

Table 1  
Soil Gas Analytical Results Summary  
Madison-Kipp Corporation  
Madison, Wisconsin

Sample Location Sample Date	Deep Soil Gas		VP-1N	VP-1N	VP-1N	VP-1N	VP-1N	VP-1N	VP-1N
	Non-Res. <sup>1,2</sup>	Res. <sup>1,2</sup>	9/17/2009	10/26/2012	7/15/2013	1/29/2014	7/22/2014	7/22/2015	7/20/2016
<b>VOC</b>									
cis-1,2-Dichloroethene	NE	NE	--	0.52	2.6	< 0.14	< 0.17	< 0.16	11
trans-1,2-Dichloroethene	NE	NE	--	< 0.36	< 0.26	< 0.14	< 0.17	< 0.16	< 0.13
1,2-Dichloroethene	NE	NE	< 20	0.52	2.6	< 0.14	< 0.17	NA	NA
Tetrachloroethene	27,000	620	160	65	76	< 0.14	1.8	0.29	31
Trichloroethene	1,600	39	< 10	0.52	1.1	< 0.14	< 0.17	< 0.16	13
Vinyl chloride	11,000	65	--	< 0.36	< 0.26	< 0.14	< 0.17	< 0.16	< 0.19

**Footnotes:**

1 = VALs in accordance with *Addressing Vapor Intrusion at Remediation and Redevelopment Sites in Wisconsin*, <http://dnr.wi.gov/files/PDF/pubs/rr/RR800.pdf>

2 = Non-Res. Deep Soil Gas VAL used 0.001 AF; Res. Deep Soil Gas VAL used 0.01 AF

**Notes:**

All concentrations presented in this table are reported in parts per billion by volume (ppbv) unless otherwise noted.

Res./Non-Res. VAL provided for comparison purposes.

VP-3 through VP-6 compared to Non-Res. Deep Soil Gas VAL due to probe location (large commercial/industrial building, >5 feet below nearest building foundation).

100	= exceeds Wisconsin Res. Deep Soil Gas VAL with 0.01 AF
100	= exceeds Wisconsin Non-Res. Deep Soil Gas VAL with 0.001 AF

<= constituent not detected above noted laboratory method detection limit

> = greater than

-- = not designated

\*D = limit of detection not achievable due to dilution

\*IS = the internal standard quality control limit is exceeded

AF = Attenuation Factor

NE = Criteria Not Established

NA = Not Analyzed

DUP = Duplicate sample collected

Res. = Residential

VAL = Vapor Action Level

VOCs = Volatile Organic Compounds

Table 1  
Soil Gas Analytical Results Summary  
Madison-Kipp Corporation  
Madison, Wisconsin

Sample Location Sample Date	Deep Soil Gas		VP-1S	VP-1S	VP-1S	VP-1S	VP-1S	VP-1S	VP-1S
	Non-Res. <sup>1,2</sup>	Res. <sup>1,2</sup>	9/17/2009	10/26/2012	7/15/2013	1/29/2014	7/22/2014	7/22/2015	7/20/2016
<b>VOC</b>									
cis-1,2-Dichloroethene	NE	NE	--	< 0.15	0.26	< 0.14	0.19	< 0.14	7.6
trans-1,2-Dichloroethene	NE	NE	--	< 0.15	< 0.16	< 0.14	< 0.16	< 0.14	< 0.14
1,2-Dichloroethene	NE	NE	341	< 0.15	0.26	< 0.14	0.19	NA	NA
Tetrachloroethene	27,000	620	1,400	4.8	33	0.9	4.7	< 0.14	31
Trichloroethene	1,600	39	260	0.15	0.44	< 0.14	0.21	< 0.14	8.2
Vinyl chloride	11,000	65	--	< 0.15	< 0.16	< 0.14	< 0.16	< 0.014	< 0.21

**Footnotes:**

1 = VALs in accordance with *Addressing Vapor Intrusion at Remediation and Redevelopment Sites in Wisconsin*, <http://dnr.wi.gov/files/PDF/pubs/rr/RR800.pdf>

2 = Non-Res. Deep Soil Gas VAL used 0.001 AF; Res. Deep Soil Gas VAL used 0.01 AF

**Notes:**

All concentrations presented in this table are reported in parts per billion by volume (ppbv) unless otherwise noted.

