.5	127.2		16	17	0.4	0.3	-24.5
GEW-051	8/18/2015	56.0	41.8	0.0	2.2	127.6		20	21	0.2	0.2	-24.4
GEW-051	8/25/2015	56.2	41.0	0.0	2.8	126.9		23	23	-1.0	-1.0	-28.0
GEW-051	8/25/2015	56.1	40.7	0.0	3.2	126.9		22	21	-0.9	-0.9	-27.7
GEW-051	8/31/2015	55.8	40.5	0.0	3.7	125.7		22	22	-0.8	-0.8	-28.8
GEW-052	8/7/2015	56.8	39.7	0.0	3.5	105.0		13	13	0.2	0.2	-28.7
GEW-052	8/7/2015	56.4	40.3	0.0	3.3	115.6		19	17	-0.1	-0.1	-28.8
GEW-052	8/13/2015	52.0	39.5	0.0	8.5	115.0		9	9	-0.2	-0.2	-29.9
GEW-052	8/19/2015	54.6	38.4	0.0	7.0	114.3		33	33	-0.1	-0.2	-24.3
GEW-052	8/25/2015	53.6	39.9	0.0	6.5	115.8		35	34	-0.2	-0.2	-28.0
GEW-052	8/31/2015	53.6	39.5	0.0	6.9	115.2		0	0	-0.2	-0.2	-27.7
GEW-053	8/7/2015	51.6	41.0	0.0	7.4	138.0		13	13	0.0	0.0	-28.7
GEW-053	8/7/2015	51.7	41.0	0.0	7.3	138.0		19	16	-0.1	-0.1	-28.4
GEW-053	8/13/2015	51.3	42.4	0.1	6.2	139.9		0	9	-0.9	-0.9	-29.4
GEW-053	8/13/2015	51.3	42.4	0.1	6.2	140.0		18	20	-0.9	-0.9	-29.9
GEW-053	8/19/2015	50.7	42.7	0.0	6.6	139.3		15	14	-0.5	-0.5	-26.1
GEW-053	8/19/2015	50.0	43.4	0.0	6.6	139.2		15	16	-0.5	-0.5	-26.5
GEW-053	8/25/2015	51.2	41.6	0.0	7.2	140.5		16	12	-0.3	-0.3	-27.6
GEW-053	8/25/2015	51.2	41.8	0.0	7.0	140.2		12	15	-0.3	-0.3	-28.7
GEW-053	8/31/2015	51.5	41.0	0.0	7.5	140.4		13	16	-0.4	-0.4	-28.5
GEW-053	8/31/2015	50.6	42.4	0.0	7.0	139.7		10	11	-0.3	-0.3	-28.3
GEW-054	8/7/2015	51.3	42.9	0.0	5.8	150.6		32	28	0.2	0.2	-29.1
GEW-054	8/7/2015	51.2	42.7	0.0	6.1	150.3		31	28	-0.1	-0.1	-28.3
GEW-054	8/13/2015	52.8	41.2	0.1	5.9	142.6		31	29	-1.9	-1.9	-29.7
GEW-054	8/13/2015	52.5	41.9	0.1	5.5	142.2		20	24	-1.3	-1.3	-29.1
GEW-054	8/19/2015	52.1	42.6	0.0	5.3	141.5		20	7	-0.8	-0.9	-24.6
GEW-054	8/19/2015	52.5	43.2	0.0	4.3	141.5		20	20	-0.9	-0.9	-25.9
GEW-054	8/25/2015	53.2	41.9	0.0	4.9	147.3		24	23	-0.2	-0.2	-28.2
GEW-054	8/25/2015	53.1	41.8	0.0	5.1	147.5		20	16	-0.2	-0.3	-29.2
GEW-054	8/31/2015	52.6	42.2	0.0	5.2	149.3		20	20	0.1	0.1	-26.9
GEW-054	8/31/2015	52.3	42.7	0.0	5.0	149.3		22	22	-0.1	-0.2	-29.7
GEW-055	8/13/2015	53.3	42.2	0.1	4.4	126.4		5	9	-0.7	-0.7	-27.7
GEW-055	8/13/2015	53.5	42.4	0.1	4.0	126.3		25	25	-0.7	-0.7	-27.5
GEW-055	8/19/2015	53.4	42.3	0.0	4.3	126.0		36	34	-0.6	-0.6	-30.8
GEW-055	8/25/2015	54.4	41.7	0.0	3.9	128.0		25	26	-0.3	-0.3	-28.4
GEW-056R	8/6/2015	2.7	53.5	0.1	43.7	173.1				-1.0	-1.0	-15.6
GEW-056R	8/6/2015	2.6	53.5	0.0	43.9	172.6				-0.9	-0.9	-15.0
GEW-056R	8/14/2015	5.0	38.4	1.1	55.5	171.2				-1.9	-1.9	-20.7
GEW-056R	8/14/2015	4.8	42.9	0.9	51.4	171.2				-1.9	-1.9	-21.7
GEW-056R	8/19/2015	4.0	43.2	0.5	52.3	171.2				-1.7	-1.7	-17.8
GEW-056R	8/19/2015	3.7	48.3	0.4	47.6	171.2				-1.7	-1.7	-20.3
GEW-056R	8/25/2015	3.3	50.1	0.1	46.5	169.5				-1.3	-1.4	-16.6

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		(% vol)				°F		scfm		H <sub>2</sub> O		
GEW-056R	8/25/2015	3.2	50.4	0.1	46.3	168.4				-1.3	-1.3	-13.6
GEW-057B	8/20/2015	0.6	61.1	0.0	38.3	179.3				19.9	20.0	19.9
GEW-057B	8/20/2015	1.1	60.5	0.0	38.4	179.8				19.5	19.6	19.6
GEW-057R	8/20/2015	1.0	61.6	0.0	37.4	184.1				18.7	18.8	18.7
GEW-057R	8/20/2015	1.1	60.5	0.0	38.4	184.1				18.7	19.2	19.0
GEW-058	8/20/2015	4.3	57.1	0.2	38.4	189.1				-18.8	-19.1	-24.7
GEW-058	8/20/2015	4.4	58.9	0.0	36.7	189.6				-9.4	-8.9	-25.0
GEW-058A	8/20/2015	0.9	54.0	1.6	43.5	181.4				-10.3	-11.0	-24.5
GEW-058A	8/20/2015	0.6	52.9	2.4	44.1	180.8				-12.3	-10.3	-24.5
GEW-059R	8/20/2015	3.0	52.5	0.8	43.7	185.2				-22.0	-22.0	-25.9
GEW-059R	8/20/2015	2.6	51.3	0.7	45.4	185.2				-22.5	-22.5	-26.5
GEW-061B	8/20/2015	0.7	19.7	19.6	60.0	88.8				-24.0	-24.1	-24.9
GEW-061B	8/20/2015	0.6	10.3	19.4	69.7	89.9				-24.4	-24.4	-24.4
GEW-065A	8/20/2015	1.0	42.3	0.3	56.4	196.0				-1.6	-0.1	-3.5
GEW-065A	8/20/2015	1.4	59.6	0.2	38.8	196.0				-1.3	-0.8	-3.8
GEW-067A	8/20/2015	0.8	18.6	15.7	64.9	185.2				-5.1	-4.9	-15.0
GEW-067A	8/20/2015	0.5	19.4	15.7	64.4	183.5				-5.5	-5.6	-16.0
GEW-082R	8/20/2015	1.1	63.2	0.0	35.7	192.5				-16.7	-16.7	-17.1
GEW-082R	8/20/2015	2.0	59.3	0.0	38.7	192.5				-16.7	-16.7	-17.2
GEW-086	8/21/2015	20.7	38.9	2.5	37.9	140.0				-23.0	-22.8	-23.7
GEW-086	8/21/2015	20.3	39.6	2.4	37.7	140.3				-22.7	-22.9	-23.4
GEW-086	8/21/2015	9.0	50.4	0.1	40.5	190.2				-20.0	-19.0	-20.3
GEW-086	8/21/2015	8.0	50.5	0.0	41.5	190.2				-20.5	-19.9	-21.3
GEW-089	8/21/2015	0.1	2.2	20.6	77.1	84.9				-23.2	-23.4	-23.4
GEW-089	8/21/2015	0.2	2.0	20.6	77.2	84.9				-23.6	-23.5	-23.9
GEW-090	8/26/2015	6.5	49.7	0.1	43.7	190.8				-16.7	-17.6	-16.6
GEW-090	8/26/2015	6.2	50.7	0.0	43.1	190.8				-16.1	-17.5	-17.0
GEW-104	8/20/2015	1.2	61.1	0.0	37.7	103.0				23.0	23.0	23.1
GEW-104	8/20/2015	1.0	62.3	0.0	36.7	104.7				23.4	23.4	23.4
GEW-105	8/20/2015	12.1	40.3	8.0	39.6	93.4				-6.4	-6.4	-17.0
GEW-105	8/20/2015	12.9	41.4	7.9	37.8	94.4				-8.8	-8.8	-17.1
GEW-107	8/20/2015	4.1	37.2	8.5	50.2	90.9				-27.4	-26.9	-27.5
GEW-107	8/20/2015	1.7	38.3	7.6	52.4	94.8				-27.4	-26.9	-27.2
GEW-109	8/6/2015	3.4	53.5	0.0	43.1	175.8				-27.2	-27.6	-26.9
GEW-109	8/6/2015	3.5	53.1	0.0	43.4	175.3				-27.3	-28.5	-29.3
GEW-109	8/14/2015	5.3	39.0	3.8	51.9	115.5				-23.3	-23.8	-23.1
GEW-109	8/19/2015	11.3	41.1	3.9	43.7	84.2				-27.1	-25.5	-27.0
GEW-109	8/25/2015	6.2	52.8	0.1	40.9	171.6				-24.8	-26.7	-25.7
GEW-109	8/25/2015	6.1	53.8	0.0	40.1	171.6				-27.1	-27.7	-29.6
GEW-110	8/6/2015	2.8	11.5	16.6	69.1	78.5				-0.2	-0.1	-23.0
GEW-110	8/6/2015	1.3	6.9	19.0	72.8	79.4				-0.2	-0.2	-22.5
GEW-110	8/14/2015	6.1	22.0	13.1	58.8	118.3				-0.5	-0.5	-23.8

