

Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)			
	Aug	Sept	Oct	Nov
North Quarry				
GEW-01	--	--	--	--
GEW-02	129	125	126	125
GEW-03	116	105	81	118
GEW-04	121	111	71	119
GEW-05	101	100	100	95
GEW-06	95	94	90	87
GEW-07	105	106	106	100
GEW-08	123	119	120	116
GEW-09	125	126	121	119
GEW-40	98	96	95	92
GEW-41R	111	110	109	108
GEW-43R	128	127	129	63
GEW-42R	96	93	78	128
GEW-44	113	102	88	52
GEW-45R	107	107	105	94
GEW-46R	102	100	87	67
GEW-47R	119	115	121	110
GEW-48	110	107	107	105
GEW-49	112	114	110	96
GEW-50	111	109	110	108
GEW-51	126	125	123	120
GEW-52	115	104	111	108
GEW-53	138	138	138	135
GEW-54	137	135	136	138
GEW-55	132	131	129	127
PEW60	95	92	70	45.2
LCS-5A	102	100	100	95.2
LCS-6B	100	94	81	48.2
T-56	86	84	70	51.5

Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)			
	Aug	Sept	Oct	Nov
South Quarry				
GEW-10	108	95	90.9	72
GEW-11	191	192	187.9	190
GEW-13A	--	--	--	--
GEW-14A	191	194	194.8	184
GEW-15	197	198	205	197
GEW-16R	200	200	199	200
GEW-18B	--	--	--	--
GEW-18R	199	199	191.4	198
GEW-19A	--	--	--	--
GEW-20A	125	119	96	56
GEW-21A	130	117	137	54
GEW-22R	182	--	--	--
GEW-23A	153	159	168.8	174
GEW-24A	110	114	176	130
GEW-25A	164	163	163	164
GEW-26R	136	179	156	141
GEW-27A	96	--	167.8	--
GEW-28R	105	91	154.1	156
GEW-29	185	185	188	183
GEW-30R	--	--	--	--
GEW-33R	--	93	--	--
GEW-34	120	122	110	76
GEW-34A	187	194	194.5	192
GEW-35	165	187	182.4	180
GEW-36	130	--	--	--
GEW-37	--	--	--	106.1
GEW-38	187	186	172.2	172
GEW-39	137	136	136	135
GEW-56R	168	165	166	160
GEW-57B	--	190	179.8	191
GEW-57R	197	196	195	194
GEW-58	196	195	195	197
GEW-58A	--	--	--	192.5
GEW-59R	180	181	182	184
GEW-61B	95	94	84.7	73
GEW-65A	198	199	197	198
GEW-66	203	--	--	--
GEW-67A	--	--	--	--
GEW-69R	--	--	--	--
GEW-70R	125	162	145.1	73
GEW-71	198	200	194.4	200

Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)			
	Aug	Sept	Oct	Nov
GEW-71B	--	--	--	--
GEW-72RR	--	--	--	--
GEW-73R	--	--	--	--
GEW-75	98	98	83	64
GEW-76R	203	98	--	--
GEW-77	95	97	77	54
GEW-78R	--	--	--	--
GEW-79R	--	--	--	--
GEW-80	194	194	197	198
GEW-81	--	--	--	--
GEW-82R	183	186	187	189
GEW-83	94	97	84	65
GEW-84	182	176	165.5	150
GEW-85	158	107	195.8	--
GEW-86	196	195	178	176
GEW-88	--	--	--	--
GEW-89	--	--	--	--
GEW-90	--	--	198	195
GEW-91	--	--	--	--
GEW-100	--	104	--	--
GEW-101	153	185	180	62
GEW-102	100	156	162	64
GEW-103	104	102	78	52
GEW-104	135	157	176	100
GEW-105	--	105	85	60
GEW-106	119	--	--	--
GEW-107	157	104	191	78
GEW-108	--	--	--	--
GEW-109	132	120	110	111
GEW-110	89	73	88	62
GEW-112	105	99	--	--
GEW-113	--	--	--	--
GEW-116	116	103	--	--
GEW-117	102	102	96	51
GEW-118	--	--	--	--

Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)			
	Aug	Sept	Oct	Nov
GIW-01	199	198	199	199
GIW-02	193	193	160.5	177.2
GIW-03	195	197	197.2	71
GIW-04	105	185	124	71
GIW-05	181	154	82.8	78
GIW-06	167	165	122.3	69
GIW-07	177	171	155.2	74
GIW-08	132	116	100.8	81
GIW-09	195	193	196	195
GIW-10	188	187	185.8	71
GIW-11	178	182	174.7	139.3
GIW-12	178	181	180	176
GIW-13	171	178	172	171
LCS-1D	--	--	--	--
LCS-2D	--	--	--	100
LCS-3C	185	--	--	50
LCS-4B	--	--	--	--
SEW 12A	114	97	94.6	80.2
SEW 13	--	--	--	--
SEW 17R	103	179.1	176.2	--
SEW 31R	--	--	--	--
SEW 32R	117	101.1	80	46.2
SEW 60R	143	147.4	142	127.4
SEW 61R	111	188	192	41.7
SEW 62R	130	177.7	190	169.2
SEW 63	195	197	194	191.3
SEW 64	140	151.3	157	148.1
SEW-64A	--	--	--	--
SEW 67	149	128	127	104
SEW 72R	126	115	110	93.2
SEW 74	150	127.1	115	91.8
SEW 79R	101	59.7	84	42.7

-- = Indicates no data available.