Res./Non-Res. VAL provided for comparison purposes.

VP-3 through VP-6 compared to Non-Res. Deep Soil Gas VAL due to probe location (large commercial/industrial building, >5 feet below nearest building foundation).

100	= exceeds Wisconsin Res. Deep Soil Gas VAL with 0.01 AF
100	= exceeds Wisconsin Non-Res. Deep Soil Gas VAL with 0.001 AF

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\*D = limit of detection not achievable due to dilution

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Table 1  
Soil Gas Analytical Results Summary  
Madison-Kipp Corporation  
Madison, Wisconsin

Sample Location Sample Date	Deep Soil Gas		VP-2N	VP-2N	VP-2N	VP-2N	VP-2N	VP-2N	VP-2N
	Non-Res. <sup>1,2</sup>	Res. <sup>1,2</sup>	9/17/2009	10/26/2012	7/15/2013	1/29/2014	7/22/2014	7/22/2015	7/20/2016
<b>VOC</b>									
cis-1,2-Dichloroethene	NE	NE	NA	< 0.93	2.5	< 0.14	< 0.18	< 0.16	7.8
trans-1,2-Dichloroethene	NE	NE	NA	< 0.93	< 0.39	< 0.14	< 0.18	< 0.16	< 0.14
1,2-Dichloroethene	NE	NE	500	< 0.93	2.5	< 0.14	< 0.18	NA	NA
Tetrachloroethene	27,000	620	1,300	160	110	< 0.14	1.5	< 0.16	20
Trichloroethene	1,600	39	370	< 0.93	1.4	< 0.14	< 0.18	< 0.16	8.2
Vinyl chloride	11,000	65	NA	< 0.93	< 0.39	< 0.14	< 0.18	< 0.016	< 0.21

**Footnotes:**

1 = VALs in accordance with *Addressing Vapor Intrusion at Remediation and Redevelopment Sites in Wisconsin*, <http://dnr.wi.gov/files/PDF/pubs/rr/RR800.pdf>

2 = Non-Res. Deep Soil Gas VAL used 0.001 AF; Res. Deep Soil Gas VAL used 0.01 AF

**Notes:**

All concentrations presented in this table are reported in parts per billion by volume (ppbv) unless otherwise noted.

Res./Non-Res. VAL provided for comparison purposes.

VP-3 through VP-6 compared to Non-Res. Deep Soil Gas VAL due to probe location (large commercial/industrial building, >5 feet below nearest building foundation).

100	= exceeds Wisconsin Res. Deep Soil Gas VAL with 0.01 AF
100	= exceeds Wisconsin Non-Res. Deep Soil Gas VAL with 0.001 AF

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Table 1  
Soil Gas Analytical Results Summary  
Madison-Kipp Corporation  
Madison, Wisconsin

Sample Location Sample Date	Deep Soil Gas		VP-2S	VP-2S	VP-2S	VP-2S	VP-2S	VP-2S
	Non-Res. <sup>1,2</sup>	Res. <sup>1,2</sup>	9/17/2009	10/26/2012	7/15/2013	1/29/2014	7/22/2014	7/22/2015
<b>VOC</b>								
cis-1,2-Dichloroethene	NE	NE	--	< 0.14	0.54	0.36	0.19	2.6
trans-1,2-Dichloroethene	NE	NE	--	< 0.14	< 0.31	< 0.14	< 0.15	0.32
1,2-Dichloroethene	NE	NE	332	< 0.14	0.54	NA	0.19	NA
Tetrachloroethene	27,000	620	1,100	12	86	44	2.0	44
Trichloroethene	1,600	39	240	< 0.14	0.38	0.22	< 0.15	1.4
Vinyl chloride	11,000	65	--	< 0.14	< 0.31	< 0.14	< 0.15	< 0.017

**Footnotes:**

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 2 = Non-Res. Deep Soil Gas VAL used 0.001 AF; Res. Deep Soil Gas VAL used 0.01 AF

**Notes:**

All concentrations presented in this table are reported in parts per billion by volume (ppbv) unless otherwise noted.  
 Res./Non-Res. VAL provided for comparison purposes.  
 VP-3 through VP-6 compared to Non-Res. Deep Soil Gas VAL due to probe location (large commercial/industrial building, >5 feet below nearest building foundation).

