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CONESTOGA-ROVERS & ASSOCIATES

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February 10, 2014

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

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

Dear Ms. Patterson and Mr. Renninger:

Re: Progress Report: January 1 through 31, 2014
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-06-C-852) effective August 15, 2006 (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 January 1 through 31, 2014.

The next Progress Report for the month of February 2014 will be submitted on or before March 10, 2014.

SIGNIFICANT DEVELOPMENTS IN THIS REPORTING PERIOD

RI/FS ASAOC Developments

On January 9, 2014, CRA provided USEPA, Ohio EPA, CH2M Hill and the Respondents with revised chemical concentration contour figures for review and comment.

On January 9, 2014, USEPA, Ohio EPA, CH2M Hill, the Respondents and CRA participated in an OU1 conference call regarding the draft chemical concentration contour figures.

On January 17, 2014, the Respondents submitted the revised Phase 1B Monitoring Well and Phase 2A Vertical Aquifer Sampling Locations Proposal to USEPA, Ohio EPA, and CH2M Hill.

On January 31, 2014, the Respondents submitted the revised OU2 Remedial Investigation/Feasibility Study (RI/FS) Work Plan to USEPA, Ohio EPA, and CH2M Hill.

Removal Action ASAOC Developments

As of January 9, 2014, the Respondents completed installation of sub-slab depressurization systems (SSDSs) in all eight buildings requiring mitigation, with the exception of Building 16, which is discussed below. The Respondents will complete the 30-day proficiency sampling events in February 2014.

On January 9, 16, and 23, 2014, USEPA, Ohio EPA, the USEPA START contractor, and the Respondents participated in conference calls regarding the status of vapor intrusion (VI) mitigation.

During the January conference calls, the participants discussed the following topics:

- Update on SSDS vacuum readings and notification of proficiency sampling dates at Building 8 (B&G Trucking), Building 12 (Overstreet Painting and S&J Precision), Building 14 (Bullseye Amusements), Building 15 (SIM Trainer), and Building 17 (Megacity Construction).
- Weekly methane field screening values from SIM Trainer Building 15, and GP-2.
- For Building 12 (Overstreet Painting and S&J Precision), CRA proposed to rely on vacuum readings, rather than hybrid proficiency sample results, to demonstrate that SSDS operation is successful. A TCE source may potentially be present beneath the building, which may result in sub-slab concentrations of TCE remaining greater than screening levels. USEPA and Respondents agree that indoor air concentrations below screening levels are the primary goal.

On January 21, 2014, USEPA START Contractor, CSS-Dynamac, forwarded one e-mail message from Public Health – Dayton & Montgomery County (PHDMC) to CRA. PHDMC stated that it has no objection to the no further action proposal for Building 16, Command Roofing, located at 2045 Dryden Road, provided the current occupancy status (i.e., unoccupied) is maintained.

On January 30, 2014, the Respondents submitted an electronic copy of the Operation, Maintenance & Monitoring (OM&M) Plan for the SSDS installed at Building 9, B&G Equipment and Truck Repair, located at 1951 Dryden Road to Mark Fornes Realty, USEPA, Ohio EPA, Ohio Department of Health, and CSS-Dynamac.

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.

- As previously discussed with USEPA, a number of the owners and tenants in buildings planned for vapor mitigation have expressed concerns regarding the intrusion that the VI sampling and mitigation has had, and will have, on their business. The Respondents will continue to work with USEPA to alleviate the owners' and tenants' concerns and to attempt to ensure continued access to the properties.

PROJECTED WORK FOR THE NEXT REPORTING PERIOD

- The Respondents and USEPA will continue to work together to 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 implement the mitigation work plan.
- The Respondents will complete 30-day proficiency sampling at all remaining buildings.
- The Respondents will submit the following to USEPA:
  - Individual OU2 Work Plans
  - QAPP update and revision

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

Yours truly,

CONESTOGA-ROVERS & ASSOCIATES

Stephen M. Quigley

VC/cb/14
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
John Sherrard, CSS-Dynamac Corporation
Madelyn Smith, Ohio EPA
Brett Fishwild, CH2M Hill
Ken Brown, ITW
Jim Campbell, EMI
Wray Blattner, Thompson Hine
Adam Loney, CRA

TABLE 1

VAPOR INTRUSION SAMPLING VALUES
PARCEL 5173 BUILDING 15 - 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*	*Barometric Pressure (hPa)*
5173 / 1 / Storage area ambient air, without filter	1/19/2012	11:50	0.9	22.1	0.1	0.0	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	0.0	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	0.0	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	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	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	0.0	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	0			
5173 / 1 / C / Storage area with filter		10:20	101.2	1.0	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	0.1	0.0	0			
5173 / 1 / A with filter		10:15	0	16.9	3.0	0.0	0			
5173 / 1 / B ambient air without filter		9:30	0	21.4	0.0	0.0	0			
5173 / 1 / B with filter		9:48	0.2	9.1	7.9	0.0	0			
5173 / 1 / Storage area ambient air, without filter	3/22/2012	11:50	0	20.5	0.0	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	3.0	5.1	1.1	24			
5173 / 1 / Storage area ambient air, without filter	3/27/2012		0.1	21.5	0.0	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	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	0.0	0			
5173 / 1 / C / Storage area with filter		11:52	206.1	3.0	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	0.0	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	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	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	0.0	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	0.0	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			
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			

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PARCEL 5173 BUILDING 15 - 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*	*Barometric Pressure (hPa)*
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			
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			

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PARCEL 5173 BUILDING 15 - 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*	*Barometric Pressure (hPa)*
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			
5173 / 1 / A / Office area ambient air with filter	10/25/2012	13:35	0.0	21.0	0.1	0.0	0	70s	none	
5173 / 1 / A / Office area ambient air without filter		13:35	0.0	21.0	0.1	0.0	0			
5173 / 1 / A / Office area with filter		14:17	2.4	15.6	0.8	0.0	0			
5173 / 1 / A / Office area without filter		14:17	2.4	15.2	2.6	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		13:06	0.0	20.5	0.1	0.0	1[R]			
5173 / 1 / B / Firing Range ambient air without filter		13:06	0.0	20.3	0.0	0.0	0			
5173 / 1 / B / Firing Range with filter		14:20	1.0	3.8	9.6	0.0	0			
5173 / 1 / B / Firing Range without filter		14:20	1.0	4.1	10.0	0.0	0			
5173 / 1 / Storage area ambient air, with filter		13:20	0.0	21.0	0.1	0.0	1[R]			
5173 / 1 / Storage area ambient air, without filter		13:20	0.0	20.9	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		14:24	72.9	1.3	3.7	1.5	31			
5173 / 1 / C / Storage area without filter		14:24	72.9	1.4	4.1	2.0	41			
5173 / 1 / A / Office area ambient air with filter	10/30/2012	13:35	0.0	21.9	0.1	0.0	0	30s - 40s	snow & rain	
5173 / 1 / A / Office area ambient air without filter		13:35	0.0	21.9	0.1	0.0	0			
5173 / 1 / A / Office area with filter		14:55	1.6	14.2	1.8	0.0	0			
5173 / 1 / A / Office area without filter		14:55	1.6	14.3	3.2	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		13:48	0.0	21.3	0.1	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		13:48	0.0	21.4	0.0	0.0	0			
5173 / 1 / B / Firing Range with filter		15:02	1.6	4.0	9.5	0.0	0			
5173 / 1 / B / Firing Range without filter		15:02	1.6	4.1	10.5	0.0	0			
5173 / 1 / Storage area ambient air, with filter		13:20	0.0	22.2	0.1	0.0	0			
5173 / 1 / Storage area ambient air, without filter		13:20	0.0	22.1	0.1	0.0	0			
5173 / 1 / C / Storage area with filter		15:06	79.5	1.2	4.3	1.6	34			
5173 / 1 / C / Storage area without filter		15:06	79.5	1.4	4.1	2.1	43			
5173 / 1 / A / Office area ambient air with filter	11/8/2012	14:02	1.4	21.4	0.1	0.0	0	30s - 40s	none	
5173 / 1 / A / Office area ambient air without filter		14:02	1.4	21.5	0.1	0.0	0			
5173 / 1 / A / Office area with filter		15:21	4.2	13.7	3.2	0.0	0			
5173 / 1 / A / Office area without filter		15:21	4.2	13.7	3.6	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		14:15	1.2	21.0	0.0	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		14:15	1.2	21.1	0.0	0.0	0			
5173 / 1 / B / Firing Range with filter		15:26	1.8	4.5	9.5	0.0	0			
5173 / 1 / B / Firing Range without filter		15:26	1.8	4.8	9.9	0.0	0			
5173 / 1 / Storage area ambient air, with filter		13:35	1.3	20.9	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		13:35	1.3	21.1	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		15:36	165.5	1.2	3.2	1.4	27			
5173 / 1 / C / Storage area without filter		15:36	165.5	2.2	3.5	1.6	33			

TABLE 1

VAPOR INTRUSION SAMPLING VALUES
PARCEL 5173 BUILDING 15 - 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*	*Barometric Pressure (hPa)*
5173 / 1 / A / Office area ambient air with filter	11/15/2012	13:37	0.0	21.7	0.2	0.0	0	30s - 40s	none	
5173 / 1 / A / Office area ambient air without filter		13:37	0.0	21.8	0.1	0.0	0			
5173 / 1 / A / Office area with filter		15:32	0.0	14.3	3.3	0.0	0			
5173 / 1 / A / Office area without filter		15:32	0.0	14.6	3.6	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		13:58	0.0	21.7	0.1	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		13:58	0.0	21.9	0.0	0.0	0			
5173 / 1 / B / Firing Range with filter		15:43	0.0	4.3	9.5	0.0	0			
5173 / 1 / B / Firing Range without filter		15:43	0.0	4.5	9.8	0.0	0			
5173 / 1 / Storage area ambient air, with filter		13:15	0.0	21.8	0.2	0.0	0			
5173 / 1 / Storage area ambient air, without filter		13:15	0.0	21.4	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		15:45	92.6	1.4	2.5	1.0	21			
5173 / 1 / C / Storage area without filter		15:45	92.6	1.4	3.4	1.3	27			
5173 / 1 / A / Office area ambient air with filter	11/20/2012	13:03	0.0	20.9	0.1	0.0	0	50s	Trace	
5173 / 1 / A / Office area ambient air without filter		13:03	0.0	20.9	0.1	0.0	0			
5173 / 1 / A / Office area with filter		14:45	0.0	13.8	3.2	0.0	0			
5173 / 1 / A / Office area without filter		14:45	0.0	13.9	3.6	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		13:09	0.0	21.0	0.1	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		13:09	0.0	21.1	0.0	0.0	0			
5173 / 1 / B / Firing Range with filter		14:50	0.0	4.6	9.7	0.0	0			
5173 / 1 / B / Firing Range without filter		14:50	0.0	4.7	10.1	0.0	0			
5173 / 1 / Storage area ambient air, with filter		13:08	0.0	20.9	0.1	0.0	0			
5173 / 1 / Storage area ambient air, without filter		13:08	0.0	21.0	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		14:53	183.7	13.6	1.3	0.4	9			
5173 / 1 / C / Storage area without filter		14:53	183.7	10.8	1.8	0.8	16			
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			