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		(% vol)				°F		scfm		H <sub>2</sub> O		
GEW-110	8/14/2015	3.3	19.4	13.0	64.3	118.3				-0.5	-0.5	-24.2
GEW-110	8/19/2015	4.6	19.4	15.6	60.4	95.9				-1.1	-1.1	-23.6
GEW-110	8/19/2015	2.7	16.5	15.4	65.4	95.8				-1.1	-1.1	-23.4
GEW-110	8/25/2015	5.6	12.2	14.1	68.1	106.0				-1.2	-1.2	-17.7
GEW-110	8/25/2015	5.6	12.1	14.1	68.2	105.8				-1.2	-1.2	-20.0
GEW-116	8/21/2015	6.4	18.6	17.0	58.0	91.7		4	6	-18.0	-18.0	-18.1
GEW-116	8/21/2015	6.6	13.0	17.1	63.3	93.6		5	2	-16.0	-15.9	-17.7
GEW-117	8/21/2015	10.3	50.9	4.1	34.7	89.5				-18.0	-17.5	-12.2
GEW-120	8/4/2015	16.9	66.6	0.1	16.4	159.6				-3.3	-3.4	-3.4
GEW-120	8/4/2015	16.2	66.6	0.2	17.0	158.9				-3.3	-3.3	-3.4
GEW-120	8/19/2015	1.1	46.6	4.9	47.4	80.7				-16.4	-16.5	-16.2
GEW-121	8/4/2015	3.6	60.2	0.1	36.1	191.5				-6.8	-6.9	-7.8
GEW-121	8/4/2015	3.0	63.9	0.1	33.0	191.8				-6.9	-6.4	-7.4
GEW-121	8/19/2015	4.4	57.4	0.0	38.2	189.6				-14.9	-14.2	-14.8
GEW-121	8/19/2015	4.4	57.5	0.0	38.1	189.6				-14.5	-14.9	-15.0
GEW-122	8/4/2015	7.0	54.0	0.2	38.8	196.6				-12.8	-13.1	-13.8
GEW-122	8/4/2015	5.1	59.2	0.3	35.4	196.6				-12.3	-12.8	-14.2
GEW-122	8/19/2015	8.1	54.5	0.1	37.3	187.6				-14.5	-14.6	-14.4
GEW-122	8/19/2015	8.2	54.4	0.1	37.3	187.0				-14.3	-15.1	-14.7
GEW-123	8/4/2015	7.2	62.0	0.1	30.7	185.7				-8.4	-8.3	-8.9
GEW-123	8/4/2015	7.3	62.9	0.1	29.7	186.3				-8.4	-8.4	-8.9
GEW-123	8/19/2015	8.3	62.5	0.0	29.2	181.9				-16.5	-16.5	-16.4
GEW-123	8/19/2015	9.0	62.9	0.0	28.1	182.1				-16.4	-16.4	-16.6
GEW-124	8/4/2015	19.0	62.2	0.1	18.7	136.6				-7.5	-7.4	-8.4
GEW-124	8/4/2015	20.8	62.1	0.1	17.0	136.6				-7.5	-7.5	-8.7
GEW-124	8/19/2015	18.5	62.0	0.1	19.4	147.3				-12.4	-12.6	-15.5
GEW-124	8/19/2015	18.4	59.0	0.1	22.5	143.5				-12.4	-12.4	-15.7
GEW-125	8/4/2015	3.3	60.2	0.3	36.2	194.2				-8.3	-7.9	-8.9
GEW-125	8/4/2015	2.5	62.0	0.3	35.2	194.2				-7.9	-7.8	-8.3
GEW-125	8/19/2015	5.0	57.9	0.0	37.1	192.9				-14.9	-14.9	-15.7
GEW-125	8/19/2015	5.1	58.5	0.0	36.4	192.9				-15.4	-15.4	-16.1
GEW-126	8/4/2015	3.7	54.2	2.9	39.2	190.6				-7.9	-7.9	-8.4
GEW-126	8/4/2015	4.2	52.8	3.6	39.4	190.8				-5.5	-5.9	-7.8
GEW-126	8/19/2015	8.8	46.3	3.2	41.7	184.5				-9.0	-8.2	-10.8
GEW-126	8/19/2015	9.8	47.8	3.3	39.1	182.8				-9.2	-9.2	-10.5
GEW-127	8/4/2015	2.8	56.4	0.2	40.6	189.1				-7.4	-7.4	-8.3
GEW-127	8/4/2015	1.6	63.5	0.3	34.6	189.1				-7.4	-7.7	-7.8
GEW-127	8/19/2015	2.4	61.6	0.0	36.0	188.9				-11.2	-11.5	-10.3
GEW-127	8/19/2015	2.0	60.8	0.0	37.2	188.9				-11.0	-11.1	-11.1
GEW-128	8/4/2015	1.5	64.6	0.2	33.7	182.5				-6.4	-6.8	-7.7
GEW-128	8/4/2015	1.8	65.1	0.3	32.8	182.8				-7.5	-7.5	-7.9
GEW-128	8/19/2015	2.5	59.7	0.3	37.5	181.5				-15.5	-15.4	-15.7

