December 9, 2016 Reference No. 038443-111

Ms. Leslie Patterson
Remedial Project Manager
United States Environmental Protection Agency
Region V
77 West Jackson Boulevard
Mail Code SR-6J
Chicago, Illinois
60604

Ms. Madelyn Adams
Environmental Response and Revitalization
Ohio Environmental Protection Agency
Southwest District Office
401 East Fifth Street
Dayton, Ohio
45402

Mr. Steve Renninger
On-Scene Coordinator
USEPA Region V
Emergency Response Branch
26 West Martin Luther King Drive
Cincinnati, Ohio
45268

Dear Ms. Patterson, Ms. Adams, and Mr. Renninger:

Re: Progress Report: November 1 through 30, 2016
South Dayton Dump and Landfill Site, Moraine, Ohio (Site)

This Monthly Progress Report is submitted in accordance with the Administrative Settlement and Order on Consent (ASAOC) for Remedial Investigation/Feasibility Study (RI/FS) Proceeding Under Sections 104, 107, and 122 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as amended, 42 U.S.C. §§ 9604, 9607, and 9622 (United States Environmental Protection Agency [USEPA]) Docket No. V-W-16-C-011) effective June 11, 2016 (RI/FS ASAOC), and the ASAOC for Removal Action Proceeding Under Sections 104, 106(a), 107, and 122 of the CERCLA, 42 U.S.C. §§ 9604, 9606(a), 9607, and 9622 USEPA Docket No. V-W-13-C-010, effective April 8, 2013 (Removal Action ASAOC), for the period of November 1 through 30, 2016.

The next Progress Report for the month of December 2016 will be submitted on or before January 10, 2017.

Significant Developments in this Reporting Period

RI/FS ASAOC Developments

The Respondents have obtained signed access agreements for the on-Site portion of RI/FS Field work. As agreed with USEPA, the access agreements for background sampling locations will be developed following sample location selection. USEPA and GHD attended a meeting on November 21, 2016 with Site owner representatives, Mark Fornes and Jack Boesch, to answer questions regarding the status of the Remedial Investigation.

In August 2016, USEPA requested photographs of Site locations where lead was detected in surface soil material at concentrations greater than threshold concentrations values. On behalf of the Respondents, GHD provided the requested Site photographs in a memorandum dated November 9, 2016.

A conference call was held on October 17, 2016, with representatives of USEPA and GHD to discuss questions regarding analytical testing information included in QAPP Worksheet #15. USEPA requested clarification of the procedure for applying screening values in cases where they are lower than the method detection limits (MDLs) and/or quantitation limits. A follow up conference call was held on November 25, 2016. GHD submitted a modified version of QAPP Worksheet #15 to USEPA on November 25, 2016, highlighting parameters with screening levels less than MDLs to facilitate further discussion.

Removal Action ASAOC Developments

On November 29, 2016, GHD completed monthly methane monitoring at GP-2 in accordance with Addendum 2 of the Vapor Intrusion (VI) Work Plan (GHD, 2015). The readings completed on November 29, 2016 indicated methane levels at GP-2 have remained less than the lower explosive limit (LEL) for both filtered and unfiltered readings (0 – 14% of the LEL). GP-2 Methane monitoring results are provided in Table 1. GHD informed USEPA and Dayton Power and Light (DP&L) of the GP-2 November methane values on November 30, 2016 and December 5, 2016, respectively.

On November 22, 2016, USEPA issued one comment on the Technical Report GP-2 Methane Monitoring Summary and Assessment (GHD, 2016). On December 1, 2016, GHD proposed a modification to Appendix E of the Technical Report to address the USEPA comment.

Summaries of all Anticipated Problems and Planned Resolutions

No problems were encountered during the reporting month and none are currently anticipated.

Projected Work for the Next Reporting Period

- The Respondents and USEPA On-Scene Coordinator will continue to work together to discuss VI mitigation measures and implement the mitigation work plan. This includes further discussion regarding GP-2 information provided to USEPA on October 24, 2016.

Should you have any questions on the above, please do not hesitate to contact us.

Sincerely,

GHD

Julian Hayward

BR/cb/6

Encl.

cc: (all by pdf)

Wendell Barner, Barner Consulting
Tim Hoffman, Dinsmore & Shohl
Robin Lunn, Neal, Gerber & Eisenberg
Bryan Heath, NCR
Scott Blackhurst, Kelsey Hayes Company
Valerie Chan, GHD
Steve Quigley, GHD
Brett Fishwild, CH2M Hill
Ken Brown, ITW
Jim Campbell, EMI
Wray Blattner, Thompson Hine
Ben Prevost, NCR

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				

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	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				

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	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				

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	8/6/2013	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

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	11/7/2013	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-12: iced over
GP-2 (16') with filter		14:30	0.0	15.2	5.8	0.0	0				
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-12: iced over
GP-2 (16') with filter		15:20	0.0	19.5	0.6	0.0	0				
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=