TABLE 1

VAPOR INTRUSION SAMPLING VALUES
PARCEL 5173 BUILDING 15 - 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*	*Barometric Pressure (hPa)*
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			
5173 / 1 / A / Office area ambient air with filter	1/3/2013	12:50	0.1	21.2	0.1	0.0	0	10s - 20s	None	
5173 / 1 / A / Office area ambient air without filter		12:50	0.1	21.2	0.1	0.0	0			
5173 / 1 / A / Office area with filter		14:15	0.3	17.9	2.4	0.0	0			
5173 / 1 / A / Office area without filter		14:15	0.3	16.9	3.2	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		12:57	0.0	21.2	0.0	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		12:57	0.0	21.2	0.0	0.0	0			
5173 / 1 / B / Firing Range with filter		14:26	0.4	8.7	8.4	0.0	0			
5173 / 1 / B / Firing Range without filter		14:26	0.4	8.7	8.4	0.0	0			
5173 / 1 / Storage area ambient air, with filter		12:55	0.0	21.3	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		12:55	0.0	21.3	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		14:34	90.4	4.0	2.6	0.7	15			
5173 / 1 / C / Storage area without filter		14:34	90.4	2.5	2.7	1.1	22			
5173 / 1 / A / Office area ambient air with filter	1/10/2013	13:28	0.0	21.1	0.1	0.0	0	30s	Trace	
5173 / 1 / A / Office area ambient air without filter		13:28	0.0	21.1	0.0	0.0	0			
5173 / 1 / A / Office area with filter		14:24	1.0	16.0	3.7	0.0	0			
5173 / 1 / A / Office area without filter		14:24	1.0	16.0	3.9	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		13:26	0.1	20.8	0.2	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		13:26	0.1	21.0	0.1	0.0	0			
5173 / 1 / B / Firing Range with filter		14:30	0.9	9.1	7.8	0.0	0			
5173 / 1 / B / Firing Range without filter		14:30	0.9	9.4	7.9	0.0	0			
5173 / 1 / Storage area ambient air, with filter		13:24	0.1	21.0	0.1	0.0	0			
5173 / 1 / Storage area ambient air, without filter		13:24	0.1	21.1	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		14:45	52.2	3.1	3.0	0.6	12			
5173 / 1 / C / Storage area without filter		14:45	52.2	3.2	2.8	0.9	17			
5173 / 1 / A / Office area ambient air with filter	1/17/2013	13:10	0.0	21.3	0.1	0.0	0	30s	None	
5173 / 1 / A / Office area ambient air without filter		13:10	0.0	21.4	0.0	0.0	0			
5173 / 1 / A / Office area with filter		14:00	1.0	13.5	4.2	0.0	0			
5173 / 1 / A / Office area without filter		14:00	1.0	13.5	4.3	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		13:08	0.1	21.3	0.1	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		13:08	0.1	21.3	0.0	0.0	0			
5173 / 1 / B / Firing Range with filter		14:07	0.3	8.9	8.5	0.0	0			
5173 / 1 / B / Firing Range without filter		14:07	0.3	8.9	8.7	0.0	0			
5173 / 1 / Storage area ambient air, with filter		13:06	0.1	21.3	0.1	0.0	0			
5173 / 1 / Storage area ambient air, without filter		13:06	0.1	21.3	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		14:21	92.9	1.5	3.3	0.8	16			
5173 / 1 / C / Storage area without filter		14:21	92.9	1.6	3.2	1.0	21			
5173 / 1 / A / Office area ambient air with filter	1/24/2013	13:45	0.0	22.2	0.1	0.0	0	10 - 20s	None	
5173 / 1 / A / Office area ambient air without filter		13:45	0.0	21.9	0.1	0.0	0			
5173 / 1 / A / Office area with filter		15:56	0.0	16.2	2.9	0.0	0			
5173 / 1 / A / Office area without filter		15:56	0.0	15.9	4.1	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		13:36	0.0	22.4	0.0	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		13:36	0.0	22.4	0.0	0.0	0			
5173 / 1 / B / Firing Range with filter		16:01	0.4	7.2	8.2	0.0	0			
5173 / 1 / B / Firing Range without filter		16:01	0.4	6.7	9.0	0.0	0			
5173 / 1 / Storage area ambient air, with filter		13:25	0.0	21.3	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		13:25	0.0	20.9	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		16:08	53.0	2.5	2.8	0.6	12			
5173 / 1 / C / Storage area without filter		16:08	53.0	1.9	2.8	0.9	18			
5173 / 1 / A / Office area ambient air with filter	1/31/2013	13:33	0.0	22.1	0.1	0.0	0	10 - 20s	None	
5173 / 1 / A / Office area ambient air without filter		13:33	0.0	22.2	0.1	0.0	0			
5173 / 1 / A / Office area with filter		15:35	0.1	15.7	2.6	0.0	0			
5173 / 1 / A / Office area without filter		15:35	0.1	14.8	4.4	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		14:10	0.0	22.3	0.1	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		14:10	0.0	22.6	0.1	0.0	0			
5173 / 1 / B / Firing Range with filter		15:41	0.2	6.4	9.0	0.0	0			
5173 / 1 / B / Firing Range without filter		15:41	0.2	6.6	9.5	0.0	0			
5173 / 1 / Storage area ambient air, with filter		13:17	0.0	22.1	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		13:17	0.0	21.8	0.1	0.0	0			
5173 / 1 / C / Storage area with filter		15:46	76.7	1.9	4.3	0.6	12			
5173 / 1 / C / Storage area without filter		15:46	76.7	1.6	3.2	0.9	19			

TABLE 1

VAPOR INTRUSION SAMPLING VALUES
PARCEL 5173 BUILDING 15 - 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*	*Barometric Pressure (hPa)*
5173 / 1 / A / Office area ambient air with filter	2/7/2013	14:07	0.4	21.8	0.1	0.0	0	20s - 50s	none	
5173 / 1 / A / Office area ambient air without filter		14:07	0.4	21.8	0.2	0.0	0			
5173 / 1 / A / Office area with filter		15:09	0.8	15.4	3.5	0.0	0			
5173 / 1 / A / Office area without filter		15:09	0.8	15.0	4.2	0.0	0			
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		13:54	0.2	21.4	0.1	0.0	0			
5173 / 1 / Storage area ambient air, without filter		13:54	0.2	21.2	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		15:21	135.7	2.0	3.4	0.6	13			
5173 / 1 / C / Storage area without filter		15:21	135.7	1.5	3.0	0.9	19			
5173 / 1 / A / Office area ambient air with filter	2/12/2013	13:01	0.1	21.2	0.0	0.0	0	30s - 40s	none	
5173 / 1 / A / Office area ambient air without filter		13:01	0.1	21.2	0.1	0.0	0			
5173 / 1 / A / Office area with filter		14:30	0.9	15.4	3.6	0.0	0			
5173 / 1 / A / Office area without filter		14:30	0.9	15.2	4.3	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		13:03	0.0	21.2	0.0	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		13:03	0.0	21.2	0.0	0.0	0			
5173 / 1 / B / Firing Range with filter		14:23	0.4	9.4	7.9	0.0	0			
5173 / 1 / B / Firing Range without filter		14:23	0.4	9.1	7.5	0.0	0			
5173 / 1 / Storage area ambient air, with filter		12:59	0.0	21.2	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		12:59	0.0	21.2	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		14:38	109.2	1.9	3.3	0.5	10			
5173 / 1 / C / Storage area without filter		14:38	109.2	3.0	3.0	0.7	13			
5173 / 1 / A / Office area ambient air with filter	2/28/2013	13:07	0.0	22.3	0.0	0.0	0	20s	trace	
5173 / 1 / A / Office area ambient air without filter		13:07	0.0	22.3	0.1	0.0	0			
5173 / 1 / A / Office area with filter			0.9	16.0	3.4	0.0	0			
5173 / 1 / A / Office area without filter			0.9	16.0	4.0	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		13:09	0.1	22.3	0.0	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		13:09	0.1	22.3	0.1	0.0	0			
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		13:12	0.1	22.2	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		13:12	0.1	22.3	0.1	0.0	0			
5173 / 1 / C / Storage area with filter			90.5	1.8	3.0	0.7	13			
5173 / 1 / C / Storage area without filter			90.5	2.0	2.9	0.9	18			
5173 / 1 / A / Office area ambient air with filter	3/7/2013	13:03	0.0	21.1	0.1	0.0	0	30s	None	
5173 / 1 / A / Office area ambient air without filter		13:03	0.0	21.1	0.1	0.0	0			
5173 / 1 / A / Office area with filter		14:31	0.6	14.7	4.0	0.0	0			
5173 / 1 / A / Office area without filter		14:31	0.6	14.7	4.4	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		13:21	0.0	21.3	0.0	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		13:21	0.0	21.3	0.0	0.0	0			
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		13:15	0.0	21.2	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		13:15	0.0	21.2	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		14:36	63.0	2.3	3.2	0.6	13			
5173 / 1 / C / Storage area without filter		14:36	63.0	2.4	3.1	0.8	16			
5173 / 1 / A / Office area ambient air with filter	3/14/2013	14:00	0.4	21.2	0.1	0.0	0	20s - 40s	None	
5173 / 1 / A / Office area ambient air without filter		14:00	0.4	21.2	0.1	0.0	0			
5173 / 1 / A / Office area with filter		14:13	0.0	16.4	2.4	0.0	0			
5173 / 1 / A / Office area without filter		14:13	0.0	15.2	4.4	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		13:50	0.4	21.6	0.1	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		13:50	0.4	21.6	0.1	0.0	0			
5173 / 1 / B / Firing Range with filter		14:17	0.0	9.1	7.1	0.0	0			
5173 / 1 / B / Firing Range without filter		14:17	0.0	6.9	9.8	0.0	0			
5173 / 1 / Storage area ambient air, with filter		13:40	0.3	21.5	0.3	0.0	0			
5173 / 1 / Storage area ambient air, without filter		13:40	0.3	21.5	0.1	0.0	0			
5173 / 1 / C / Storage area with filter		14:21	47.0	5.1	5.0	0.4	8			
5173 / 1 / C / Storage area without filter		14:21	47.0	3.1	3.1	0.8	15			
5173 / 1 / A / Office area ambient air with filter		13:04	0.0	21.1	0.1	0.0	0			
5173 / 1 / A / Office area ambient air without filter		13:04	0.0	21.2	0.1	0.0	0			
5173 / 1 / A / Office area with filter		14:36	0.0	15.2	4.1	0.0	0			
5173 / 1 / A / Office area without filter		14:36	0.0	15.2	4.6	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		13:33	0.0	21.8	0.0	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		13:33	0.0	21.7	0.0	0.0	0			
5173 / 1 / B / Firing Range with filter		14:30	0.1	9.4	9.1	0.0	0			
5173 / 1 / B / Firing Range without filter		14:30	0.1	9.6	8.8	0.0	0			
5173 / 1 / Storage area ambient air, with filter		13:18	0.0	21.3	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		13:18	0.0	21.4	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		14:53	80.1	2.3	3.0	0.4	8			
5173 / 1 / C / Storage area without filter		14:53	80.1	2.4	3.3	0.6	13			