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide
		(%)					(ppm)
North Quarry							
GEW-2	9/11/2014	55	41	ND	4	0.072	ND
	11/11/2014	41	33	1.4	24	0.07	280
GEW-3	9/11/2014	55	43	ND	ND	0.043	ND
	11/11/2014	22	28	1.5	49	0.062	ND
GEW-4	9/11/2014	53	42	ND	4.6	0.1	ND
	11/11/2014	9.3	20	2.7	68	ND	130
GEW-5	9/11/2014	53	38	ND	9	0.052	ND
	11/11/2014	25	29	ND	46	ND	ND
GEW-6	9/11/2014	53	42	ND	4.1	ND	ND
	11/11/2014	35	34	ND	30	ND	ND
GEW-7	9/11/2014	53	44	ND	ND	ND	ND
	11/12/2014	52	43	ND	3.9	ND	ND
GEW-8	8/14/2014	51	43	ND	ND	3.7	55
	9/11/2014	50	43	ND	ND	3.7	ND
	10/6/2014	50	43	ND	ND	3.8	ND
	11/12/2014	47	44	ND	4.8	3.1	39
GEW-9	8/14/2014	52	44	ND	ND	0.92	ND
	9/11/2014	53	44	ND	ND	0.77	ND
	10/6/2014	50	43	ND	5.9	0.55	ND
	11/12/2014	47	43	ND	8.6	0.5	ND
GEW-40	8/14/2014	52	43	ND	3.7	ND	ND
	9/11/2014	52	43	ND	3.9	ND	ND
	10/6/2014	52	44	ND	ND	ND	ND
	11/7/2014	53	43	ND	3.2	ND	ND
GEW-41R	9/11/2014	54	40	ND	5.2	ND	ND
	11/7/2014	49	37	ND	12	ND	ND
GEW-42R	9/11/2014	51	40	ND	8.8	ND	ND
	11/7/2014	52	37	1.6	9.7	ND	ND
GEW-43R	9/11/2014	53	42	ND	4.3	0.49	ND
	11/7/2014	54	41	ND	4.3	0.49	ND
GEW-44R	9/11/2014	51	39	ND	8.6	ND	ND
	11/11/2014	34	32	ND	33	ND	ND
GEW-45R	9/11/2014	56	39	ND	4.2	ND	ND
	11/11/2014	33	28	4.0	35	ND	ND
GEW-46R	9/11/2014	43	35	1.9	19	0.18	ND
	11/11/2014	48	35	ND	16	0.057	ND
GEW-47R	9/11/2014	48	39	ND	12	0.12	ND
	11/11/2014	22	28	2.1	48	ND	ND
GEW-48	9/11/2014	55	42	ND	ND	ND	ND
	11/11/2014	47	38	ND	14	0.028	ND
GEW-49	9/11/2014	46	39	ND	14	ND	ND
	11/11/2014	19	26	2.6	53	ND	ND
GEW-50	9/11/2014	53	45	ND	ND	0.051	ND
	11/12/2014	47	39	ND	13	0.065	ND

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide
		%					ppm
GEW-51	9/11/2014	49	44	ND	ND	3.5	ND
	11/11/2014	51	41	ND	5.8	1.1	ND
GEW-52	9/11/2014	52	45	ND	ND	ND	ND
	11/12/2014	46	38	ND	16	ND	ND
GEW-53	9/11/2014	47	43	ND	ND	7.9	64
	11/12/2014	49	43	ND	3.7	3.6	53
GEW-54	9/11/2014	50	42	ND	3.9	3.6	ND
	11/7/2014	50	40	ND	5.7	3.6	ND
GEW-55	8/14/2014	50	42	ND	ND	4.3	73
	9/11/2014	50	42	ND	ND	4.9	41
	10/6/2014	48	41	ND	5.6	3.5	35
	11/11/2014	51	42	ND	3.6	3.2	34

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Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide
		%					ppm
South Quarry							
GEW-10	8/14/2014	51	39	1.8	7.2	0	ND
	9/11/2014	40	ND	3.7	0.3	ND	ND
	10/6/2014	53	38	1.6	6.6	0.3	ND
	11/7/2014	52	36	2.3	8.8	0.3	ND
GEW-11	9/11/2014	1.9	65	ND	ND	28	2,400
	11/7/2014	1.9	63	ND	3.1	30	2,900
GEW-14A	9/11/2014	0.26	57	ND	ND	37	3,600
	11/6/2014	0.23	58	ND	3	35	4,200
GEW-15	9/11/2014	0.15	56	ND	ND	39	2,700
	11/6/2014	0.15	57	ND	3.1	37	3,000
GEW-16R	9/11/2014	0.31	56	ND	3.3	37	2,800
	11/6/2014	0.42	58	ND	ND	37	3,000
GEW-18R	9/11/2014	0.17	58	ND	ND	36	3,100
	11/6/2014	0.22	59	ND	ND	35	3,500
GEW-20A	9/11/2014	0.71	73	ND	ND	22	4,800
	11/6/2014	3.6	43	8.4	32	12	2,300
GEW-21A	9/11/2014	0.29	67	ND	ND	28	4,400
	11/6/2014	0.3	51	5.2	19	23	3,800
GEW-23A	9/11/2014	2.8	61	ND	ND	31	3,400
	11/6/2014	1.3	61	ND	3.2	32	4,100
GEW-24A	9/11/2014	0.96	64	1.7	6.2	25	5,900
	11/6/2014	1.4	31	12.0	47	8.4	1,400
GEW-25A	9/11/2014	1.4	62	ND	ND	31	3,900
	11/6/2014	0.6	63	ND	ND	31	4,200
GEW-26R	9/11/2014	0.33	66	2.0	7.1	22	4,700
	11/6/2014	0.32	69	ND	5	22	5,700
GEW-28R	9/11/2014	1	47	4.8	17	28	7,400
	11/6/2014	1.3	61	ND	3.3	32	4,600
GEW-29	9/11/2014	0.73	56	ND	ND	38	2,900
	11/6/2014	0.55	50	3.1	11	33	3,000
GEW-34	9/11/2014	4.8	55	1.8	7.4	29	2,400
	11/7/2014	8.2	55	2.2	12	22	1,900
GEW-34A	9/11/2014	0.54	60	ND	ND	34	3,200
	11/7/2014	0.47	54	3.3	12	30	3,300
GEW-35	9/11/2014	0.36	55	2.3	8.4	32	3,200
	11/7/2014	0.8	55	3.2	12	28	3,100
GEW-38	8/14/2014	0.2	51	1.8	6.4	39	3,300
	9/11/2014	0.17	54	ND	ND	41	3,000
	10/6/2014	0.35	39	6.5	24	29	2,300
	11/7/2014	0.21	55	1.4	4.9	37	3,800
GEW-39	8/14/2014	35	52	ND	ND	9	620
	9/11/2014	35	54	ND	ND	8	410
	10/6/2014	35	54	ND	ND	7	290
	11/7/2014	31	56	ND	ND	9.2	600

