



**CONESTOGA-ROVERS
& ASSOCIATES**

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January 9, 2013

Reference No. 038443-12

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

Dear Ms. Patterson:

Re: Progress Report: December 1 through 31, 2012
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 (ASAO) 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. SS 9604, 9607, and 9622 (United States Environmental Protection Agency [USEPA]) Docket No. V-W-06-C-852 effective August 15, 2006 for the period of December 1 through 31, 2012.

The next Progress Report for the month of January 2013 will be submitted on or before February 10, 2013.

SIGNIFICANT DEVELOPMENTS IN THIS REPORTING PERIOD

On December 5, 2012, the Respondents provided revised conceptual site model (CSM) figures to USEPA, Ohio EPA, and CH2M Hill.

On December 6, and 13, 2012, Dynamac Corporation, USEPA's consultant, provided the Respondents with updated mitigation summary database Excel tables.

On December 6, 2012, the Respondents provided USEPA with a summary table of proposed next steps for buildings with indoor air benzene or chloroform issues. On December 18, 2012, the Respondents notified USEPA of the installation date of sub-slab soil vapor probes, and requested Dynamac Corporation to indicate its availability in January for confirmatory



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January 9, 2013

Reference No. 038443-12

- 2 -

sampling. On December 19, 2012, Dynamac Corporation provided the Respondents with available dates for oversight of the confirmatory vapor intrusion sampling. On December 19, 2012, the Respondents installed new sub-slab soil vapor probes on 2233 Rear East River Road, 2232 East River Road, and 2373 East River Road, in accordance with the mitigation next steps provided to USEPA on December 6. On December 20, 2012, the Respondents confirmed the start date of January 8, 2013 for confirmatory sampling with Dynamac Corporation and USEPA.

On December 6, 13, and 20, 2012, the Respondents and USEPA participated in conference calls regarding USEPA requirements for mitigation as a result of the VI Investigation data. The Respondents provided a summary of the weekly conference call held with USEPA Removal Program representatives on December 6, 13, and 20, 2012. On December 13, 2012, the Respondents provided USEPA with draft sections 1 to 4 of the Mitigation Work Plan for review. USEPA issued its comments on these sections to the Respondents on December 20, 2012.

On December 6, and 10, 2012, Dynamac Corporation provided the Respondents, USEPA, and Ohio EPA with copies of the results letters for Buildings 34 through 36, and Buildings 23, 24, 28, 34, and the Village Park Community Main Office Building.

On December 7, 2012, the Respondents provided the Vapor Intrusion Investigation Summary Report to USEPA, Ohio EPA, and CH2M Hill.

On December 13, 2012, Valley Asphalt Corporation informed the Respondents of a two-week shutdown from December 21, 2012 to January 6, 2013. During the December 20, 2012, conference call the Respondents informed USEPA and Ohio EPA of the shut down and expected lack of weekly methane readings from 1903 Dryden Road, Valley Asphalt Parcel 5054 Building 2 between December 21, 2012 and January 6, 2013.

On December 21, 2012, USEPA provided the Respondents with comments on the revised DQOs and CSM for Operable Unit One.

In December 2012, in order to monitor elevated lower explosive limit (LEL) readings, the Respondents collected weekly field screening measurements [methane (CH₄), carbon dioxide (CO₂), oxygen (O₂), LEL, and photo-ionization detector (PID)] from Valley Asphalt Parcel 5054 Building 2 at 1903 Dryden Road, and SIM Trainer Parcel 5173 Building 1, at 2031 Dryden Road. The field screening values for Valley Asphalt Building 2 and SIM Trainer are provided in Tables 1 and 2, respectively.



**CONESTOGA-ROVERS
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January 9, 2013

Reference No. 038443-12

- 3 -

SUMMARIES OF ALL ANTICIPATED PROBLEMS AND PLANNED RESOLUTIONS

- The Respondents will continue to work with USEPA as required to obtain Access Agreements with property owners

PROJECTED WORK FOR THE NEXT REPORTING PERIOD

- The Respondents and USEPA will continue to work together to complete the OU1 investigation and address vapor intrusion issues at and in the vicinity of the Site
- The Respondents and USEPA On-Scene Coordinator will continue to work together to discuss VI mitigation measures and draft a mitigation work plan
- The Respondents will attempt to complete the proposed environmental investigation of the DP&L property, pending receipt of access to complete the work
- The combustible gas indicator (i.e., methane) monitors for Valley Asphalt Parcel 5054 Building 2 at 1903 Dryden Road, and SIM Trainer Parcel 5173 Building 1, at 2031 Dryden Road have been purchased, received, and will be installed once access to the buildings is available

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

Yours truly,

CONESTOGA-ROVERS & ASSOCIATES

Stephen M. Quigley, P. Eng., P.E.

VC/cb/7

Encl.

cc: (all by pdf) Paul Jack, Castle Bay
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TABLE 1
VAPOR INTRUSION FIELD MONITORING VALUES
PARCEL 5054 BUILDING 2
1903 DRYDEN ROAD
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
Office ambient air, without filter	1/10/2012	--	0.2	21.4	0.1	0.0	NM		
Sub-slab probe B (office) without filter		--	1.2	21.2	0.1	0.0	NM		
Warehouse ambient air, without filter		--	0.5	22.8	0.1	0.0	NM		
Sub-slab probe A (warehouse) without filter		--	50.1	4.6	3.9	7.6	NM		
Warehouse ambient air, without filter	1/19/2012	10:40	0.1	24.1	0.0	0.0	ND(1) ^[1]		
Sub-slab probe A (warehouse) without filter		10:58	72.4	5.7	3.1	5.2	>100		
Sub-slab probe B (office) without filter		11:22	6.2	23.2	0.1	0.0	ND(1) ^[1]		
Warehouse ambient air, without filter	1/24/2012	11:05	0.0	21.9	0.1	0.0	0		
Sub-slab probe A (warehouse) without filter		11:14	52.7	5.7	3.1	5.1	>100		
Office ambient air, without filter		10:50	0.0	23.1	0.1	0.0	0		
Sub-slab probe B (office), without filter		10:57	2.5	21.7	0.1	0.0	0		
Office ambient air, without filter	1/31/2012	10:19	0.0	21.5	0.0	0.0	0		
Sub-slab probe B (office) without filter		11:12	5.8	21.4	0.1	0.0	0		
Warehouse ambient air, without filter		10:30	0.0	21.6	0.0	0.0	0		
Sub-slab probe A (warehouse) without filter		11:17	72.4	1.9	3.8	6.9	>100		
Office ambient air, without filter	2/7/2012	10:14	0.0	21.6	0.0	0.0	0		
Sub-slab probe B (office) without filter		10:54	5.9	21.4	0.1	0.0	0		
Warehouse ambient air, without filter		10:24	0.0	21.8	0.1	0.0	0		
Sub-slab probe A (warehouse) without filter		10:58	67.2	6.3	3.0	6.5	>100		
Office ambient air, without filter	2/15/2012	11:00	0.1	22.0	0.1	0.0	0		
Sub-slab probe B (office) with filter		13:44	7.9	21.1	0.1	0.0	0		
Sub-slab probe B (office) without filter		13:44	7.9	21.1	0.1	0.0	0		
Warehouse ambient air, without filter		11:02	0.0	22.0	0.0	0.0	0		
Sub-slab probe A (warehouse) with filter		13:52	52.2	9.8	0.6	3.7	73		
Sub-slab probe A (warehouse) without filter		13:49	52.2	4.8	3.2	6.5	R ^[3]		
Office ambient air, without filter	2/23/2012	14:00	0.0	20.5	0.0	0.0	0		
Sub-slab probe B (office) with filter		14:42	2.3	20.6	0.1	0.0	0		
Sub-slab probe B (office) without filter		14:42	2.3	20.5	0.1	0.0	0		
Warehouse ambient air, without filter		14:10	0.0	21.1	0.0	0.0	0		
Sub-slab probe A (warehouse) with filter		14:48	19.5	5.5	0.6	5.2	>100		
Sub-slab probe A (warehouse) without filter		14:48	19.5	1.6	4.2	8.2	>100		
Office ambient air, without filter	3/1/2012	12:18	0.0	21.3	0.0	0.0	0		
Sub-slab probe B (office) with filter		12:43	5.2	22.2	0.0	0.0	0		
Sub-slab probe B (office) without filter		12:44	5.2	22.0	0.1	0.0	0		
Warehouse ambient air, without filter		12:21	0.0	21.4	0.0	0.0	0		
Sub-slab probe A (warehouse) with filter		12:55	71.9	6.0	1.2	5.4	>100		
Sub-slab probe A (warehouse) without filter		12:58	71.9	15.9	1.7	5.6	90 ^[4]		
Office ambient air, without filter	3/8/2012	7:29	0.0	21.6	0.0	0.0	0		
Sub-slab probe B (office) with filter		9:20	1.4	20.9	0.3	0.0	0		
Warehouse ambient air, without filter		7:35	0.0	21.7	0.0	0.0	0		
Sub-slab probe A (warehouse) with filter		9:45	20.2	1.3	2.4	4.8	96		