TABLE 1

VAPOR INTRUSION SAMPLING VALUES
PARCEL 5173 BUILDING 15 - 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*	*Barometric Pressure (hPa)*
5173 / 1 / A / Office area ambient air with filter	3/21/2013	13:40	0.0	21.2	0.1	0.0	0	20s - 30s	Trace	
5173 / 1 / A / Office area ambient air without filter		13:40	0.0	21.3	0.1	0.0	0			
5173 / 1 / A / Office area with filter		14:04	0.0	15.1	4.8	0.0	0			
5173 / 1 / A / Office area without filter		14:04	0.0	15.1	4.4	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		13:15	0.0	21.7	0.0	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		13:15	0.0	21.8	0.0	0.0	0			
5173 / 1 / B / Firing Range with filter		13:57	0.0	6.7	9.5	0.0	0			
5173 / 1 / B / Firing Range without filter		13:57	0.0	6.8	9.8	0.0	0			
5173 / 1 / Storage area ambient air, with filter		13:17	0.0	21.8	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		13:17	0.0	21.8	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		14:11	85.5	4.7	3.6	0.5	11			
5173 / 1 / C / Storage area without filter		14:11	85.5	2.5	3.3	0.8	17			
5173 / 1 / A / Office area ambient air with filter	3/28/2013	12:41	0.0	21.3	0.0	0.0	0	30s - 40s	None	
5173 / 1 / A / Office area ambient air without filter		12:41	0.0	21.3	0.0	0.0	0			
5173 / 1 / A / Office area with filter		13:21	0.0	15.4	5.4	0.0	0			
5173 / 1 / A / Office area without filter		13:21	0.0	15.5	4.4	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		12:42	0.0	21.3	0.0	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		12:42	0.0	21.3	0.0	0.0	0			
5173 / 1 / B / Firing Range with filter		13:16	0.0	7.3	9.1	0.0	0			
5173 / 1 / B / Firing Range without filter		13:16	0.0	7.2	9.8	0.0	0			
5173 / 1 / Storage area ambient air, with filter		12:44	0.0	21.3	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		12:44	0.0	21.3	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		13:27	109.0	3.1	3.4	0.6	12			
5173 / 1 / C / Storage area without filter		13:27	109.0	3.3	3.2	0.8	16			
5173 / 1 / A / Office area ambient air with filter	4/4/2013	13:27	0.0	21.3	0.0	0.0	0	30s - 50s	None	
5173 / 1 / A / Office area ambient air without filter		13:27	0.0	21.3	0.0	0.0	0			
5173 / 1 / A / Office area with filter		14:31	0.4	16.1	3.3	0.0	0			
5173 / 1 / A / Office area without filter		14:31	0.4	15.9	3.8	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		13:32	0.0	21.2	0.0	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		13:32	0.0	21.2	0.0	0.0	0			
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		13:31	0.0	21.2	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		13:31	0.0	21.2	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		14:38	87.2	11.7	1.8	0.4	7			
5173 / 1 / C / Storage area without filter		14:38	87.2	13.3	1.6	0.4	8			
5173 / 1 / A / Office area ambient air with filter	4/9/2013	13:23	0.0	20.4	0.0	0.0	0	50s - 80s	None	
5173 / 1 / A / Office area ambient air without filter		13:23	0.0	20.5	0.0	0.0	0			
5173 / 1 / A / Office area with filter		14:19	1.1	15.5	3.8	0.0	0			
5173 / 1 / A / Office area without filter		14:19	1.1	15.6	4.2	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		13:30	0.0	20.6	0.0	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		13:30	0.0	20.6	0.0	0.0	0			
5173 / 1 / B / Firing Range with filter		14:26	1.3	6.5	9.5	0.0	0			
5173 / 1 / B / Firing Range without filter		14:26	1.3	10.0	6.6	0.0	0			
5173 / 1 / Storage area ambient air, with filter		13:31	0.0	20.6	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		13:31	0.0	20.6	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		14:31	102.1	3.5	3.8	0.5	11			
5173 / 1 / C / Storage area without filter		14:31	102.1	3.7	3.6	0.7	14			
5173 / 1 / A / Office area ambient air with filter	4/18/2013	12:30	0.7	20.6	0.0	0.0	0	60s - 80s	None	
5173 / 1 / A / Office area ambient air without filter		12:30	0.7	20.6	0.0	0.0	0			
5173 / 1 / A / Office area with filter		14:15	1.1	15.2	4.3	0.0	0			
5173 / 1 / A / Office area without filter		14:15	1.1	15.2	4.5	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		12:37	0.0	20.4	0.0	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		12:37	0.0	20.4	0.0	0.0	0			
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		12:35	0.1	20.4	0.2	0.0	0			
5173 / 1 / Storage area ambient air, without filter		12:35	0.1	20.4	0.1	0.0	0			
5173 / 1 / C / Storage area with filter		14:21	134.9	1.6	5.2	0.6	13			
5173 / 1 / C / Storage area without filter		14:21	134.9	1.7	5.3	0.9	18			
5173 / 1 / A / Office area ambient air with filter	4/23/2013	14:09	0.0	21.4	0.0	0.0	0	50s - 60s	None	
5173 / 1 / A / Office area ambient air without filter		14:09	0.0	21.4	0.1	0.0	0			
5173 / 1 / A / Office area with filter		14:55	0.3	16.1	3.0	0.0	0			
5173 / 1 / A / Office area without filter		14:55	0.3	15.9	4.0	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		13:52	0.0	20.6	0.1	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		13:52	0.0	20.6	0.0	0.0	0			
5173 / 1 / B / Firing Range with filter		14:59	0.2	6.9	10.4	0.0	0			
5173 / 1 / B / Firing Range without filter		14:59	0.2	6.9	10.8	0.0	0			
5173 / 1 / Storage area ambient air, with filter		14:00	0.0	21.3	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		14:00	0.0	21.4	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		15:04	77.6	3.5	4.1	0.5	10			
5173 / 1 / C / Storage area without filter		15:04	77.6	3.5	4.6	0.8	16			

TABLE 1

VAPOR INTRUSION SAMPLING VALUES
PARCEL 5173 BUILDING 15 - 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*	*Barometric Pressure (hPa)*
5173 / 1 / A / Office area ambient air with filter	4/30/2013	13:39	0.0	21.3	0.0	0.0	0	40s - 70s	None	
5173 / 1 / A / Office area ambient air without filter		13:39	0.0	21.3	0.0	0.0	0			
5173 / 1 / A / Office area with filter		14:58	0.0	16.7	3.1	0.0	0			
5173 / 1 / A / Office area without filter		14:58	0.0	16.6	3.8	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		13:16	0.0	20.1	0.0	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		13:16	0.0	20.2	0.0	0.0	0			
5173 / 1 / B / Firing Range with filter		15:02	0.5	7.1	9.6	0.0	0			
5173 / 1 / B / Firing Range without filter		15:02	0.5	6.8	10.6	0.0	0			
5173 / 1 / Storage area ambient air, with filter		13:21	0.0	20.6	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		13:21	0.0	21.0	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		15:06	60.1	2.5	5.8	0.5	10			
5173 / 1 / C / Storage area without filter		15:06	60.1	2.6	4.9	0.8	17			
5173 / 1 / A / Office area ambient air with filter	5/9/2013	13:35	0.0	20.6	0.0	0.0	0	50s - 70s	None	
5173 / 1 / A / Office area ambient air without filter		13:35	0.0	20.6	20.7	0.0	0			
5173 / 1 / A / Office area with filter		14:49	0.0	17.5	1.8	0.0	0			
5173 / 1 / A / Office area without filter		14:49	0.0	17.3	2.8	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		13:19	0.0	19.5	0.0	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		13:19	0.0	19.6	0.0	0.0	0			
5173 / 1 / B / Firing Range with filter		14:51	0.4	7.0	10.3	0.0	0			
5173 / 1 / B / Firing Range without filter		14:51	0.4	7.1	10.8	0.0	0			
5173 / 1 / Storage area ambient air, with filter		13:27	0.0	20.0	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		13:27	0.0	20.1	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		14:55	31.5	2.2	5.8	0.6	12			
5173 / 1 / C / Storage area without filter		14:55	31.5	2.3	5.5	0.9	18			
5173 / 1 / A / Office area ambient air with filter	5/16/2013	12:30	0.0	20.7	0.0	0.0	0	40s - 80s	~1 inch	
5173 / 1 / A / Office area ambient air without filter		12:30	0.0	20.7	0.1	0.0	0			
5173 / 1 / A / Office area with filter		13:48	1.0	18.1	2.7	0.0	0			
5173 / 1 / A / Office area without filter		13:48	1.0	17.9	3.1	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		12:33	0.0	20.7	0.1	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		12:33	0.0	20.7	0.0	0.0	0			
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		12:31	0.0	20.7	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		12:31	0.0	20.7	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		13:59	120.3	1.8	6.5	0.8	15			
5173 / 1 / C / Storage area without filter		13:59	120.3	1.5	6.6	1.1	22			
5173 / 1 / A / Office area ambient air with filter	5/21/2013	14:06	0.0	20.5	0.0	0.0	0	40s - 80s	~0.2 inch	
5173 / 1 / A / Office area ambient air without filter		14:06	0.0	20.5	0.0	0.0	0			
5173 / 1 / A / Office area with filter		15:37	0.0	18.8	1.8	0.0	0			
5173 / 1 / A / Office area without filter		15:37	0.0	18.7	2.5	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		13:50	0.0	19.2	0.0	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		13:50	0.0	19.3	0.0	0.0	0			
5173 / 1 / B / Firing Range with filter		15:41	0.9	6.7	12.1	0.0	0			
5173 / 1 / B / Firing Range without filter		15:41	0.9	6.8	12.6	0.0	0			
5173 / 1 / Storage area ambient air, with filter		13:58	0.0	20.0	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		13:58	0.0	20.0	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		15:44	79.5	3.1	7.0	0.6	13			
5173 / 1 / C / Storage area without filter		15:44	79.5	3.1	6.6	1.0	20			
5173 / 1 / A / Office area ambient air with filter	5/30/2013	12:20	0.0	20.7	0.0	0.0	0	50s - 80s	~1.3 inch	
5173 / 1 / A / Office area ambient air without filter		12:20	0.0	20.7	0.0	0.0	0			
5173 / 1 / A / Office area with filter		13:48	1.7	18.6	2.0	0.0	0			
5173 / 1 / A / Office area without filter		13:48	1.7	18.4	2.3	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		12:34	0.0	20.8	0.0	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		12:34	0.0	20.7	0.0	0.0	0			
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		12:36	0.0	20.7	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		12:36	0.0	20.7	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		13:56	137.2	1.5	7.2	0.8	17			
5173 / 1 / C / Storage area without filter		13:56	137.2	1.6	7.4	1.2	25			
5173 / 1 / A / Office area ambient air with filter	6/6/2013	13:51	0.1	20.9	0.0	0.0	0	60s	0.25 inch	
5173 / 1 / A / Office area ambient air without filter		13:51	0.1	20.9	0.1	0.0	0			
5173 / 1 / A / Office area with filter		15:28	1.8	19.2	2.0	0.0	0			
5173 / 1 / A / Office area without filter		15:28	1.8	19.0	2.2	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		13:56	0.0	20.9	0.0	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		13:56	0.0	20.9	0.0	0.0	0			
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		13:55	0.0	20.9	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		13:55	0.0	20.9	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		15:35	126.8	4.3	6.5	0.8	16			
5173 / 1 / C / Storage area without filter		15:35	126.8	4.4	6.8	1.1	23			