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Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide
		(%)					
GEW-56R	8/14/2014	11	62	ND	ND	23	1,500
	9/11/2014	16	62	ND	ND	19	1,200
	10/6/2014	20	55	ND	12	11	570
	11/7/2014	17	53	1.9	17	10	770
GEW-57B	11/5/2014	0.42	57	ND	3.2	37	3,100
GEW-57R	9/11/2014	0.36	58	ND	ND	36	2,900
	11/5/2014	0.35	43	6.3	23	26	2,400
GEW-58	9/11/2014	0.37	58	ND	ND	36	3,100
	11/5/2014	0.7	55	1.9	7	33	3,200
GEW-58A	11/20/2014	0.39	54	ND	ND	41	3,000
GEW-59R	9/11/2014	1.2	55	ND	ND	39	1,600
	11/5/2014	1.3	54	1.7	6	36	1,700
GEW-61B	9/11/2014	ND	0.55	21.0	78	0.13	ND
	11/5/2014	0.0042	0.78	21.0	77	0.12	39
GEW-65A	9/11/2014	0.28	59	ND	ND	35	3,300
	11/5/2014	0.33	59	ND	ND	36	3,700
GEW-70R	9/11/2014	0.49	46	4.4	16	30	2,900
	11/5/2014	0.66	46	4.9	18	29	2,300
GEW-71	9/11/2014	0.48	57	ND	ND	37	2,900
	11/5/2014	0.85	57	ND	ND	36	2,900
GEW-75	9/11/2014	15	39	3.9	40	0.73	750
	11/6/2014	0.62	7.8	15.0	77	0.1	ND
GEW-77	9/11/2014	0.062	2.5	21.0	76	0.87	21
	11/6/2014	0.0068	0.66	22.0	78	0.15	64
GEW-80	9/11/2014	0.18	62	ND	ND	31	4,700
	11/6/2014	0.19	62	ND	3.2	32	5,500
GEW-82R	9/11/2014	0.79	57	ND	ND	37	2,600
	11/6/2014	0.79	58	ND	ND	36	3,000
GEW-83	9/11/2014	0.0084	3.5	20.0	73	3.3	40
	11/5/2014	0.0032	1	21.0	77	0.46	90
GEW-84	9/11/2014	1.6	64	ND	ND	29	3,700
	11/5/2014	1.6	64	ND	4.4	26	4,000
GEW-85	9/11/2014	0.1	28	12.0	44	14	1,700
GEW-86	9/11/2014	0.21	63	ND	ND	31	4,700
	11/5/2014	0.33	60	ND	ND	33	4,300
GEW-90	11/7/2014	0.79	55	ND	4	37	3,100
GEW-101	9/11/2014	1.2	48	7.5	28	14	1,700
	11/7/2014	1.3	64	2.9	11	20	3,600
GEW-102	9/11/2014	1.6	63	ND	4.4	28	3,500
	11/7/2014	0.51	39	7.3	26	25	1,900
GEW-103	9/11/2014	2.3	21	14.0	54	8	860
	11/7/2014	0.0098	0.88	21.0	77	0.27	49
GEW-104	9/11/2014	0.4	53	2.9	11	31	2,600
	11/5/2014	0.41	51	4.2	15	27	2,500
GEW-105	9/11/2014	9.3	53	5.5	20	11	1,200
	11/7/2014	9	56	5.0	18	11	1,100

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Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide
		(%)					(ppm)
GEW-107	9/11/2014	0.29	23	13.0	48	14	1,500
	11/7/2014	0.15	3.8	20.0	75	0.47	110
GEW-109	8/14/2014	2.3	56	ND	ND	37	2,500
	9/11/2014	2.3	53	1.6	5.7	36	1,800
	10/6/2014	2.2	56	ND	3.5	35	1,800
	11/7/2014	1.4	57	ND	4.1	35	2,400
GEW-110	8/14/2014	3	27	9.5	38	22	1,700
	9/11/2014	3.7	29	8.6	37	21	1,300
	10/6/2014	0.75	6.5	18.0	70	3.7	440
	11/7/2014	0.56	4.1	20.0	72	3	260
GEW-112	9/11/2014	0.28	34	8.9	33	22	1,900
GEW-116	9/11/2014	25	65	ND	ND	4.7	690
	11/6/2014	1.9	8.3	19.0	69	1.7	280
GEW-117	9/11/2014	48	43	1.8	6.5	0.21	ND
GIW-1	10/6/2014	1.4	64	ND	3.3	28	2,900
	11/12/2014	1.1	63	ND	4.6	29	3,500
GIW-2	10/6/2014	1.8	70	ND	ND	23	3,100
	11/12/2014	1.6	62	ND	4.1	30	3,800
GIW-3	10/6/2014	0.48	64	ND	ND	31	3,300
	11/12/2014	0.31	60	ND	ND	36	3,800
GIW-4	10/6/2014	0.33	61	ND	ND	34	3,800
	11/12/2014	0.42	62	ND	4.4	31	4,700
GIW-5	10/6/2014	0.46	63	ND	ND	32	3,300
GIW-6	10/6/2014	0.65	65	ND	ND	29	2,400
	11/12/2014	0.73	64	ND	4	29	2,600
GIW-7	10/6/2014	2.1	71	ND	ND	21	2,100
	11/12/2014	17	36	6.5	24	16	1,400
GIW-8	10/6/2014	34	50	ND	4.9	8.7	580
	11/12/2014	22	63	ND	3.5	10	1,100
GIW-9	10/6/2014	0.48	68	ND	ND	26	3,700
	11/12/2014	0.59	65	ND	3.3	29	4,300
GIW-10	10/6/2014	0.19	73	ND	ND	21	4,300
	11/12/2014	0.23	59	ND	ND	38	4,400
GIW-11	10/6/2014	1.5	53	2.4	8.8	33	2,600
	11/12/2014	1.7	63	ND	ND	33	3,500
GIW-12	10/6/2014	2	57	1.9	7.3	30	2,000
	11/12/2014	2.2	55	2.5	9.4	30	2,600
GIW-13	10/6/2014	2.9	59	ND	ND	34	2,000
	11/12/2014	2.4	61	ND	3.3	32	2,700
INLET	8/14/2014	11	45	5.7	24	13	2,100
	9/11/2014	10	44	6.3	26	13	1,300
	10/6/2014	9.7	40	7.2	29	12	1,300
	11/20/2014	7.4	32	10.0	39	11	1,200

