

Table 1
Summary of Soil Vapor Probe Analytical Results, 2009 - 2015

Madison-Kipp Corporation
Madison, Wisconsin

Sample Location	Deep Soil Gas		VP-1N						VP-1S			
	Non-Res. ^{1,2}	Res. ^{1,2}	9/17/09	10/26/12	7/15/13	1/29/14	7/22/14	7/22/15	9/17/09	10/26/12	7/15/13	1/29/14
VOC												
cis-1,2-Dichloroethene	NE	NE	--	0.52	2.6	<0.14	<0.17	<0.16	--	<0.15	0.26	<0.14
trans-1,2-Dichloroethene	NE	NE	--	<0.36	<0.26	<0.14	<0.17	<0.16	--	<0.15	<0.16	<0.14
1,2-Dichloroethene	NE	NE	<20	0.52	2.6	<0.14	<0.17	NA	341	<0.15	0.26	<0.14
Tetrachloroethene	27,000	620	160	65	76	<0.14	1.8	0.29	1,400	4.8	33	0.9
Trichloroethene	1,600	39	<10	0.52	1.1	<0.14	<0.17	<0.16	260	0.15	0.44	<0.14
Vinyl Chloride	11,000	65	--	<0.36	<0.26	<0.14	<0.17	<0.16	--	<0.15	<0.16	<0.14

General Notes:

Concentrations presented in parts per billion by volume (ppbv).

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

100 = exceeds WI Res. Deep Soil Gas VAL with 0.01 AF

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

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VOC = volatile organic compound

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Sample Location	Deep Soil Gas		VP-1S (continued)		VP-2N					VP-2S	
	Non-Res. ^{1,2}	Res. ^{1,2}	7/22/14	7/22/15	10/26/12	7/15/13	1/29/14	7/22/14	7/22/15	9/17/09	10/26/12
VOC											
cis-1,2-Dichloroethene	NE	NE	0.19	<0.14	<0.93	2.5	<0.14	<0.18	<0.16	--	<0.14
trans-1,2-Dichloroethene	NE	NE	<0.16	<0.14	<0.93	<0.39	<0.14	<0.18	<0.16	--	<0.14
1,2-Dichloroethene	NE	NE	0.19	NA	<0.93	2.5	<0.14	<0.18	NA	332	<0.14
Tetrachloroethene	27,000	620	4.7	<0.14	160	110	<0.14	1.5	<0.16	1,100	12
Trichloroethene	1,600	39	0.21	<0.14	<0.93	1.4	<0.14	<0.18	<0.16	240	<0.14
Vinyl Chloride	11,000	65	<0.16	<0.014	<0.93	<0.39	<0.14	<0.18	<0.016	--	<0.14

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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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Madison-Kipp Corporation
Madison, Wisconsin

Sample Location	Deep Soil Gas		VP-2S (continued)				VP-3				VP-4
	Non-Res. ^{1,2}	Res. ^{1,2}	7/15/13	1/29/14	7/22/14	7/22/15	3/30/12	10/26/12	10/26/12	7/22/14	3/30/12
VOC											
cis-1,2-Dichloroethene	NE	NE	0.54	0.36	0.19	2.6	0.6	<0.16	<0.15	0.58	<0.15
trans-1,2-Dichloroethene	NE	NE	<0.31	<0.14	<0.15	0.32	<0.17	<0.16	<0.15	<0.17	<0.15
1,2-Dichloroethene	NE	NE	0.54	NA	0.19	NA	0.6	<0.16	<0.15	0.58	<0.15
Tetrachloroethene	27,000	620	86	44	2	44	18	3.2	3.8	25	0.68
Trichloroethene	1,600	39	0.38	0.22	<0.15	1.4	2	0.36	0.44	3.6	<0.15
Vinyl Chloride	11,000	65	<0.31	<0.14	<0.15	<0.017	<0.17	<0.16	<0.15	<0.17	<0.15

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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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Sample Location	Deep Soil Gas		VP-4 (continued)			VP-5			VP-6		
	Non-Res. ^{1,2}	Res. ^{1,2}	10/26/12	7/23/14	7/24/15	3/30/12	10/26/12	7/22/14	3/30/12	10/26/12	4/29/13
VOC											
cis-1,2-Dichloroethene	NE	NE	<0.15	0.27	0.18 J	1.1	26	2.6	28	190	2,100
trans-1,2-Dichloroethene	NE	NE	<0.15	<0.16	<0.18	<0.15	0.38	<0.17	1.7	5.8	82
1,2-Dichloroethene	NE	NE	<0.15	0.27	NA	1.1	26.38	2.6	29.7	195.8	2,182
Tetrachloroethene	27,000	620	0.2	<0.16	0.19	2.1	27	0.59	63	190	2,900
Trichloroethene	1,600	39	<0.15	<0.16	0.29	1.1	22	2.4	20	72	1,100
Vinyl Chloride	11,000	65	<0.15	<0.16	<0.018	<0.15	1.2	0.38	53	23	130

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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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Madison-Kipp Corporation
Madison, Wisconsin

Sample Location	Deep Soil Gas		VP-6 (continued)			VP-102				
	Non-Res. ^{1,2}	Res. ^{1,2}	1/29/14	7/22/14	7/22/15	11/25/11	10/24/12	1/29/14	7/23/14	7/22/15
VOC										
cis-1,2-Dichloroethene	NE	NE	310	1	780	1,940 *IS	45	0.56	<0.16	0.24
trans-1,2-Dichloroethene	NE	NE	16	<0.16	58	<400 *IS*D	<3.4	<0.14	<0.16	<0.17
1,2-Dichloroethene	NE	NE	326	1	NA	1940	45	0.56	<0.16	NA
Tetrachloroethene	27,000	620	550	<0.16	470	4,620 *IS	1,200	2	0.17	<0.17
Trichloroethene	1,600	39	240	0.34	700	1,770 *IS	240	1.2	<0.16	0.17
Vinyl Chloride	11,000	65	28	<0.16	30	<400 *IS*D	<3.4	<0.14	<0.16	<0.017

General 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 nearest building foundation).