TABLE 1

VAPOR INTRUSION SAMPLING VALUES
PARCEL 5173 BUILDING 15 - 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*	*Barometric Pressure (hPa)*
5173 / 1 / A / Office area ambient air with filter	6/13/2013	15:25	0.0	20.8	0.0	0.0	0	60s - 80s	1.55 inches	
5173 / 1 / A / Office area ambient air without filter		15:25	0.0	20.8	0.0	0.0	0			
5173 / 1 / A / Office area with filter		--	0.0	18.6	2.5	0.0	0			
5173 / 1 / A / Office area without filter		--	0.0	19.9	0.4	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		15:00	0.0	20.9	0.0	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		15:00	0.0	20.9	0.0	0.0	0			
5173 / 1 / B / Firing Range with filter		--	0.7	6.6	12.1	0.0	0			
5173 / 1 / B / Firing Range without filter		--	0.7	6.6	12.7	0.0	0			
5173 / 1 / Storage area ambient air, with filter		15:13	0.0	20.8	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		15:13	0.0	20.8	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		--	86.4	2.0	7.5	1.0	20			
5173 / 1 / C / Storage area without filter		--	86.4	1.9	7.6	1.4	25			
5173 / 1 / A / Office area ambient air with filter	6/20/2013	--	0.0	21.0	0.0	0.0	0	50s - 80s	None	
5173 / 1 / A / Office area ambient air without filter		--	0.0	21.0	0.0	0.0	0			
5173 / 1 / A / Office area with filter		--	0.9	19.4	0.7	0.0	0			
5173 / 1 / A / Office area without filter		--	0.9	19.2	1.7	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		--	0.0	21.0	0.0	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		--	0.0	21.0	0.0	0.0	0			
5173 / 1 / B / Firing Range with filter		--	2.3	6.4	11.8	0.0	0			
5173 / 1 / B / Firing Range without filter		--	2.3	6.5	12.5	0.0	0			
5173 / 1 / Storage area ambient air, with filter		--	0.0	20.9	0.1	0.0	0			
5173 / 1 / Storage area ambient air, without filter		--	0.0	20.9	0.1	0.0	0			
5173 / 1 / C / Storage area with filter		--	235.1	2.5	7.6	1.0	21			
5173 / 1 / C / Storage area without filter		--	235.1	2.4	7.4	1.8	37			
5173 / 1 / A / Office area ambient air with filter	6/27/2013	13:12	0.0	21.6	0.0	0.0	0	70s - 80s	Trace	
5173 / 1 / A / Office area ambient air without filter		13:12	21.5	0.0	0.0	0.0	0			
5173 / 1 / A / Office area with filter		14:23	0.2	19.8	0.7	0.0	0			
5173 / 1 / A / Office area without filter		14:23	0.2	19.6	1.1	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		13:02	0.0	21.5	0.0	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		13:02	0.0	21.5	0.0	0.0	0			
5173 / 1 / B / Firing Range with filter		14:18	0.0	8.6	11.2	0.0	0			
5173 / 1 / B / Firing Range without filter		14:18	0.0	8.3	11.4	0.0	0			
5173 / 1 / Storage area ambient air, with filter		13:25	0.0	21.7	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		13:25	0.0	21.7	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		14:30	223.0	3.1	5.7	1.3	26			
5173 / 1 / C / Storage area without filter		14:30	223.0	3.0	7.6	1.6	32			
5173 / 1 / A / Office area ambient air with filter	7/3/2013	12:51	0.0	20.7	0.0	0.0	0	60s - 80s	Trace	
5173 / 1 / A / Office area ambient air without filter		12:51	0.0	20.7	0.0	0.0	0			
5173 / 1 / A / Office area with filter		13:09	0.0	19.0	1.8	0.0	0			
5173 / 1 / A / Office area without filter		13:09	0.0	19.0	1.6	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		12:47	0.0	20.7	0.0	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		12:47	0.0	20.7	0.1	0.0	0			
5173 / 1 / B / Firing Range with filter		13:05	5.0	7.7	10.9	0.0	0			
5173 / 1 / B / Firing Range without filter		13:05	5.0	7.7	11.7	0.0	0			
5173 / 1 / Storage area ambient air, with filter		12:49	0	20.8	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		12:49	0	20.8	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		13:25	217	3.3	6.5	1.2	25			
5173 / 1 / C / Storage area without filter		13:25	217	3.0	7.4	1.6	32			
5173 / 1 / A / Office area ambient air with filter	7/11/2013	13:34	0.0	20.7	0.0	0.0	0	60s - 70s	None	
5173 / 1 / A / Office area ambient air without filter		13:34	0.0	20.7	0.0	0.0	0			
5173 / 1 / A / Office area with filter		15:20	2.4	19.3	1.7	0.0	0			
5173 / 1 / A / Office area without filter		15:20	2.4	19.2	1.6	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		13:30	0.0	20.8	0.0	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		13:30	0.0	20.8	0.0	0.0	0			
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		13:32	0.0	20.8	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		13:32	0.0	20.8	0.1	0.0	0			
5173 / 1 / C / Storage area with filter		15:25	102.6	1.7	7.8	1.2	24			
5173 / 1 / C / Storage area without filter		15:25	102.6	1.9	8.0	1.8	35			
5173 / 1 / A / Office area ambient air with filter	7/18/2013	12:34	0.0	20.7	0.0	0.0	0	70s - 90s	None	
5173 / 1 / A / Office area ambient air without filter		12:34	0.0	20.8	0.0	0.0	0			
5173 / 1 / A / Office area with filter		15:16	1.9	19.7	1.5	0.0	0			
5173 / 1 / A / Office area without filter		15:16	1.9	19.8	1.3	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		12:30	0.0	20.7	0.0	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		12:30	0.0	20.7	0.0	0.0	0			
5173 / 1 / B / Firing Range with filter		15:09	5.0	8.0	11.0	0.0	0			
5173 / 1 / B / Firing Range without filter		15:09	5.0	7.7	11.9	0.0	0			
5173 / 1 / Storage area ambient air, with filter		12:32	0	20.7	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		12:32	0	20.7	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		15:45	126.3	2.0	8.0	1.3	25			
5173 / 1 / C / Storage area without filter		15:45	126.3	2.9	8.0	1.9	37			

