Table 1

GP-2 Field Monitoring Values
South Dayton Dump and Landfill Site
Moraine, Ohio

Sample Location:	Date:	Time	PID (ppm)	O_2 (%)	CO_2 (%)	CH_4[2] (%)	LEL (%)	Ambient Temperature (°F)	Summary of Recent Precipitation	Barometric Pressure (hPa)	Water Levels (ft BTOR)
GP-2 (12') without filter	11/9/2012	13:54	--	4.1	10.6	0.0	0	30s - 40s	none		
GP-2 (12') with filter		--	--	5.6	9.1	0.0	0				
GP-2 (16') without filter		--		2.0	11.6	0.0	0				
GP-2 (16') with filter		--		4.6	10.0	0.0	0				
GP-2 (12') without filter	11/15/2012	15:04	0.0	2.4	10.8	0.0	0	30s - 40s	none		
GP-2 (12') with filter		--	0.0	2.3	10.3	0.0	0				
GP-2 (16') without filter		15:09	0.0	1.0	11.8	0.0	0				
GP-2 (16') with filter		--	0.0	0.9	11.4	0.0	0				
GP-2 (12') without filter	11/20/2012	14:35	0.0	2.2	11.3	0.0	0	50s	Trace		
GP-2 (12') with filter		--	0.0	2.1	11.0	0.0	0				
GP-2 (16') without filter		14:40	0.0	0.9	12.1	0.0	0				
GP-2 (16') with filter		--	0.0	0.8	11.9	0.0	0				
GP-2 (12') without filter	11/29/2012	13:53	0.0	4.3	11.0	0.0	0	40s - 50s	none		
GP-2 (12') with filter		--	0.0	4.7	11.2	0.0	0				
GP-2 (16') without filter		13:58	0.0	2.1	12.1	0.0	0				
GP-2 (16') with filter		13:58	0.0	2.0	11.9	0.0	0				
GP-2 (12') without filter	12/4/2012	16:03	0.0	6.6	9.6	0.0	0	50s	rainy (~0.3 inches)		
GP-2 (12') with filter		--	0.0	6.7	8.5	0.0	0				
GP-2 (16') without filter		16:08	--	6.1	10.3	0.0	0				
GP-2 (16') with filter		--	--	6.4	9.2	0.0	0				
GP-2 (12') without filter	12/13/2012	13:44	0.0	6.6	9.7	0.0	0	40s	none		
GP-2 (12') with filter		--	0.0	6.9	9.3	0.1 U	2 U				
GP-2 (16') without filter		13:39	0.0	3.7	11.8	0.0	0				
GP-2 (16') with filter		--	0.0	4.1	10.2	0.1 U	2 U				
GP-2 (12') without filter	12/18/2012	13:30	0.0	8.2	9.2	0.0	0	40s	none		
GP-2 (12') with filter		--	0.0	8.1	8.9	0.0	1 [1]				
GP-2 (16') without filter		--	0.0	5.8	10.8	0.0	0				
GP-2 (16') with filter		--	0.0	5.7	10.4	0.0	1 [1]				
GP-2 (12') without filter	1/24/2013	15:34	0.0	19.9	2.6	0.0	0.0	20s	none		
GP-2 (12') with filter		15:34	0.0	18.6	2.2	0.0	0.0				
GP-2 (16') without filter		15:40	0.0	15.3	7.7	0.0	0.0				
GP-2 (16') with filter		15:40	0.0	16.9	1.6	0.0	0.0				
GP-2 (12') without filter	1/31/2013	13:50	0.0	17.5	5.0	0.0	0.0	10s - 20s	none		
GP-2 (12') with filter		13:50	0.0	17.1	4.2	0.0	0.0				
GP-2 (16') without filter		13:55	0.0	16.8	5.0	0.0	0.0				
GP-2 (16') with filter		13:55	0.0	17.2	3.4	0.0	0.0				
GP-2 (12') without filter	2/7/2013	15:14	0.0	15.4	5.4	0.0	0.0	20s - 50s	none		
GP-2 (12') with filter		15:14	0.0	16.0	3.5	0.0	0.0				
GP-2 (16') without filter		15:17	0.0	15.0	6.4	0.0	0.0				
GP-2 (16') with filter		15:17	0.0	15.3	4.5	0.0	0.0				
GP-2 (12') without filter	2/12/2013	12:30	0.1	9.2	8.8	0.0	0.0	30s - 40s	none		
GP-2 (12') with filter		12:30	0.1	9.7	8.4	0.0	0.0				
GP-2 (16') without filter		12:45	0.0	7.5	9.1	0.0	0.0				
GP-2 (16') with filter		12:45	0.0	6.9	8.2	0.0	0.0				