TABLE 1
VAPOR INTRUSION FIELD MONITORING VALUES
PARCEL 5054 BUILDING 2
1903 DRYDEN ROAD
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
Office ambient air, without filter	3/13/2012	7:29	0.0	21.6	0.0	0.0	0		
Sub-slab probe B (office) with filter		7:31	1.0	21.7	0.1	0.0	0		
Sub-slab probe B (office) without filter		7:31	1.0	21.7	0.1	0.0	0		
Warehouse ambient air, without filter		7:35	0.0	21.7	0.0	0.0	0		
Sub-slab probe A (warehouse) with filter		7:51	50.0	1.8	3.1	6.6	>100		
Sub-slab probe A (warehouse) without filter		7:51	50.0	1.8	5.1	8.8	>100		
Office ambient air, without filter	3/22/2012	12:15	0.0	19.9	0.0	0.0	0		
Sub-slab probe B (office) with filter		12:42	1.1	19.4	0.1	0.0	0		
Sub-slab probe B (office) without filter		12:40	1.1	19.7	0.1	0.0	0		
Warehouse ambient air, without filter		12:20	0.0	19.9	0.0	0.0	0		
Sub-slab probe A (warehouse) with filter		12:38	43.8	1.3	4.5	8.2	>100		
Sub-slab probe A (warehouse) without filter		12:50	43.8	1.2	5.7	10.4	>100		
Office ambient air, without filter	3/27/2012	10:40	0.0	21.9	0.0	0.0	0		
Sub-slab probe B (office) with filter		10:52	2.2	21.5	0.0	0.0	0		
Sub-slab probe B (office) without filter		10:54	2.2	21.3	0.1	0.0	0		
Warehouse ambient air, without filter		10:43	0.0	21.9	0.0	0.0	0		
Sub-slab probe A (warehouse) with filter		10:59	29.7	2.7	4.2	9.9	>100		
Sub-slab probe A (warehouse) without filter		11:01	29.7	1.7	6.2	12.0	>100		
Office ambient air, without filter	4/3/2012	12:50	0.0	20.8	0.0	0.0	0		
Sub-slab probe B (office) with filter		13:06	4.4	20.8	0.0	0.0	0		
Sub-slab probe B (office) without filter		13:08	4.4	20.7	0.1	0.0	0		
Warehouse ambient air, without filter		12:59	0.0	21.5	0.0	0.0	0		
Sub-slab probe A (warehouse) with filter		13:15	45.1	1.2	2.9	11.1	>100		
Sub-slab probe A (warehouse) without filter		13:16	45.1	1.0	5.7	13.3	>100		
Office ambient air, without filter	4/10/2012	11:30	0.0	21.5	0.0	0.0	0		
Sub-slab probe B (office) with filter		11:47	3.9	20.9	0.0	0.0	0		
Sub-slab probe B (office) without filter		11:48	3.9	20.6	0.1	0.0	0		
Warehouse ambient air, without filter		11:40	0.0	21.7	0.0	0.0	0		
Sub-slab probe A (warehouse) with filter		11:58	74.8	1.2	3.5	12.7	>100		
Sub-slab probe A (warehouse) without filter		12:01	74.8	1.5	5.4	15.1	>100		
Office ambient air, without filter	4/17/2012	10:55	0.0	20.9	0.0	0.0	0		
Sub-slab probe B (office) with filter		11:09	3.0	20.7	0.4	0.0	0		
Sub-slab probe B (office) without filter		11:10	3.0	20.7	0.1	0.0	0		
Warehouse ambient air, without filter		11:15	0.0	21.7	0.0	0.0	0		
Sub-slab probe A (warehouse) with filter		11:35	34.6	1.0	4.2	11.9	>100		
Sub-slab probe A (warehouse) without filter		11:42	34.6	0.6	5.5	14.3	>100		
Office ambient air, without filter	4/26/2012	12:20	0.0	21.7	0.0	0.0	0		
Sub-slab probe B (office) with filter		12:36	4.1	20.0	1.6	0.3 ^[4]	10 ^[4]		
Sub-slab probe B (office) without filter		12:38	4.1	20.5	0.1	0.0	ND(1) ^[1]		
Warehouse ambient air, without filter		11:55	0.0	21.1	0.0	0.0	0		
Sub-slab probe A (warehouse) with filter		12:14	20.5	0.7	3.7	13.2	>100		
Sub-slab probe A (warehouse) without filter		12:17	20.5	15.9	1.5	3.2 ^[4]	94 ^[4]		

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PARCEL 5054 BUILDING 2
1903 DRYDEN ROAD
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
Office ambient air, without filter	5/3/2012	9:52	0.0	20.3	0.0	0.0	0		
Sub-slab probe B (office) with filter		11:08	1.6	20.4	0.2	0.0	0		
Sub-slab probe B (office) without filter		11:10	1.6	20.2	0.1	0.0	0		
Warehouse ambient air, without filter		11:14	0.0	21.2	0.0	0.0	0		
Sub-slab probe A (warehouse) with filter		11:24	24.4	19.1	0.2	1.3	28		
Sub-slab probe A (warehouse) without filter		11:25	24.4	17.1	1.1	2.2	57		
Office ambient air, without filter	5/10/2012	14:27	0.0	21.0	0.0	0.0	0		
Sub-slab probe B (office) with filter		14:36	1.5	21.0	0.4	0.0	0		
Sub-slab probe B (office) without filter		14:38	1.5	20.6	0.2	0.0	0		
Warehouse ambient air, without filter		14:34	0.0	21.2	0.0	0.0	0		
Sub-slab probe A (warehouse) with filter		14:48	34.9	1.7	2.9	14	>100		
Sub-slab probe A (warehouse) without filter		14:48	34.9	0.7	5.8	16.7	>100		
Office ambient air, without filter	5/15/2012		0.0	20.3	0.0	0.0	0		
Sub-slab probe B (office) with filter		10:15	1.8	18.5	0.4	0.0	0		
Sub-slab probe B (office) without filter		10:15	1.8	18.9	0.0	0.0	0		
Warehouse ambient air, without filter		9:51	0.0	20.2	0.0	0.0	0		
Sub-slab probe A (warehouse) with filter		9:59	22.2	1.3	0.8	13.8	>100		
Sub-slab probe A (warehouse) without filter		9:59	22.2	2.0	5.0	14.5	>100		
Office ambient air, without filter	5/24/2012		0.0	20.3	0.0	0.0	0		
Sub-slab probe B (office) with filter		14:35	2.2	20.3	0.2	0.2	4		
Sub-slab probe B (office) without filter		14:41	2.2	20.3	0.3	0.3	4		
Warehouse ambient air, without filter		14:00	0.0	20.2	0.0	0.0	0		
Sub-slab probe A (warehouse) with filter		14:15	19.7	1.2	4.3	14.8	>100		
Sub-slab probe A (warehouse) without filter		14:22	19.7	0.6	3.6	18.6	>100		
Office ambient air, without filter	5/31/2012	9:40	0.0	20.1	0.0	0.0	0		
Sub-slab probe B (office) with filter		9:53	2.8	20.0	0.0	0.0	0		
Sub-slab probe B (office) without filter		10:06	2.8	19.9	0.3	0.0	0		
Warehouse ambient air, without filter		10:13	0.0	20.9	0.0	0.0	0		
Sub-slab probe A (warehouse) with filter		10:26	46.4	1.1	5.1	15.3	>100		
Sub-slab probe A (warehouse) without filter		10:50	46.4	1.5	6.5	17.9	>100		
Office ambient air, without filter	6/7/2012	9:22	0.0	20.3	0.0	0.0	0		
Sub-slab probe B (office) with filter		9:30	4.6	20.1	0.1	0.0	0		
Sub-slab probe B (office) without filter		9:41	4.6	20.4	0.2	0.0	0		
Warehouse ambient air, without filter		9:49	0.0	21.0	0.0	0.0	0		
Sub-slab probe A (warehouse) with filter		9:57	82.3	0.4	5.7	16.3	>100		
Sub-slab probe A (warehouse) without filter		10:04	82.3	1.2	6.3	19.8	>100		
Office ambient air, without filter	6/14/2012	9:55	0.0	20.2	0.0	0.0	0		
Sub-slab probe B (office) with filter		10:04	11.5	19.9	0.3	0.0	0		
Sub-slab probe B (office) without filter		10:12	11.5	20.0	0.0	0.0	0		
Warehouse ambient air, without filter		10:19	0.0	21.1	0.0	0.0	0		
Sub-slab probe A (warehouse) with filter		10:32	35.3	8.2	3.5	11.6	>100		
Sub-slab probe A (warehouse) without filter		10:40	35.3	0.9	6.4	20.3	>100		