100	= exceeds Wisconsin Res. Deep Soil Gas VAL with 0.01 AF
100	= exceeds Wisconsin Non-Res. Deep Soil Gas VAL with 0.001 AF

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Soil Gas Analytical Results Summary  
Madison-Kipp Corporation  
Madison, Wisconsin

Sample Location Sample Date	Deep Soil Gas		VP-3	VP-3	VP-3 (DUP)	VP-3	VP-4	VP-4	VP-4	VP-4
	Non-Res. <sup>1,2</sup>	Res. <sup>1,2</sup>	3/30/2012	10/26/2012	10/26/2012	7/22/2014	3/30/2012	10/26/2012	7/23/2014	7/24/2015
<b>VOC</b>										
cis-1,2-Dichloroethene	NE	NE	0.60	< 0.16	< 0.15	0.58	< 0.15	< 0.15	0.27	0.18 J
trans-1,2-Dichloroethene	NE	NE	< 0.17	< 0.16	< 0.15	< 0.17	< 0.15	< 0.15	< 0.16	< 0.18
1,2-Dichloroethene	NE	NE	0.6	< 0.16	< 0.15	0.58	< 0.15	< 0.15	0.27	NA
Tetrachloroethene	27,000	620	18	3.2	3.8	25	0.68	0.20	< 0.16	0.19
Trichloroethene	1,600	39	2.0	0.36	0.44	3.6	< 0.15	< 0.15	< 0.16	0.29
Vinyl chloride	11,000	65	< 0.17	< 0.16	< 0.15	< 0.17	< 0.15	< 0.15	< 0.16	< 0.018

**Footnotes:**

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**Notes:**

All concentrations presented in this table are reported in parts per billion by volume (ppbv) unless otherwise noted.

Res./Non-Res. VAL provided for comparison purposes.

VP-3 through VP-6 compared to Non-Res. Deep Soil Gas VAL due to probe location (large commercial/industrial building, >5 feet below nearest building foundation).

100	= exceeds Wisconsin Res. Deep Soil Gas VAL with 0.01 AF
100	= exceeds Wisconsin Non-Res. Deep Soil Gas VAL with 0.001 AF

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Table 1  
Soil Gas Analytical Results Summary  
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Madison, Wisconsin

Sample Location Sample Date	Deep Soil Gas		VP-5	VP-5	VP-5	VP-6	VP-6	VP-6	VP-6	VP-6	VP-6	VP-6
	Non-Res. <sup>1,2</sup>	Res. <sup>1,2</sup>	3/30/2012	10/26/2012	7/22/2014	3/30/2012	10/26/2012	4/29/2013	1/29/2014	7/22/2014	7/22/2015	7/20/2016
<b>VOC</b>												
cis-1,2-Dichloroethene	NE	NE	1.1	26	2.6	28	190	2100	310	1.0	780	< 0.23
trans-1,2-Dichloroethene	NE	NE	< 0.15	0.38	< 0.17	1.7	5.8	82	16	< 0.16	58	< 0.14
1,2-Dichloroethene	NE	NE	1.1	26.38	2.6	29.7	195.8	2182	326	1	NA	NA
Tetrachloroethene	27,000	620	2.1	27	0.59	63	190	2,900	550	< 0.16	470	280
Trichloroethene	1,600	39	1.1	22	2.4	20	72	1,100	240	0.34	700	19
Vinyl chloride	11,000	65	< 0.15	1.2	0.38	53	23	130	28	< 0.16	30	< 0.20

**Footnotes:**

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2 = Non-Res. Deep Soil Gas VAL used 0.001 AF; Res. Deep Soil Gas VAL used 0.01 AF

**Notes:**

All concentrations presented in this table are reported in parts per billion by volume (ppbv) unless otherwise noted.