TABLE 1

VAPOR INTRUSION SAMPLING VALUES
PARCEL 5173 BUILDING 15 - 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*	*Barometric Pressure (hPa)*
5173 / 1 / A / Office area ambient air with filter	7/25/2013	13:18	0.0	20.9	0.0	0.0	0	50s - 70s	None	
5173 / 1 / A / Office area ambient air without filter		13:18	0.0	20.9	0.0	0.0	0			
5173 / 1 / A / Office area with filter		14:46	2.4	19.6	1.6	0.0	0			
5173 / 1 / A / Office area without filter		14:46	2.4	19.6	1.4	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		13:15	0.0	20.9	0.0	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		13:15	0.0	20.9	0.1	0.0	0			
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		13:16	0	21.0	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		13:16	0	21.0	0.1	0.0	0			
5173 / 1 / C / Storage area with filter		14:51	113.6	2.7	7.4	1.5	29			
5173 / 1 / C / Storage area without filter		14:51	113.6	2.8	7.7	1.9	38			
5173 / 1 / A / Office area ambient air with filter	8/1/2013	13:34	0.0	20.8	0.1	0.0	0	60s - 80s	None	
5173 / 1 / A / Office area ambient air without filter		13:34	0.0	20.8	0.0	0.0	0			
5173 / 1 / A / Office area with filter		14:41	1.0	18.9	2.5	0.0	0			
5173 / 1 / A / Office area without filter		14:41	1.0	19.0	1.6	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		13:31	0.0	20.8	0.0	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		13:31	0.0	20.8	0.0	0.0	0			
5173 / 1 / B / Firing Range with filter		14:35	0.9	7.4	11.3	0.0	0			
5173 / 1 / B / Firing Range without filter		14:35	0.9	7.5	11.5	0.0	0			
5173 / 1 / Storage area ambient air, with filter		13:32	0	20.8	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		13:32	0	20.7	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		14:46	173.9	2.1	6.7	1.5	29			
5173 / 1 / C / Storage area without filter		14:46	173.9	2.5	7.4	2.1	41			
5173 / 1 / A / Office area ambient air with filter	8/6/2013	13:08	0.0	20.6	0.0	0.0	0	60s - 80s	None	
5173 / 1 / A / Office area ambient air without filter		13:08	0.0	20.6	0.0	0.0	0			
5173 / 1 / A / Office area with filter		14:15	1.5	18.7	2.0	0.0	0			
5173 / 1 / A / Office area without filter		14:15	1.5	18.6	1.6	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		13:04	0.0	20.6	0.0	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		13:04	0.0	20.7	0.0	0.0	0			
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		13:06	0	20.6	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		13:06	0	20.6	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		14:21	151.3	2.6	7.0	1.5	30			
5173 / 1 / C / Storage area without filter		14:21	151.3	3.0	7.0	2.2	44			
5173 / 1 / A / Office area ambient air with filter	8/15/2013	12:52	0.0	20.8	0.0	0.0	0	40s - 70s	None	
5173 / 1 / A / Office area ambient air without filter		12:52	0.0	20.8	0.0	0.0	0			
5173 / 1 / A / Office area with filter		13:51	0.3	19.3	2.2	0.0	0			
5173 / 1 / A / Office area without filter		13:51	0.3	19.2	1.4	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		12:50	0.0	20.8	0.1	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		13:45	1.8	6.4	11.4	0.0	0			
5173 / 1 / B / Firing Range without filter		13:45	1.8	6.6	11.7	0.0	0			
5173 / 1 / Storage area ambient air, with filter		12:54	0	20.8	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		12:54	0	20.8	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		13:57	85.8	2.3	6.6	1.5	30			
5173 / 1 / C / Storage area without filter		13:57	85.8	2.8	6.7	2.0	40			
5173 / 1 / A / Office area ambient air with filter	8/22/2013	13:43	0.0	20.4	0.0	0.0	0	60s - 80s	Trace (0.06 in.)	
5173 / 1 / A / Office area ambient air without filter		13:43	0.0	20.4	0.0	0.0	0			
5173 / 1 / A / Office area with filter		14:53	0.0	18.9	1.4	0.0	0			
5173 / 1 / A / Office area without filter		14:53	0.0	18.9	1.4	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		13:40	0.0	20.4	0.0	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		13:40	0.0	20.4	0.0	0.0	0			
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		13:41	0	20.3	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		13:41	0	20.3	0.1	0.0	0			
5173 / 1 / C / Storage area with filter		15:00	91.2	1.6	7.0	1.4	28			
5173 / 1 / C / Storage area without filter		15:00	91.2	1.8	7.0	2.2	45			
5173 / 1 / A / Office area ambient air with filter	8/27/2013	13:28	0.0	20.5	0.0	0.0	0	70s - 80s	None	
5173 / 1 / A / Office area ambient air without filter		13:28	0.0	20.5	0.0	0.0	0			
5173 / 1 / A / Office area with filter		14:30	1.9	19.2	1.6	0.0	0			
5173 / 1 / A / Office area without filter		14:30	1.9	19.1	1.2	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		13:25	0.0	20.5	0.1	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		13:25	0.0	20.5	0.0	0.0	0			
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		13:27	0.1	20.4	0.1	0.0	0			
5173 / 1 / Storage area ambient air, without filter		13:27	0.1	20.4	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		14:35	91.4	3.1	6.4	1.5	29			
5173 / 1 / C / Storage area without filter		14:35	91.4	2.0	7.0	2.6	51			

TABLE 1

VAPOR INTRUSION SAMPLING VALUES
PARCEL 5173 BUILDING 15 - 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*	*Barometric Pressure (hPa)*
5173 / 1 / A / Office area ambient air with filter	9/5/2013	15:09	-	21.0	0.0	0.0	0	50s - 80s	None	
5173 / 1 / A / Office area ambient air without filter		15:09	-	21.1	0.0	0.0	0			
5173 / 1 / A / Office area with filter		15:32	1.0	19.2	1.1	0.0	0			
5173 / 1 / A / Office area without filter		15:32	1.0	19.1	1.2	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		15:00	-	20.2	0.0	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		15:00	-	20.3	0.0	0.0	0			
5173 / 1 / B / Firing Range with filter		15:40	1.5	6.4	11.2	0.0	0			
5173 / 1 / B / Firing Range without filter		15:40	1.5	6.6	11.6	0.0	0			
5173 / 1 / Storage area ambient air, with filter		15:16	-	20.7	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		15:16	0	2.8	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		15:46	85	2.3	6.9	1.6	33			
5173 / 1 / C / Storage area without filter		15:46	85	2.3	6.8	2.2	45			
5173 / 1 / A / Office area ambient air with filter	9/12/2013	14:42	0.0	21.0	0.0	0.0	0	60s-80s	0.29 inches	
5173 / 1 / A / Office area ambient air without filter		14:42	0.0	21.0	0.0	0.0	0			
5173 / 1 / A / Office area with filter		17:35	0.3	20.0	0.7	0.0	0			
5173 / 1 / A / Office area without filter		17:35	0.3	19.9	1.0	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		14:55	0.0	21.1	0.0	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		14:55	0.0	21.1	0.0	0.0	0			
5173 / 1 / B / Firing Range with filter		17:40	0.0	6.8	11.4	0.0	0			
5173 / 1 / B / Firing Range without filter		17:40	0.0	6.8	11.7	0.0	0			
5173 / 1 / Storage area ambient air, with filter		15:04	0	20.8	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		15:04	0	20.8	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		17:43	83.4	2.4	7.0	1.7	33			
5173 / 1 / C / Storage area without filter		17:43	83.4	2.4	6.9	2.3	46			
5173 / 1 / A / Office area ambient air with filter	9/20/2013	13:28	0.0	20.7	0.0	0.0	0	60s - 80s	0.6 inches	1009 - 1013
5173 / 1 / A / Office area ambient air without filter		13:28	0.0	20.7	0.0	0.0	0			
5173 / 1 / A / Office area with filter		14:20	0.4	18.7	1.0	0.0	0			
5173 / 1 / A / Office area without filter		14:20	0.4	18.6	1.2	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		13:36	0.0	20.9	0.0	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		13:36	0.0	20.9	0.0	0.0	0			
5173 / 1 / B / Firing Range with filter		14:24	1.2	6.5	10.6	0.0	0			
5173 / 1 / B / Firing Range without filter		14:24	1.2	6.5	10.9	0.0	0			
5173 / 1 / Storage area ambient air, with filter		13:44	0.2	20.9	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		13:44	0.2	20.9	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		14:29	88.9	2.0	6.3	1.4	28			
5173 / 1 / C / Storage area without filter		14:29	88.9	2.1	6.1	1.9	38			
5173 / 1 / A / Office area ambient air with filter	9/24/2013	13:43	0.0	20.8	0.0	0.0	0	40s - 70s	None	1016 - 1018
5173 / 1 / A / Office area ambient air without filter		13:43	0.0	20.9	0.0	0.0	0			
5173 / 1 / A / Office area with filter		14:44	0.3	18.1	1.4	0.0	0			
5173 / 1 / A / Office area without filter		14:44	0.3	18.0	1.5	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		13:40	0.0	20.8	0.1	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		13:40	0.0	20.8	0.0	0.0	0			
5173 / 1 / B / Firing Range with filter		14:38	1.2	6.7	10.0	0.0	0			
5173 / 1 / B / Firing Range without filter		14:38	1.2	6.7	10.6	0.0	0			
5173 / 1 / Storage area ambient air, with filter		13:41	0	20.8	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		13:41	0	20.8	0.1	0.0	0			
5173 / 1 / C / Storage area with filter		14:49	113.7	2.0	5.7	1.6	31			
5173 / 1 / C / Storage area without filter		14:49	113.7	2.0	5.9	2.1	41			
5173 / 1 / A / Office area ambient air with filter	10/3/2013	13:03	0.0	20.8	0.0	0.0	0	60s - 70s	0.27 inches	1015 - 1022
5173 / 1 / A / Office area ambient air without filter		13:03	0.0	20.8	0.0	0.0	0			
5173 / 1 / A / Office area with filter		13:39	0.0	17.9	2.5	0.0	0			
5173 / 1 / A / Office area without filter		13:39	0.0	17.9	1.6	0.0	0			
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		13:18	0	20.9	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		13:18	0	21.0	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		13:41	121.1	1.7	5.2	1.5	28			
5173 / 1 / C / Storage area without filter		13:41	121.1	1.8	5.9	2.0	40			
5173 / 1 / A / Office area ambient air with filter	10/10/2013	13:26	0.0	20.8	0.0	0.0	0	40s - 70s	None	1020 - 1022
5173 / 1 / A / Office area ambient air without filter		13:26	0.0	20.9	0.0	0.0	0			
5173 / 1 / A / Office area with filter		13:56	0.6	16.2	1.5	0.0	0			
5173 / 1 / A / Office area without filter		13:56	0.6	16.2	1.8	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		13:03	0.0	20.8	0.0	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		13:03	0.0	20.8	0.0	0.0	0			
5173 / 1 / B / Firing Range with filter		14:01	1.3	6.0	9.7	0.0	0			
5173 / 1 / B / Firing Range without filter		14:01	1.3	5.8	10.4	0.0	0			
5173 / 1 / Storage area ambient air, with filter		13:13	0.05	20.6	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		13:13	0.05	20.6	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		14:12	91.55	2.4	5.6	1.4	28			
5173 / 1 / C / Storage area without filter		14:12	91.55	1.8	5.2	1.9	39			