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Moraine, Ohio

Sample Location:	Date:	Time	PID (ppm)	O_2 (%)	CO_2 (%)	CH_4[2] (%)	LEL (%)	Ambient Temperature (°F)	Summary of Recent Precipitation	Barometric Pressure (hPa)	Water Levels (ft BTOR)
GP-2 (12') without filter	2/21/2013	13:45	0.0	8.8	8.5	0.0	0.0	20s	Trace		
GP-2 (12') with filter		13:45	0.0	9.1	8.0	0.0	0.0				
GP-2 (16') without filter		13:50	0.0	6.9	7.0	0.0	0.0				
GP-2 (16') with filter		13:50	0.0	7.0	6.7	0.0	0.0				
GP-2 (12') without filter	2/28/2013	12:45	0.0	15.8	4.9	0.0	0.0	30s - 40s	~1 inch		
GP-2 (12') with filter		12:45	0.0	15.8	5.1	0.0	0.0				
GP-2 (16') without filter		12:49	0.0	13.6	6.2	0.0	0.0				
GP-2 (16') with filter		12:49	0.0	13.5	6.2	0.0	0.0				
GP-2	3/7/2013	Inaccessible due to snow cover from road plow activity						30s	None		
GP-2 (12') without filter	3/14/2013	13:45	0.0	16.2	4.3	0.0	0.0	20s - 40s	None		
GP-2 (12') with filter		13:45	0.0	16.1	4.4	0.0	0.0				
GP-2 (16') without filter		13:53	0.0	13.9	6.1	0.0	0.0				
GP-2 (16') with filter		13:53	0.0	13.9	6.2	0.0	0.0				
GP-2 (12') without filter	3/21/2013	12:20	0.0	15.9	3.8	0.0	0.0	20s - 30s	Trace		
GP-2 (12') with filter		12:20	0.0	15.9	3.9	0.0	0.0				
GP-2 (16') without filter		12:26	0.0	14.2	5.7	0.0	0.0				
GP-2 (16') with filter		12:26	0.0	14.1	5.9	0.0	0.0				
GP-2 (12') without filter	3/28/2013	12:10	0.0	14.6	6.1	0.0	0.0	30s - 40s	None		
GP-2 (12') with filter		12:10	0.0	14.4	6.3	0.0	0.0				
GP-2 (16') without filter		12:15	0.0	12.9	7.4	0.0	0.0				
GP-2 (16') with filter		12:15	0.0	12.9	7.5	0.0	0.0				
GP-2 (12') without filter	4/4/2013	14:04	0.0	15.7	5.2	0.0	0.0	30s - 50s	None		
GP-2 (12') with filter		14:04	0.0	15.6	5.1	0.0	0.0				
GP-2 (16') without filter		14:11	0.0	13.8	6.0	0.0	0.0				
GP-2 (16') with filter		14:11	0.0	13.8	6.1	0.0	0.0				
GP-2 (12') without filter	4/9/2013	13:56	0.0	13.9	5.2	0.0	0.0	50s - 80s	None		
GP-2 (12') with filter		13:56	0.0	13.8	5.5	0.0	0.0				
GP-2 (16') without filter		14:03	0.0	12.2	5.9	0.0	0.0				
GP-2 (16') with filter		14:03	0.0	12.2	6.0	0.0	0.0				
GP-2 (12') without filter	4/18/2013	13:48	0.0	14.7	6.1	0.0	0.0	60s - 80s	None		
GP-2 (12') with filter		13:48	0.0	14.7	6.0	0.0	0.0				
GP-2 (16') without filter		13:54	0.0	13.2	7.4	0.0	0.0				
GP-2 (16') with filter		13:54	0.0	13.3	7.2	0.0	0.0				
GP-2 (12') without filter	4/23/2013	14:45	0.0	16.3	3.8	0.0	0.0	50s - 60s	None		
GP-2 (12') with filter		14:45	0.0	16.8	0.8	0.0	0.0				
GP-2 (16') without filter		14:48	0.0	15.9	4.2	0.0	0.0				
GP-2 (16') with filter		14:48	0.0	16.3	2.9	0.0	0.0				
GP-2 (12') without filter	4/30/2013	14:45	0.0	16.8	3.4	0.0	0.0	40s - 70s	None		
GP-2 (12') with filter		14:45	0.0	17.0	0.9	0.0	0.0				
GP-2 (16') without filter		14:50	0.0	16.3	3.9	0.0	0.0				
GP-2 (16') with filter		14:50	0.0	16.7	1.6	0.0	0.0				
GP-2 (12') without filter	5/9/2013	14:41	0.0	14.8	3.3	0.0	0.0	50s - 70s	None		
GP-2 (12') with filter		14:41	0.0	14.9	0.9	0.0	0.0				
GP-2 (16') without filter		14:45	0.0	14.1	3.8	0.0	0.0				
GP-2 (16') with filter		14:45	0.0	14.5	1.5	0.0	0.0				