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PARCEL 5054 BUILDING 2
1903 DRYDEN ROAD
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
Office ambient air, without filter	6/19/2012	9:48	0.0	19.7	0.0	0.0	0		
Sub-slab probe B (office) with filter		10:05	3.7	19.3	0.0	0.0	0		
Sub-slab probe B (office) without filter		10:07	3.7	19.1	0.4	0.0	0		
Warehouse ambient air, without filter		9:37	0.0	20.1	0.0	0.0	0		
Sub-slab probe A (warehouse) with filter		10:08	38.1	1.4	5.7	16.1	>100		
Sub-slab probe A (warehouse) without filter		10:09	38.1	1.0	6.5	22.3	>100		
Office ambient air, without filter	6/28/2012	9:13	0.0	20.3	0.1	0.0	0		
Sub-slab probe B (office) with filter		9:29	0.8	19.5	0.1	0.0	0		
Sub-slab probe B (office) without filter		9:29	0.8	19.3	0.4	0.0	0		
Warehouse ambient air, without filter		9:35	0.0	20.4	0.1	0.0	0		
Sub-slab probe A (warehouse) with filter		9:49	59.1	17.8	0.4	3	66		
Sub-slab probe A (warehouse) without filter		9:49	59.1	12.4	2.9	9	>100		
Office ambient air, without filter	7/3/2012	10:35	0.0	19.8	0.0	0.0	0		
Sub-slab probe B (office) with filter		10:53	2.7	18.2	0.5	0.0	0		
Sub-slab probe B (office) without filter		10:55	2.7	18.1	0.1	0.0	0		
Warehouse ambient air, without filter		10:44	0.0	20.2	0.0	0.0	0		
Sub-slab probe A (warehouse) with filter		11:00	54.1	1.2	6.6	20.7	>100		
Sub-slab probe A (warehouse) without filter		11:02	54.1	1.1	4.1	17	>100		
Office ambient air, without filter	7/11/2012	14:02	0.0	20.3	0.0	0.0	0		
Sub-slab probe B (office) with filter		14:10	10.2	18.0	0.6	0.0	0		
Sub-slab probe B (office) without filter		14:10	10.2	18.1	0.5	0.0	0		
Warehouse ambient air, without filter		14:25	0.0	20.2	0.0	0.0	0		
Sub-slab probe A (warehouse) with filter		14:33	60.3	1.4	7.1	19.4	>100		
Sub-slab probe A (warehouse) without filter		14:33	60.3	1.3	4.0	15.2	>100		
Office ambient air, without filter	7/19/2012	14:20	0.0	20.7	0.0	0.1 ^[4]	1 ^[4]		
Sub-slab probe B (office) with filter		14:27	25.5	18.9	2.7	0.8 ^[4]	7 ^[4]		
Sub-slab probe B (office) without filter		14:27	25.5	19.0	0.8	0.0	1		
Warehouse ambient air, without filter		14:05	0.0	20.6	0.0	0.0	0		
Sub-slab probe A (warehouse) with filter		14:13	24.2	1.3	7.4	17.3	>100		
Sub-slab probe A (warehouse) without filter		14:13	24.2	1.3	7.1	22.7	>100		
Office ambient air, without filter	7/26/2012	9:08	0.0	20.1	0.0	0.0	0		
Sub-slab probe B (office) with filter		9:20	0.3	18.9	0.1	0.0	0		
Sub-slab probe B (office) without filter		9:20	0.3	18.5	0.8	0.0	0		
Warehouse ambient air, without filter		9:25	0.0	20.2	0.1	0.0	0		
Sub-slab probe A (warehouse) with filter		9:33	1.1	3.3	4.9	15.1	>100		
Sub-slab probe A (warehouse) without filter		9:33	1.1	0.6	7.1	24.7	>100		
Office ambient air, with filter	8/2/2012	8:52	0.6	20.8	0.0	0.0	0	90s	none
Office ambient air, without filter		8:52	0.6	20.8	0.0	0.0	0		
Sub-slab probe B (office) with filter		8:59	63.2	19.8	0.0	0.0	0		
Sub-slab probe B (office) without filter		8:59	63.2	19.4	0.7	0.0	0		
Warehouse ambient air, with filter		9:05	0.0	20.7	0.0	0.0	0		
Warehouse ambient air, without filter		9:05	0.0	20.7	0.0	0.0	0		
Sub-slab probe A (warehouse) with filter		9:14	115.9	6.6	0.8	13.2	>100		
Sub-slab probe A (warehouse) without filter		9:14	115.9	6.2	5.2	15.7	>100		
Office ambient air, with filter	8/7/2012	10:29	--	--	--	--	0	Low 90s	none
Office ambient air, without filter		10:29	0.0	19.8	0.0	0.0	0		
Sub-slab probe B (office) with filter		10:32	--	--	--	--	0		
Sub-slab probe B (office) without filter		10:32	7.4	18.6	0.9	0.0	0		
Warehouse ambient air, with filter		10:40	--	--	--	--	0		
Warehouse ambient air, without filter		10:40	0.0	20.3	0.0	0.0	0		
Sub-slab probe A (warehouse) with filter		10:45	--	--	--	--	>100		
Sub-slab probe A (warehouse) without filter		10:45	53.7	5.2	5.2	24.6	>100		

TABLE 1
VAPOR INTRUSION FIELD MONITORING VALUES
PARCEL 5054 BUILDING 2
1903 DRYDEN ROAD
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
Office ambient air, with filter	8/16/2012	12:53	0.0	20.5	0.0	0.0	0	80 - low 90s	none
Office ambient air, without filter		12:53	0.0	20.4	0.0	0.0	0		
Sub-slab probe B (office) with filter		13:02	7.7	19.3	0.4	0.0	0		
Sub-slab probe B (office) without filter		13:02	7.7	19.2	0.7	0.0	0		
Warehouse ambient air, with filter		12:57	0.0	20.7	0.1	0.0	0		
Warehouse ambient air, without filter		12:57	0.0	20.8	0.0	0.0	0		
Sub-slab probe A (warehouse) with filter		13:15	42.5	0.3	5.9	18.7	>100		
Sub-slab probe A (warehouse) without filter		13:15	42.5	1.6	5.9	22.6	>100		
Office ambient air, with filter	8/21/2012	15:00	0.0	20.6	0.1	0.0	0	80s	none
Office ambient air, without filter		15:00	0.0	20.3	0.0	0.0	0		
Sub-slab probe B (office) with filter		15:16	4.3	19.5	0.0	0.0	0		
Sub-slab probe B (office) without filter		15:16	4.3	20.3	0.2	0.0	0		
Warehouse ambient air, with filter		15:20	0.0	20.8	0.0	0.0	0		
Warehouse ambient air, without filter		15:20	0.0	20.9	0.0	0.0	0		
Sub-slab probe A (warehouse) with filter		15:40	46.7	15.4	0.6	18.9	>100		
Sub-slab probe A (warehouse) without filter		15:40	46.7	14.7	1.7	23.9	>100		
Office ambient air, without filter	8/30/2012		0.0	20.8	0.0	0.0	0	80s	none
Sub-slab probe B (office) with filter		15:19	0.0	19.3	1.3	0.2 ^[4]	3 ^[4]		
Sub-slab probe B (office) without filter		15:19	0.0	19.3	1.0	0.0	0		
Warehouse ambient air, without filter		14:50	0.0	21.0	0.0	0.0	0		
Sub-slab probe A (warehouse) with filter		15:00	62.7	0.7	6.4	16.8	>100		
Sub-slab probe A (warehouse) without filter		15:00	62.7	0.4	6.0	25.1	>100		
Office ambient air, with filter	9/6/2012		0.0	19.8	0.0	0.0	0	80s	rain daily during week of September 2 to 6
Office ambient air, without filter			0.0	19.9	0.0	0.0	0		
Sub-slab probe B (office) with filter		14:24	6.2	18.4	0.8	0.0	0		
Sub-slab probe B (office) without filter		14:24	6.2	18.8	0.8	0.0	0		
Warehouse ambient air, with filter			0.0	20.0	0.0	0.0	0		
Warehouse ambient air, without filter			0.0	20.1	0.0	0.0	0		
Sub-slab probe A (warehouse) with filter		14:47	108.4	0.9	3.7	17.7	>100		
Sub-slab probe A (warehouse) without filter		14:47	108.4	0.4	5.8	24.6	>100		
Office ambient air, with filter	9/13/2012		0.0	20.6	0.0	0.0	0	high 70s - low 80s	none
Office ambient air, without filter			0.0	20.6	0.0	0.0	0		
Sub-slab probe B (office) with filter		11:47	2.3	19.5	0.2	0.0	0		
Sub-slab probe B (office) without filter		11:47	2.3	19.2	0.9	0.0	0		
Warehouse ambient air, with filter			0.0	20.8	0.0	0.0	0		
Warehouse ambient air, without filter			0.0	20.8	0.0	0.0	0		
Sub-slab probe A (warehouse) with filter		11:55	35.2	0.6	4.6	19.0	>100		
Sub-slab probe A (warehouse) without filter		11:55	35.2	0.7	5.6	22.9	>100		
Office ambient air, with filter	9/20/2012	12:51	0.0	20.8	0.0	0.0	0	high 70s - low 80s	none
Office ambient air, without filter		12:51	0.0	20.8	0.0	0.0	0		
Sub-slab probe B (office) with filter		12:57	1.1	19.9	0.8	0.0	0		
Sub-slab probe B (office) without filter		12:57	1.1	19.7	0.9	0.0	0		
Warehouse ambient air, with filter		13:05	0.0	21.2	0.2	0.0	0		
Warehouse ambient air, without filter		13:05	0.0	21.4	0.0	0.0	0		
Sub-slab probe A (warehouse) with filter		13:13	48.4	1.1	4.8	16.2	>100		
Sub-slab probe A (warehouse) without filter		13:13	48.4	1.0	5.1	21.9	>100		