TABLE 1

VAPOR INTRUSION SAMPLING VALUES
PARCEL 5173 BUILDING 15 - 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*	*Barometric Pressure (hPa)*
5173 / 1 / A / Office area ambient air with filter	10/17/2013	13:14	0.0	20.7	0.1	0.0	0	40s - 50s	0.1 inches	1011 - 1014
5173 / 1 / A / Office area ambient air without filter		13:14	0.0	20.7	0.1	0.0	0			
5173 / 1 / A / Office area with filter		14:53	0.5	16.4	2.5	0.0	0			
5173 / 1 / A / Office area without filter		14:53	0.5	16.3	2.2	0.0	0			
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		13:20	0	20.8	0.1	0.0	0			
5173 / 1 / Storage area ambient air, without filter		13:20	0	20.8	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		14:58	138.6	2.4	4.9	1.4	28			
5173 / 1 / C / Storage area without filter		14:58	138.6	2.2	5.2	1.9	38			
5173 / 1 / A / Office area ambient air with filter	10/24/2013	12:26	0.0	21.0	0.1	0.0	0	30s - 40s	Trace (0.02 inches)	1015 - 1025
5173 / 1 / A / Office area ambient air without filter		12:26	0.0	20.9	0.0	0.0	0			
5173 / 1 / A / Office area with filter		13:50	3.6	16.2	1.3	0.0	0			
5173 / 1 / A / Office area without filter		13:50	3.6	16.0	2.6	0.0	0			
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		12:43	0	21.2	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		12:43	0	21.4	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		13:54	223	4.3	2.5	1.0	20			
5173 / 1 / C / Storage area without filter		13:54	223	4.9	4.2	1.3	25			
5173 / 1 / A / Office area ambient air with filter	10/31/2013	13:36	0.0	21.1	0.1	0.0	0	60s	1.25 inches	1000 - 1010
5173 / 1 / A / Office area ambient air without filter		13:36	0.0	21.1	0.1	0.0	0			
5173 / 1 / A / Office area with filter		15:17	1.5	16.6	3.0	0.0	0			
5173 / 1 / A / Office area without filter		15:17	1.5	16.8	2.0	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		13:13	0.0	21.1	0.0	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		13:13	0.0	21.0	0.0	0.0	0			
5173 / 1 / B / Firing Range with filter		15:21	1.9	10.3	6.6	0.0	0			
5173 / 1 / B / Firing Range without filter		15:21	1.9	10.3	7.0	0.0	0			
5173 / 1 / Storage area ambient air, with filter		13:26	0.3	21.1	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		13:26	0.3	21.0	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		15:26	103.3	7.4	3.7	0.7	14			
5173 / 1 / C / Storage area without filter		15:26	103.3	7.4	3.2	1.0	19			
5173 / 1 / A / Office area ambient air with filter	11/7/2013	12:48	0.0	20.9	0.1	0.0	0	40s	Trace (0.04 inches)	1020 - 1025
5173 / 1 / A / Office area ambient air without filter		12:48	0.0	21.0	0.1	0.0	0			
5173 / 1 / A / Office area with filter		14:04	1.5	15.3	3.4	0.0	0			
5173 / 1 / A / Office area without filter		14:04	1.5	15.2	3.4	0.0	0			
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		12:51	0	21.0	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		12:51	0	21.0	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		14:09	112.3	3.0	3.7	1.0	20			
5173 / 1 / C / Storage area without filter		14:09	112.3	3.0	4.2	1.3	26			
5173 / 1 / A / Office area ambient air with filter	11/12/2013	12:48	0.0	21.1	0.0	0.0	0	20s - 30s	Trace (0.05 inches)	1030 - 1036
5173 / 1 / A / Office area ambient air without filter		12:48	0.0	21.1	0.0	0.0	0			
5173 / 1 / A / Office area with filter		13:45	1.2	15.3	3.3	0.0	0			
5173 / 1 / A / Office area without filter		13:45	1.2	15.2	3.1	0.0	0			
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		12:44	0.0	21.2	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		12:44	0.0	21.3	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		13:52	105.9	3.1	3.4	1.0	20			
5173 / 1 / C / Storage area without filter		13:52	105.9	2.9	3.9	1.3	26			
5173 / 1 / A / Office area ambient air with filter	11/20/2013	14:31	0.0	21.2	0.0	0.0	0	20s - 40s	None	1023 - 1026
5173 / 1 / A / Office area ambient air without filter		14:31	0.0	21.2	0.0	0.0	0			
5173 / 1 / A / Office area with filter		14:45	0.0	15.5	3.0	0.0	0			
5173 / 1 / A / Office area without filter		14:45	0.0	15.2	3.4	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		14:42	0.0	21.2	0.0	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		14:42	0.0	21.2	0.0	0.0	0			
5173 / 1 / B / Firing Range with filter		14:47	0.0	6.7	8.1	0.0	0			
5173 / 1 / B / Firing Range without filter		14:47	0.0	6.4	9.3	0.0	0			
5173 / 1 / Storage area ambient air, with filter		14:35	0.0	21.1	0.1	0.0	0			
5173 / 1 / Storage area ambient air, without filter		14:35	0.0	21.1	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		14:49	133.9	3.2	4.3	0.9	18			
5173 / 1 / C / Storage area without filter		14:49	133.9	2.8	3.7	1.3	28			
5173 / 1 / A / Office area ambient air with filter	11/26/2013	14:10	0.0	21.1	0.0	0.0	0	30s	Trace (0.01 inches)	1013 - 1019
5173 / 1 / A / Office area ambient air without filter		14:10	0.0	21.1	0.0	0.0	0			
5173 / 1 / A / Office area with filter		14:45	0.0	14.6	4.7	0.0	0			
5173 / 1 / A / Office area without filter		14:45	0.0	14.8	3.8	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		14:15	0.0	20.9	0.1	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		14:15	0.0	21.0	0.1	0.0	0			
5173 / 1 / B / Firing Range with filter		14:51	0.0	6.5	8.8	0.0	0			
5173 / 1 / B / Firing Range without filter		14:51	0.0	6.6	9.1	0.0	0			
5173 / 1 / Storage area ambient air, with filter		13:56	0.0	21.1	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		13:56	0.0	21.2	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		14:57	90.7	2.3	4.2	1.0	19			
5173 / 1 / C / Storage area without filter		14:57	90.7	2.2	3.5	1.3	26			

TABLE 1

VAPOR INTRUSION SAMPLING VALUES
PARCEL 5173 BUILDING 15 - 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*	*Barometric Pressure (hPa)*
5173 / 1 / A / Office area ambient air with filter	12/5/2013	13:33	0.1	21.8	0.0	0.0	0	30s - 40s	0.07 inches	1013 - 1016
5173 / 1 / A / Office area ambient air without filter		13:33	0.1	21.7	0.1	0.0	0			
5173 / 1 / A / Office area with filter		15:07	1.2	14.8	3.6	0.0	0			
5173 / 1 / A / Office area without filter		15:07	1.2	14.8	4.0	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		14:14	0.0	21.4	0.1	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		14:14	0.0	21.5	0.1	0.0	0			
5173 / 1 / B / Firing Range with filter		14:59	1.9	6.6	8.9	0.0	0			
5173 / 1 / B / Firing Range without filter		14:59	1.9	6.6	9.4	0.0	0			
5173 / 1 / Storage area ambient air, with filter		13:25	0.3	21.5	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		13:25	0.3	21.7	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		15:11	189.7	2.8	3.5	0.9	18			
5173 / 1 / C / Storage area without filter		15:11	189.7	2.7	3.5	1.3	26			
5173 / 1 / A / Office area ambient air with filter	12/12/2013	13:59	0.0	21.0	0.1	0.0	0	15 - 20	None	1030 - 1036
5173 / 1 / A / Office area ambient air without filter		13:59	0.0	21.1	0.1	0.0	0			
5173 / 1 / A / Office area with filter		15:52	0.6	18.8	2.5	0.0	0			
5173 / 1 / A / Office area without filter		15:52	0.6	19.2	1.4	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		14:18	0.0	21.2	0.1	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		14:18	0.0	21.3	0.0	0.0	0			
5173 / 1 / B / Firing Range with filter			1.6	6.8	8.3	0.0	0			
5173 / 1 / B / Firing Range without filter			1.6	6.5	9.3	0.0	0			
5173 / 1 / Storage area ambient air, with filter		14:33	0.0	21.5	0.1	0.0	0			
5173 / 1 / Storage area ambient air, without filter		14:33	0.0	21.5	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		15:57	96.2	8.8	2.9	0.3	6			
5173 / 1 / C / Storage area without filter		15:57	96.2	8.7	2.7	0.5	9			
5173 / 1 / A / Office area ambient air with filter	12/19/2013	14:36	0.0	21.6	0.0	0.0	0	30s - 40s	None	1016 - 1018
5173 / 1 / A / Office area ambient air without filter		14:36	0.0	21.5	0.1	0.0	0			
5173 / 1 / A / Office area with filter		15:00	0.6	20.8	0.5	0.0	0			
5173 / 1 / A / Office area without filter		15:00	0.6	20.7	0.6	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		14:39	0.0	21.6	0.0	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		14:39	0.0	21.6	0.0	0.0	0			
5173 / 1 / B / Firing Range with filter		15:05	0.0	9.0	7.8	0.0	0			
5173 / 1 / B / Firing Range without filter		15:05	0.0	9.1	8.3	0.0	0			
5173 / 1 / Storage area ambient air, with filter		14:23	0.0	21.3	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		14:23	0.0	21.3	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		15:08	116.3	11.8	1.3	0.1	1			
5173 / 1 / C / Storage area without filter		15:08	116.3	11.7	1.8	0.2	3			
5173 / 1 / A / Office area ambient air with filter	12/23/2013	12:46	0.0	21.5	0.0	0.0	0	20s - 30s	Trace (0.02 inches)	1026 - 1029
5173 / 1 / A / Office area ambient air without filter		12:46	0.0	21.5	0.0	0.0	0			
5173 / 1 / A / Office area with filter		13:04	0.0	16.4	4.0	0.0	0			
5173 / 1 / A / Office area without filter		13:04	0.0	16.5	2.7	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		12:41	0.0	21.6	0.1	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		12:41	0.0	21.6	0.0	0.0	0			
5173 / 1 / B / Firing Range with filter		13:10	0.4	11.0	7.0	0.0	0			
5173 / 1 / B / Firing Range without filter		13:10	0.4	10.6	8.3	0.0	0			
5173 / 1 / Storage area ambient air, with filter		12:43	0.0	21.6	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		12:43	0.0	21.6	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		13:15	126.8	13.2	2.9	0.2	3			
5173 / 1 / C / Storage area without filter		13:15	126.8	13.4	1.8	0.2	4			
5173 / 1 / A / Office area ambient air with filter	1/2/2014	15:48	0.0	22.0	0.0	0.0	0	20 - 30	5.46 inches	1012 - 1026
5173 / 1 / A / Office area ambient air without filter		15:48	0.0	22.0	0.1	0.0	0			
5173 / 1 / A / Office area with filter		16:25	0.8	21.2	0.2	0.0	0			
5173 / 1 / A / Office area without filter		16:25	0.8	21.1	0.4	0.0	0			
5173 / 1 / B / Firing Range		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		15:42	0.0	21.5	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		15:42	0.0	21.7	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		16:28	86.4	15.0	0.5	0.0	0.1			
5173 / 1 / C / Storage area without filter		16:28	86.4	14.7	1.4	0.1	3			