ND = Analyte not detected in sample.

November 2014 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	Init Diff Press	Adj Diff Press	System Pressure	Baro
		(%)				°F		scfm		"H ₂ O				"Hg	
North Quarry															
GEW-02	11/11/2014 12:15	43.6	36.8	0	19.6	125	125	12	14	-2.1	-2.0	0.041	0.059	-25.47	29.33
	11/11/2014 12:20	44.6	36.7	0	18.7	125	125			-1.7	-1.7	-0.031	-0.050	-25.47	29.33
GEW-03	11/11/2014 12:27	23.8	31.4	0	44.8	118	118	75	71	-10.0	-10.2	1.492	1.340	-24.33	29.31
	11/11/2014 12:32	30.4	33.2	0	36.4	118	118			-6.4	-6.3	-0.122	-0.130	-26.03	29.31
GEW-04	11/11/2014 12:38	28.8	33.1	0	38.1	119	119	6	7	-4.7	-4.7	0.011	0.016	-26.46	29.31
GEW-05	11/11/2014 15:18	26.2	29.7	0	44.1	95	95			-1.3	-1.3	-0.012	-0.383	-25.68	29.38
	11/11/2014 15:22	26.7	29.8	0	43.5	95	95	15	17	-0.9	-0.9	0.059	0.077	-25.72	29.38
GEW-06	11/11/2014 15:27	36.6	36.4	0	27.0	87	87	17	17	-0.9	-0.9	0.073	0.078	-26.33	29.40
	11/11/2014 15:32	37.7	35.9	0	26.4	86	86	30	29	-0.8	-0.8	0.222	0.217	-25.88	29.40
GEW-07	11/12/2014 10:32	55.4	44.5	0	0.1	100	100			-5.5	-5.5	-0.087	-0.031	-22.81	29.75
	11/12/2014 10:36	55.2	44.7	0	0.1	100	100			-4.1	-4.1	-0.050	-0.041	-22.52	29.75
GEW-08	11/12/2014 10:48	50.9	49.0	0	0.1	115	115			-1.1	-1.1	-0.019	-0.012	-23.38	29.73
	11/12/2014 10:53	52.4	47.4	0	0.2	115	115	30	31	-1.2	-1.1	0.246	0.250	-23.00	29.73
	11/17/2014 15:20	49.3	50.5	0	0.2	116	116	17	15	-0.7	-0.7	0.079	0.067	-22.13	29.50
	11/25/2014 8:58	50.7	44.5	0	4.8	110		21	20	-1.0	-1.1	0.091	0.082	-23.24	
GEW-09	11/12/2014 11:09	51.3	44.7	0	4.0	116	116	20	13	-0.8	-0.8	0.107	0.048	-23.30	29.74
	11/12/2014 11:13	51.2	44.5	0	4.3	116	116	34	32	-0.9	-0.8	0.298	0.275	-22.19	29.74
	11/17/2014 15:23	50.5	49.2	0	0.3	119	119	18	15	-0.6	-0.7	0.091	0.069	-22.56	29.52
	11/24/2014 14:24	46.0	45.2	0	8.8	114		17	22	-1.1	-1.2	0.061	0.102	-22.69	
GEW-40	11/7/2014 12:17	49.6	40.8	0	9.6	108	108	10		-0.7	-0.7	0.029	-0.008	-25.15	29.50
	11/7/2014 12:21	51.8	38.8	0	9.4	108	108	12	9	-0.6	-0.6	0.039	0.024	-25.23	29.50
	11/17/2014 15:03	53.4	43.8	0.1	2.7	107	107	11	12	-0.7	-0.7	0.031	0.043	-25.98	29.49
	11/24/2014 14:56	50.8	40.3	0	8.9	94		18	18	-1.0	-1.0	0.062	0.062	-27.95	
GEW-41R	11/7/2014 12:24	53.7	40.6	0.3	5.4	63	63			-0.3	-0.2	-0.020	-0.024	-25.17	29.50
	11/7/2014 12:29	54.4	40.3	0.4	4.9	62	62	29	28	-0.2	-0.2	0.188	0.186	-23.86	29.50
	11/7/2014 12:32	57.0	42.8	0	0.2	128	128	14	12	-0.2	-0.2	0.057	0.040	-22.99	29.49
	11/7/2014 12:36	57.2	42.3	0	0.5	128	128	15	20	-0.2	-0.2	0.059	0.105	-23.57	29.49
GEW-42R	11/17/2014 15:07	52.7	44.0	0.4	2.9	127	127	13	14	-0.5	-0.6	0.051	0.053	-24.01	29.48
	11/24/2014 14:59	49.5	38.6	0.9	11.0	125		23	24	-1.2	-1.0	0.117	0.120	-25.20	
GEW-43R	11/11/2014 11:35	38.7	36.9	0	24.4	94	94			-7.3	-7.3	-0.048	-0.040	-25.36	29.33
	11/11/2014 11:41	39.7	35.9	0	24.4	94	94			-6.3	-6.3	-0.062	-0.052	-25.50	29.33
	11/11/2014 11:49	50.1	39.2	0	10.7	67	67			-1.7	-1.7	-0.107	-0.109	-25.35	29.32
	11/11/2014 14:52	23.1	31.3	0.2	45.4	110	110	17	18	-1.3	-1.3	0.084	0.092	-26.53	29.38
GEW-44	11/11/2014 14:57	23.7	29.8	0.4	46.1	110	110			-0.9	-0.9	-0.111	-0.120	-25.90	29.38
	11/7/2014 12:11	55.2	44.6	0	0.2	92	92	14	12	-0.5	-0.5	0.049	0.041	-25.20	29.50
GEW-45R	11/7/2014 12:15	55.2	44.6	0	0.2	92	92	30	29	-0.5	-0.5	0.219	0.215	-25.35	29.50
	11/17/2014 15:00	50.7	48.9	0.2	0.2	87	87	33		-0.1	-0.1	0.280	-0.362	-25.00	29.49
GEW-46R	11/24/2014 14:53	51.2	46.1	0	2.7	87		18	19	-0.6	-0.7	0.069	0.072	-27.22	