Res./Non-Res. VAL provided for comparison purposes.

VP-3 through VP-6 compared to Non-Res. Deep Soil Gas VAL due to probe location (large commercial/industrial building, >5 feet below nearest building foundation).

100	= exceeds Wisconsin Res. Deep Soil Gas VAL with 0.01 AF
100	= exceeds Wisconsin Non-Res. Deep Soil Gas VAL with 0.001 AF

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Table 1  
Soil Gas Analytical Results Summary  
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Madison, Wisconsin

Sample Location Sample Date	Deep Soil Gas		VP-102	VP-102	VP-102	VP-102	VP-102	VP-102
	Non-Res. <sup>1,2</sup>	Res. <sup>1,2</sup>	11/25/2011	10/24/2012	1/29/2014	7/23/2014	7/22/2015	7/20/2016
<b>VOC</b>								
cis-1,2-Dichloroethene	NE	NE	1,940 *IS	45	0.56	< 0.16	0.24	< 0.46
trans-1,2-Dichloroethene	NE	NE	< 400 *IS*D	< 3.4	< 0.14	< 0.16	< 0.17	< 0.28
1,2-Dichloroethene	NE	NE	1,940	45	0.56	< 0.16	NA	NA
Tetrachloroethene	27,000	620	4,620 *IS	1,200	2	0.17	< 0.17	400
Trichloroethene	1,600	39	1,770 *IS	240	1.2	< 0.16	0.17	56
Vinyl chloride	11,000	65	< 400 *IS*D	< 3.4	< 0.14	< 0.16	< 0.017	< 0.42

**Footnotes:**

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2 = Non-Res. Deep Soil Gas VAL used 0.001 AF; Res. Deep Soil Gas VAL used 0.01 AF

**Notes:**

All concentrations presented in this table are reported in parts per billion by volume (ppbv) unless otherwise noted.

Res./Non-Res. VAL provided for comparison purposes.

VP-3 through VP-6 compared to Non-Res. Deep Soil Gas VAL due to probe location (large commercial/industrial building, >5 feet below nearest building foundation).

100	= exceeds Wisconsin Res. Deep Soil Gas VAL with 0.01 AF
100	= exceeds Wisconsin Non-Res. Deep Soil Gas VAL with 0.001 AF

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Table 1  
Soil Gas Analytical Results Summary  
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Madison, Wisconsin

Sample Location Sample Date	Deep Soil Gas		VP-114	VP-114	VP-114	VP-114	VP-114
	Non-Res. <sup>1,2</sup>	Res. <sup>1,2</sup>	11/25/2011	10/24/2012	7/15/2013	1/29/2014	7/23/2014
<b>VOC</b>							
cis-1,2-Dichloroethene	NE	NE	< 400 *IS*D	< 0.16	< 0.15	< 0.14	< 0.16
trans-1,2-Dichloroethene	NE	NE	< 400 *IS*D	< 0.16	< 0.15	< 0.14	< 0.16
1,2-Dichloroethene	NE	NE	< 400	< 0.16	< 0.15	< 0.14	< 0.16
Tetrachloroethene	27,000	620	2,540 *IS	10	24	< 0.14	2.9
Trichloroethene	1,600	39	< 400 *IS*D	< 0.16	< 0.15	< 0.14	< 0.16
Vinyl chloride	11,000	65	< 400 *IS*D	< 0.16	< 0.15	< 0.14	< 0.16

**Footnotes:**

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2 = Non-Res. Deep Soil Gas VAL used 0.001 AF; Res. Deep Soil Gas VAL used 0.01 AF

**Notes:**

All concentrations presented in this table are reported in parts per billion by volume (ppbv) unless otherwise noted.  
Res./Non-Res. VAL provided for comparison purposes.