TABLE 1

VAPOR INTRUSION SAMPLING VALUES
PARCEL 5173 BUILDING 15 - 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*	*Barometric Pressure (hPa)*
5173 / 1 / A / Office area ambient air with filter	1/9/2014	13:35	0.0	21.2	0.0	0.0	0	20s - 30s	1.55 inches	1026 - 1035
5173 / 1 / A / Office area ambient air without filter		13:35	0.0	21.3	0.1	0.0	0			
5173 / 1 / A / Office area with filter		14:56	3.3	20.7	1.8	0.0	0			
5173 / 1 / A / Office area without filter		14:56	3.3	21.0	0.2	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		13:31	0.0	21.2	0.0	0.0	0			
5173 / 1 / B / Firing Range ambient air without filter		13:31	0.0	21.2	0.0	0.0	0			
5173 / 1 / B / Firing Range with filter		Inaccessible due to Firing Range operation								
5173 / 1 / B / Firing Range without filter		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		13:33	0.0	21.1	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		13:33	0.0	21.2	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		15:00	81.4	10.2	0.8	0.1	3			
5173 / 1 / C / Storage area without filter		15:00	81.4	9.8	1.4	0.2	5			
5173 / 1 / A / Office area ambient air with filter	1/16/2014	12:34	0.0	21.1	0.0	0.0	0	20s - 30s	0.97 inches	1008 - 1019
5173 / 1 / A / Office area ambient air without filter		12:34	0.0	21.0	0.0	0.0	0			
5173 / 1 / A / Office area with filter		13:13	2.1	21.0	0.4	0.0	0			
5173 / 1 / A / Office area without filter		13:13	2.1	20.9	0.1	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		12:36	0.0	20.9	0	0	0			
5173 / 1 / B / Firing Range ambient air without filter		12:36	0.0	20.9	0	0	0			
5173 / 1 / B / Firing Range with filter		Inaccessible due to Firing Range operation								
5173 / 1 / B / Firing Range without filter		Inaccessible due to Firing Range operation								
5173 / 1 / Storage area ambient air, with filter		12:37	0.0	20.9	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		12:37	0.0	20.9	0.1	0.0	0			
5173 / 1 / C / Storage area with filter		13:20	96.1	14.7	1.0	0.1	3			
5173 / 1 / C / Storage area without filter		13:20	96.1	14.6	1.5	0.2	4			
5173 / 1 / A / Office area ambient air with filter	1/23/2014	12:13	0.0	21.5	0.0	0.0	0	5 - 15	Trace	1019 - 1038
5173 / 1 / A / Office area ambient air without filter		12:13	0.0	21.5	0.0	0.0	0			
5173 / 1 / A / Office area with filter		13:20	2.6	21.2	0.8	0.0	0			
5173 / 1 / A / Office area without filter		13:20	2.6	21.3	0.1	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		12:10	0.0	21.4	0.1	0	0			
5173 / 1 / B / Firing Range ambient air without filter		12:10	0.0	21.4	0	0	0			
5173 / 1 / B / Firing Range with filter		13:13	3.4	18.8	5.3	0.0	0			
5173 / 1 / B / Firing Range without filter		13:13	3.4	18.7	4.7	0.0	0			
5173 / 1 / Storage area ambient air, with filter		12:12	0.0	21.4	0.1	0.0	0			
5173 / 1 / Storage area ambient air, without filter		12:12	0.0	21.4	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		13:27	72.8	15.8	0.5	0.1	2			
5173 / 1 / C / Storage area without filter		13:27	72.8	15.7	1.2	0.2	4			
5173 / 1 / A / Office area ambient air with filter	1/28/2014	13:35	0.0	21.8	0.1	0.0	0	5	None	1030 - 1033
5173 / 1 / A / Office area ambient air without filter		13:35	0.0	21.8	0.1	0.0	0			
5173 / 1 / A / Office area with filter		14:35	0.0	21.1	0.3	0.0	0			
5173 / 1 / A / Office area without filter		14:35	0.0	21.1	0.1	0.0	0			
5173 / 1 / B / Firing Range ambient air with filter		13:15	0.1	21.3	0	0	0			
5173 / 1 / B / Firing Range ambient air without filter		13:15	0.1	21.4	0	0	0			
5173 / 1 / B / Firing Range with filter		14:44	0.0	18.8	3.5	0.0	0			
5173 / 1 / B / Firing Range without filter		14:44	0.0	18.8	4.2	0.0	0			
5173 / 1 / Storage area ambient air, with filter		13:19	0.0	21.4	0.0	0.0	0			
5173 / 1 / Storage area ambient air, without filter		13:19	0.0	21.5	0.0	0.0	0			
5173 / 1 / C / Storage area with filter		14:50	60.9	15.5	0.7	0.1	1			
5173 / 1 / C / Storage area without filter		14:50	60.9	15.0	1.2	0.2	3			

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
O_2 - Oxygen
CO_2 - Carbon Dioxide
CH_4 - 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).

TABLE 2

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				

TABLE 2

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	2/7/2013	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				
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				

TABLE 2

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	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				
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				

TABLE 2

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	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				
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				

TABLE 2

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	8/22/2013	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				

TABLE 2

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	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
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

TABLE 2

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	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
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				

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.

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)

TABLE 3

2013 SOIL GAS PROBE FIELD MONITORING VALUES
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:	*Date:*	*Time*	*PID (ppm)*	*O_2 (%)*	*CO_2 (%)*	*CH_4 (%)*	*LEL (%)*	*Ambient Temperature (°F)*	*Summary of Recent Precipitation*
GP22-13 (20') without filter	7/11/2013	14:55	0.1	8.4	3.4	0.0	0	60s - 70s	None
GP22-13 (20') with filter		14:55	0.1	8.4	3.6	0.0	0		
GP23-13 (18.5') without filter		15:01	0.9	15.6	3.2	0.0	0		
GP23-13 (18.5') with filter		15:01	0.9	15.0	2.1	0.0	0		
GP24A-13 (20') without filter		15:05	1.4	10.1	7.2	0.0	0		
GP24A-13 (20') without filter		15:05	1.4	8.6	7.5	0.0	0		
GP24B-13 (4.5') without filter		15:10	0.3	11.5	6.1	0.0	0		
GP24B-13 (4.5') with filter		15:10	0.3	11.4	5.9	0.0	0		
GP-7 (8') without filter	7/18/2013	15:31	0.0	16.2	3.0	0.0	0	70s - 90s	None
GP-7 (8') with filter		15:31	0.0	16.1	3.2	0.0	0		
GP-7 (12') without filter		15:31	0.0	13.0	5.0	0.0	0		
GP-7 (12') with filter		15:31	0.0	13.4	4.8	0.0	0		
GP12-09 (6') without filter		15:25	0.1	0.9	10.2	0.5	12		
GP12-09 (6') with filter		15:25	0.1	1.2	11.3	0.6	12		
GP22-13 (20') without filter		14:45	0.3	14.5	1.0	0.0	0		
GP22-13 (20') with filter		14:45	0.3	14.6	1.3	0.1	1		
GP23-13 (18.5') without filter		14:51	0.0	12.2	5.3	0.0	0		
GP23-13 (18.5') with filter		14:51	0.0	12.4	6.0	0.1	1		
GP24A-13 (20') without filter		14:57	0.6	14.4	4.2	0.0	0		
GP24A-13 (20') without filter		14:57	0.6	14.2	4.8	0.0	0		
GP24B-13 (4.5') without filter		15:02	0.0	14.1	4.9	0.0	0		
GP24B-13 (4.5') with filter		15:02	0.0	16.8	3.1	0.0	0		
GP-7 (8') with filter	7/25/2013	14:24	0.0	16.8	3.4	0.0	0	50s - 70s	None
GP-7 (8') without filter		14:24	0.0	16.7	3.2	0.0	0		
GP-7 (12') with filter		14:24	0.0	13.2	5.7	0.0	0		
GP-7 (12') without filter		14:24	0.0	13.2	6.1	0.0	0		
GP-7 (16') with filter		14:24	0.0	10.4	6.6	0.0	0		
GP-7 (16') without filter		14:24	0.0	10.4	6.8	0.0	0		
GP12-09 (6') with filter		14:37	0.6	18.0	3.9	0.0	0		
GP12-09 (6') without filter		14:37	0.6	18.0	4.2	0.0	0		
GP23-13 (18.5') with filter		14:42	0.0	14.1	4.8	0.0	0		
GP23-13 (18.5') without filter		14:42	0.0	14.2	4.6	0.0	0		
GP23-13 (18.5') without filter	8/1/2013	14:11	0.0	12.4	5.9	0.0	0	60s - 80s	None
GP23-13 (18.5') with filter		14:11	0.0	12.1	5.4	0.0	0		
GP-7 (8') without filter		14:17	0.0	16.7	3.1	0.0	0		
GP-7 (8') with filter		14:17	0.0	16.4	3.0	0.0	0		
GP-7 (12') without filter		14:17	0.0	13.2	4.7	0.0	0		
GP-7 (12') with filter		14:17	0.0	13.4	4.9	0.0	0		
GP-7 (16') without filter		14:17	0.0	11.4	6.0	0.0	0		
GP-7 (16') with filter		14:17	0.0	11.1	6.1	0.0	0		
GP12-09 (6') without filter		14:30	0.1	7.8	7.3	0.3	6		
GP12-09 (6') with filter		14:30	0.1	8.3	7.8	0.2	4		