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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	Init Diff Press	Adj Diff Press	System Pressure	Baro
		%				°F		scfm		"H ₂ O				"Hg	
GEW-47R	11/11/2014 11:18	35.6	34.4	0	30.0	52	52			-1.1	-1.1	-0.111	-0.111	-25.74	29.33
	11/11/2014 11:23	36.4	33.8	0	29.8	52	52			-0.9	-0.9	-0.049	-0.052	-25.61	29.33
GEW-48	11/11/2014 14:31	47.0	41.0	0	12.0	105	105	21	28	-1.2	-1.2	0.115	0.199	-26.12	29.38
	11/11/2014 14:36	48.7	39.7	0	11.6	104	104	35	38	-1.1	-1.2	0.301	0.364	-25.88	29.38
GEW-49	11/11/2014 15:37	20.0	29.1	0.6	50.3	96	96			-0.8	-0.8	-0.022	-0.024	-25.38	29.39
	11/11/2014 15:42	20.5	28.1	0.7	50.7	84	84			-0.6	-0.6	-0.102	-0.134	-26.14	29.39
GEW-50	11/12/2014 9:57	49.9	39.0	0	11.1	108	108		5	-0.4	-0.5	-0.024	0.009	-21.59	29.75
	11/12/2014 10:02	51.0	39.0	0	10.0	108	108	17	16	-0.3	-0.3	0.076	0.068	-20.09	29.75
GEW-51	11/11/2014 15:48	55.4	44.2	0	0.4	120	120			-1.2	-1.2	-0.008	-0.010	-25.06	29.40
	11/11/2014 15:55	56.9	42.9	0	0.2	120	120	3	2	-1.4	-1.4	0.002	0.001	-25.38	29.40
GEW-52	11/12/2014 10:07	48.5	40.2	0	11.3	108	108			-0.3	-0.3	-0.038	-0.051	-22.64	29.73
	11/12/2014 10:11	49.7	38.7	0	11.6	108	108	3		-0.3	-0.3	0.003	-0.001	-23.50	29.73
GEW-53	11/12/2014 10:59	51.7	48.2	0	0.1	134	134	10	10	-0.7	-0.7	0.030	0.033	-23.19	29.70
	11/12/2014 11:03	52.6	46.6	0	0.8	135	135	12	10	-0.7	-0.7	0.042	0.028	-24.02	29.70
	11/17/2014 15:10	51.8	47.5	0	0.7	129	129		6	-0.6	-0.7	-0.001	0.010	-23.63	29.47
	11/24/2014 15:04	52.0	37.0	0	11.0	117		17	17	-1.5	-1.5	0.058	0.058	-24.10	
GEW-54	11/7/2014 12:40	53.5	44.1	0	2.4	138	138	28	21	-1.6	-1.6	0.219	0.127	-24.88	29.48
	11/7/2014 12:44	53.7	43.9	0	2.4	138	138	29	26	-1.6	-1.5	0.227	0.186	-26.38	29.48
	11/17/2014 15:13	52.4	47.5	0	0.1	135	135	15	8	-2.1	-2.2	0.064	0.021	-26.90	29.48
	11/17/2014 15:14	52.3	47.6	0	0.1	135	135	31	37	-2.2	-2.2	0.270	0.376	-25.93	29.48
	11/25/2014 8:53	48.9	44.7	0	6.4	132		34	39	-2.5	-2.5	0.257	0.335	-26.67	
11/25/2014 8:55	49.5	44.1	0	6.4	131		30	30	-1.8	-1.8	0.192	0.192	-28.32		
GEW-55	11/11/2014 10:16	55.1	43.5	0	1.4	127	127	9	10	-1.4	-1.3	0.025	0.029	-26.01	29.32
	11/11/2014 10:20	55.0	44.7	0	0.3	127	127	11		-1.4	-1.3	0.036	-0.001	-26.21	29.32
	11/17/2014 15:17	51.2	48.5	0.2	0.1	125	125			-0.7	-0.7	-0.001	-0.004	-26.18	29.49
	11/25/2014 8:51	50.3	45.1	0	4.6	120		14	11	-0.8	-0.8	0.040	0.026	-26.73	
LCS-5A	11/24/2014 15:02	56.2	39.6	0	4.2	95				-24.8	-23.9	24.426	23.939	-24.71	
LCS-6B	11/25/2014 9:37	54.7	33.8	0.5	11.0	48		12	11	-1.5	-1.5	0.027	0.024	-25.69	
PEW-60	11/25/2014 9:33	22.2	26.6	12.5	38.7	44		0	0	-27.7	-27.2	0	0	-28.01	
	11/25/2014 9:34	24.0	24.2	12.3	39.5	45		0	0	-22.3	-22.3	0	0	-22.94	