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Sample Location:	Date:	Time	PID (ppm)	O_2 (%)	CO_2 (%)	CH_4[2] (%)	LEL (%)	Ambient Temperature (°F)	Summary of Recent Precipitation	Barometric Pressure (hPa)	Water Levels (ft BTOR)
GP-2 (12') without filter	5/16/2013	13:25	0.0	15.3	4.1	0.0	0.0	40s - 80s	~1 inch		
GP-2 (12') with filter		13:25	0.0	15.3	4.0	0.0	0.0				
GP-2 (16') without filter		13:32	0.0	13.9	4.8	0.0	0.0				
GP-2 (16') with filter		13:32	0.0	13.9	4.8	0.0	0.0				
GP-2 (12') without filter	5/21/2013	15:29	0.0	13.7	3.8	0.0	0.0	40s - 80s	~0.2 inch		
GP-2 (12') with filter		15:29	0.0	13.8	3.2	0.0	0.0				
GP-2 (16') without filter		15:32	0.0	12.7	4.5	0.0	0.0				
GP-2 (16') with filter		15:32	0.0	12.8	3.0	0.0	0.0				
GP-2 (12') without filter	5/30/2013	13:20	0.0	15.8	3.8	0.0	0.0	50s - 80s	~1.3 inch		
GP-2 (12') with filter		13:20	0.0	15.8	3.9	0.0	0.0				
GP-2 (16') without filter		13:25	0.0	13.1	5.1	0.0	0.0				
GP-2 (16') with filter		13:25	0.0	13.0	5.3	0.0	0.0				
GP-2 (12') without filter	6/6/2013	14:50	0.0	16.3	4.6	0.0	0.0	60s	0.25 inch		
GP-2 (12') with filter		14:50	0.0	16.2	4.9	0.0	0.0				
GP-2 (16') without filter		15:00	0.0	14.7	6.0	0.0	0.0				
GP-2 (16') with filter		15:00	0.0	14.7	6.2	0.0	0.0				
GP-2 (12') without filter	6/13/2013	16:05	0.0	8.2	5.4	0.0	0.0	60s - 80s	1.55 inch		
GP-2 (12') with filter		16:05	0.0	7.5	5.4	0.0	0.0				
GP-2 (16') without filter		16:10	--	5.2	6.6	0.0	0.0				
GP-2 (16') with filter		16:10	--	5.1	6.4	0.0	0.0				
GP-2 (12') without filter	6/20/2013	--	0.0	8.0	6.1	0.0	0.0	50s - 80s	None		
GP-2 (12') with filter		--	0.0	8.3	5.9	0.0	0.0				
GP-2 (16') without filter		--	--	5.3	6.5	0.0	0.0				
GP-2 (16') with filter		--	--	5.6	6.0	0.0	0.0				
GP-2 (12') without filter	6/27/2013	14:06	0.6	15.9	1.5	0.0	0.0	70s - 80s	Trace		
GP-2 (12') with filter		14:06	0.6	16.3	0.2	0.0	0.0				
GP-2 (16') without filter		14:11	43.6	3.7	2.6	1.6	30				
GP-2 (16') with filter		14:11	43.6	2.1	3.6	1.0	20				
GP-2 (12') without filter	7/3/2013	13:18	23.5	6.9	4.9	1.4	28	60s - 80s	Trace		
GP-2 (12') with filter		13:18	23.5	7.5	3.4	0.7	13				
GP-2 (16') without filter		13:22	59.6	1.9	7.1	5.8	>100				
GP-2 (16') with filter		13:22	59.6	1.6	6.9	1.8	36				
GP-2 (12') without filter	7/11/2013	14:45	40.4	4.0	6.5	6.5	>100	60s - 70s	None		
GP-2 (12') with filter		14:45	40.4	4.0	4.9	3.4	68				
GP-2 (16') without filter		14:51	55.6	4.6	6.2	11.2	>100				
GP-2 (16') with filter		14:51	55.6	3.9	5.0	2.2	44				
GP-2 (12') without filter	7/18/2013	14:35	20.4	17.7	1.2	0.5	10	70s - 90s	None		
GP-2 (12') with filter		14:35	20.4	17.7	1.0	0.2	5				
GP-2 (16') without filter		14:41	44.3	1.9	7.4	5.1	>100				
GP-2 (16') with filter		14:41	44.3	4.7	1.8	1.8	36				
GP-2 (12') without filter	7/25/2013	14:15	38.7	4.8	6.5	3.8	75	50s - 70s	None		
GP-2 (12') with filter		14:15	38.7	4.7	6.1	3.0	60				
GP-2 (16') without filter		14:20	48.3	4.4	7.9	4.0	80				
GP-2 (16') with filter		14:20	48.3	4.2	8.3	3.3	65				
GP-2 (12') without filter	8/1/2013	14:00	83.5	8.1	5.3	1.4	28	60s - 80s	None		
GP-2 (12') with filter		14:00	83.5	6.2	4.9	1.1	21				
GP-2 (16') without filter		14:05	89.8	4.1	7.3	2.8	55				
GP-2 (16') with filter		14:05	89.8	3.1	7.2	1.8	35				

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Sample Location:	Date:	Time	PID (ppm)	O_2 (%)	CO_2 (%)	CH_4[2] (%)	LEL (%)	Ambient Temperature (°F)	Summary of Recent Precipitation	Barometric Pressure (hPa)	Water Levels (ft BTOR)