VP-3 through VP-6 compared to Non-Res. Deep Soil Gas VAL due to probe location (large commercial/industrial building, >5 feet below nearest building found)

100	= exceeds Wisconsin Res. Deep Soil Gas VAL with 0.01 AF
100	= exceeds Wisconsin Non-Res. Deep Soil Gas VAL with 0.001 AF

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Table 1  
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Madison-Kipp Corporation  
Madison, Wisconsin

Sample Location Sample Date	Deep Soil Gas		VP-126	VP-126	VP-126	VP-126	VP-126	VP-126	VP-126	VP-126 (DUP)
	Non-Res. <sup>1,2</sup>	Res. <sup>1,2</sup>	11/25/2011	10/24/2012	7/15/2013	1/29/2014	7/23/2014	7/24/2015	7/20/2016	7/20/2016
<b>VOC</b>										
cis-1,2-Dichloroethene	NE	NE	< 200 *D	< 0.16	< 0.16	< 0.14	< 0.17	< 0.17	< 0.22	< 0.24
trans-1,2-Dichloroethene	NE	NE	< 200 *D	< 0.16	< 0.16	< 0.14	< 0.17	< 0.17	< 0.13	< 0.14
1,2-Dichloroethene	NE	NE	< 200	< 0.16	< 0.16	< 0.14	< 0.17	NA	NA	NA
Tetrachloroethene	27,000	620	452	1.4	4.4	< 0.14	0.48	0.75	< 0.16	< 0.17
Trichloroethene	1,600	39	< 200 *D	< 0.16	< 0.16	< 0.14	< 0.17	< 0.17	< 0.25	< 0.27
Vinyl chloride	11,000	65	< 200 *D	< 0.16	< 0.16	< 0.14	< 0.17	< 0.017	< 0.20	< 0.21

**Footnotes:**

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2 = Non-Res. Deep Soil Gas VAL used 0.001 AF; Res. Deep Soil Gas VAL used 0.01 AF

**Notes:**

All concentrations presented in this table are reported in parts per billion by volume (ppbv) unless otherwise noted.

Res./Non-Res. VAL provided for comparison purposes.

VP-3 through VP-6 compared to Non-Res. Deep Soil Gas VAL due to probe location (large commercial/industrial building, >5 feet below nearest building foundation).

100	= exceeds Wisconsin Res. Deep Soil Gas VAL with 0.01 AF
100	= exceeds Wisconsin Non-Res. Deep Soil Gas VAL with 0.001 AF

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Table 1  
Soil Gas Analytical Results Summary  
Madison-Kipp Corporation  
Madison, Wisconsin

Sample Location Sample Date	Deep Soil Gas		VP-202	VP-202	VP-202	VP-202
	Non-Res. <sup>1,2</sup>	Res. <sup>1,2</sup>	11/25/2011	10/24/2012	7/16/2013	1/30/2014
<b>VOC</b>						
cis-1,2-Dichloroethene	NE	NE	< 0.085 *IS	< 0.16	< 0.16	< 0.14
trans-1,2-Dichloroethene	NE	NE	< 0.085 *IS	< 0.16	< 0.16	< 0.14
1,2-Dichloroethene	NE	NE	< 0.085	< 0.16	< 0.16	< 0.14
Tetrachloroethene	27,000	620	5.7 *IS	9.1	8	1.5
Trichloroethene	1,600	39	< 0.085 *IS	0.58	< 0.16	< 0.14
Vinyl chloride	11,000	65	< 0.085 *IS	< 0.16	< 0.16	< 0.14

**Footnotes:**

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2 = Non-Res. Deep Soil Gas VAL used 0.001 AF; Res. Deep Soil Gas VAL used 0.01 AF

**Notes:**

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Res./Non-Res. VAL provided for comparison purposes.

VP-3 through VP-6 compared to Non-Res. Deep Soil Gas VAL due to probe location (large commercial/industrial building, >5 feet below nee

