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& ASSOCIATES

8615 W. Bryn Mawr Avenue, Chicago, IL 60631-3501
Telephone: (773) 380-9933 Fax: (773) 380-6421
www.CRAworld.com

November 7, 2013 Reference No. 038443-12

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

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: October 1 through 31, 2013
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 October 1 through 31, 2013.

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

SIGNIFICANT DEVELOPMENTS IN THIS REPORTING PERIOD

RI/FS ASAOC Developments

On October 3, 2013, CRA collected a water sample from the pumping well located at 2447 East River Road.

On October 17, 2013, USEPA, Ohio EPA, CH2M Hill, the Respondents, and CRA participated in a conference call regarding the status of the OU2 RI/FS. USEPA and CRA agreed that

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individual media-specific work plans would be submitted following USEPA-approval of the OU2 RI/FS Work Plan. Ohio EPA provided notification regarding Site preparations for the dive in the Quarry Pond, scheduled for October 23, 2013. The dive itself will be scheduled at a later date. Next steps included a conference call between USEPA and the Respondents to discuss access refusal by Jim City property owners, and Ohio EPA follow-up with Ohio Division of Materials and Waste Management regarding the tires leading to the Quarry Pond from the Jim City property.

On October 22, 2013, USEPA and the Respondents had a conference call to discuss the access issues associated with the Jim City property, Parcels 3753 and 4423. USEPA agreed to contact the owners of the Jim City property to discuss the access issues.

On October 30, 2013, USEPA issued comments on the proposal for monitoring well and vertical aquifer sampling locations for Phase 1B and 2A, dated September 20, 2013.

On October 31, 2013, USEPA, Ohio EPA, CH2M Hill, the Respondents, and CRA participated in a conference call regarding the status of the OU2 RI/FS, Phase 1A summary, and proposal for Phase 1B and 2A investigative locations.

Removal Action ASAOC Developments

On October 3, 10, 17, 24, and 31, 2013, USEPA, Ohio EPA, the USEPA START contractor, and the Respondents participated in conference calls regarding the status of vapor intrusion (VI) mitigation.

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

- Receipt of approval from the property management company and tenant for sub-slab depressurization system (SSDS) changes at B&G Trucking Building 8.
- USEPA's goal is to have buildings remediated to the extent that indoor air and sub-slab soil vapor sample concentrations are less than screening levels.
- Request from the property owner representatives and property management company that proof of successful SSDS operation for Building 12 (Overstreet Painting and S&J Precision) be provided before access would be granted to additional buildings for completion of mitigation.
- Methane field readings from USEPA probe GP-2 and SIM Trainer Building 15.

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- Based on methane field screening completed to date, a landfill gas perimeter system is not required.
- Preparation of a VI Mitigation Work Plan addendum addressing hybrid proficiency sampling.

On October 23, 2013, CRA provided USEPA, Ohio EPA, CSS-Dynamac, and the Respondents with post-installation radius of influence vacuum readings for B&G Trucking Building 9 and Building 12 (Overstreet Painting and S&J Precision), measured on October 11, 2013. CRA proposed to complete regular (i.e., indoor air only) proficiency sampling for B&G Trucking Building 9 and hybrid proficiency samples for Building 12 (Overstreet Painting and S&J Precision), based on the vacuum readings.

On October 24, 2013, CRA and CSS-Dynamac completed proficiency sampling at B&G Trucking Building 9, and hybrid proficiency sampling at Building 12 (Overstreet Painting and S&J Precision).

On October 23, 2013, CRA provided USEPA and CSS-Dynamac with a draft letter that summarized the 30-day hybrid proficiency sample results for Globe Equipment Building 24. On October 24, 2013, USEPA approved the letter, and CRA issued the final letter to Globe Equipment by electronic mail (e-mail), and hard-copy.

On October 28, 2013, CRA provided Globe Equipment, USEPA, Ohio EPA, Ohio Department of Health, and the Respondents with an electronic copy of the Operation, Maintenance, and Monitoring (OM&M) Plan for the SSDS installed at Globe Equipment Building 24, located at 2215 East River Road.

On October 24, 2013, Ohio-licensed radon contractor, Environmental Doctor, received a City of Moraine Electrical Permit for 2015 Dryden Road, Overstreet Painting Building 12.

The Respondents completed weekly field screening measurements [methane (CH_4), carbon dioxide (CO_2), oxygen (O_2), LEL, and photo-ionization detector (PID)] from SIM Trainer Parcel 5173 Building 15, at 2031 Dryden Road in August. The field screening values for SIM Trainer Building 15 are provided in Table 1. Table 2 presents field screening values measured by the Respondents in USEPA soil gas probe GP-2. Table 3 presents field screening values for soil gas probes located on the western side of Dryden Road, on the Site, across from GP-2.

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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 install an intrinsically safe SSDS at SIM Trainer Building 15, located at 2031 Dryden Road, and implement system changes to the system at B&G Trucking Building 8, located at 1951 Dryden Road.
- The Respondents will submit the following to USEPA:
  - Wetland Delineation Summary Report
  - Individual OU2 Work Plans
  - QAPP update and revision

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November 7, 2013 Reference No. 038443-12

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/11
Encl.

cc: (all by pdf)
Paul Jack, Castle Bay
Tim Hoffman, Dinsmore & Shohl
Robin Lunn, Neal, Gerber & Eisenberg
Bryan Heath, NCR
Scott Blackhurst, Kelsey Hayes Company
Wray Blattner, Thompson Hine
John Sherrard, Dynamac Corporation
Madelyn Smith, Ohio EPA
Brett Fishwild, CH2M Hill
Ken Brown, ITW
Jim Campbell, EMI
Karen Mignone, Verrill Dana
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			

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

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

TABLE 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	10/25/2012	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			
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			

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

TABLE 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	1/3/2013	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	2/21/2013	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	2/28/2013	13:03	0.0	21.1	0.1	0.0	0	30s - 40s	~1 inch	
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	3/7/2013	14:00	0.4	21.2	0.1	0.0	0	30s	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			

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	3/14/2013	13:04	0.0	21.1	0.1	0.0	0	20s - 40s	None	
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			
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			

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	4/18/2013	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			
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			

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	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			
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			

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	6/27/2013	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			
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			

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	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			

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

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		

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)