TABLE 1
VAPOR INTRUSION FIELD MONITORING VALUES
PARCEL 5054 BUILDING 2
1903 DRYDEN ROAD
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAIN, OHIO

Sample Location:	Date:	Time	PID (ppm)	O ₂ (%)	CO ₂ (%)	CH ₄ ^[2] (%)	LEL (%)	Ambient Temperature (°F)	Summary of Recent Precipitation
Office ambient air, with filter	9/27/2012	14:40	0.4	20.8	0.1	0.0	0	60s - 70s	none
Office ambient air, without filter		14:40	0.4	20.8	0.1	0.0	0		
Sub-slab probe B (office) with filter		14:54	3.1	19.4	0.2	0.0	0		
Sub-slab probe B (office) without filter		14:54	3.1	20.0	0.4	0.0	0		
Warehouse ambient air, with filter		14:57	0.6	20.7	0.0	0.0	0		
Warehouse ambient air, without filter		14:57	0.6	20.7	0.0	0.0	0		
Sub-slab probe A (warehouse) with filter		15:05	81.1	1.3	3.3	15.4	>100		
Sub-slab probe A (warehouse) without filter		15:05	81.1	15.0	1.3	16.2	>100		
Office ambient air, with filter	10/2/2012	13:35	0.0	21.0	0.0	0.0	0	mid 60s	light rain
Office ambient air, without filter		13:35	0.0	21.0	0.0	0.0	0		
Sub-slab probe B (office) with filter		13:45	1.5	20.2	1.1	0.0	0		
Sub-slab probe B (office) without filter		13:45	1.5	20.1	0.8	0.0	0		
Warehouse ambient air, with filter			0.0	21.0	0.0	0.0	0		
Warehouse ambient air, without filter			0.0	21.0	0.0	0.0	0		
Sub-slab probe A (warehouse) with filter		14:00	91.4	0.5	5.6	15.5	>100		
Sub-slab probe A (warehouse) without filter		14:00	91.4	0.2	4.9	21.3	>100		
Office ambient air, with filter	10/18/2012	14:05	0.0	21.3	0.0	0.0	0	mid 70s	none
Office ambient air, without filter		14:05	0.0	21.3	0.0	0.0	0		
Sub-slab probe B (office) with filter		14:46	3.1	21.0	0.3	0.0	0		
Sub-slab probe B (office) without filter		14:46	3.1	21.1	0.6	0.0	0		
Warehouse ambient air, with filter		14:11	0.0	21.4	0.0	0.0	0		
Warehouse ambient air, without filter		14:11	0.0	21.4	0.0	0.0	0		
Sub-slab probe A (warehouse) with filter		14:51	59.6	0.7	3.6	15.0	>100		
Sub-slab probe A (warehouse) without filter		14:51	59.6	1.6	4.2	18.0	>100		
Office ambient air, with filter	10/25/2012	13:54	0.0	20.0	0.1	0.0	0	70s	none
Office ambient air, without filter		13:54	0.0	19.8	0.0	0.0	0		
Sub-slab probe B (office) with filter		14:15	0.6	19.7	0.1	0.0	0		
Sub-slab probe B (office) without filter		14:15	0.6	19.7	0.5	0.0	0		
Warehouse ambient air, with filter		14:00	0.0	20.9	0.0	0.0	0		
Warehouse ambient air, without filter		14:00	0.0	20.9	0.0	0.0	0		
Sub-slab probe A (warehouse) with filter		14:29	48.8	0.2	4.0	14.3	>100		
Sub-slab probe A (warehouse) without filter		14:29	48.8	0.2	4.2	17.9	>100		
Office ambient air, with filter	10/30/2012	14:15	0.0	22.0	0.1	0.0	0	30s - 40s	snow & rain
Office ambient air, without filter		14:15	0.0	22.0	0.0	0.0	0		
Sub-slab probe B (office) with filter		14:51	0.3	20.4	0.1	0.0	0		
Sub-slab probe B (office) without filter		14:51	0.3	20.4	0.6	0.0	0		
Warehouse ambient air, with filter		14:24	0.0	22.1	0.1	0.0	0		
Warehouse ambient air, without filter		14:24	0.0	27.2	0.0	0.0	0		
Sub-slab probe A (warehouse) with filter		15:15	15.5	0.6	2.4	14.5	>100		
Sub-slab probe A (warehouse) without filter		15:15	15.5	0.4	4.0	17.7	>100		

TABLE 1
VAPOR INTRUSION FIELD MONITORING VALUES
PARCEL 5054 BUILDING 2
1903 DRYDEN ROAD
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
Office ambient air, with filter	11/8/2012	14:57	0.9	21.5	0.0	0.0	0	30s - 40s	none
Office ambient air, without filter		14:57	0.9	21.5	0.0	0.0	0		
Sub-slab probe B (office) with filter		15:32	2.0	20.1	0.7	0.0	0		
Sub-slab probe B (office) without filter		15:32	2.0	20.1	0.4	0.0	0		
Warehouse ambient air, with filter		14:44	1.0	20.9	0.1	0.0	0		
Warehouse ambient air, without filter		14:44	1.0	20.9	0.0	0.0	0		
Sub-slab probe A (warehouse) with filter		15:44	83.6	0.3	2.9	14.0	>100		
Sub-slab probe A (warehouse) without filter		15:44	83.6	0.5	3.6	16.0	>100		
Office ambient air, with filter	11/15/2012	14:24	0.0	22.3	0.1	0.0	0	30s - 40s	none
Office ambient air, without filter		14:24	0.0	22.4	0.1	0.0	0		
Sub-slab probe B (office) with filter		15:26	0.0	20.7	1.2	0.0	0		
Sub-slab probe B (office) without filter		15:26	0.0	21.1	0.4	0.0	0		
Warehouse ambient air, with filter		14:31	0.0	22.5	0.1	0.0	0		
Warehouse ambient air, without filter		14:31	0.0	22.5	0.1	0.0	0		
Sub-slab probe A (warehouse) with filter		15:53	21.9	0.3	3.0	13.2	>100		
Sub-slab probe A (warehouse) without filter		15:53	21.9	0.2	3.5	16.4	>100		
Office ambient air, with filter	11/20/2012	13:53	0.0	20.8	0.0	0.0	0	50s	Trace
Office ambient air, without filter		13:53	0.0	20.8	0.0	0.0	0		
Sub-slab probe B (office) with filter		14:48	0.0	20.3	1.2	0.0	0		
Sub-slab probe B (office) without filter		14:48	0.0	20.5	0.3	0.0	0		
Warehouse ambient air, with filter		13:50	0.0	20.8	0.0	0.0	0		
Warehouse ambient air, without filter		13:50	0.0	20.8	0.0	0.0	0		
Sub-slab probe A (warehouse) with filter		15:00	79.6	0.1	3.4	14.0	>100		
Sub-slab probe A (warehouse) without filter		15:00	79.6	0.1	3.5	17.5	>100		
Office ambient air, with filter	11/29/2012	13:16	0.5	21.2	0.1	0.0	0	40s - 50s	None
Office ambient air, without filter		13:16	0.5	21.2	0.1	0.0	0		
Sub-slab probe B (office) with filter		14:13	0.9	20.3	0.6	0.0	0		
Sub-slab probe B (office) without filter		14:13	0.9	20.3	0.4	0.0	0		
Warehouse ambient air, with filter		13:31	0.5	21.8	0.0	0.0	0		
Warehouse ambient air, without filter		13:31	0.5	21.8	0.0	0.0	0		
Sub-slab probe A (warehouse) with filter		14:29	32.5	0.4	3.2	13.1	>100		
Sub-slab probe A (warehouse) without filter		14:29	32.5	0.3	3.2	16.1	>100		
Office ambient air, with filter	12/4/2012	14:35	0.0	21.2	0.0	0.0	0	50s	rainy (~0.3 inches)
Office ambient air, without filter		14:35	0.0	21.0	0.0	0.0	0		
Sub-slab probe B (office) with filter		15:26	0.0	20.2	0.0	0.0	0		
Sub-slab probe B (office) without filter		15:26	0.0	20.1	0.3	0.0	0		
Warehouse ambient air, with filter		14:45	0.0	21.5	0.0	0.0	0		
Warehouse ambient air, without filter		14:45	0.0	21.5	0.0	0.0	0		
Sub-slab probe A (warehouse) with filter		15:47	33.1	0.9	3.5	12.4	>100		
Sub-slab probe A (warehouse) without filter		15:47	33.1	0.8	3.5	14.8	>100		
Office ambient air, with filter	12/13/2012	14:41	0.0	21.2	0.0	0.1 U	2 U	40s	None
Office ambient air, without filter		14:41	0.0	21.2	0.0	0.0	0		
Sub-slab probe B (office) with filter		15:27	1.1	20.6	0.3	0.0	0		
Sub-slab probe B (office) without filter		15:27	1.1	20.5	0.3	0.0	0		
Warehouse ambient air, with filter		14:38	0.0	21.1	0.0	0.0	0		
Warehouse ambient air, without filter		14:38	0.0	21.1	0.1	0.1 U	2 U		
Sub-slab probe A (warehouse) with filter		15:42	35.9	0.8	2.4	13.0	>100		
Sub-slab probe A (warehouse) without filter		15:42	35.9	0.5	3.2	15.2	>100		