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		(% vol)				°F		scfm		H <sub>2</sub> O		
GEW-128	8/19/2015	2.9	60.5	0.3	36.3	181.5				-16.4	-15.9	-16.4
GEW-129	8/4/2015	1.6	59.3	0.2	38.9	164.5				-7.3	-7.3	-7.8
GEW-129	8/4/2015	1.8	62.3	0.2	35.7	164.3				-7.8	-7.8	-7.8
GEW-129	8/19/2015	2.6	57.8	0.0	39.6	161.7				-16.9	-16.5	-16.7
GEW-129	8/19/2015	2.5	57.5	0.0	40.0	161.9				-16.5	-17.0	-16.6
GEW-131	8/4/2015	20.0	57.3	0.3	22.4	154.9				-13.3	-13.7	-13.7
GEW-131	8/4/2015	21.0	55.1	0.3	23.6	154.6				-13.9	-13.7	-14.3
GEW-131	8/19/2015	23.7	52.1	0.0	24.2	147.1				-11.6	-11.6	-11.7
GEW-131	8/19/2015	24.1	51.4	0.0	24.5	149.1				-14.5	-14.5	-14.2
GEW-132	8/4/2015	15.1	53.0	0.5	31.4	185.2				-9.3	-9.3	-15.4
GEW-132	8/4/2015	16.4	55.0	0.5	28.1	185.2				-8.9	-8.9	-14.9
GEW-132	8/19/2015	15.1	51.5	1.5	31.9	182.7				-10.6	-11.1	-15.6
GEW-132	8/19/2015	14.9	52.4	1.5	31.2	182.7				-11.1	-11.2	-17.7
GEW-134	8/4/2015	15.6	49.0	0.4	35.0	188.5				-11.3	-11.2	-16.2
GEW-134	8/4/2015	16.0	55.8	0.3	27.9	188.5				-15.6	-15.6	-16.0
GEW-134	8/19/2015	15.6	52.9	0.5	31.0	177.0				-17.0	-17.1	-16.7
GEW-134	8/19/2015	15.7	52.2	0.5	31.6	176.9				-17.0	-16.9	-16.6
GEW-135	8/4/2015	6.2	60.0	0.3	33.5	185.7				-14.2	-12.3	-15.7
GEW-135	8/4/2015	6.2	60.4	0.3	33.1	185.7				-13.2	-13.7	-14.4
GEW-135	8/19/2015	4.5	57.2	0.0	38.3	192.3				-13.3	-13.5	-12.9
GEW-135	8/19/2015	4.5	58.2	0.0	37.3	192.3				-14.5	-14.5	-16.1
GEW-136	8/4/2015	6.4	46.5	4.4	42.7	175.2				-0.7	-0.7	-16.7
GEW-136	8/4/2015	6.6	45.1	4.4	43.9	175.2				-0.6	-0.6	-16.3
GEW-136	8/19/2015	2.3	16.0	16.4	65.3	139.8				-1.8	-1.9	-15.5
GEW-136	8/19/2015	2.3	15.6	16.4	65.7	139.9				-1.9	-1.9	-16.0
GEW-137	8/4/2015	26.4	51.7	1.9	20.0	123.1				-7.4	-8.3	-9.2
GEW-137	8/4/2015	26.1	52.4	1.5	20.0	123.7				-6.9	-6.9	-6.8
GEW-137	8/19/2015	26.8	51.7	0.5	21.0	110.0				-4.5	-5.2	-5.0
GEW-138	8/4/2015	15.1	52.1	0.3	32.5	183.5				-2.7	-2.9	-8.0
GEW-138	8/4/2015	16.0	53.7	0.3	30.0	183.5				-3.0	-3.0	-9.2
GEW-138	8/19/2015	6.8	46.7	0.9	45.6	185.1				-1.1	-1.2	-4.0
GEW-138	8/19/2015	6.7	48.1	0.8	44.4	185.1				-1.4	-1.5	-4.6
GEW-139	8/4/2015	0.9	59.9	0.2	39.0	193.7				-5.4	-5.9	-7.0
GEW-139	8/4/2015	0.9	62.3	0.3	36.5	193.7				-6.9	-6.9	-7.9
GEW-139	8/19/2015	2.5	57.6	0.1	39.8	192.3				-11.8	-12.2	-12.8
GEW-139	8/19/2015	2.3	58.7	0.1	38.9	192.3				-11.4	-10.5	-11.7
GEW-140	8/4/2015	14.7	58.2	0.3	26.8	184.1				-2.4	-2.5	-2.2
GEW-140	8/4/2015	15.4	58.9	0.3	25.4	184.1				-3.1	-2.8	-3.1
GEW-140	8/4/2015	13.8	57.5	0.0	28.7	184.5				-3.8	-3.5	-3.5
GEW-140	8/4/2015	13.8	56.8	0.0	29.4	184.5				-3.3	-3.6	-3.0
GEW-140	8/19/2015	16.0	56.6	0.0	27.4	183.9				-0.2	0.0	0.0
GEW-140	8/19/2015	16.3	57.2	0.0	26.5	183.3				0.1	0.0	0.5



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Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub>	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H <sub>2</sub> O		
GEW-140	8/26/2015	12.0	54.9	0.0	33.1	184.5				-6.7	-6.8	-6.4
GEW-140	8/26/2015	11.5	55.3	0.0	33.2	184.4				-5.3	-5.7	-5.3
GEW-141	8/4/2015	6.5	57.8	1.1	34.6	138.3				-13.2	-13.2	-18.2
GEW-141	8/4/2015	6.7	60.1	1.1	32.1	140.7				-11.4	-11.3	-18.7
GEW-141	8/19/2015	6.6	60.9	0.0	32.5	131.7				-15.2	-15.5	-18.5
GEW-141	8/19/2015	6.8	62.8	0.1	30.3	136.2				-16.1	-16.0	-17.6
GEW-142	8/4/2015	0.9	61.0	0.5	37.6	172.1				-12.7	-12.7	-13.0
GEW-142	8/4/2015	1.2	60.4	0.3	38.1	173.1				-13.1	-12.8	-13.1
GEW-142	8/19/2015	1.1	57.9	0.7	40.3	170.0				-6.7	-6.7	-6.4
GEW-142	8/19/2015	1.2	58.4	0.4	40.0	169.0				-6.2	-6.2	-5.9
GEW-143	8/4/2015	0.7	57.9	0.1	41.3	152.5				-0.8	-0.7	-0.9
GEW-143	8/4/2015	0.7	58.0	0.0	41.3	153.2				-0.7	-1.0	-0.7
GEW-143	8/19/2015	1.5	56.0	0.0	42.5	197.9				-4.9	-4.8	-4.5
GEW-143	8/19/2015	1.6	55.7	0.0	42.7	197.9				-5.7	-5.7	-4.8
GEW-144	8/4/2015	1.1	53.8	2.6	42.5	115.1				-13.2	-15.7	-13.8
GEW-144	8/4/2015	1.1	55.2	2.1	41.6	115.5				-11.2	-11.0	-10.5
GEW-144	8/19/2015	4.7	57.1	1.4	36.8	108.0				-14.1	-12.5	-13.5
GEW-144	8/19/2015	5.2	57.6	0.8	36.4	106.3				-9.5	-12.9	-10.0
GEW-144	8/27/2015	4.5	58.7	0.1	36.7	137.1				-13.5	-10.4	-14.7
GEW-144	8/27/2015	4.1	59.7	0.0	36.2	137.1				-14.3	-15.9	-14.5
GEW-145	8/21/2015	0.1	2.2	20.8	76.9	90.1				-19.8	-20.1	-20.0
GEW-145	8/21/2015	0.2	2.2	20.6	77.0	90.3				-19.8	-19.7	-19.5
GEW-146	8/4/2015	14.3	42.2	4.7	38.8	108.7				-16.8	-17.1	-17.4
GEW-146	8/4/2015	15.3	41.3	4.9	38.5	109.0				-13.2	-13.5	-18.4
GEW-146	8/19/2015	5.8	24.0	9.8	60.4	98.9				-11.1	-11.1	-16.1
GEW-146	8/19/2015	6.1	22.4	9.8	61.7	100.7				-14.9	-14.9	-15.5
GEW-146	8/28/2015	9.7	29.3	6.9	54.1	99.9				-13.6	-13.6	-14.8
GEW-146	8/28/2015	9.4	29.4	6.9	54.3	100.1				-5.4	-5.4	-17.8
GEW-147	8/19/2015	6.7	57.5	0.1	35.7	193.6				-17.0	-16.9	-17.7
GEW-147	8/19/2015	7.0	58.2	0.0	34.8	193.6				-16.5	-16.5	-17.4
GEW-148	8/4/2015	1.6	20.9	8.3	69.2	108.2				-1.3	-1.3	-17.8
GEW-148	8/4/2015	1.6	19.8	8.3	70.3	108.2				-1.8	-1.8	-17.4
GEW-148	8/19/2015	1.4	5.3	17.7	75.6	71.1				-1.5	-1.5	-16.7
GEW-148	8/19/2015	1.5	4.7	17.7	76.1	72.5				-17.5	-17.4	-17.1
GEW-148	8/27/2015	0.7	34.4	8.7	556.2	77.1				-7.6	-9.0	-7.4
GEW-148	8/27/2015	0.8	35.8	8.3	55.1	76.9				-7.6	-9.0	-7.4
GEW-149	8/4/2015	20.2	54.6	0.5	24.7	147.1				-1.5	-1.6	-14.8
GEW-149	8/4/2015	20.7	55.0	0.5	23.8	147.7				-1.5	-1.5	-14.5
GEW-149	8/19/2015	21.4	43.0	3.5	32.1	143.9				-2.2	-2.2	-19.6
GEW-149	8/19/2015	21.3	44.9	3.4	30.4	144.5				-2.2	-2.2	-19.6
GEW-150	8/21/2015	4.3	65.5	0.0	30.2	181.5				26.4	26.4	26.9
GEW-150	8/21/2015	4.5	67.7	0.0	27.8	180.3				26.3	25.9	27.1