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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	Init Diff Press	Adj Diff Press	System Pressure	Baro
		(%)				°F		scfm		"H ₂ O				"Hg	
South Quarry															
GEW-10	11/7/2014 11:34	52.3	33.9	2.5	11.3	72	72	233	233	-11.6	-11.5	11.564	11.568	-14.66	29.55
	11/7/2014 11:39	56.0	39.2	0.9	3.9	71	71	112	112	-2.8	-2.7	2.720	2.713	-15.28	29.55
	11/17/2014 14:43	46.1	53.8	0	0.1	35	35			0.9	0.9	-0.456	-0.504	-17.98	29.49
	11/17/2014 14:47	53.5	46.4	0	0.1	44	44	181	183	-6.5	-6.7	7.006	7.145	-18.16	29.49
	11/24/2014 14:26	46.9	37.9	2.7	12.5	54				-17.5	-17.5	17.144	17.117	-19.82	
	11/24/2014 14:26	47.3	37.3	2.8	12.6	55				-14.4	-14.2	14.197	13.985	-21.04	
GEW-11	11/7/2014 10:44	1.9	64.0	1.6	32.5	189	189	168	163	-10.2	-11.0	10.333	9.727	-18.68	29.57
	11/7/2014 10:48	2.1	69.5	0	28.4	190	190	147	147	-7.9	-8.2	8.052	8.102	-18.59	29.57
	11/18/2014 10:53	2.3	55.4	0.4	41.9	187				-10.1	-10.7	9.789	10.018	-19.76	
	11/18/2014 10:54	1.8	59.7	0.4	38.1	187				-10.3	-10.0	9.780	9.780	-19.69	
GEW-14A	11/6/2014 16:49	0.3	65.0	0	34.7	184	184	187	191	-13.0	-13.0	12.762	13.373	-13.33	29.60
	11/6/2014 16:54	0.3	65.6	0	34.1	183	183	186	185	-12.7	-13.0	12.628	12.603	-12.90	29.60
GEW-15	11/6/2014 17:05	0.2	64.4	0	35.4	197	197	182	185	-11.8	-11.7	12.293	12.709	-12.18	29.59
	11/6/2014 17:11	0.2	63.2	0	36.6	197	197	150	175	-9.8	-11.1	8.368	11.352	-13.96	29.59
GEW-16R	11/6/2014 16:56	0.3	63.5	0	36.2	200	200	78	84	-1.9	-2.7	2.291	2.642	-17.05	29.60
	11/6/2014 17:01	0.5	65.4	0	34.1	200	200	83	58	-2.9	-0.7	2.604	1.306	-12.73	29.60
GEW-18R	11/6/2014 11:55	0.3	69.0	0	30.7	198	198	93	74	-3.2	-3.2	3.310	2.112	-2.78	29.53
	11/6/2014 12:01	0.3	63.9	1.6	34.2	196	196	95	109	-4.6	-3.9	3.362	4.436	-3.87	29.53
GEW-20A	11/6/2014 12:17	4.4	50.1	8.2	37.3	53	53	150	154	-6.5	-6.3	6.090	6.384	-6.34	29.54
	11/6/2014 12:21	4.8	49.0	8.6	37.6	56	56	162	127	-7.3	-5.3	7.102	4.395	-5.24	29.54
GEW-21A	11/6/2014 12:24	0.9	64.1	2.7	32.3	54	54	157	150	-6.8	-7.1	7.097	6.498	-6.84	29.54
	11/6/2014 12:29	0.4	40.9	9.8	48.9	53	53	151	160	-5.9	-6.8	5.987	6.697	-7.12	29.54
GEW-23A	11/6/2014 14:49	1.3	67.1	0	31.6	172	172	147	150	-7.8	-7.5	7.823	8.082	-8.02	29.57
	11/6/2014 14:52	1.3	67.7	0	31.0	174	174	146	146	-7.0	-7.6	7.721	7.680	-7.52	29.57
GEW-24A	11/6/2014 14:58	2.0	42.4	9.5	46.1	130	130			-0.1	0	-0.029	-0.043	-7.49	29.56
	11/6/2014 15:03	3.8	43.6	9.6	43.0	130	130	40	44	-0.4	-0.6	0.524	0.620	-3.78	29.56
GEW-25A	11/6/2014 15:04	0.7	70.5	0	28.8	164	164	113	122	-4.1	-5.0	4.590	5.390	-7.48	29.57
	11/6/2014 15:08	0.6	70.4	0	29.0	164	164	115	113	-4.5	-4.6	4.770	4.602	-6.82	29.57
GEW-26R	11/6/2014 15:14	0.3	75.3	0.9	23.5	141	141	80	95	-2.8	-3.0	2.281	3.195	-3.21	29.55
	11/6/2014 15:18	0.4	76.0	0.8	22.8	140	140	77	70	-2.6	-2.5	2.138	1.791	-2.28	29.55
GEW-28R	11/6/2014 15:57	1.5	68.7	0	29.8	155	155	149	148	-7.8	-7.8	7.840	7.728	-6.33	29.56
	11/6/2014 16:02	1.4	67.9	0	30.7	156	156	145	150	-7.7	-7.7	7.433	7.933	-7.85	29.56
GEW-29	11/6/2014 16:07	0.6	60.8	1.0	37.6	183	183	104	114	-4.0	-4.6	3.906	4.685	-7.31	29.56
	11/6/2014 16:19	0.6	60.1	1.3	38.0	183	183	107	93	-4.3	-4.6	4.085	3.122	-5.25	29.56
GEW-34	11/7/2014 9:43	10.1	61.1	1.4	27.4	76	76	265	258	-20.8	-19.9	20.477	19.420	-19.61	29.57
	11/7/2014 9:44	10.1	61.1	1.4	27.4	76	76	265	267	-20.8	-20.4	20.477	20.759	-18.30	29.57
	11/7/2014 9:49	10.0	59.8	1.8	28.4	76	76	239	235	-16.4	-16.2	16.453	15.942	-20.40	29.57
GEW-35	11/7/2014 9:58	1.0	60.0	3.3	35.7	180	180	213	215	-17.2	-15.9	16.277	16.529	-16.32	29.58
	11/7/2014 10:03	0.6	44.1	8.5	46.8	180	180	223	209	-15.9	-15.8	16.795	14.759	-15.15	29.58
GEW-37	11/18/2014 10:35	0	16.2	18.1	65.7	106				-10.7	-14.6	10.432	14.141	-13.70	
	11/18/2014 10:35	0	13.7	18.0	68.3	106				-11.7	-12.2	11.524	12.195	-13.76	
GEW-38	11/7/2014 11:08	0.3	64.0	0	35.7	172	170	32	47	-0.2	-0.8	0.390	0.819	-15.59	29.55
	11/7/2014 11:12	0.3	60.4	0.8	38.5	170	170	21	30	-0.1	-0.4	0.176	0.338	-18.24	29.55
	11/17/2014 14:28	0.2	64.4	1.8	33.6	151	151	202	201	-13.9	-13.9	14.103	14.024	-17.50	29.48
	11/17/2014 14:30	0.2	65.7	1.0	33.1	146	146	147	146	-7.0	-7.0	7.381	7.347	-19.82	29.48
	11/24/2014 14:07	0.2	49.5	2.1	48.2	157				-19.0	-19.0	18.935	18.733	-19.39	
	11/24/2014 14:08	0.2	51.5	1.9	46.4	156				-18.4	-18.4	18.347	18.274	-19.63	