TABLE 1
VAPOR INTRUSION FIELD MONITORING VALUES
PARCEL 5054 BUILDING 2
1903 DRYDEN ROAD
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
Office ambient air, with filter	12/18/2012	12:49	0.0	21.9	0.0	0.0	1 U	40s	None
Office ambient air, without filter		12:59	0.0	21.9	0.0	0.0	0		
Sub-slab probe B (office) with filter		14:46	0.2	20.3	2.6	0.0	0		
Sub-slab probe B (office) without filter		14:46	0.2	20.2	3.3	0.0	0		
Warehouse ambient air, with filter		12:54	0.0	21.8	0.0	0.1 U	2 U		
Warehouse ambient air, without filter		12:54	0.0	21.7	0.1	0.0	0		
Sub-slab probe A (warehouse) with filter		15:02	30.4	0.3	2.9	13.2	>100		
Sub-slab probe A (warehouse) without filter		15:02	30.4	0.6	3.5	15.4	>100		
1903 Dryden Road, Valley Asphalt, Parcel 5054 Building 2 (Quonset Hut)	12/27/2012	Property closed from December 21, 2012 to January 6, 2013							

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] - Value was rejected (R) due to suspected transcription error or meter malfunction.

^[4] - Anomalous Value. Suspected instrument carry-over or transcription error.

PID - Photoionization Detector

O₂ - Oxygen

CO₂ - Carbon Dioxide

CH₄ - Methane

LEL - Lower Explosive Limit

NM - Not measured

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

Value - Value is greater than screening levels for rapid response (USEPA, 2010).


 - Unfiltered value is lower than filtered value, indicating either a transcription error, or issue with sampling or data quality.

TABLE 2

**VAPOR INTRUSION SAMPLING VALUES
PARCEL 5173 BUILDING 1 - SIM TRAINER
2031 DRYDEN ROAD
SOUTH DAYTON DUMP AND LANDFILL SITE
MORaine, OHIO**

Sample Location: Parcel / Building / Probe	Date:	PID Time (ppm)	O ₂ (%)	CO ₂ (%)	CH ₄ (%)	LEL (%)	Ambient Temperature (°F)	Summary of Recent Precipitation
5173 / 1 / Storage area ambient air, without filter	1/19/2012	11:50	0.9	22.1	0.1	0	ND(1) ¹	
5173 / 1 / C / Storage area, without filter		12:01	391	7.5	2.7	0.9	19	
5173 / 1 / Storage area ambient air, without filter	1/24/2012	10:00	0	21.5	0	0	0	
5173 / 1 / C / Storage area, without filter		10:09	96.7	5.5	2.8	0.9	19	
5173 / 1 / Storage area ambient air, without filter	1/31/2012	10:50	1	21.6	0	0	0	
5173 / 1 / C / Storage area, without filter		11:14	182.7	5.5	3.1	1.1	25	
5173 / 1 / Storage area ambient air, without filter	2/7/2012	10:44	0.1	21.7	0.1	0	0	
5173 / 1 / C / Storage area, without filter		10:56	142.3	10.9	1.8	0.9	21	
5173 / 1 / Storage area ambient air, without filter	2/16/2012	10:40	0.1	20.5	0.1	0	0	
5173 / 1 / C / Storage area with filter		11:04	79.4	14.1	3.1	0.5	10	
5173 / 1 / C / Storage area without filter		11:04	79.4	18.1	0.3	0.2	3	
5173 / 1 / Storage area ambient air, without filter	3/1/2012	11:36	0.1	21.4	0	0	0	
5173 / 1 / C / Storage area with filter		12:46	196.5	13.8	0.2	0.3	7	
5173 / 1 / C / Storage area without filter		12:48	196.5	16.9	1.5	0.4	9	
5173 / 1 / Storage area ambient air	3/13/2012	9:32	0	20.1	0.8	0	0	
5173 / 1 / C / Storage area with filter		10:20	101.2	1	3.3	0.8	18	
5173 / 1 / C / Storage area without filter			101.2	0.4	4.7	1.4	27	
5173 / 1 / A ambient air without filter		9:57	0	21	0.1	0	0	
5173 / 1 / A with filter		10:15	0	16.9	3	0	0	
5173 / 1 / B ambient air without filter		9:30	0	21.4	0	0	0	
5173 / 1 / B with filter		9:48	0.2	9.1	7.9	0	0	
5173 / 1 / Storage area ambient air, without filter	3/22/2012	11:50	0	20.5	0	0	0	
5173 / 1 / C / Storage area with filter		12:44	105.8	3.2	1.2	0.7	11	
5173 / 1 / C / Storage area without filter		12:47	105.8	3	5.1	1.1	24	
5173 / 1 / Storage area ambient air, without filter	3/27/2012		0.1	21.5	0	0	0	
5173 / 1 / C / Storage area with filter			17.1	3.9	1.9	0.9	17	
5173 / 1 / C / Storage area without filter		10:56	17.1	5.9	5.4	1.2	26	
5173 / 1 / Storage area ambient air, without filter	4/3/2012	12:30	0	21	0	0	0	
5173 / 1 / C / Storage area with filter		13:09	136.8	1.9	0.4	0.8	19	
5173 / 1 / C / Storage area without filter		13:10	136.8	1.7	5.1	1.4	29	
5173 / 1 / Storage area ambient air, without filter	4/10/2012	11:05	0	21.6	0	0	0	
5173 / 1 / C / Storage area with filter		11:52	206.1	3	0.5	0.8	19	
5173 / 1 / C / Storage area without filter		11:53	206.1	3.1	1.2	0.9	27	
5173 / 1 / Storage area ambient air, without filter	4/17/2012	10:15	0	21.5	0	0	0	
5173 / 1 / C / Storage area with filter		10:32	129.8	2.3	2.2	0.9	19	
5173 / 1 / C / Storage area without filter		10:37	129.8	1.5	5.5	1.4	28	
5173 / 1 / Storage area ambient air, without filter	4/26/2012	11:13	0	21	0	0	0	
5173 / 1 / C / Storage area with filter		11:27	120.7	2.2	1.7	0.9	10	
5173 / 1 / C / Storage area without filter		11:31	120.7	14.9	1.6	0.5	12	
5173 / 1 / Storage area ambient air, without filter	5/3/2012	11:33	0	20.2	0.1	0	0	
5173 / 1 / C / Storage area with filter		11:45	122.1	15.2	0.8	0.3	5	
5173 / 1 / C / Storage area without filter		11:48	122.1	9.5	3.4	0.7	14	
5173 / 1 / Storage area ambient air, without filter	5/10/2012	13:58	0	20.6	0	0	0	
5173 / 1 / C / Storage area with filter		14:10	167.9	10.7	0.9	0.6	14	
5173 / 1 / C / Storage area without filter		14:11	167.9	7.8	3.8	0.9	18	
5173 / 1 / Storage area ambient air, without filter	5/15/2012		0	20.1	0	0	0	
5173 / 1 / C / Storage area with filter			80.4	10.7	0.2	0.5	10	
5173 / 1 / C / Storage area without filter			80.4	20.8	0.3	0.1	2	
5173 / 1 / Storage area ambient air, without filter	5/24/2012	13:15	0.0	20.8	0.0	0.0	0	
5173 / 1 / C / Storage area with filter		13:39	107.1	1.2	6.2	0.9	18	
5173 / 1 / C / Storage area without filter		13:47	107.1	2.2	6.4	1.3	26	
5173 / 1 / Storage area ambient air, without filter	5/31/2012	11:04	0.0	20.4	0.0	0.0	0	
5173 / 1 / C / Storage area with filter		11:14	116.6	8.7	1.5	0.3	7	
5173 / 1 / C / Storage area without filter		11:20	116.6	16.8	2.0	0.7	27	
5173 / 1 / Storage area ambient air, without filter	6/7/2012	10:24	0.0	20.9	0.0	0.0	0	
5173 / 1 / C / Storage area with filter		10:33	102.2	0.9	6.2	1.1	22	
5173 / 1 / C / Storage area without filter		10:44	102.2	1.8	7.0	1.4	28	
5173 / 1 / Storage area ambient air, without filter	6/14/2012	10:55	0.0	20.4	0.0	0.0	0	
5173 / 1 / C / Storage area with filter		11:07	72.0	5.5	3.5	0.7	20	
5173 / 1 / C / Storage area without filter		11:13	72.0	3.8	4.3	1.0	21	