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Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub>	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H <sub>2</sub> O		
GEW-151	8/4/2015	0.6	47.1	5.5	46.8	114.4				-18.2	-18.1	-18.4
GEW-151	8/4/2015	0.7	49.8	4.7	44.8	114.5				-18.1	-18.1	-18.4
GEW-151	8/19/2015	0.8	6.2	19.2	73.8	71.8				-24.1	-23.8	-23.5
GEW-151	8/19/2015	1.0	7.2	19.0	72.8	71.8				-24.3	-24.5	-24.0
GEW-151	8/28/2015	0.1	6.9	19.2	73.8	88.7				-24.2	-24.5	-24.4
GEW-151	8/28/2015	0.1	7.4	18.4	74.1	92.7				-6.2	-6.2	-25.4
GEW-151	8/31/2015	9.9	55.7	0.7	33.7	190.8				-23.1	-22.6	-26.4
GEW-151	8/31/2015	8.9	54.8	0.5	35.8	190.8				-6.8	-6.9	-26.1
GEW-152	8/4/2015	3.7	17.7	15.1	63.5	172.6				-27.8	-27.8	-28.7
GEW-152	8/4/2015	7.3	33.7	8.0	51.0	173.1				-5.0	-5.4	-28.6
GEW-152	8/19/2015	10.3	40.1	7.5	42.1	180.1				-23.5	-23.8	-26.5
GEW-152	8/19/2015	11.6	41.5	5.9	41.0	180.3				-23.8	-24.3	-26.2
GEW-152	8/28/2015	5.2	40.5	5.8	48.5	183.3				-25.7	-25.7	-27.9
GEW-152	8/28/2015	5.9	50.1	2.5	41.5	183.9				-9.1	-9.2	-27.9
GEW-153	8/4/2015	13.3	47.2	1.9	37.6	106.3				-31.3	-31.7	-31.5
GEW-153	8/19/2015	29.8	44.7	0.0	25.5	121.5				-25.7	-25.7	-25.8
GEW-153	8/27/2015	23.3	44.1	0.0	32.6	126.9				-28.5	-28.1	-28.3
GEW-154	8/4/2015	37.4	55.0	0.0	7.6	150.6				0.3	0.4	-14.1
GEW-154	8/4/2015	36.5	56.3	0.0	7.2	152.1				-0.4	-0.4	-15.5
GEW-154	8/19/2015	15.5	36.6	8.0	39.9	175.3				-0.7	-0.8	-21.4
GEW-154	8/19/2015	19.2	41.6	7.6	31.6	175.9				-1.7	-1.8	-19.1
GEW-154	8/31/2015	7.1	12.1	16.1	64.7	130.5				-11.4	-11.8	-17.5
GEW-154	8/31/2015	7.4	11.2	16.2	65.2	121.2				-1.6	-1.5	-19.6
GEW-155	8/4/2015	14.7	53.3	0.9	31.1	179.8				-1.0	-1.0	-10.6
GEW-155	8/4/2015	14.6	54.0	1.0	30.4	179.8				-0.9	-1.0	-8.8
GEW-155	8/19/2015	4.2	40.8	5.5	49.5	175.8				-0.5	-0.5	-5.9
GEW-155	8/19/2015	3.9	38.3	6.9	50.9	177.5				-1.6	-2.2	-1.3
GEW-156	8/21/2015	27.4	53.3	0.1	19.2	140.9				-21.3	-21.3	-23.5
GEW-156	8/21/2015	28.7	52.6	0.0	18.7	141.2				-21.5	-21.5	-23.3
GIW-01	8/6/2015 9:40	1.2	57.2	0.3	41.3	179.8		0	0	-4.8	-3.3	-16.8
GIW-01	8/6/2015 9:45	1.6	59	0.3	39.1	180.6		17	17	-4.4	-4.4	-17.4
GIW-01	8/12/2015 9:55	5.2	54.2	0	40.6	189.1		22	21	-16.7	-18.1	-18.5
GIW-01	8/12/2015 9:56	3.8	60.2	0	36	188.8		53	31	-14.4	-11.1	-13.5
GIW-01	8/20/2015 9:30	4.5	67.8	0	27.7	189.1		39	30	-15.8	-16.5	-18.7
GIW-01	8/20/2015 9:30	4.8	68.4	0	26.8	189.1		30	32	-11.4	-13.8	-11.5
GIW-01	8/26/2015 11:18	2.7	63.3	0	34	176.9		0	32	-14.1	-15.2	-14.2
GIW-01	8/26/2015 11:19	2.9	63	0	34.1	177.5		12	37	-15.3	-13.8	-15.5
GIW-02	8/6/2015 9:25	0.5	56.3	4.2	39	76.2		10	8	-13.9	-13.7	-19.8
GIW-02	8/6/2015 9:30	0.5	51.6	3.5	44.4	75.9		13	13	-15.8	-15.7	-20.7
GIW-02	8/12/2015 10:07	0.6	49.8	1.4	48.2	89.9		11	11	-1.2	-1.2	-20.0
GIW-02	8/20/2015 9:25	1.4	64.2	0.3	34.1	81.3		10	11	-1.2	-1.2	-20.9
GIW-02	8/27/2015 10:29	4.6	64	0	31.4	84		3	3	-0.6	-0.6	-18.4

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Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub>	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H <sub>2</sub> O		
GIW-02	8/27/2015 10:31	4.6	63.7	0	31.7	84.4		3	3	-0.6	-0.6	-17.8
GIW-03	8/6/2015 9:16	0.4	58.3	4.9	36.4	78.4		0	5	-0.2	-0.3	-19.4
GIW-03	8/6/2015 9:20	0.2	52	4.6	43.2	78.4		0	0	-0.5	-0.4	-20.4
GIW-03	8/12/2015 10:11	0.3	57.8	2.2	39.7	91.3		9	9	-0.2	-0.2	-20.0
GIW-03	8/20/2015 9:18	0.5	62.7	0.6	36.2	79.1		10	0	0.0	-0.1	-20.6
GIW-03	8/20/2015 9:20	0.3	43.4	8.9	47.4	80		0	0	-3.0	-2.9	-20.7
GIW-03	8/27/2015 10:21	0.5	61.3	0.1	38.1	82.6		0	10	0.1	0.2	-18.6
GIW-03	8/27/2015 10:23	0.5	61.6	0	37.9	84		0	0	-0.3	-0.3	-19.1
GIW-04	8/6/2015 9:07	0.9	50.2	1.1	47.8	76.2		12	13	-2.1	-2.1	-19.1
GIW-04	8/6/2015 9:13	0.7	48.6	0.6	50.1	76.1		13	12	-2.6	-2.5	-20.3
GIW-04	8/12/2015 10:15	0.9	43	2.1	54	89.2		24	38	-4.0	-4.6	-19.9
GIW-04	8/20/2015 9:14	0.9	54.2	0.6	44.3	74.9		10	10	-4.1	-4.1	-19.9
GIW-04	8/27/2015 10:14	1	53.3	0.1	45.6	77.9		7	8	-1.5	-1.5	-18.1
GIW-04	8/27/2015 10:17	1	55	0	44	78.6		2	4	-2.0	-2.0	-19.6
GIW-05	8/6/2015 10:22	3.1	59.7	0.3	36.9	78.8		10	10	19.5	19.5	-16.5
GIW-05	8/6/2015 10:26	3	59.8	0.3	36.9	78.6		22	20	-20.0	-20.0	-20.4
GIW-05	8/12/2015 10:01	2.7	52.7	2.9	41.7	90.9		24	0	-20.2	-20.2	-20.0
GIW-05	8/12/2015 10:02	2.6	51.5	2.7	43.2	91.9		27	0	-19.8	-19.5	-20.0
GIW-05	8/20/2015 9:52	2.7	54.5	3.4	39.4	80.6		10	7	-19.2	-19.2	-19.9
GIW-05	8/20/2015 9:52	2.7	54.9	3.8	38.6	81.3		9	15	-19.1	-18.9	-20.1
GIW-05	8/26/2015 11:25	3	52.8	2	42.2	88.6		0	0	-17.1	-17.1	-17.7
GIW-05	8/26/2015 11:26	3.3	53.1	1.9	41.7	89.4		4	4	-17.1	-17.4	-17.5
GIW-06	8/6/2015 8:27	1.2	59.4	1	38.4	74.9		13	10	-18.4	-18.4	-20.4
GIW-06	8/6/2015 8:35	1	51.4	0.7	46.9	74.9		8	9	-5.7	-5.4	-20.4
GIW-06	8/12/2015 10:19	0.9	53.4	1.9	43.8	93.8		0	0	-19.3	-19.3	-20.4
GIW-06	8/12/2015 10:19	0.9	55.3	1.4	42.4	95.6		10	0	-17.1	-17.1	-20.5
GIW-06	8/20/2015 9:01	1.1	65	0	33.9	79.1		11	7	36.5	36.6	-19.7
GIW-06	8/20/2015 9:03	1.2	65.3	0	33.5	81.5		16	15	-6.0	-6.0	-19.8
GIW-06	8/27/2015 9:38	1.3	59.7	0.1	38.9	82.6		13	0	-8.5	-8.5	-19.1
GIW-06	8/27/2015 9:40	1.4	61	0	37.6	82.9		7	7	-3.4	-3.4	-19.1
GIW-07	8/6/2015 8:39	25.9	61.3	0.1	12.7	75.2		11	11	-0.1	-0.1	-0.2
GIW-07	8/6/2015 8:43	26	50.8	0.3	22.9	75.3		13	13	-0.2	-0.2	-0.4
GIW-07	8/12/2015 10:23	22.3	58.9	0	18.8	92.7		7	7	-0.1	-0.1	0.1
GIW-07	8/20/2015 8:57	19.9	64.3	0.1	15.7	75.5		14	13	-0.2	-0.2	-0.2
GIW-07	8/27/2015 9:54	20.1	61.4	0	18.5	84.6		4	5	-0.2	-0.2	-0.1
GIW-07	8/27/2015 9:55	20.2	61.9	0	17.9	84.6		0	0	-0.2	-0.2	-0.1
GIW-08	8/6/2015 10:13	19.1	47.9	6.4	26.6	78.8		343	344	-26.6	-26.7	-26.7
GIW-08	8/6/2015 10:17	18.4	44.7	6.8	30.1	79.8		347	347	-27.3	-27.3	-26.9
GIW-08	8/12/2015 9:47	12.6	40	8.7	38.7	91.1		347	347	-27.7	-27.7	-27.8
GIW-08	8/20/2015 9:56	15.8	49.2	6.6	28.4	82.4		341	341	-26.0	-26.1	-26.2
GIW-08	8/20/2015 9:56	15.4	47.5	6.8	30.3	82.8		336	342	-25.0	-26.0	-26.1
GIW-08	8/26/2015 11:31	12.1	36.6	8.9	42.4	85.8		360	359	-28.2	-27.8	-28.5