GP-2 (12') without filter	8/6/2013	14:06	10.5	3.9	7.6	1.3	27	60s - 80s	None		
GP-2 (12') with filter		14:06	10.5	3.7	5.9	1.0	21				
GP-2 (16') without filter		14:10	31.6	4.3	7.4	2.5	51				
GP-2 (16') with filter		14:10	31.6	3.1	6.1	1.7	34				
GP-2 (12') without filter	8/15/2013	13:35	16.6	7.9	3.1	2.0	40	40s - 70s	None		
GP-2 (12') with filter		13:35	16.6	7.7	3.3	1.6	32				
GP-2 (16') without filter		13:40	20.6	1.5	6.2	2.2	44				
GP-2 (16') with filter		13:40	20.6	1.4	7.5	2.0	40				
GP-2 (12') without filter	8/22/2013	14:41	33.9	3.2	8.0	2.3	47	60s - 80s	Trace (0.06 in.)		
GP-2 (12') with filter		14:41	33.9	3.2	8.4	2.0	41				
GP-2 (16') without filter		14:45	55.0	1.8	8.5	4.3	87				
GP-2 (16') with filter		14:45	55.0	1.6	8.3	2.0	41				
GP-2 (12') without filter	8/27/2013	14:21	22.8	2.5	8.4	3.7	74	70s - 80s	None		
GP-2 (12') with filter		14:21	22.8	2.6	8.9	1.9	39				
GP-2 (16') without filter		14:26	39.5	2.3	8.7	**7.9**	**>100**				
GP-2 (16') with filter		14:26	39.5	2.2	9.0	**6.1**	**>100**				
GP-2 (12') without filter	9/5/2013	-	31.3	2.2	8.7	**7.0**	**>100**	50s - 80s	None		
GP-2 (12') with filter		-	31.3	2.3	6.9	3.0	58				
GP-2 (16') without filter		-	39.0	3.1	8.3	**8.4**	**>100**				
GP-2 (16') with filter		-	39.0	3.7	6.5	2.8	56				
GP-2	9/12/2013	Inaccessible due to high water/flood conditions						60s - 80s	0.29 inches		
GP-2 (12') without filter	9/20/2013		24.7	2.6	8.7	3.2	65	60s - 80s	0.6 inches	1009 - 1013	
GP-2 (12') with filter			24.7	2.1	8.1	1.8	34				
GP-2 (16') without filter			40.4	1.4	9.6	**7.0**	**>100**				
GP-2 (16') with filter			40.4	1.5	8.9	2.1	42				
GP-2 (12') without filter	9/24/2013	14:27	55.7	1.8	9.6	3.6	71	40s - 70s	None	1016 - 1018	
GP-2 (12') with filter		14:27	55.7	1.9	9.2	3.3	67				
GP-2 (16') without filter		14:33	68.4	1.5	10.0	4.3	86				
GP-2 (16') with filter		14:33	68.4	1.6	10.6	3.9	78				
GP-2 (12') without filter	10/3/2013	13:27	0.9	6.8	7.2	1.3	25	60s - 70s	0.27 inches	1015 - 1022	
GP-2 (12') with filter		13:27	0.9	6.9	5.8	1.1	17				
GP-2 (16') without filter		13:35	53.6	3.6	8.9	2.2	44				
GP-2 (16') with filter		13:35	53.6	3.3	7.5	1.4	27				
GP-2 (12') without filter	10/10/2013	13:41	18.6	0.7	10.3	1.9	38	40s - 70s	None	1020 - 1022	
GP-2 (12') with filter		13:41	18.6	0.5	10.2	1.3	27				
GP-2 (16') without filter		13:47	22.6	0.9	10.3	1.9	39				
GP-2 (16') with filter		13:47	22.6	1.7	9.0	1.2	25				
GP-2 (12') without filter	10/17/2013	14:46	22.8	1.2	10.5	1.4	28	40s - 50s	0.1 inches	1011 - 1014	MW-7: 18.56
GP-2 (12') with filter		14:46	22.8	7.5	6.8	0.8	16				MW-8: 18.70
GP-2 (16') without filter		14:50	23.1	1.3	10.6	1.5	29				MW-11: 20.31
GP-2 (16') with filter		14:50	23.1	1.5	10.1	1.2	23				MW-12: 20.39
GP-2 (12') without filter	10/24/2013	13:42	0.0	1.5	10.9	0.0	0	30s - 40s	Trace (0.02 inches)	1015 - 1025	MW-7: 18.69
GP-2 (12') with filter		13:42	0.0	1.6	10.2	0.0	0				MW-8: 18.83
GP-2 (16') without filter		13:47	5.6	4.6	9.6	0.0	0				MW-11: 20.66
GP-2 (16') with filter		13:47	5.6	4.9	8.6	0.0	0				MW-12: 20.44
GP-2 (12') without filter	10/31/2013	15:07	0.0	6.3	8.2	0.0	0	60s	1.25 inches	1000 - 1010	MW-7: 18.71
GP-2 (12') with filter		15:07	0.0	6.4	7.3	0.0	0				MW-8: 18.87
GP-2 (16') without filter		15:13	1.1	6.4	8.3	0.0	0				MW-11: 20.69
GP-2 (16') with filter		15:13	1.1	6.7	7.5	0.0	0				MW-12: 20.47