TABLE 2

**VAPOR INTRUSION SAMPLING VALUES
PARCEL 5173 BUILDING 1 - SIM TRAINER
2031 DRYDEN ROAD
SOUTH DAYTON DUMP AND LANDFILL SITE
MORaine, OHIO**

Sample Location: Parcel / Building / Probe	Date:	Time	PID (ppm)	O ₂ (%)	CO ₂ (%)	CH ₄ (%)	LEL (%)	Ambient Temperature (°F)	Summary of Recent Precipitation	
5173 / 1 / Storage area ambient air, without filter	6/19/2012	10:33	0.0	20.2	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		10:55	78.0	1.8	2.3	1.3	26			
5173 / 1 / C / Storage area without filter		10:57	78.0	1.3	7.3	2.2	43			
5173 / 1 / Storage area ambient air, without filter	6/28/2012	10:01	0.0	20.4	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		10:11	65.7	5.8	3.2	0.7	21			
5173 / 1 / C / Storage area without filter		10:11	65.7	3.7	4.7	1.1	27			
5173 / 1 / Storage area ambient air, without filter	7/3/2012	10:15	0.0	19.7	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		10:56	68.0	1.9	7.6	1.7	36			
5173 / 1 / C / Storage area without filter		10:58	68.0	1.9	6.4	1.3	25			
5173 / 1	7/11/2012	Access unavailable								
5173 / 1 / Storage area ambient air, without filter	7/19/2012	13:15	0.1	20.4	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		13:40	65.9	1.7	6.5	1.8	38			
5173 / 1 / C / Storage area without filter		13:40	65.9	1.6	7.9	2.6	51			
5173 / 1 / Storage area ambient air, without filter	7/26/2012	9:45	0.0	20.2	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		9:54	0.0	2.4	6.2	1.9	43			
5173 / 1 / C / Storage area without filter		9:54	0.0	1.0	7.7	3.2	63			
5173 / 1 / Storage area ambient air, with filter	8/2/2012	9:40	0.0	20.6	0.0	0.0	0	90s	none	
5173 / 1 / Storage area ambient air, without filter		9:40	0.0	20.7	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		9:52	79.6	9.2	0.1	1.1	17			
5173 / 1 / C / Storage area without filter		9:52	79.6	6.9	5.3	1.8	38			
5173 / 1 / Storage area ambient air, with filter	8/7/2012	9:57	--	--	--	--	0	low 90s	none	
5173 / 1 / Storage area ambient air, without filter		9:57	0.3	20.7	0.1	0.0	0			
5173 / 1 / C / Storage area with filter		10:06	--	--	--	--	43			
5173 / 1 / C / Storage area without filter		10:06	116.5	3.7	6.7	2.9	57			
5173 / 1 / A / Office area ambient air with filter	8/16/2012	11:55	0.1	20.3	0.0	0.0	0	80 - low 90s	none	
5173 / 1 / A / Office area ambient air without filter		11:55	0.1	20.2	0.0	0.0	0			
5173 / 1 / A / Office area with filter		11:58	2.5	19.5	0.3	0.0	0			
5173 / 1 / A / Office area without filter		11:58	2.5	19.7	0.9	0.0	0			
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		11:52	0.3	20.6	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		11:52	0.3	20.6	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		12:26	100.7	0.5	6.1	2.2	47			
5173 / 1 / C / Storage area without filter		12:26	100.7	1.3	6.7	3.1	62			
5173 / 1 / A / Office area ambient air with filter	8/21/2012	14:05	0.0	21.1	0.0	0.0	0	80s	none	
5173 / 1 / A / Office area ambient air without filter		14:05	0.0	21.0	0.0	0.0	0			
5173 / 1 / A / Office area with filter		14:20	2.0	19.5	0.1	0.0	0			
5173 / 1 / A / Office area without filter		14:20	2.0	19.7	0.8	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		13:45	0.0	20.4	0.0	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		13:45	0.0	20.4	0.0	0.0	0			
5173 / 1 / B / Firing Range with filter		13:55	2.3	4.4	12.2	0.0	0			
5173 / 1 / B / Firing Range without filter		13:55	2.3	6.3	11.0	0.0	0			
5173 / 1 / Storage area ambient air, with filter		14:25	0.0	21.1	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		14:25	0.0	21.4	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		14:37	110.9	0.5	5.0	2.1	42			
5173 / 1 / C / Storage area without filter		14:37	110.9	4.8	5.1	2.3	46			
5173 / 1 / A / Office area ambient air without filter	8/30/2012		0.0	20.0	0.0	0.0	0	80s	none	
5173 / 1 / A / Office area with filter		13:44	0.5	19.5	0.9	0.0	0			
5173 / 1 / A / Office area without filter		13:44	0.5	19.4	1.0	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		13:57	0.0	20.7	0.0	0.0	0			
5173 / 1 / B / Firing Range with filter		14:07	1.2	5.5	11.0	0.0	0			
5173 / 1 / B / Firing Range without filter		14:07	1.2	5.3	11.6	0.0	0			
5173 / 1 / Storage area ambient air, without filter		13:03	0.0	20.5	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		13:21	39.1	1.4	3.8	1.9	39			
5173 / 1 / C / Storage area without filter		13:21	39.1	0.9	6.6	2.8	57			

TABLE 2

**VAPOR INTRUSION SAMPLING VALUES
PARCEL 5173 BUILDING 1 - SIM TRAINER
2031 DRYDEN ROAD
SOUTH DAYTON DUMP AND LANDFILL SITE
MORaine, OHIO**