August 2015 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub>	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H <sub>2</sub> O		
GIW-08	8/26/2015 11:33	14.2	36.5	6.8	42.5	87.2		356	344	-27.3	-25.4	-28.4
GIW-09	8/6/2015 8:47	14.9	39.6	6.6	38.9	95		341	335	-26.9	-26.3	-27.7
GIW-09	8/6/2015 8:51	15.7	34.5	6.8	43	95.4		335	342	-25.8	-27.4	-27.3
GIW-09	8/12/2015 10:26	8.9	42.1	6	43	94.9		344	343	-27.3	-27.1	-29.8
GIW-09	8/20/2015 8:52	6.6	23.5	9.1	60.8	80.3		334	329	-24.5	-23.6	-25.0
GIW-09	8/20/2015 8:53	6.4	24.5	9	60.1	80.5		337	340	-25.1	-25.8	-27.0
GIW-09	8/27/2015 10:00	4	17.5	11.1	67.4	91.2		350	349	-26.7	-26.7	-28.1
GIW-09	8/27/2015 10:03	3.9	16.7	11.3	68.1	90.3		311	298	-20.9	-19.2	-29.3
GIW-10	8/6/2015 8:57	0.6	37.7	6.8	54.9	75		3	4	-15.0	-15.0	-19.9
GIW-10	8/6/2015 9:03	0.4	42.8	5	51.8	75.3		11	10	-19.4	-19.2	-19.9
GIW-10	8/20/2015 9:08	0.4	43	5.4	51.2	78.8		9	7	-19.4	-19.3	-19.9
GIW-10	8/20/2015 9:10	0.4	42.8	5.3	51.5	78.8		10	7	-19.4	-19.3	-19.9
GIW-10	8/27/2015 10:08	0.4	43.4	2.8	53.4	83.3		8	8	-18.3	-18.3	-18.6
GIW-10	8/27/2015 10:10	0.4	46.9	1.8	50.9	83.6		8	8	-18.2	-18.2	-18.6
GIW-11	8/6/2015 10:05	2.1	55.1	2.8	40	91.6		295	298	-19.2	-19.7	-19.4
GIW-11	8/6/2015 10:09	1.6	51.5	2.9	44	92.8		306	306	-20.9	-20.9	-21.2
GIW-11	8/12/2015 9:49	4.1	37.5	6.8	51.6	95.2		302	303	-20.2	-20.6	-20.7
GIW-11	8/20/2015 9:44	3.5	39.6	7.1	49.8	88.9		291	296	-18.4	-18.8	-18.5
GIW-11	8/20/2015 9:45	3.4	40.3	7.1	49.2	89.2		297	297	-19.2	-19.2	-19.3
GIW-11	8/26/2015 10:59	4.2	36.9	7.2	51.7	98.7		298	296	-18.4	-17.8	-18.2
GIW-11	8/26/2015 11:03	4.2	37.2	7.2	51.4	97.2		262	258	-13.6	-13.1	-17.6
GIW-12	8/6/2015 9:58	7.1	26.6	8.9	57.4	114.7		279	280	-17.8	-18.0	-18.3
GIW-12	8/6/2015 10:02	7.1	22.7	9.1	61.1	114.7		282	278	-18.4	-17.6	-18.6
GIW-12	8/12/2015 9:51	7.6	14.2	8.9	69.3	108.3		297	297	-20.0	-20.0	-20.3
GIW-12	8/20/2015 9:38	6.3	21.4	10.7	61.6	104.8		291	291	-18.7	-18.7	-19.3
GIW-12	8/20/2015 9:38	6.6	20.7	10.8	61.9	104.7		292	292	-19.1	-19.2	-19.6
GIW-12	8/26/2015 11:08	6.7	20.1	10.3	62.9	104.8		288	292	-17.0	-17.3	-17.5
GIW-12	8/26/2015 11:10	6.5	19	10.6	63.9	103		246	250	-12.0	-12.2	-18.0
GIW-13	8/6/2015 9:50	3.9	63.4	0.5	32.2	78.1		43	42	-0.2	-0.3	-0.5
GIW-13	8/6/2015 9:54	2.5	63.8	0.4	33.3	78.6		0	0	0.6	0.3	0.2
GIW-13	8/12/2015 9:53	6.5	29.8	1	62.7	124.9		173	172	-6.7	-6.5	-6.3
GIW-13	8/20/2015 9:34	7.2	61.2	0.3	31.3	95.8		147	144	-4.5	-4.2	-4.5
GIW-13	8/26/2015 11:14	7.5	56.9	0.5	35.1	112.1		143	134	-3.9	-3.5	-3.9
GIW-13	8/26/2015 11:14	7.8	55.6	0.7	35.9	111.2		136	137	-3.6	-3.7	-3.4
LCS-5A	8/7/2015 17:35	57.3	40.8	0	1.9	95.1				-24.9	-24.8	-28.0
LCS-5A	8/13/2015 10:55	58	39.4	0.1	2.5	95.3				-24.9	-25.8	-28.5
LCS-5A	8/25/2015 13:57	58.7	40.3	0	1	96.7				-24.8	-24.8	-27.8
LCS-5A	8/31/2015 18:23	57.8	40.1	0.2	1.9	91.1				-28.5	-28.2	-28.6
LCS-6B	8/7/2015 14:39	55.8	42	0	2.2	98.2		12	11	0.5	0.5	-31.3
LCS-6B	8/7/2015 14:41	55.3	42.2	0	2.5	98		13	12	-0.2	-0.2	-30.7
LCS-6B	8/13/2015 10:07	47.5	36.9	1.8	13.8	93		8	8	-1.2	-1.2	-30.1
LCS-6B	8/13/2015 10:07	48.6	38.2	1.7	11.5	93.6		7	8	-0.7	-0.7	-30.2