100	= exceeds Wisconsin Res. Deep Soil Gas VAL with 0.01 AF
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Sample Location Sample Date	Deep Soil Gas		VP-210	VP-210	VP-210	VP-210	VP-210	VP-210	VP-210
	Non-Res. <sup>1,2</sup>	Res. <sup>1,2</sup>	11/25/2011	10/25/2012	7/16/2013	1/30/2014	7/23/2014	7/24/2015	7/22/2016
<b>VOC</b>									
cis-1,2-Dichloroethene	NE	NE	< 0.085 *IS	< 0.17	< 0.15	< 0.14	< 0.17	< 0.17	< 0.23
trans-1,2-Dichloroethene	NE	NE	< 0.085 *IS	< 0.17	< 0.15	< 0.14	< 0.17	< 0.17	< 0.14
1,2-Dichloroethene	NE	NE	< 0.085	< 0.17	< 0.15	< 0.14	< 0.17	NA	NA
Tetrachloroethene	27,000	620	3.22	3.9	3.6	< 0.14	5.4	5.2	5.1
Trichloroethene	1,600	39	< 0.085 *IS	< 0.17	0.26	< 0.14	< 0.17	< 0.17	< 0.26
Vinyl chloride	11,000	65	< 0.085 *IS	< 0.17	< 0.15	< 0.14	< 0.17	< 0.17	< 0.21

**Footnotes:**

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2 = Non-Res. Deep Soil Gas VAL used 0.001 AF; Res. Deep Soil Gas VAL used 0.01 AF

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Res./Non-Res. VAL provided for comparison purposes.

VP-3 through VP-6 compared to Non-Res. Deep Soil Gas VAL due to probe location (large commercial/industrial building, >5 feet below nearest building foundation).

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Soil Gas Analytical Results Summary  
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Madison, Wisconsin

Sample Location Sample Date	Deep Soil Gas		VP-222	VP-222	VP-222	VP-222	VP-222
	Non-Res. <sup>1,2</sup>	Res. <sup>1,2</sup>	11/25/2011	10/25/2012	7/16/2013	1/30/2014	7/23/2014
<b>VOC</b>							
cis-1,2-Dichloroethene	NE	NE	< 20 *D	< 0.49	< 0.92	< 0.14	< 0.89
trans-1,2-Dichloroethene	NE	NE	< 20 *D	< 0.49	< 0.92	< 0.14	< 0.89
1,2-Dichloroethene	NE	NE	< 20	< 0.49	< 0.92	< 0.14	< 0.89
Tetrachloroethene	27,000	620	77	120	280	22	150
Trichloroethene	1,600	39	< 20 *D	< 0.49	< 0.92	< 0.14	< 0.89
Vinyl chloride	11,000	65	< 20 *D	< 0.49	< 0.92	< 0.14	< 0.89

**Footnotes:**

1 = VALs in accordance with *Addressing Vapor Intrusion at Remediation and Redevelopment Sites in Wisconsin*, <http://dnr.wi.gov/files/PDF/pubs/rrr/RR800.pdf>  
 2 = Non-Res. Deep Soil Gas VAL used 0.001 AF; Res. Deep Soil Gas VAL used 0.01 AF

**Notes:**

All concentrations presented in this table are reported in parts per billion by volume (ppbv) unless otherwise noted.  
 Res./Non-Res. VAL provided for comparison purposes.

VP-3 through VP-6 compared to Non-Res. Deep Soil Gas VAL due to probe location (large commercial/industrial building, >5 feet below nearest building found)

100	= exceeds Wisconsin Res. Deep Soil Gas VAL with 0.01 AF
100	= exceeds Wisconsin Non-Res. Deep Soil Gas VAL with 0.001 AF

<= constituent not detected above noted laboratory method detection limit

> = greater than

-- = not designated

\*D = limit of detection not achievable due to dilution

\*IS = the internal standard quality control limit is exceeded

AF = Attenuation Factor

NE = Criteria Not Established

NA= Not Analyzed

DUP = Duplicate sample collected

Res. = Residential

VAL = Vapor Action Level

VOCs = Volatile Organic Compounds

Table 1  
Soil Gas Analytical Results Summary  
Madison-Kipp Corporation  
Madison, Wisconsin