Sample Location: Parcel / Building / Probe	Date:	Time	PID (ppm)	O ₂ (%)	CO ₂ (%)	CH ₄ (%)	LEL (%)	Ambient Temperature (°F)	Summary of Recent Precipitation	
5173 / 1 / A / Office area ambient air with filter	9/6/2012		0.0	20.6	0.0	0.0	0	80s	rain daily during week of September 2 to 6	
5173 / 1 / A / Office area ambient air without filter			0.0	20.8	0.0	0.0	0			
5173 / 1 / A / Office area with filter		14:07	3.8	19.4	0.1	0.0	0			
5173 / 1 / A / Office area without filter		14:07	3.8	19.2	0.9	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter			0.0	20.3	0.0	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter			0.0	20.4	0.0	0.0	0			
5173 / 1 / B / Firing Range with filter		14:00	3.8	62.0	9.9	0.0	0			
5173 / 1 / B / Firing Range without filter		14:00	3.8	63.0	11.4	0.0	0			
5173 / 1 / Storage area ambient air, with filter		13:20	0.0	20.3	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		13:20	0.0	20.2	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		13:41	140.4	0.9	5.0	1.9	38			
5173 / 1 / C / Storage area without filter		13:41	140.4	0.8	6.3	2.8	58			
5173 / 1 / A / Office area ambient air with filter	9/13/2012		0.0	20.9	0.0	0.0	0	high 70s - low 80s	none	
5173 / 1 / A / Office area ambient air without filter			0.0	20.7	0.0	0.0	0			
5173 / 1 / A / Office area with filter		12:08	0.5	19.6	0.2	0.0	0			
5173 / 1 / A / Office area without filter		12:08	0.5	19.2	1.0	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter			0.0	21.3	0.0	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter			0.0	21.1	0.0	0.0	0			
5173 / 1 / B / Firing Range with filter		12:23	1.9	5.8	9.7	0.0	0			
5173 / 1 / B / Firing Range without filter		12:23	1.9	5.5	11.8	0.0	0			
5173 / 1 / Storage area ambient air, with filter			0.0	21.2	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter			0.0	21.2	0.0	0.0	0			
5173 / 1 / C / Storage area with filter			60.2	0.8	5.1	2.3	45			
5173 / 1 / C / Storage area without filter			60.2	1.0	6.0	2.7	55			
5173 / 1 / A / Office area ambient air with filter	9/20/2012	11:55	0.0	20.3	0.1	0.0	0	low 70s	none	
5173 / 1 / A / Office area ambient air without filter		11:55	0.0	20.3	0.0	0.0	0			
5173 / 1 / A / Office area with filter		12:04	0.6	18.0	0.2	0.0	0			
5173 / 1 / A / Office area without filter		12:04	0.6	17.8	1.5	0.0	0			
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		12:15	0.0	20.9	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		12:15	0.0	20.9	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		12:23	88.5	1.9	4.5	2.0	41			
5173 / 1 / C / Storage area without filter		12:23	88.5	1.8	5.3	2.6	52			
5173 / 1 / SIM Trainer	9/27/2012	Inaccessible							60s - 70s	none
5173 / 1 / A / Office area ambient air with filter	10/2/2012	13:05	0.0	21.1	0.0	0.0	0	mid 60s	light rain	
5173 / 1 / A / Office area ambient air without filter		13:05	0.0	21.1	0.0	0.0	0			
5173 / 1 / A / Office area with filter		13:09	0.7	15.6	0.7	0.0	0			
5173 / 1 / A / Office area without filter		13:09	0.7	17.4	1.6	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		12:50	0.0	20.9	0.0	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		12:50	0.0	20.9	0.0	0.0	0			
5173 / 1 / B / Firing Range with filter		13:00	0.7	4.6	10.3	0.0	0			
5173 / 1 / B / Firing Range without filter		13:00	0.7	4.7	10.5	0.0	0			
5173 / 1 / Storage area ambient air, with filter		13:13	0.0	21.2	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		13:13	0.0	21.2	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		13:17	57.3	0.8	5.8	2.0	40			
5173 / 1 / C / Storage area without filter		13:17	57.3	0.9	5.0	2.8	56			
5173 / 1 / A / Office area ambient air with filter	10/18/2012	13:15	0.0	21.2	0.1	0.0	0	mid 70s	none	
5173 / 1 / A / Office area ambient air without filter		13:15	0.0	21.3	0.0	0.0	0			
5173 / 1 / A / Office area with filter		13:44	0.8	16.3	2.4	0.0	0			
5173 / 1 / A / Office area without filter		13:44	0.8	16.2	2.5	0.0	0			
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		13:17	0.0	21.3	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		13:17	0.0	21.3	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		13:50	104.2	1.8	3.8	1.5	30			
5173 / 1 / C / Storage area without filter		13:50	104.2	1.9	4.3	1.9	38			

TABLE 2

**VAPOR INTRUSION SAMPLING VALUES
PARCEL 5173 BUILDING 1 - SIM TRAINER
2031 DRYDEN ROAD
SOUTH DAYTON DUMP AND LANDFILL SITE
MORaine, OHIO**

Sample Location: Parcel / Building / Probe	Date:	PID Time	O ₂ (%)	CO ₂ (%)	CH ₄ (%)	LEL (%)	Ambient Temperature (°F)	Summary of Recent Precipitation
5173 / 1 / A / Office area ambient air with filter	10/25/2012	13:35	0.0	21.0	0.1	0.0	70s	none
5173 / 1 / A / Office area ambient air without filter		13:35	0.0	21.0	0.1	0.0		
5173 / 1 / A / Office area with filter		14:17	2.4	15.6	0.8	0.0		
5173 / 1 / A / Office area without filter		14:17	2.4	15.2	2.6	0.0		
5173 / 1 / B / Firing Range ambient air with filter		13:06	0.0	20.5	0.1	0.0		
5173 / 1 / B / Firing Range ambient air without filter		13:06	0.0	20.3	0.0	0.0		
5173 / 1 / B / Firing Range with filter		14:20	1.0	3.8	9.6	0.0		
5173 / 1 / B / Firing Range without filter		14:20	1.0	4.1	10.0	0.0		
5173 / 1 / Storage area ambient air, with filter		13:20	0.0	21.0	0.1	0.0		
5173 / 1 / Storage area ambient air, without filter		13:20	0.0	20.9	0.0	0.0		
5173 / 1 / C / Storage area with filter		14:24	72.9	1.3	3.7	1.5		
5173 / 1 / C / Storage area without filter		14:24	72.9	1.4	4.1	2.0		
5173 / 1 / A / Office area ambient air with filter	10/30/2012	13:35	0.0	21.9	0.1	0.0	30s - 40s	snow & rain
5173 / 1 / A / Office area ambient air without filter		13:35	0.0	21.9	0.1	0.0		
5173 / 1 / A / Office area with filter		14:55	1.6	14.2	1.8	0.0		
5173 / 1 / A / Office area without filter		14:55	1.6	14.3	3.2	0.0		
5173 / 1 / B / Firing Range ambient air with filter		13:48	0.0	21.3	0.1	0.0		
5173 / 1 / B / Firing Range ambient air without filter		13:48	0.0	21.4	0.0	0.0		
5173 / 1 / B / Firing Range with filter		15:02	1.6	4.0	9.5	0.0		
5173 / 1 / B / Firing Range without filter		15:02	1.6	4.1	10.5	0.0		
5173 / 1 / Storage area ambient air, with filter		13:20	0.0	22.2	0.1	0.0		
5173 / 1 / Storage area ambient air, without filter		13:20	0.0	22.1	0.1	0.0		
5173 / 1 / C / Storage area with filter		15:06	79.5	1.2	4.3	1.6		
5173 / 1 / C / Storage area without filter		15:06	79.5	1.4	4.1	2.1		
5173 / 1 / A / Office area ambient air with filter	11/8/2012	14:02	1.4	21.4	0.1	0.0	30s - 40s	none
5173 / 1 / A / Office area ambient air without filter		14:02	1.4	21.5	0.1	0.0		
5173 / 1 / A / Office area with filter		15:21	4.2	13.7	3.2	0.0		
5173 / 1 / A / Office area without filter		15:21	4.2	13.7	3.6	0.0		
5173 / 1 / B / Firing Range ambient air with filter		14:15	1.2	21.0	0.0	0.0		
5173 / 1 / B / Firing Range ambient air without filter		14:15	1.2	21.1	0.0	0.0		
5173 / 1 / B / Firing Range with filter		15:26	1.8	4.5	9.5	0.0		
5173 / 1 / B / Firing Range without filter		15:26	1.8	4.8	9.9	0.0		
5173 / 1 / Storage area ambient air, with filter		13:35	1.3	20.9	0.0	0.0		
5173 / 1 / Storage area ambient air, without filter		13:35	1.3	21.1	0.0	0.0		
5173 / 1 / C / Storage area with filter		15:36	165.5	1.2	3.2	1.4		
5173 / 1 / C / Storage area without filter		15:36	165.5	2.2	3.5	1.6		
5173 / 1 / A / Office area ambient air with filter	11/15/2012	13:37	0.0	21.7	0.2	0.0	30s - 40s	none
5173 / 1 / A / Office area ambient air without filter		13:37	0.0	21.8	0.1	0.0		
5173 / 1 / A / Office area with filter		15:32	0.0	14.3	3.3	0.0		
5173 / 1 / A / Office area without filter		15:32	0.0	14.6	3.6	0.0		
5173 / 1 / B / Firing Range ambient air with filter		13:58	0.0	21.7	0.1	0.0		
5173 / 1 / B / Firing Range ambient air without filter		13:58	0.0	21.9	0.0	0.0		
5173 / 1 / B / Firing Range with filter		15:43	0.0	4.3	9.5	0.0		
5173 / 1 / B / Firing Range without filter		15:43	0.0	4.5	9.8	0.0		
5173 / 1 / Storage area ambient air, with filter		13:15	0.0	21.8	0.2	0.0		
5173 / 1 / Storage area ambient air, without filter		13:15	0.0	21.4	0.0	0.0		
5173 / 1 / C / Storage area with filter		15:45	92.6	1.4	2.5	1.0		
5173 / 1 / C / Storage area without filter		15:45	92.6	1.4	3.4	1.3		
5173 / 1 / A / Office area ambient air with filter	11/20/2012	13:03	0.0	20.9	0.1	0.0	50s	Trace
5173 / 1 / A / Office area ambient air without filter		13:03	0.0	20.9	0.1	0.0		
5173 / 1 / A / Office area with filter		14:45	0.0	13.8	3.2	0.0		
5173 / 1 / A / Office area without filter		14:45	0.0	13.9	3.6	0.0		
5173 / 1 / B / Firing Range ambient air with filter		13:09	0.0	21.0	0.1	0.0		
5173 / 1 / B / Firing Range ambient air without filter		13:09	0.0	21.1	0.0	0.0		
5173 / 1 / B / Firing Range with filter		14:50	0.0	4.6	9.7	0.0		
5173 / 1 / B / Firing Range without filter		14:50	0.0	4.7	10.1	0.0		
5173 / 1 / Storage area ambient air, with filter		13:08	0.0	20.9	0.1	0.0		
5173 / 1 / Storage area ambient air, without filter		13:08	0.0	21.0	0.0	0.0		
5173 / 1 / C / Storage area with filter		14:53	183.7	13.6	1.3	0.4		
5173 / 1 / C / Storage area without filter		14:53	183.7	10.8	1.8	0.8		