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Sample Location:	Date:	Time	PID (ppm)	O_2 (%)	CO_2 (%)	CH_4[2] (%)	LEL (%)	Ambient Temperature (°F)	Summary of Recent Precipitation	Barometric Pressure (hPa)	Water Levels (ft BTOR)
GP-2 (12') without filter	11/7/2013	13:45	0.0	4.6	9.5	0.0	0	40s	Trace (0.04 inches)	1020 - 1025	MW-7: 18.43
GP-2 (12') with filter		13:45	0.0	4.1	7.9	0.0	0				MW-8: 18.57
GP-2 (16') without filter		13:51	0.0	2.6	10.7	0.0	0				MW-11: 20.28
GP-2 (16') with filter		13:51	0.0	2.6	10.2	0.0	0				MW-12: 20.13
GP-2 (12') without filter	11/12/2013	13:32	0.0	5.8	9.5	0.0	0	20s - 30s	Trace (0.05 inches)	1030 - 1036	MW-7: 18.28
GP-2 (12') with filter		13:32	0.0	6.2	8.6	0.0	0				MW-8: 18.37
GP-2 (16') without filter		13:38	0.0	5.4	9.6	0.0	0				MW-11: 20.02
GP-2 (16') with filter		13:38	0.0	5.3	8.6	0.0	0				MW-12: 19.86
GP-2 (12') without filter	11/20/2013	14:10	0.0	4.5	10.1	0.0	0	20s - 40s	None	1023 - 1026	MW-7: 18.27
GP-2 (12') with filter		14:10	0.0	5.0	8.3	0.0	0				MW-8: 18.40
GP-2 (16') without filter		14:15	0.0	3.5	10.4	0.0	0				MW-11: 20.24
GP-2 (16') with filter		14:15	0.0	4.0	9.8	0.0	0				MW-12: 20.02
GP-2 (12') without filter	11/26/2013	14:35	0.0	3.4	10.4	0.1	1	30s	Trace (0.01 inches)	1013 - 1019	MW-7: 18.10
GP-2 (12') with filter		14:35	0.0	3.4	9.5	0.0	0				MW-8: 18.25
GP-2 (16') without filter		14:39	0.0	3.3	10.7	0.1	1				MW-11: 20.07
GP-2 (16') with filter		14:39	0.0	3.3	10.6	0.1	1				MW-12:19.85
GP-2 (12') without filter	12/5/2013	14:44	0.0	6.5	9.7	0.0	0	30s - 40s	0.07 inches	1013 - 1016	MW-7: 18:38
GP-2 (12') with filter		14:44	0.0	6.6	8.7	0.0	0				MW-8: 18.52
GP-2 (16') without filter		14:49	0.0	7.3	9.1	0.0	0				MW-11: 20.35
GP-2 (16') with filter		14:49	0.0	7.4	8.3	0.0	0				MW-12: 20.13
GP-2 (12') without filter	12/12/2013	15:45	0.0	9.9	8.5	0.0	0	15 - 20	None	1030 - 1036	MW-7: 18.45
GP-2 (12') with filter		15:45	0.0	9.7	8.3	0.0	0				MW-8: 18.60
GP-2 (16') without filter		15:49	0.0	7.3	10.4	0.0	0				MW-11: 20.42
GP-2 (16') with filter		15:49	0.0	6.9	9.8	0.0	0				MW-12: 20.20
GP-2 (12') without filter	12/19/2013	14:48	0.0	10.8	7.8	0.0	0	30s - 40s	None	1016 - 1018	MW-7: 18.39
GP-2 (12') with filter		14:48	0.0	11.0	6.8	0.0	0				MW-8: 18.54
GP-2 (16') without filter		14:51	0.0	9.0	8.9	0.0	0				MW-11: 20.37
GP-2 (16') with filter		14:51	0.0	9.6	7.9	0.0	0				MW-12: 20.21
GP-2 (12') without filter	12/23/2013	11:20	0.0	8.1	7.9	0.0	0	20s - 30s	Trace (0.02 inches)	1026 - 1029	MW-7: 15.63
GP-2 (12') with filter		11:20	0.0	8.1	6.9	0.0	0				MW-8: 15.72
GP-2 (16') without filter		11:27	0.0	5.8	10.4	0.0	0				MW-11: 17.45
GP-2 (16') with filter		11:27	0.0	7.6	8.7	0.0	0				MW-12: 17.32
GP-2 (12') without filter	1/2/2014	16:20	0.0	21.5	0.1	0.0	0	20s - 30s	5.46 inches	1012 - 1026	MW-7: 15.24
GP-2 (12') with filter		16:20	0.0	18.2	0.3	0.0	0				MW-8: 15.39
GP-2 (16') without filter		16:24	0.0	21.4	0.3	0.0	0				MW-11: 17.21
GP-2 (16') with filter		16:24	0.0	21.5	0.3	0.0	0				MW-12: 16.98
GP-2 (12') without filter	1/9/2014	14:40	0.0	13.8	6.6	0.0	0	20s - 30s	1.55 inches	1026 - 1035	MW-7: 15.17
GP-2 (12') with filter		14:40	0.0	14.0	6.0	0.0	0				MW-8: 15.28
GP-2 (16') without filter		14:45	0.0	12.0	8.2	0.0	0				MW-11: 17.11
GP-2 (16') with filter		14:45	0.0	13.1	6.7	0.0	0				MW-12: 16.98
GP-2 (12') without filter	1/16/2014	13:00	0.0	13.8	6.1	0.0	0	20s - 30s	0.97 inches	1008 - 1019	MW-7: 15.93
GP-2 (12') with filter		13:00	0.0	13.9	3.8	0.0	0				MW-8: 16.06
GP-2 (16') without filter		13:07	0.0	12.9	7.2	0.0	0				MW-11: 17.90
GP-2 (16') with filter		13:07	0.0	13.2	4.1	0.0	0				MW-12: 17.71
GP-2 (12') without filter	1/23/2014	13:00	0.0	16.8	5.1	0.0	0	5 - 15	Trace	1019 - 1038	MW-7: 15.62
GP-2 (12') with filter		13:00	0.0	16.5	4.7	0.0	0				MW-8: 15.83
GP-2 (16') without filter		13:07	0.0	15.4	6.0	0.0	0				MW-11: 17.59
GP-2 (16') with filter		13:07	0.0	15.3	4.9	0.0	0				MW-12: 17.46