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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	Init Diff Press	Adj Diff Press	System Pressure	Baro
		(%)				°F		scfm		"H ₂ O				"Hg	
GEW-39	11/7/2014 11:20	33.0	62.0	0	5.0	135	135	17	16	-0.1	-0.1	0.101	0.084	-22.53	29.54
	11/7/2014 11:24	33.8	61.0	0	5.2	135	135	20	18	-0.1	-0.1	0.127	0.110	-23.42	29.54
	11/17/2014 14:33	31.1	68.8	0	0.1	129	129	25	36	-0.1	-0.1	0.205	0.429	-24.23	29.46
	11/24/2014 14:13	31.8	54.6	0	13.6	133				-0.4	-0.4	0.390	0.271	-25.75	
	11/24/2014 14:14	32.4	54.9	0	12.7	131				-0.1	-0.1	0	0.006	-24.46	
GEW-56R	11/7/2014 11:27	20.2	61.0	0	18.8	160	160	161	161	-8.5	-8.4	8.414	8.407	-13.85	29.54
	11/7/2014 11:32	20.8	59.6	0	19.6	160	160	161	159	-8.3	-8.2	8.300	8.132	-14.52	29.54
	11/17/2014 14:40	18.4	64.2	0	17.4	156	156	169	168	-8.9	-8.9	9.377	9.249	-17.41	29.47
	11/24/2014 14:20	17.4	51.8	0	30.8	157				-9.7	-9.7	9.522	9.532	-19.63	
	11/24/2014 14:21	17.2	53.0	0	29.8	157				-9.2	-9.2	8.815	8.871	-19.82	
GEW-57B	11/5/2014 15:11	0.4	63.4	0	36.2	191	191	210	189	-16.4	-12.2	16.305	13.171	-13.90	29.48
	11/5/2014 15:16	0.4	61.8	0	37.8	191	191	144	143	-6.1	-6.9	7.493	7.420	-13.50	29.48
GEW-57R	11/5/2014 11:44	0.6	66.4	0	33.0	194	194	195	192	-13.8	-13.9	14.213	13.865	-12.16	29.55
	11/5/2014 11:49	0.6	65.8	0	33.6	194	194	179	172	-13.2	-11.5	11.954	11.042	-11.47	29.55
GEW-58	11/5/2014 11:27	0.7	65.2	0.1	34.0	197	197			-2.0	-2.5	-1.701	-1.453	-17.65	29.55
	11/5/2014 11:32	0.8	65.5	0.1	33.6	197	197			-2.8	-3.4	-2.271	-2.169	-18.70	29.55
GEW-59R	11/5/2014 11:20	1.5	64.3	0	34.2	182	182	131	111	-5.2	-3.8	6.220	4.431	-20.90	29.55
	11/5/2014 11:24	1.6	63.6	0	34.8	184	184	118	109	-5.3	-4.8	5.027	4.315	-21.69	29.55
	11/18/2014 10:41	1.3	56.6	0.2	41.9	182				-0.6	-0.7	0.661	0.598	-5.81	
GEW-65A	11/18/2014 10:42	1.4	58.4	0	40.2	183				-0.1	-0.8	0.067	0.752	-5.57	
	11/5/2014 16:10	0.3	66.8	0	32.9	198	198			-13.0	-11.1	-14.077	-12.722	-12.09	29.46
GEW-70R	11/5/2014 16:15	0.3	65.5	0	34.2	197	197			-9.6	-12.3	-10.598	-12.686	-11.55	29.46
	11/5/2014 16:19	0.6	55.5	2.5	41.4	73	73	248	260	-16.7	-18.4	17.827	19.731	-18.09	29.46
GEW-71	11/5/2014 16:24	0.6	48.9	4.9	45.6	70	70	256	229	-17.4	-16.8	18.422	14.850	-14.90	29.46
	11/5/2014 16:27	0.8	63.7	0	35.5	200	200	132	118	-6.0	-5.8	6.499	5.180	-12.90	29.46
GEW-75	11/5/2014 16:31	0.9	63.5	0	35.6	200	200	137	114	-6.6	-5.4	6.984	4.837	-12.07	29.46
	11/6/2014 11:17	0.7	3.7	15.3	80.3	64	64	224	232	-11.9	-12.1	11.367	12.197	-12.27	29.47
GEW-77	11/6/2014 11:20	0.6	6.9	15.0	77.5	64	64	221	223	-12.0	-11.7	11.238	11.406	-11.65	29.47
	11/6/2014 11:27	0.1	5.0	21.5	73.4	51	51	148		-4.6	-3.1	4.896	-0.909	-5.77	29.47
GEW-80	11/6/2014 11:30	0.1	2.5	22.1	75.3	54	54	73	130	-3.8	-4.3	1.207	3.758	-3.74	29.47
	11/6/2014 11:34	0.3	70.7	0	29.0	198	198	130	121	-6.8	-6.3	6.455	5.621	-6.22	29.46
GEW-82R	11/6/2014 11:38	0.3	71.2	0	28.5	198	198	109	117	-5.2	-6.2	4.556	5.293	-6.26	29.46
	11/6/2014 11:43	0.9	67.2	0	31.9	189	189	76	124	-4.1	-5.3	2.174	5.702	-8.22	29.49
GEW-83	11/6/2014 11:46	1.0	65.9	0	33.1	189	189	124	119	-5.7	-5.2	5.661	5.196	-7.18	29.49
	11/5/2014 15:28	0	1.8	22.0	76.2	65	65	233	232	-12.5	-11.8	12.369	12.201	-12.07	29.47
GEW-84	11/5/2014 15:32	0	1.2	22.2	76.6	65	65	230	234	-11.7	-11.9	11.908	12.369	-12.16	29.47
	11/5/2014 16:34	1.6	67.1	0.6	30.7	150	150	134	138	-6.2	-6.3	6.409	6.841	-12.37	29.45
LCS-2D	11/5/2014 16:38	1.6	68.5	0.4	29.5	150	150	123	127	-5.1	-5.3	5.462	5.784	-11.99	29.45
LCS-3C	11/3/2014 17:05	50.0	49.9	0	0.1	100	100	138	109	-4.3	-4.4	4.697	2.935	-6.11	29.46
GEW-101	11/5/2014 9:50	0.2	21.0	16.7	62.1	50	50	290	248	-17.6	-15.1	20.318	14.837	-15.11	29.60
	11/7/2014 9:04	1.6	72.0	1.8	24.6	62	62	172	180	-8.7	-9.6	8.917	9.762	-9.24	29.61
GEW-102	11/7/2014 9:12	1.4	66.7	3.3	28.6	62	62	183	180	-9.9	-9.6	9.929	9.535	-9.64	29.61
	11/7/2014 9:15	0.6	46.3	6.5	46.6	60	60	212	204	-11.9	-12.5	12.193	11.401	-11.06	29.60
GEW-103	11/7/2014 9:20	0.8	54.6	4.3	40.3	64	64	206	185	-12.7	-11.0	12.036	9.730	-11.34	29.60
	11/7/2014 9:23	0.1	8.8	20.4	70.7	52	52	272	274	-17.1	-18.6	17.005	17.394	-18.52	29.59
GEW-104	11/7/2014 9:27	0.1	3.8	21.7	74.4	52	52	259	252	-15.4	-15.8	14.997	14.265	-14.20	29.59
	11/5/2014 11:36	0.5	58.9	3.1	37.5	100	100	235	237	-16.1	-17.6	17.114	17.496	-16.85	29.54
	11/5/2014 11:41	0.4	44.9	7.6	47.1	100	100	221	209	-14.4	-14.4	14.295	12.818	-13.37	29.54