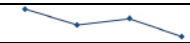
August 2015 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub>	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H <sub>2</sub> O		
LCS-6B	8/18/2015 14:20	56.5	41	0	2.5	89		8	7	0.7	0.7	-25.6
LCS-6B	8/18/2015 14:21	56.9	42.6	0	0.5	87.6		6	6	-0.6	-0.6	-25.6
LCS-6B	8/25/2015 11:15	51.5	38	1.3	9.2	84		6	6	-1.5	-1.5	-26.8
LCS-6B	8/25/2015 11:17	51.9	38	1.2	8.9	84		6	4	-1.5	-1.5	-28.3
LCS-6B	8/31/2015 16:09	52.4	40.5	0.7	6.4	99.6		8	8	-0.7	-0.7	-27.7
LCS-6B	8/31/2015 16:11	52.2	40.4	0.6	6.8	99.6		7	7	-0.7	-0.7	-28.3
PGW-60	8/13/2015 9:43	52.9	32.4	2.3	12.4	89.9		4	11	-30.2	-30.4	-30.2
PGW-60	8/18/2015 11:31					89.5		23	18	-15.8	-14.7	-22.5
PGW-60	8/18/2015 11:32					89.7		0	0	-15.1	-15.6	-19.6
PGW-60	8/26/2015 9:00	57.6	40.3	0.2	1.9	77.1		5	5	-25.7	-25.4	-25.8
PGW-60	8/26/2015 9:07	58.7	39.8	0.1	1.4	77.9		5	7	-11.1	-11.1	-26.4
PGW-60	8/31/2015 15:35	58.1	38.1	0	3.8	89.6		0	0	-1.4	-1.5	-26.8
SEW-002	8/21/2015 9:23	4	50.1	6.1	39.8	137				-18.4	-17.7	-18.4
SEW-002	8/21/2015 9:24	4.6	54.3	4	37.1	138.7				-18.4	-18.1	-18.4

## Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)				Temp Trend ><30°F	Comments
	May 2015	June 2015	July 2015	August 2015		
GEW-001	--	--	--	--		
GEW-002	124.0	122.6	126.0	124.2		
GEW-003	126.0	125.6	124.9	118.3		
GEW-004	122.0	124.0	122.7	123.1		
GEW-005	95.0	100.6	98.2	102.1		
GEW-006	91.3	101.8	93.1	92.9		
GEW-007	99.4	100.0	107.6	102.3		
GEW-008	120.0	118.1	119.4	119.2		
GEW-009	125.0	125.3	126.4	126.9		
GEW-010	108.8	98.5	110.5	93.7		
GEW-011	189.4	187.0	185.2	--		
GEW-013A	--	--	--	--		
GEW-014A	118.7	91.1	--	--		
GEW-015	--	--	--	--		
GEW-016R	196.6	--	--	--		
GEW-018B	--	--	--	--		
GEW-018R	193.1	92.2	--	--		
GEW-019A	--	--	--	--		
GEW-020A	84.8	99.8	70.9	--		
GEW-021A	112.8	158.5	115.8	--		
GEW-022R	191.9	191.6	187.6	--		
GEW-023A	186.9	--	--	--		
GEW-024A	--	201.6	200.1	--		
GEW-025A	193.7	117.5	--	--		
GEW-026R	115.5	131.4	84.9	91.9		
GEW-027A	176.2	181.9	175.8	115.3		
GEW-028R	184.6	179.7	184.6	188.5		
GEW-029	193.7	89.1	--	--		
GEW-030R	--	--	--	--		
GEW-033R	--	--	--	--		
GEW-034	102.6	--	--	--		
GEW-034A	--	--	--	--		
GEW-035	124.0	111.0	87.7	--		

## Wellfield Temperature - Bridgeton Landfill

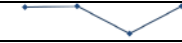
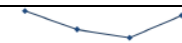
Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)				Temp Trend ><30°F	Comments
	May 2015	June 2015	July 2015	August 2015		
GEW-036	--	--	--	--		
GEW-037	--	--	94.6	--		
GEW-038	165.5	138.1	149.3	118.4		
GEW-039	139.0	136.0	135.7	134.3		
GEW-040	93.2	95.2	97.4	96.8		
GEW-041R	108.1	110.2	110.9	110.4		
GEW-042R	93.0	97.7	104.5	101.5		
GEW-043R	136.3	136.0	134.7	135.9		
GEW-044	99.0	100.0	96.1	96.0		
GEW-045R	87.6	98.2	101.4	100.6		
GEW-046R	90.9	100.9	101.5	101.8		
GEW-047R	117.0	117.3	118.6	121.8		
GEW-048	106.1	107.1	109.8	108.5		
GEW-049	110.0	114.5	112.2	114.7		
GEW-050	109.3	109.6	111.5	111.1		
GEW-051	125.0	127.0	127.5	128.3		
GEW-052	114.0	115.5	116.6	115.8		
GEW-053	139.7	141.5	140.6	140.5		
GEW-054	150.0	148.0	152.9	150.6		
GEW-055	127.0	127.2	128.7	128.0		
GEW-056R	175.0	169.0	168.1	173.1		
GEW-057B	179.3	178.4	--	179.8		
GEW-057R	186.3	185.7	178.0	184.1		
GEW-058	191.9	188.5	189.8	189.6		
GEW-058A	187.9	176.2	179.7	181.4		
GEW-059R	184.1	183.0	187.2	185.2		
GEW-061B	78.9	99.2	92.1	89.9		
GEW-064A	--	--	--	--		
GEW-065A	196.0	197.9	196.0	196.0		
GEW-066	196.7	195.0	--	--		
GEW-067A	194.2	195.4	165.7	185.2		
GEW-068A	--	--	--	--		
GEW-069R	102.1	97.7	--	--		
GEW-070R	85.1	102.8	--	--		
GEW-071	196.5	113.5	--	--		

Wellfield Temperature - Bridgeton Landfill


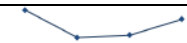
Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)				Temp Trend ><30°F	Comments
	May 2015	June 2015	July 2015	August 2015		
GEW-071B	--	--	--	--		
GEW-072RR	--	--	--	--		
GEW-073R	--	--	--	--		
GEW-075	72.9	93.1	--	--		
GEW-076R	--	--	--	--		
GEW-077	--	--	--	--		
GEW-078R	--	--	--	--		
GEW-080	197.8	197.2	--	--		
GEW-081	198.4	129.7	--	--		
GEW-082R	192.5	195.0	195.0	192.5		
GEW-083	92.7	112.9	--	--		
GEW-084	85.5	96.2	--	--		
GEW-085	97.1	108.1	107.0	--		
GEW-086	73.3	--	--	190.2		
GEW-087	--	--	--	--		
GEW-088	--	--	--	--		
GEW-089	77.6	99.1	93.1	84.9		
GEW-090	192.5	191.6	189.1	190.8		
GEW-091	--	--	--	--		
GEW-100	--	--	--	--		
GEW-101	92.1	107.5	130.6	--		
GEW-102	--	--	--	--		
GEW-103	84.5	--	--	--		
GEW-104	105.6	90.3	88.1	104.7		
GEW-105	83.2	111.0	98.9	94.4		
GEW-106	--	--	--	--		
GEW-107	147.0	85.9	70.2	94.8		
GEW-108	--	--	--	--		
GEW-109	178.5	179.7	178.7	175.8		
GEW-110	170.0	170.0	131.6	118.3		
GEW-112	--	100.3	--	--		
GEW-113	--	--	--	--		
GEW-116	87.4	--	65.6	93.6		
GEW-117	--	97.8	68.2	89.5		
GEW-118	--	--	--	--		



## Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)				Temp Trend ><30°F	Comments
	May 2015	June 2015	July 2015	August 2015		
GEW-120	194.8	165.2	129.7	159.6		
GEW-121	194.8	200.1	189.6	191.8		
GEW-122	194.8	87.2	191.9	196.6		
GEW-123	190.2	189.8	189.6	186.3		
GEW-124	--	190.9	146.3	147.3		
GEW-125	190.9	194.3	99.8	194.2		
GEW-126	194.2	197.9	196.0	190.8		
GEW-127	186.3	187.0	188.9	189.1		
GEW-128	182.4	181.5	182.1	182.8		
GEW-129	164.1	163.3	164.6	164.5		
GEW-130	--	--	--	--		
GEW-131	175.2	147.7	148.1	154.9		
GEW-132	188.5	185.1	184.7	185.2		
GEW-133	195.3	114.4	123.7	--		
GEW-134	182.8	190.6	194.8	188.5		
GEW-135	191.6	194.3	190.7	192.3		
GEW-136	197.2	147.0	171.2	175.2		
GEW-137	138.0	183.9	125.6	123.7		
GEW-138	178.2	183.3	190.1	185.1		
GEW-139	193.1	195.0	194.3	193.7		
GEW-140	187.4	188.9	187.4	184.5		
GEW-141	127.8	125.0	135.6	140.7		
GEW-142	191.6	184.5	187.0	173.1		
GEW-143	195.0	195.5	194.3	197.9		
GEW-144	143.9	145.2	113.8	115.5		
GEW-145	110.4	--	--	90.3		
GEW-146	136.1	99.2	106.2	109.0		
GEW-147	194.8	196.4	194.3	193.6		
GEW-148	194.5	187.0	109.9	108.2		
GEW-149	149.3	145.2	144.4	147.7		
GEW-150	191.8	149.7	131.4	181.5		
GEW-151	166.9	98.6	103.9	114.5		

## Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)				Temp Trend ><30°F	Comments
	May 2015	June 2015	July 2015	August 2015		
GEW-152	188.5	107.0	127.2	180.3		
GEW-153	95.3	95.6	109.7	121.5		
GEW-154	200.2	127.8	134.3	175.9		
GEW-155	150.7	150.2	187.9	179.8		
GEW-156	168.8	186.4	141.1	141.2		
GIW-01	195.0	193.0	176.7	189.1		
GIW-02	92.5	100.4	103.9	89.9		
GIW-03	90.5	97.8	103.0	91.3		
GIW-04	88.2	97.7	105.1	89.2		
GIW-05	93.4	96.3	96.2	91.9		
GIW-06	86.8	98.2	101.8	95.6		
GIW-07	88.0	95.6	99.8	92.7		
GIW-08	115.1	113.1	98.7	91.1		
GIW-09	193.7	192.0	103.0	95.4		
GIW-10	90.9	97.7	100.6	78.8		
GIW-11	170.2	169.4	112.8	98.7		
GIW-12	181.0	166.9	116.1	114.7		
GIW-13	172.5	162.8	96.2	124.9		
LCS-1D	--	--	--	--		
LCS-2D	--	--	91.5	--		
LCS-3C	--	--	--	--		
LCS-4B	--	--	--	--		
LCS-5A	94.2	95.3	95.8	96.7		
LCS-6B	90.5	102.8	99.7	98.2		
PGW-60	83.8	90.8	91.7	89.9		
SEW-002	--	--	157.5	138.7		
SEW-012A	85.7	--	--	--		
SEW-017R	136.0	107.3	96.0	--		
SEW-031R	--	194.9	197.2	--		
SEW-032R	--	--	--	--		
SEW-060R	--	--	--	--		

Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)				Temp Trend ><30°F	Comments
	May 2015	June 2015	July 2015	August 2015		
SEW-061R	--	100.1	--	--		
SEW-062R	82.1	87.5	--	--		
SEW-063	185.0	190.9	144.9	--		
SEW-064	152.1	152.9	--	--		
SEW-067	89.6	115.0	--	--		
SEW-072R	66.0	96.4	--	--		
SEW-074	90.6	92.2	--	--		
SEW-079R	90.5	101.1	--	--		
T-56	69.5	82.2	92.2	--		

-- = Indicates no data available.

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub> /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
North Quarry								
GEW-002	5/12/2015	57	40	ND	ND	ND	ND	
GEW-002	6/2/2015	55	39	ND	4.2	ND	ND	
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-003	5/12/2015	53	38	ND	8.4	0.1	ND	
GEW-003	6/2/2015	53	38	ND	6.8	0.1	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-004	5/12/2015	57	39	ND	ND	ND	ND	
GEW-004	6/2/2015	54	39	ND	5.3	ND	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-005	5/12/2015	56	36	ND	6.6	ND	ND	
GEW-005	6/3/2015	48	34	ND	16	ND	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-006	5/12/2015	57	37	ND	4.9	ND	ND	
GEW-007	5/13/2015	58	39	ND	ND	ND	ND	
GEW-007	7/9/2015	54	38	ND	6	ND	ND	
GEW-008	4/10/2015	51	44	ND	ND	2.6	33	
GEW-008	5/13/2015	52	42	ND	3.4	2.2	ND	
GEW-008	6/4/2015	52	43	ND	ND	1.7	32	
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-009	4/10/2015	49	40	ND	8.5	0.6	ND	
GEW-009	5/13/2015	53	40	ND	5.4	0.7	ND	
GEW-009	6/4/2015	53	40	ND	5	0.6	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-040	4/10/2015	54	43	ND	ND	ND	ND	
GEW-040	5/12/2015	57	40	ND	ND	ND	ND	
GEW-040	6/3/2015	48	34	3.8	14	ND	ND	
GEW-040	7/9/2015	56	40	ND	ND	ND	ND	
GEW-040	8/13/2015	57	38	ND	3.4	ND	ND	
GEW-041R	5/12/2015	58	39	ND	ND	ND	ND	
GEW-041R	7/9/2015	48	34	3.7	14	ND	ND	See Note 1
GEW-042R	5/12/2015	52	34	3.0	11	ND	ND	
GEW-042R	6/3/2015	49	34	3.1	13	ND	ND	
GEW-042R	7/9/2015	49	35	3.3	12	ND	ND	
GEW-042R	8/13/2015	57	39	ND	3	ND	ND	
GEW-043R	5/12/2015	57	41	ND	ND	0.0	ND	
GEW-043R	7/9/2015	56	42	ND	ND	0.2	ND	
GEW-044	5/12/2015	53	34	ND	12	ND	ND	
GEW-044	7/9/2015	43	31	4.0	22	ND	ND	See Note 1
GEW-045R	5/12/2015	60	37	ND	ND	ND	ND	
GEW-045R	6/4/2015	57	39	ND	ND	ND	ND	
GEW-045R	7/9/2015	57	38	ND	3	ND	ND	
GEW-045R	8/13/2015	57	37	ND	4	ND	ND	
GEW-046R	5/12/2015	56	38	ND	5.2	0.1	ND	
GEW-046R	6/4/2015	54	37	ND	6.9	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-047R	5/12/2015	56	40	ND	3.7	ND	ND	

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub> /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)						
GEW-047R	7/9/2015	43	35	2.0	20	ND	ND	
GEW-047R	8/13/2015	41	35	ND	22	0.1	ND	
GEW-048	5/12/2015	57	38	ND	4.3	ND	ND	
GEW-048	6/3/2015	52	36	ND	11	ND	ND	
GEW-048	8/13/2015	54	38	ND	8	ND	ND	
GEW-049	5/12/2015	54	37	ND	7.8	0.1	ND	
GEW-049	6/4/2015	43	32	2.0	22	ND	ND	
GEW-049	7/10/2015	33	27	6.0	34	ND	ND	See Note 1
GEW-049	8/13/2015	42	34	ND	23	ND	ND	
GEW-050	5/12/2015	58	39	ND	ND	0.1	ND	
GEW-051	5/12/2015	57	39	ND	ND	1.3	ND	
GEW-051	7/10/2015	55	41	ND	ND	1	ND	
GEW-052	5/12/2015	54	38	ND	7.7	ND	ND	
GEW-052	7/10/2015	49	39	ND	11	ND	ND	
GEW-053	5/13/2015	51	40	ND	ND	5.2	ND	
GEW-053	6/4/2015	51	41	ND	ND	5.8	71	
GEW-053	7/10/2015	49	40	2.0	6	3.3	41	
GEW-053	8/13/2015	51	41	ND	ND	5.2	59	
GEW-054	4/24/2015	51	41	ND	ND	4.6	ND	
GEW-054	5/13/2015	53	41	ND	ND	4.4	ND	
GEW-054	6/4/2015	53	41	ND	ND	2.9	35	
GEW-054	7/10/2015	50	43	ND	ND	4.2	ND	
GEW-054	8/13/2015	54	41	ND	ND	3.0	33	
GEW-055	4/10/2015	52	41	ND	3.9	2	ND	
GEW-055	5/13/2015	55	41	ND	ND	1.5	ND	
GEW-055	6/3/2015	49	37	3.0	9	1.2	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	