Table 1

GP-2 Field Monitoring Values
South Dayton Dump and Landfill Site
Moraine, Ohio

Sample Location:	Date:	Time	PID (ppm)	O_2 (%)	CO_2 (%)	CH_4[2] (%)	LEL (%)	Ambient Temperature (°F)	Summary of Recent Precipitation	Barometric Pressure (hPa)	Water Levels (ft BTOR)
GP-2 (12') without filter	1/28/2014	14:25	0.0	17.3	4.6	0.0	0	5	None	1030 - 1033	MW-7: 17.27
GP-2 (12') with filter		14:25	0.0	17.3	4.1	0.0	0				MW-8: 17.41
GP-2 (16') without filter		14:30	0.0	15.2	6.5	0.0	0				MW-11 & MW-
GP-2 (16') with filter		14:30	0.0	15.2	5.8	0.0	0				12: iced over
GP-2 (12')	2/6/2014	Inaccessible due to snow coverage from road plows						15 - 25	0.3 inches	1029 - 1032	Inaccessible
GP-2 (12') without filter	2/13/2014	15:16	0.0	17.5	4.5	0.0	0	25 - 35	None	1003 - 1018	MW-7: 17.62
GP-2 (12') with filter		15:16	0.0	17.7	3.8	0.0	0				MW-8: 17.77
GP-2 (16') without filter		15:20	0.0	19.3	2.2	0.0	0				MW-11 & MW-
GP-2 (16') with filter		15:20	0.0	19.5	0.6	0.0	0				12: iced over
GP-2 (12') without filter	2/20/2014	14:12	0.0	16.8	4.3	0.0	0	35 - 40	None	1010 - 1014	MW-7: 17:53
GP-2 (12') with filter		14:12	0.0	16.8	4.0	0.0	0				MW-8: 17.66
GP-2 (16') without filter		14:14	0.0	15.8	5.4	0.0	0				MW-11: 19:50
GP-2 (16') with filter		14:14	0.0	15.9	4.5	0.0	0				MW-12: 19.27
GP-2 (12') without filter	2/27/2014	13:10	0.1	19.3	2..3	0.0	0	15 - 25	Trace	1008 - 1024	MW-7: 15.64
GP-2 (12') with filter		13:10	0.1	19.4	1.7	0.0	0				MW-8: 15.78
GP-2 (16') without filter		13:17	0.0	17.2	4.8	0.1	0				MW-11: 17.59
GP-2 (16') with filter		13:17	0.0	17.4	4.1	0.0	0				MW-12: 17.41
GP-2 (12') without filter	3/6/2014	14:21	0.0	17.8	4.3	0.0	0	35 - 45	None	1020 - 1029	MW-7: na
GP-2 (12') with filter		14:21	0.0	17.7	4.1	0.0	0				MW-8: na
GP-2 (16') without filter			0.0	16.8	5.2	0.0	0				MW-11: na
GP-2 (16') with filter			0.0	16.7	5.1	0.0	0				MW-12: na
GP-2 (12') without filter	4/2/2014	11:57	0.0	18.1	3.5	0.0	0	50s	Trace (0.15 inches)	1020	MW-7: 14.12
GP-2 (12') with filter		11:57	0.0	18.0	3.7	0.0	0				MW-8: 14.32
GP-2 (16') without filter			0.0	17.3	4.4	0.0	0				MW-11: 16.06
GP-2 (16') with filter			0.0	17.3	4.5	0.0	0				MW-12: 15.91
GP-2 (12') without filter	5/8/2014 [3]	15:18	0.2	16.3	3.0	0.0	0	75-85	None	1013-1017	MW-7: 16.84
GP-2 (12') with filter		15:18	0.2	16.4	2.5	0.0	0				MW-8: 16.70
GP-2 (16') without filter		15:22	0.5	20.3	0.0	0.0	0				MW-11: 18.68
GP-2 (16') with filter		15:22	0.5	20.0	1.6	0.0	0				MW-12: 18.46
GP-2 (12') without filter	6/3/2014	15:40	0.0	12.6	4.1	0.0	0	75-85	Trace	1011-1014	MW-7: na
GP-2 (12') with filter		15:40	0.0	12.6	3.7	0.0	0				MW-8: na
GP-2 (16') without filter		15:45	0.1	11.6	4.4	0.0	0				MW-11: na
GP-2 (16') with filter		15:45	0.1	11.7	4.4	0.0	0				MW-12: na
GP-2 (12') without filter	7/17/2014	15:17	0.0	2.2	6.7	0.0	0	70-75	None	1016-1020	MW-7: 17.37
GP-2 (12') with filter		15:17	0.0	2.1	6.4	0.0	0				MW-8: 17.51
GP-2 (16') without filter		15:23	15.0	1.7	6.7	1.7	35				MW-11: 19.36
GP-2 (16') with filter		15:23	15.0	1.7	6.2	1.1	23				MW-12: 19.13
GP-2 (12') without filter	8/14/2014	14:40	13.3	2.2	7.4	1.6	33	70-80	None	1014-1017	MW-7: 18.33
GP-2 (12') with filter		14:40	13.3	2.3	6.4	1.4	29				MW-8: 18.19
GP-2 (16') without filter		14:46	45.8	1.3	8.2	**5.8**	**>100**				MW-11: 20.17
GP-2 (16') with filter		14:46	45.8	1.3	7.6	2.4	49				MW-12: 19.94
GP-2 (12') without filter	8/21/2014	15:51	25.6	0.9	8.5	2.7	55	75-79	1.14 Inches	1014-1018	MW-7: na
GP-2 (12') with filter		15:51	25.6	0.9	8.2	1.8	36				MW-8: na
GP-2 (16') without filter		14:45	7.2	0.8	9.2	**6.0**	**>100**				MW-11: na
GP-2 (16') with filter		14:45	7.2	0.8	8.2	2.4	48				MW-12: na
GP-2 (12') without filter	8/28/2014	11:40	35.4	0.7	9.2	4.5	90	75--80	None	1016-1019	MW-7: 18.11
GP-2 (12') with filter		11:40	35.4	0.7	7.4	2.4	48				MW-8: 18.25
GP-2 (16') without filter		11:43	40.0	1.7	9.5	**5.9**	**>100**				MW-11: 20.10
GP-2 (16') with filter		11:43	40.0	1.6	8.3	2.2	45				MW-12: 19.87