TABLE 3

2013 SOIL GAS PROBE FIELD MONITORING VALUES
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:	*Date:*	*Time*	*PID (ppm)*	*O_2 (%)*	*CO_2 (%)*	*CH_4 (%)*	*LEL (%)*	*Ambient Temperature (°F)*	*Summary of Recent Precipitation*
GP23-13 (18.5') without filter	8/6/2013	13:56	0.1	12.6	5.4	0.0	0	60s - 80s	None
GP23-13 (18.5') with filter		13:56	0.1	10.4	5.8	0.0	0		
GP-7 (8') without filter		13:40	0.0	16.4	4.7	0.0	0		
GP-7 (8') with filter		13:40	0.0	16.1	4.5	0.0	0		
GP-7 (12') without filter		13:40	0.0	13.1	5.4	0.0	0		
GP-7 (12') with filter		13:40	0.0	13.4	4.9	0.0	0		
GP-7 (16') without filter		13:40	0.0	10.5	6.1	0.0	0		
GP-7 (16') with filter		13:40	0.0	10.6	6.7	0.0	0		
GP12-09 (6') without filter		14:01	0.3	8.7	6.4	0.0	0		
GP12-09 (6') with filter		14:01	0.3	8.9	6.7	0.0	0		
GP12-09 (6') without filter	8/15/2013	13:05	0.0	20.2	1.3	0.0	0	40s - 70s	None
GP12-09 (6') with filter		13:05	0.0	19.8	1.4	0.0	0		
GP23-13 (18.5') without filter		13:11	0.0	11.1	6.7	0.0	0		
GP23-13 (18.5') with filter		13:11	0.0	9.4	6.7	0.0	0		
GP-7 (8') without filter		13:17	0.0	12.8	5.9	0.0	0		
GP-7 (8') with filter		13:17	0.0	14.5	4.6	0.0	0		
GP-7 (12') without filter		13:17	0.0	13.0	4.9	0.0	0		
GP-7 (12') with filter		13:17	0.0	13.4	4.7	0.0	0		
GP-7 (16') without filter		13:17	0.0	9.3	7.6	0.0	0		
GP-7 (16') with filter		13:17	0.0	9.1	6.8	0.0	0		
GP12-09 (6') without filter	8/22/2013	14:21	0.0	0.9	12.0	0.0	0	60s - 80s	Trace (0.06 in.)
GP12-09 (6') with filter		14:21	0.0	0.9	11.6	0.0	0		
GP23-13 (18.5') without filter		14:15	0.0	10.4	6.9	0.0	0		
GP23-13 (18.5') with filter		14:15	0.0	10.6	6.1	0.0	0		
GP-7 (8') without filter		14:26	0.0	10.4	7.0	0.0	0		
GP-7 (8') with filter		14:26	0.0	10.2	6.4	0.0	0		
GP-7 (12') without filter		14:26	0.0	9.5	7.4	0.0	0		
GP-7 (12') with filter		14:26	0.0	9.2	7.2	0.0	0		
GP-7 (16') without filter		14:26	0.0	8.2	7.9	0.0	0		
GP-7 (16') with filter		14:26	0.0	8.4	7.7	0.0	0		
GP12-09 (6') without filter	8/27/2013	13:55	0.3	1.6	11.9	0.0	0	70s - 80s	None
GP12-09 (6') with filter		13:55	0.3	1.5	11.2	0.0	0		
GP23-13 (18.5') without filter		14:01	0.1	10.5	7.5	0.0	0		
GP23-13 (18.5') with filter		14:01	0.1	8.6	8.2	0.0	0		
GP-7 (8') without filter		14:05	0.0	11.1	7.1	0.0	0		
GP-7 (8') with filter		14:05	0.0	10.4	7.3	0.0	0		
GP-7 (12') without filter		14:05	0.1	9.8	7.6	0.0	0		
GP-7 (12') with filter		14:05	0.1	9.2	7.6	0.0	0		
GP-7 (16') without filter		14:05	0.1	8.9	7.8	0.0	0		
GP-7 (16') with filter		14:05	0.1	8.9	7.5	0.0	0		

TABLE 3

2013 SOIL GAS PROBE FIELD MONITORING VALUES
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:	*Date:*	*Time*	*PID (ppm)*	*O_2 (%)*	*CO_2 (%)*	*CH_4 (%)*	*LEL (%)*	*Ambient Temperature (°F)*	*Summary of Recent Precipitation*
GP12-09 (6') without filter	9/5/2013	-	0.0	17.9	3.1	0.1	1	50s - 80s	None
GP12-09 (6') with filter		-	0.0	17.5	3.7	0.0	0		
GP23-13 (18.5') without filter		-	0.3	11.3	7.0	0.0	0		
GP23-13 (18.5') with filter		-	0.3	11.7	5.5	0.0	0		
GP-7 (8') without filter		-	0.0	11.0	7.2	0.0	0		
GP-7 (8') with filter		-	0.0	11.3	5.6	0.0	0		
GP-7 (12') without filter		-	0.0	10.3	7.5	0.0	0		
GP-7 (12') with filter		-	0.0	10.6	6.4	0.0	0		
GP-7 (16') without filter		-	0.0	8.4	8.6	0.0	0		
GP-7 (16') with filter		-	0.0	8.4	7.8	0.0	0		
GP23-13 (18.5') without filter	9/12/2013	17:45	0.0	10.4	8.1	0.1	2	60-80s	0.29 inches
GP23-13 (18.5') with filter		17:45	0.0	10.7	6.4	0.1	2		
GP-7 (8') without filter		--	0.0	10.9	7.6	0.0	0		
GP-7 (8') with filter		--	0.0	10.8	7.7	0.0	0		
GP-7 (12') without filter		--	0.1	8.3	9.3	0.0	0		
GP-7 (12') with filter		--	0.1	8.2	9.3	0.0	0		
GP-7 (16') without filter		--	--	7.8	9.3	0.0	0		
GP-7 (16') with filter		--	--	7.9	8.7	0.0	0		
GP-7 (8') without filter	10/17/2013	14:18	0.0	11.5	7.1	0.0	0	40s - 50s	0.1 inches
GP-7 (8') with filter		14:18	0.0	13.5	5.1	0.0	0		
GP-7 (12') without filter		14:23	0.0	11.3	7.0	0.0	0		
GP-7 (12') with filter		14:23	0.0	9.3	8.4	0.0	0		
GP-7 (16') without filter		14:27	0.0	7.9	10.0	0.0	0		
GP-7 (16') with filter		14:27	0.0	8.4	9.3	0.0	0		
GP12-09 (6') without filter		14:14	0.0	17.4	2.4	0.0	0		
GP12-09 (6') with filter		14:14	0.0	17.6	1.5	0.0	0		
GP22-13 (20') without filter		14:31	0.0	0.5	9.7	0.0	0		
GP22-13 (20') with filter		14:31	0.0	1.0	8.9	0.0	0		
GP23-13 (18.5') without filter		14:35	0.0	8.7	10.0	0.0	0		
GP23-13 (18.5') with filter		14:35	0.0	8.2	10.0	0.0	0		
GP24A-13 (20') without filter		14:38	0.0	8.1	10.4	0.0	0		
GP24A-13 (20') without filter		14:38	0.0	10.8	7.9	0.0	0		
GP24B-13 (4.5') without filter		14:42	0.0	11.4	7.2	0.0	0		
GP24B-13 (4.5') with filter		14:42	11.8	5.9	0.0	0.0	0		
GP-7 (8') without filter	11/12/2013	13:00	0.0	14.4	5.5	0.0	0	20s - 30s	Trace (0.05 inches)
GP-7 (8') with filter		13:00	0.0	15.5	4.3	0.0	0		
GP-7 (12') without filter		13:06	0.0	13.7	6.0	0.0	0		
GP-7 (12') with filter		13:06	0.0	13.8	5.5	0.0	0		
GP-7 (16') without filter		13:13	0.0	10.6	8.6	0.0	0		
GP-7 (16') with filter		13:13	0.0	11.7	6.7	0.0	0		
GP12-09 (6') without filter		13:19	0.0	16.1	2.7	0.0	0		
GP12-09 (6') with filter		13:19	0.0	16.8	1.9	0.0	0		
GP23-13 (18.5') without filter		13:25	0.0	10.3	8.2	0.0	0		
GP23-13 (18.5') with filter		13:25	0.0	10.1	7.6	0.0	0		

TABLE 3

2013 SOIL GAS PROBE FIELD MONITORING VALUES
SOUTH DAYTON DUMP AND LANDFILL SITE
MORAINE, OHIO

Sample Location:	*Date:*	*Time*	*PID (ppm)*	*O_2 (%)*	*CO_2 (%)*	*CH_4 (%)*	*LEL (%)*	*Ambient Temperature (°F)*	*Summary of Recent Precipitation*
GP-7	12/19/2013	Buried Under Snow & Ice						30s - 40s	None
GP12-09 (6') without filter		14:54	0.0	19.9	0.8	0.0	0		
GP12-09 (6') with filter		14:54	0.0	19.0	0.4	0.0	0		
GP23-13 (18.5') without filter		14:57	0.0	12.1	8.3	0.0	0		
GP23-13 (18.5') with filter		14:57	0.0	12.4	7.0	0.0	0		
GP-7 (8') without filter	1/9/2014	14:25	0.0	18.5	2.7	0.0	0	20s - 30s	1.55 inches
GP-7 (8') with filter		14:25	0.0	19.0	1.2	0.0	0		
GP-7 (12') without filter		14:30	0.0	18.2	2.8	0.0	0		
GP-7 (12') with filter		14:30	0.0	18.4	1.6	0.0	0		
GP-7 (16') without filter		14:.36	0.0	16.2	4.9	0.0	0		
GP-7 (16') with filter		14:36	0.0	16.7	3.9	0.0	0		
GP12-09 (6') without filter		14:20	0.0	12.9	3.6	0.0	0		
GP12-09 (6') with filter		14:20	0.0	12.6	2.9	0.0	0		
GP22-13 (20') without filter		14:00	0.0	8.5	6.3	0.0	0		
GP22-13 (20') with filter		14:00	0.0	15.8	2.5	0.0	0		
GP23-13 (18.5') without filter		14:05	0.0	14.2	6.1	0.0	0		
GP23-13 (18.5') with filter		14:05	0.0	16.8	3.2	0.0	0		
GP24A-13 (20') without filter		14:11	0.0	14.3	5.4	0.0	0		
GP24A-13 (20') with filter		14:11	0.0	17.7	2.8	0.0	0		
GP24B-13 (4.5') without filter		14:16	0.1	16.5	3.1	0.0	0		
GP24B-13 (4.5') with filter		14:16	0.1	15.5	2.7	0.0	0		

Notes

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)