November 2014 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	Init Diff Press	Adj Diff Press	System Pressure	Baro
		%				°F		scfm		"H ₂ O				"Hg	
GEW-105	11/7/2014 9:51	11.7	62.7	3.8	21.8	60	60	265	272	-20.1	-21.1	19.918	20.976	-21.00	29.58
	11/7/2014 9:56	12.6	67.2	2.8	17.4	60	60	264	263	-20.6	-20.1	20.164	19.948	-20.23	29.58
GEW-107	11/7/2014 10:36	0.2	7.9	19.3	72.6	71	71	281	292	-18.8	-19.2	18.785	20.238	-19.62	29.56
	11/7/2014 10:40	0.1	5.7	20.0	74.2	71	71	276	294	-18.7	-19.7	17.968	20.444	-20.05	29.56
	11/18/2014 10:31	0.2	49.7	1.9	48.2	78				-12.2	-12.7	12.057	12.415	-12.05	
GEW-109	11/7/2014 11:14	1.3	59.5	1.0	38.2	111	111	221	247	-15.7	-15.9	15.466	15.773	-15.77	29.55
	11/7/2014 11:18	1.4	62.9	0.4	35.3	111	111	223	245	-15.9	-15.8	15.871	15.789	-15.75	29.55
	11/17/2014 14:36	1.8	63.8	1.7	32.7	65	65	239	241	-16.7	-16.9	16.834	17.182	-20.01	29.46
	11/24/2014 14:11	1.6	51.4	1.7	45.3	86				-19.4	-19.4	18.953	18.935	-19.39	
	11/24/2014 14:11	1.6	54.9	0.8	42.7	86				-19.0	-18.9	18.770	18.852	-18.84	
GEW-110	11/7/2014 11:41	1.2	13.1	17.9	67.8	61	61	296	292	-21.1	-20.5	21.034	20.330	-20.26	29.54
	11/7/2014 11:45	0.8	7.7	19.9	71.6	62	62	300	303	-21.1	-21.6	21.064	21.544	-21.24	29.54
	11/17/2014 14:50	0.5	11.5	19.2	68.8	28	28	313	308	-21.1	-21.0	21.804	21.101	-21.25	29.49
	11/24/2014 14:28	3.8	32.4	8.0	55.8	43		332	333	-22.9	-22.9	22.801	22.828	-23.00	
	11/24/2014 14:29	2.8	37.6	7.0	52.6	43				-22.8	-22.7	22.553	22.433	-22.45	
GEW-116	11/6/2014 12:05	1.5	17.8	17.2	63.5	51	51	173	173	-7.4	-7.3	7.087	7.028	-7.13	29.55
	11/6/2014 12:09	1.5	11.7	19.0	67.8	51	51	168	173	-6.8	-7.5	6.440	6.871	-7.48	29.55