Table 1

GP-2 Field Monitoring Values
South Dayton Dump and Landfill Site
Moraine, Ohio

Sample Location:	Date:	Time	PID (ppm)	O_2 (%)	CO_2 (%)	CH_4[2] (%)	LEL (%)	Ambient Temperature (°F)	Summary of Recent Precipitation	Barometric Pressure (hPa)	Water Levels (ft BTOR)
GP-2 (12') without filter	9/4/2014	14:40	26.5	3.8	7.6	2.3	46	85-90	None	1016-1019	MW-7: na
GP-2 (12') with filter		14:40	26.5	3.9	7.9	2.1	41				MW-8: na
GP-2 (16') without filter		14:45	38.2	6.1	7.1	3.3	66				MW-11: na
GP-2 (16') with filter		14:45	38.2	6.1	7.3	3.0	60				MW-12: na
GP-2 (12') without filter	10/9/2014	13:34	0.0	4.8	9.0	0.0	0	50s	0.3 Inches	1017-1021	MW-7: na
GP-2 (12') with filter		13:34	0.0	5.2	9.3	0.0	0				MW-8: na
GP-2 (16') without filter		13:40	0.0	3.5	10.4	0.0	0				MW-11: na
GP-2 (16') with filter		13:40	0.0	3.6	10.2	0.0	0				MW-12: na
GP-2 (12') without filter	11/26/2014	13:43	0.0	14.6	4.1	0.0	0	30-35	None	1018-1023	MW-7: na
GP-2 (12') with filter		13:43	0.0	15.0	1.6	0.0	0				MW-8: na
GP-2 (16') without filter		13:46	0.0	13.6	4.6	0.0	0				MW-11: na
GP-2 (16') with filter		13:46	0.0	13.4	2.3	0.0	0				MW-12: na
GP-2 (12') without filter	2/6/2015	16:00	0.0	20.6	0.0	0.0	0	25-35	None	1022 - 1030	MW-7: 17.85
GP-2 (12') with filter		16:00	0.0	20.7	0.0	0.0	0				MW-8: 17.98
GP-2 (16') without filter		16:04	0.0	14.7	5.9	0.0	0				MW-11: 19.81
GP-2 (16') with filter		16:04	0.0	14.8	5.2	0.0	0				MW-12: 19.59
GP-2 (12') without filter	5/20/2015	16:09	0.0	9.5	4.2	0.0	0	50-60	None	1016 - 1022	MW-7: 17.45
GP-2 (12') with filter		16:09	0.0	9.8	3.4	0.0	0				MW-8: 17.60
GP-2 (16') without filter		16:11	0.0	7.1	5.2	0.0	0				MW-11: 19.43
GP-2 (16') with filter		16:11	0.0	7.0	4.9	0.0	0				MW-12: 19.21
GP-2 (12') without filter	8/20/2015	14:00	0.0	4.4	9.0	0.0	0	65-70	Trace	1009 - 1017	MW-7: 17.75
GP-2 (12') with filter		14:00	0.0	4.4	8.4	0.0	0				MW-8: 17.56
GP-2 (16') without filter		14:04	1.2	2.3	9.8	0.1	3				MW-11: 19.54
GP-2 (16') with filter		14:04	1.2	2.5	9.6	0.1	2				MW-12: 19.30
GP-2 (12') without filter	11/5/2015	14:22	0.0	2.2	9.7	0.0	0	60-70	Trace	1019 - 1021	MW-7: 18.60
GP-2 (12') with filter		14:22	0.0	2.3	7.5	0.0	0				MW-8: 18.46
GP-2 (16') without filter		14:25	0.0	1.2	10.5	0.0	0				MW-11: 20.43
GP-2 (16') with filter		14:25	0.0	1.2	8.7	0.0	0				MW-12: 20.20
GP-2 (12') without filter	1/28/2016	14:42	0.0	14.2	6.2	0.0	0	35-45	Trace	1005 - 1012	MW-7: 17.54
GP-2 (12') with filter		14:42	0.0	14.5	4.9	0.0	0				MW-8: 17.40
GP-2 (16') without filter		14:47	0.0	12.0	7.9	0.0	0				MW-11: 19.37
GP-2 (16') with filter		14:47	0.0	12.1	7.4	0.0	0				MW-12: 19.15
GP-2 (12') without filter	7/21/2016	14:26	74.9	1.5	7.5	**13.5**	**>100**	88-91	None	1019 - 1020	MW-7: 18.77
GP-2 (12') with filter		14:26	74.9	1.3	7.4	4.5	87				MW-8: 18.65
GP-2 (16') without filter		14:32	98.1	1.3	7.8	**34.6**	**>100**				MW-11: 20.61
GP-2 (16') with filter		14:32	98.1	1.4	7.5	**5.0**	**>100**				MW-12: 20.37
GP-2 (12') without filter	7/29/2016[4]	11:06	68.4	0.5	7.5	**13.7**	**>100**	85-86	None	1010 - 1014	MW-7: 19.08
GP-2 (12') with filter		11:06	68.4	10.1	3.4	2.1	42				MW-8: 18.86
GP-2 (16') without filter		11:17	83.5	0.7	7.7	**39.2**	**>100**				MW-11: 20.58
GP-2 (16') with filter		11:17	83.5	9.8	3.7	2.6	52				MW-12: 20.68
GP-2 (12') without filter	8/5/2016	17:08	30.4	0.1	7.7	**12.3**	**>100**	87 - 91	None	1012 - 1014	MW-7: 19.20
GP-2 (12') with filter		17:08	30.4	0.1	7.6	4.5	91				MW-8: 19.05
GP-2 (16') without filter		17:12	63.0	0.2	7.9	**37.8**	**>100**				MW-11:21.03
GP-2 (16') with filter		17:12	63.0	0.9	7.4	**5.1**	**>100**				MW-12:20.78