Sample Location Sample Date	Deep Soil Gas		VP-237	VP-237	VP-237	VP-237	VP-237	VP-237	VP-249	VP-249	VP-249
	Non-Res. <sup>1,2</sup>	Res. <sup>1,2</sup>	11/25/2011	10/25/2012	7/17/2013	1/30/2014	7/23/2014	7/24/2015	11/25/2011	10/25/2012	7/17/2013
<b>VOC</b>											
cis-1,2-Dichloroethene	NE	NE	< 20	< 0.16	< 0.16	< 0.14	< 0.33	< 0.17	< 0.085	< 0.16	< 0.14
trans-1,2-Dichloroethene	NE	NE	< 20	< 0.16	< 0.16	< 0.14	< 0.33	< 0.17	< 0.085	< 0.16	< 0.14
1,2-Dichloroethene	NE	NE	< 20	< 0.16	< 0.16	< 0.14	< 0.33	NA	< 0.085	< 0.16	< 0.14
Tetrachloroethene	27,000	620	53	63	30	3.6	59	43	8.44	23	3.3
Trichloroethene	1,600	39	< 20	< 0.16	< 0.16	< 0.14	< 0.33	< 0.17	< 0.085	< 0.16	< 0.14
Vinyl chloride	11,000	65	< 20	< 0.16	< 0.16	< 0.14	< 0.33	< 0.017	< 0.085	< 0.16	< 0.14

**Footnotes:**

1 = VALs in accordance with *Addressing Vapor Intrusion at Remediation and Redevelopment Sites in Wisconsin*, <http://dnr.wi.gov/files/PDF/pubs/rr/RR800.pdf>  
 2 = Non-Res. Deep Soil Gas VAL used 0.001 AF; Res. Deep Soil Gas VAL used 0.01 AF

**Notes:**

All concentrations presented in this table are reported in parts per billion by volume (ppbv) unless otherwise noted.  
 Res./Non-Res. VAL provided for comparison purposes.  
 VP-3 through VP-6 compared to Non-Res. Deep Soil Gas VAL due to probe location (large commercial/industrial building, >5 feet below nearest building foundation).

100	= exceeds Wisconsin Res. Deep Soil Gas VAL with 0.01 AF
100	= exceeds Wisconsin Non-Res. Deep Soil Gas VAL with 0.001 AF

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VAL = Vapor Action Level

VOCs = Volatile Organic Compounds

Table 1  
Soil Gas Analytical Results Summary  
Madison-Kipp Corporation  
Madison, Wisconsin

Sample Location Sample Date	Deep Soil Gas		VP-261	VP-261	VP-261	VP-261	VP-261	VP-261
	Non-Res. <sup>1,2</sup>	Res. <sup>1,2</sup>	11/28/2011	7/17/2013	1/30/2014	7/23/2014	7/23/2014	7/24/2015
<b>VOC</b>								
cis-1,2-Dichloroethene	NE	NE	< 0.085 *IS	< 0.15	< 0.13	< 0.16	< 0.16	< 0.17
trans-1,2-Dichloroethene	NE	NE	< 0.085 *IS	< 0.15	< 0.13	< 0.16	< 0.16	< 0.17
1,2-Dichloroethene	NE	NE	< 0.085	< 0.15	< 0.13	< 0.16	< 0.16	NA
Tetrachloroethene	27,000	620	< 0.085 *IS	1.2	1.2	5.0	4.3	15
Trichloroethene	1,600	39	< 0.085 *IS	< 0.15	< 0.13	< 0.16	< 0.16	< 0.17
Vinyl chloride	11,000	65	< 0.085 *IS	< 0.15	< 0.13	< 0.16	< 0.16	< 0.017

**Footnotes:**

1 = VALs in accordance with *Addressing Vapor Intrusion at Remediation and Redevelopment Sites in Wisconsin*, <http://dnr.wi.gov/files/PDF/pubs/rr/RR800.pdf>

2 = Non-Res. Deep Soil Gas VAL used 0.001 AF; Res. Deep Soil Gas VAL used 0.01 AF

**Notes:**

All concentrations presented in this table are reported in parts per billion by volume (ppbv) unless otherwise noted.

Res./Non-Res. VAL provided for comparison purposes.

VP-3 through VP-6 compared to Non-Res. Deep Soil Gas VAL due to probe location (large commercial/industrial building, >5 feet below nearest building foundation).

100	= exceeds Wisconsin Res. Deep Soil Gas VAL with 0.01 AF
100	= exceeds Wisconsin Non-Res. Deep Soil Gas VAL with 0.001 AF

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