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

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub> /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)						
South Quarry								
GEW-010	4/10/2015	54	39	ND	4.3	0.5	83	
GEW-010	5/7/2015	41	36	2.6	20	0.7	75	
GEW-010	6/1/2015	50	36	2.5	9.9	ND	32	
GEW-010	7/9/2015	52	43	ND	3.3	0.2	ND	
GEW-010	8/6/2015	49	36	2.9	11.0	0.2	ND	See Note 1
GEW-011	5/13/2015	3.4	50	ND	21	23	2,200	
GEW-011	7/22/2015	3	61	ND	ND	32	2,300	See Note 2
GEW-016R	5/13/2015	0.6	55	ND	ND	41	2,500	
GEW-022R	5/13/2015	1.9	62	ND	ND	32	4,000	
GEW-023A	5/13/2015	0.1	65	ND	ND	31	4,800	
GEW-025A	5/13/2015	0.2	64	ND	ND	30	6,000	
GEW-028R	5/13/2015	1.9	50	3.6	13	30	3,400	
GEW-028R	7/9/2015	0.4	40	8.1	29	22	2,700	
GEW-028R	7/22/2015	19.0	45	6.4	23	23	2,700	See Note 2
GEW-029	5/13/2015	0.2	55	ND	ND	40	4,100	
GEW-038	4/15/2015	0.2	41	6.5	24	28	2,600	
GEW-038	5/7/2015	0.1	25	12.0	44	17	1,900	
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-039	4/15/2015	32	57	ND	ND	8.2	450	
GEW-039	5/7/2015	36	52	ND	4.9	5.2	250	
GEW-039	6/1/2015	37	53	ND	4.3	5.3	240	
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-056R	4/10/2015	14	41	1.9	32	10	680	
GEW-056R	5/7/2015	12	51	ND	9.7	26	1,400	
GEW-056R	6/16/2015	17	44	ND	23	15	890	
GEW-056R	7/9/2015	7.1	31	5.6	44	12	1,100	
GEW-056R	8/6/2015	2.2	52	ND	5	38	2,100	
GEW-057R	5/12/2015	0.5	55	ND	3.4	39	2,600	
GEW-057R	7/9/2015	0.5	55	ND	ND	40	2,500	
GEW-058	5/8/2015	0.9	54	1.7	7.3	35	2,600	
GEW-058	7/9/2015	4	55	ND	ND	37	2,200	
GEW-058A	5/8/2015	0.4	46	4.3	16	33	2,300	
GEW-058A	7/9/2015	0.4	49	2.3	8.2	39	2,700	
GEW-059R	5/8/2015	1.5	51	1.5	5.3	39	1,600	
GEW-059R	7/9/2015	0.4	52	ND	ND	43	1,900	
GEW-065A	5/12/2015	0.4	59	ND	ND	37	3,400	
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-071	5/13/2015	0.5	53	ND	ND	43	2,500	
GEW-080	5/13/2015	0.3	59	ND	3.3	35	4,000	
GEW-081	5/13/2015	0.3	61	ND	ND	35	3,900	
GEW-082R	5/13/2015	0.9	52	1.7	5.8	38	2,500	
GEW-082R	7/9/2015	1.0	55	ND	ND	40	2,100	
GEW-086	7/9/2015	13	46	3.2	17	20	1,200	
GEW-090	5/13/2015	6.3	50	ND	ND	39	2,400	
GEW-090	7/9/2015	4.1	50	ND	3.4	41	2,100	
GEW-107	5/13/2015	0.3	50	3.5	13	30	3,200	
GEW-109	4/15/2015	1.6	52	2.4	8.4	34	2,400	

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub> /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)						
GEW-109	5/7/2015	2.6	54	1.7	6	35	2,200	
GEW-109	6/1/2015	2.8	55	ND	ND	38	2,400	
GEW-109	7/9/2015	4	52	ND	10	32	1,700	
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-110	4/10/2015	15	40	3.6	27	14	1,200	
GEW-110	5/7/2015	11	32	5.4	41	10	970	
GEW-110	6/1/2015	12	37	4.7	32	14	1,200	
GEW-110	8/6/2015	1.4	9	18	69	3	320	
GEW-117	7/9/2015	10	65	ND	ND	20	1,900	
GEW-120	7/15/2015	26	68	ND	ND	2.2	230	
GEW-121	7/14/2015	2.4	58	ND	3.3	17	2,200	
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-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-127	7/14/2015	0.7	63	ND	ND	31	3,800	
GEW-128	7/14/2015	1.3	62	ND	ND	30	3,200	
GEW-129	7/14/2015	1.3	52	3.0	11	31	2,700	
GEW-131	7/14/2015	16	51	ND	3.6	27	1,700	
GEW-132	7/15/2015	13	52	1.9	9.3	23	1,200	
GEW-134	7/14/2015	10	55	ND	9.7	22	1,700	
GEW-135	7/14/2015	3.9	57	ND	ND	33	1,900	
GEW-138	7/14/2015	4.9	42	3.0	28	20	2,000	
GEW-139	7/14/2015	0.5	60	ND	ND	35	4,200	
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-143	7/14/2015	0.2	53	ND	ND	40	3,300	
GEW-147	7/14/2015	3	53	ND	5	36	2,200	
GEW-152	7/15/2015	5.8	52	ND	ND	37	2,900	
GEW-153	7/15/2015	20	47	2.0	15	15	920	
GEW-155	7/15/2015	5.8	49	2.5	21	21	1,100	
GIW-01	4/10/2015	3	67	ND	ND	27	2,600	
GIW-01	5/6/2015	4	65	ND	ND	26	2,800	
GIW-01	6/5/2015	3.6	65	ND	ND	27	2,800	
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-02	4/10/2015	10	57	ND	6	25	1,600	
GIW-02	5/6/2015	9.4	41	3.6	26	19	1,300	
GIW-02	6/5/2015	4.9	50	3.3	14	27	1,900	
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-03	4/10/2015	0.5	62	ND	ND	34	3,300	
GIW-03	5/6/2015	0.4	51	3.4	12	31	2,800	
GIW-03	6/5/2015	0.4	49	4.2	15	30	2,800	
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-04	4/8/2015	0.4	52	3.4	12	31	3,000	
GIW-04	5/6/2015	0.4	49	3.4	12	34	2,800	
GIW-04	6/5/2015	0.5	51	ND	4.8	42	3,200	
GIW-04	7/15/2015	0.5	52	2.0	7.2	38	2,800	
GIW-04	8/6/2015	0.7	54	ND	ND	42	2,800	
GIW-05	4/10/2015	0.7	60	ND	3.5	34	3,000	
GIW-05	5/6/2015	2.1	48	4.7	17	28	2,200	

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO <sub>2</sub>	O <sub>2</sub> /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
							(ppm)	
		(%)						
GIW-05	6/5/2015	1.8	34	7.8	28	28	1,700	
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-06	4/8/2015	0.8	63	ND	ND	32	1,900	
GIW-06	5/6/2015	0.8	64	ND	ND	32	2,300	
GIW-06	6/5/2015	0.6	40	7.0	25	27	1,600	
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-07	4/8/2015	29	58	ND	ND	9.6	800	
GIW-07	5/6/2015	28	58	ND	3.2	9.7	970	
GIW-07	6/5/2015	26	61	ND	ND	11	1,200	
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-08	4/8/2015	23	65	ND	3.3	7.5	1,100	
GIW-08	5/6/2015	23	66	ND	ND	7	1,300	
GIW-08	6/5/2015	22	66	ND	ND	8.7	1,500	
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-09	4/8/2015	0.8	64	ND	3.6	28	3,400	
GIW-09	5/6/2015	0.8	67	ND	3.5	26	3,400	
GIW-09	6/5/2015	0.8	64	1.6	5.7	26	3,200	
GIW-09	7/15/2015	12	44	3.3	30	10	850	
GIW-09	8/6/2015	15	36	6.7	35	7	590	
GIW-10	4/8/2015	0.7	54	ND	ND	42	3,200	
GIW-10	5/6/2015	3.5	53	ND	ND	39	2,600	
GIW-10	6/5/2015	3.8	54	ND	ND	39	2,700	
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-11	4/10/2015	2.5	53	2.5	10	30	2,700	
GIW-11	5/6/2015	2.1	54	2.5	9.9	30	2,700	
GIW-11	6/5/2015	2.3	44	5.0	21	27	2,200	
GIW-11	7/15/2015	34	3.1	8.0	37	18	1,600	
GIW-11	8/6/2015	1.7	52	3.1	13	30	3,000	
GIW-12	4/10/2015	2.3	55	3.4	14	25	2,300	
GIW-12	5/6/2015	3.5	62	1.6	6.9	25	2,500	
GIW-12	6/5/2015	4.3	46	4.8	23	21	1,900	
GIW-12	7/15/2015	5.1	20	11.0	60	4.1	490	
GIW-12	8/6/2015	6.7	24	8.9	54	5.3	470	
GIW-13	4/10/2015	4.6	58	ND	6.6	29	2,100	
GIW-13	5/6/2015	3.7	60	ND	3.7	30	2,400	
GIW-13	6/5/2015	6.1	56	1.5	7.3	28	2,300	
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	
Flare Station <sup>2</sup>	4/8/2015	6.8	28	12.0	44	9.1	960	
Flare Station <sup>2</sup>	5/5/2015	7.9	32	9.7	39	10	1,300	
Flare Station <sup>2</sup>	6/2/2015	8.3	31	9.9	40	11	1,100	
Flare Station <sup>2</sup>	7/1/2015	8.1	31	10	40	10	1,400	
Flare Station <sup>2</sup>	8/11/2015	9.5	32	9.1	38	10	1,500	

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

ND = Analyte not detected in sample.

<sup>2</sup> = Flare Station Inlet measured at EPA Method 2 flow port (blower outlet)