Table 1

GP-2 Field Monitoring Values
South Dayton Dump and Landfill Site
Moraine, Ohio

Sample Location:	Date:	Time	PID (ppm)	O_2 (%)	CO_2 (%)	CH_4[2] (%)	LEL (%)	Ambient Temperature (°F)	Summary of Recent Precipitation	Barometric Pressure (hPa)	Water Levels (ft BTOR)
GP-2 (12') without filter	8/13/2016	11:25	41.8	0.0	8.2	**15.5**	**>100**	79 - 84	Trace	1011 - 1015	MW-7: 19.24
GP-2 (12') with filter		11:25	41.8	0.9	7.6	4.5	90				MW-8: 19.38
GP-2 (16') without filter		11:32	73.0	0.0	8.6	**44.1**	**>100**				MW-11: 20.97
GP-2 (16') with filter		11:32	73.0	1.6	7.7	4.9	99				MW-12: 21.08
GP-2 (12') without filter	8/19/2016[5]	11:04	8.1	0.0	8.9	**16.7**	**>100**	77 - 86	None	1014 - 1017	MW-7: 19.04
GP-2 (12') with filter		11:04	8.1	0.1	8.6	4.1	82				MW-8: 18.90
GP-2 (16') without filter		11:12	17.0	0.3	9.2	**30.5**	**>100**				MW-11: 20.87
GP-2 (16') with filter		11:12	17.0	0.4	9.0	4.2	84				MW-12: 20.64
GP-2 (12') without filter	8/23/2016	12:53	47.9	0.1	8.3	**9.3**	**>100**	75 -80	None	1023 -1026	MW-7: 18.99
GP-2 (12') with filter		12:53	47.9	0.1	8.3	3.4	68				MW-8: 19.12
GP-2 (16') without filter		12:59	68.3	0.0	8.7	**15.5**	**>100**				MW-11: 20.70
GP-2 (16') with filter		12:59	68.3	0.0	8.7	3.5	70				MW-12: 20.81
GP-2 (12') without filter	8/29/2016	13:08	60.7	0.4	8.8	**6.4**	**>100**	79-88	None	1022 - 1025	MW-7: 19.11
GP-2 (12') with filter		13:08	60.7	0.4	8.6	3.0	60				MW-8: 18.98
GP-2 (16') without filter		13:13	82.5	0.2	9.3	**15.7**	**>100**				MW-11: 20.71
GP-2 (16') with filter		13:13	82.5	0.3	9.0	3.3	65				MW-12: 20.85
GP-2 (12') without filter	9/7/2016		18.1	0.0	8.5	4.5	90	75 - 90	None	1019 - 1022	MW-7: 19.45
GP-2 (12') with filter			18.1	0.0	8.0	2.8	56				MW-8: 19.29
GP-2 (16') without filter			33.0	0.0	8.7	**13.3**	**>100**				MW-11: 21.74
GP-2 (16') with filter			33.0	0.0	8.5	3.6	73				MW-12: 21.03
GP-2 (12') without filter	9/14/2016		32.7	0.0	9.3	**6.9**	**>100**	75 - 85	Trace	1020 - 1024	MW-7: 19.37
GP-2 (12') with filter			32.7	0.0	9.4	3.2	65				MW-8: 19.22
GP-2 (16') without filter			53.1	0.0	9.6	**20.1**	**>100**				MW-11: 21.10
GP-2 (16') with filter			53.1	0.0	9.6	4.0	80				MW-12: 20.91
GP-2 (12') without filter	9/20/2016	14:10	25.5	0.0	8.8	**7.4**	**>100**	72 - 86	None	1019 - 1022	MW-7: 19.55
GP-2 (12') with filter		14:10	25.5	0.0	8.8	3.3	67				MW-8: 19.41
GP-2 (16') without filter		14:28	37.7	0.0	9.0	**19.4**	**>100**				MW-11: 21.24
GP-2 (16') with filter		14:28	37.7	0.0	8.8	4.0	80				MW-12: 21.15
GP-2 (12') without filter	9/28/2016	14:43	28.5	0.1	10.0	**6.6**	**>100**	50 - 60	1 inch	1009 - 1014	MW-7: 19.67
GP-2 (12') with filter		14:43	28.5	0.0	10.1	3.1	62				MW-8: 19.52
GP-2 (16') without filter		14:48	35.2	0.1	10.2	**16.6**	**>100**				MW-11: 21.51
GP-2 (16') with filter		14:48	35.2	0.1	10.2	3.7	74				MW-12: 21.26
GP-2 (12') without filter	10/7/2016	11:38	88.4	0.0	9.4	**5.7**	**>100**	55 - 79	None	1016 - 1020	MW-7: 19.56
GP-2 (12') with filter		11:38	88.4	0.0	9.3	2.8	56				MW-8: 19.40
GP-2 (16') without filter		11:43	89.5	0.0	9.7	**11.9**	**>100**				MW-11: 21.38
GP-2 (16') with filter		11:43	89.5	0.0	8.6	3.4	68				MW-12: 21.13
GP-2 (12') without filter	10/12/2016	15:44	27.9	0.0	9.4	4.7	94	50 - 77	Trace	1017 - 1023	MW-7: 19.69
GP-2 (12') with filter		15:44	27.9	0.0	9.2	2.7	54				MW-8: 19.55
GP-2 (16') without filter		15:40	44.2	0.0	9.7	**10.2**	**>100**				MW-11: 21.27
GP-2 (16') with filter		15:40	44.2	0.0	9.4	2.9	59				MW-12: 21.52
GP-2 (12') without filter	10/21/2016	12:55	25.4	0.0	10.4	**6.0**	**>100**	48 - 55	0.3 inches	1012 - 1018	MW-7: 19.71
GP-2 (12') with filter		12:55	25.4	0.2	10.1	2.8	56				MW-8: 19.54
GP-2 (16') without filter		12:55	27.2	0.4	10.5	**12.5**	**>100**				MW-11: 21.26
GP-2 (16') with filter		12:55	27.2	0.4	10.1	3.1	62				MW-12: na
GP-2 (12') without filter	10/28/2016	13:17	16.5	0.8	10.1	3.2	65	43 - 64	None	1020 - 1027	MW-7: 19.53
GP-2 (12') with filter		13:17	16.5	0.4	8.4	2.0	40				MW-8: 19.38
GP-2 (16') without filter			32.9	0.5	10.0	4.4	90				MW-11: 21.10
GP-2 (16') with filter			32.9	0.7	9.6	1.9	40				MW-12: 21.35

Table 1

GP-2 Field Monitoring Values
South Dayton Dump and Landfill Site
Moraine, Ohio

Sample Location:	Date:	Time	PID (ppm)	O_2 (%)	CO_2 (%)	CH_4[2] (%)	LEL (%)	Ambient Temperature (°F)	Summary of Recent Precipitation	Barometric Pressure (hPa)	Water Levels (ft BTOR)
GP-2 (12') without filter	11/29/2016	13:30	0.2	0.2	11.3	0.0	0	45 - 60	None	996 - 1007	MW-7: na
GP-2 (12') with filter		13:30	0.2	0.2	11.0	0.0	0				MW-8: na
GP-2 (16') without filter		13:35	9.6	0.4	10.8	0.7	14				MW-11: na
GP-2 (16') with filter		13:35	9.6	0.4	10.5	0.4	9				MW-12: na

Notes:

[1] - The explosive gas monitor baseline reading was 1 percent LEL. The meter did not zero for LEL readings and the corresponding methane readings were 0 percent; therefore, the readings of 1 percent are anomalous.

[2] - The Landtec GEM 2000 combustible gas monitor measures explosive gases as a percent of methane by volume. The presence of other hydrocarbon gases affects methane readings.

[3] -CO_2 readings started at 0.1 ppm.

[4] -GHD field personnel noted the presence of a manhole (and a possible underground utility) located ~ 3 feet from GP-2 that may be contributing to elevated methane levels

[5] Collected SUMMA canister samples at GP-2 (12')(16')

PID - Photoionization Detector

O_2 - Oxygen

CO_2 - Carbon Dioxide

CH_4 - Methane

LEL - Lower Explosive Limit

NM - Not measured

U - Qualified as non-detect due to issues with the filter

Value - Value is greater than LEL for methane (5 percent methane)

Source of weather data from July to November 2016:
https://www.wunderground.com/history/airport/KDAY/2016/9/28/DailyHistory.html?req_city=&req_state=&req_statename=&reqdb.zip=&reqdb.magic=&reqdb.wmo=