TABLE 2

VAPOR INTRUSION SAMPLING VALUES
PARCEL 5173 BUILDING 1 - SIM TRAINER
2031 DRYDEN ROAD
SOUTH DAYTON DUMP AND LANDFILL SITE
MORaine, OHIO

Sample Location: Parcel / Building / Probe	Date:	Time	PID (ppm)	O ₂ (%)	CO ₂ (%)	CH ₄ (%)	LEL (%)	Ambient Temperature (°F)	Summary of Recent Precipitation	
5173 / 1 / A / Office area ambient air with filter	11/29/2012	12:31	0.6	21.3	0.1	0.0	0	40s - 50s	None	
5173 / 1 / A / Office area ambient air without filter		12:31	0.6	21.3	0.1	0.0	0			
5173 / 1 / A / Office area with filter		14:05	1.8	13.1	4.0	0.0	0			
5173 / 1 / A / Office area without filter		14:05	1.8	13.3	4.1	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		12:40	0.4	21.2	0.1	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		12:40	0.4	21.2	0.1	0.0	0			
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		12:37	0.3	21.3	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		12:37	0.3	21.3	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		14:23	120.4	2.4	2.8	1.1	22			
5173 / 1 / C / Storage area without filter		14:23	120.4	2.2	3.0	1.5	30			
5173 / 1 / A / Office area ambient air with filter	12/4/2012	13:26	0.0	21.3	0.0	0.0	0	50s	rainy (~0.3 inches)	
5173 / 1 / A / Office area ambient air without filter		13:26	0.0	21.2	0.1	0.0	0			
5173 / 1 / A / Office area with filter		15:29	0.1	13.6	4.5	0.0	0			
5173 / 1 / A / Office area without filter		15:29	0.1	13.7	4.2	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		14:17	0.0	21.0	0.1	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		14:17	0.0	21.0	0.0	0.0	0			
5173 / 1 / B / Firing Range with filter		15:34	0.2	9.1	7.1	0.0	0			
5173 / 1 / B / Firing Range without filter		15:34	0.2	9.1	7.3	0.0	0			
5173 / 1 / Storage area ambient air, with filter		13:07	0.0	21.4	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		13:07	0.0	21.0	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		15:39	66.6	1.6	4.2	1.0	19			
5173 / 1 / C / Storage area without filter	15:39	66.6	1.6	3.6	1.3	27				
5173 / 1 / A / Office area ambient air with filter	12/13/2012	14:18	0.0	22.0	0.0	0.0	0	40s	sunny	
5173 / 1 / A / Office area ambient air without filter		14:18	0.0	22.0	0.0	0.0	0.0			
5173 / 1 / A / Office area with filter		15:17	0.0	14.9	2.5	0.1 U	1 U			
5173 / 1 / A / Office area without filter		15:17	0.0	14.6	4.2	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		13:54	0.0	22.0	0.0	0.1 U	2 U			
5173 / 1 / B / Firing Range ambient air without filter		13:54	0.0	21.8	0.1	0.0	0			
5173 / 1 / B / Firing Range with filter		15:23	1.6	6.4	8.8	0.0	1 U			
5173 / 1 / B / Firing Range without filter		15:23	1.6	6.1	9.7	0.1	1			
5173 / 1 / Storage area ambient air, with filter		13:58	0.0	22.0	0.1	0.1 U	2 U			
5173 / 1 / Storage area ambient air, without filter		13:58	0.0	22.1	0.1	0.0	0			
5173 / 1 / C / Storage area with filter		15:34	109.7	2.0	2.6	1.0	19			
5173 / 1 / C / Storage area without filter	15:34	109.7	1.9	3.2	1.2	25				
5173 / 1 / A / Office area ambient air with filter	12/18/2012	13:55	0.0	21.7	0.1	0.0	0	40s	none	
5173 / 1 / A / Office area ambient air without filter		13:55	0.0	21.6	0.2	0.0	0			
5173 / 1 / A / Office area with filter		14:41	0.8	14.9	3.8	0.0	0			
5173 / 1 / A / Office area without filter		14:41	0.8	14.7	4.6	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		14:04	0.0	21.5	0.1	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		14:04	0.0	21.6	0.1	0.0	0			
5173 / 1 / B / Firing Range with filter		14:51	0.7	6.2	9.3	0.0	0			
5173 / 1 / B / Firing Range without filter		14:51	0.7	6.4	9.7	0.0	0			
5173 / 1 / Storage area ambient air, with filter		13:58	0.0	21.4	0.3	0.0	0			
5173 / 1 / Storage area ambient air, without filter		13:58	0.0	21.4	0.4	0.0	0			
5173 / 1 / C / Storage area with filter		14:56	114.9	1.3	3.8	0.9	19			
5173 / 1 / C / Storage area without filter	14:56	114.9	1.4	3.6	1.3	26				
5173 / 1 / A / Office area ambient air with filter	12/27/2012	13:05	0.0	21.0	0.0	0.0	0	30s	none	
5173 / 1 / A / Office area ambient air without filter		13:05	0.0	21.0	0.0	0.0	0			
5173 / 1 / A / Office area with filter		14:15	0.7	15.4	4.1	0.0	0			
5173 / 1 / A / Office area without filter		14:15	0.7	15.5	4.1	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		13:03	0.0	21.1	0.0	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		13:03	0.0	21.1	0.0	0.0	0			
5173 / 1 / B / Firing Range with filter		14:25	0.5	8.1	8.7	0.0	0			
5173 / 1 / B / Firing Range without filter		14:25	0.5	7.8	9.0	0.0	0			
5173 / 1 / Storage area ambient air, with filter		13:00	0.0	21.0	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		13:00	0.0	21.0	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		14:35	75.0	16.5	1.1	0.3	5			
5173 / 1 / C / Storage area without filter	14:35	75.0	12.0	1.5	0.5	10				

TABLE 2

VAPOR INTRUSION SAMPLING VALUES
 PARCEL 5173 BUILDING 1 - SIM TRAINER
 2031 DRYDEN ROAD
 SOUTH DAYTON DUMP AND LANDFILL SITE
 MORaine, OHIO

<i>Sample Location:</i> <i>Parcel / Building / Probe</i>	<i>Date:</i>	<i>PID</i> <i>Time</i>	<i>O₂</i> <i>(ppm)</i>	<i>CO₂</i> <i>(%)</i>	<i>CH₄</i> <i>(%)</i>	<i>LEL</i> <i>(%)</i>	<i>Ambient</i> <i>Temperature (°F)</i>	<i>Summary of Recent</i> <i>Precipitation</i>
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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 - Combustible Gas measurements from SIM Trainer were not collected during the week of February 20th, due to range closure.

R - Value was rejected (R) as the LEL reading did not correspond to the methane reading of 0 percent.

PID - Photoionization Detector

O₂ - Oxygen

CO₂ - Carbon Dioxide

CH₄ - Methane

LEL - Lower Explosive Limit

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

Value - Value is greater than screening levels for rapid response (USEPA, 2010).