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Madison, Wisconsin

Sample Location	Deep Soil Gas		VP-114					VP-126			
	Non-Res. ^{1,2}	Res. ^{1,2}	11/25/11	10/24/12	7/15/13	1/29/14	7/23/14	11/25/11	10/24/12	7/15/13	1/29/14
VOC											
cis-1,2-Dichloroethene	NE	NE	<400 *IS*D	<0.16	<0.15	<0.14	<0.16	<200 *D	<0.16	<0.16	<0.14
trans-1,2-Dichloroethene	NE	NE	<400 *IS*D	<0.16	<0.15	<0.14	<0.16	<200 *D	<0.16	<0.16	<0.14
1,2-Dichloroethene	NE	NE	<400	<0.16	<0.15	<0.14	<0.16	<200	<0.16	<0.16	<0.14
Tetrachloroethene	27,000	620	2,540 *IS	10	24	<0.14	2.9	452	1.4	4.4	<0.14
Trichloroethene	1,600	39	<400 *IS*D	<0.16	<0.15	<0.14	<0.16	<200 *D	<0.16	<0.16	<0.14
Vinyl Chloride	11,000	65	<400 *IS*D	<0.16	<0.15	<0.14	<0.16	<200 *D	<0.16	<0.16	<0.14

General Notes:

Concentrations presented in parts per billion by volume (ppbv).

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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**Madison-Kipp Corporation
Madison, Wisconsin**

Sample Location Sample Date	Deep Soil Gas		VP-126 (continued)		VP-202				VP-210	
	Non-Res. ^{1,2}	Res. ^{1,2}	7/23/14	7/24/15	11/25/11	10/24/12	7/16/13	1/30/14	11/25/11	10/25/12
VOC										
cis-1,2-Dichloroethene	NE	NE	<0.17	<0.17	<0.085 *IS	<0.16	<0.16	<0.14	<0.085 *IS	<0.17
trans-1,2-Dichloroethene	NE	NE	<0.17	<0.17	<0.085 *IS	<0.16	<0.16	<0.14	<0.085 *IS	<0.17
1,2-Dichloroethene	NE	NE	<0.17	NA	<0.085	<0.16	<0.16	<0.14	<0.085	<0.17
Tetrachloroethene	27,000	620	0.48	0.75	5.7 *IS	9.1	8	1.5	3.22	3.9
Trichloroethene	1,600	39	<0.17	<0.17	<0.085 *IS	0.58	<0.16	<0.14	<0.085 *IS	<0.17
Vinyl Chloride	11,000	65	<0.17	<0.017	<0.085 *IS	<0.16	<0.16	<0.14	<0.085 *IS	<0.17

General Notes:

Concentrations presented in parts per billion by volume (ppbv).

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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Madison, Wisconsin

Sample Location	Deep Soil Gas		VP-210 (continued)				VP-222				
	Non-Res. ^{1,2}	Res. ^{1,2}	7/16/13	1/30/14	7/23/14	7/22/15	11/25/11	10/25/12	7/16/13	1/30/14	7/23/14
VOC											
cis-1,2-Dichloroethene	NE	NE	<0.15	<0.14	<0.17	0.24	<20 *D	<0.49	<0.92	<0.14	<0.89
trans-1,2-Dichloroethene	NE	NE	<0.15	<0.14	<0.17	<0.17	<20 *D	<0.49	<0.92	<0.14	<0.89
1,2-Dichloroethene	NE	NE	<0.15	<0.14	<0.17	NA	<20	<0.49	<0.92	<0.14	<0.89
Tetrachloroethene	27,000	620	3.6	<0.14	5.4	<0.17	77	120	280	22	150
Trichloroethene	1,600	39	0.26	<0.14	<0.17	0.17	<20 *D	<0.49	<0.92	<0.14	<0.89
Vinyl Chloride	11,000	65	<0.15	<0.14	<0.17	<0.017	<20 *D	<0.49	<0.92	<0.14	<0.89

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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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Sample Location	Deep Soil Gas		VP-237						VP-249		
	Non-Res. ^{1,2}	Res. ^{1,2}	11/25/11	10/25/12	7/17/13	1/30/14	7/23/14	7/24/15	11/25/11	10/25/12	7/17/13
VOC											
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

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	Non-Res. ^{1,2}	Res. ^{1,2}	11/28/11	7/17/13	1/30/14	7/23/14	7/23/14	7/24/15	7/22/15	7/23/15	7/24/15
VOC											
cis-1,2-Dichloroethene	NE	NE	<0.085 *IS	<0.15	<0.13	<0.16	<0.16	<0.17	<0.034	<0.029	<0.13
trans-1,2-Dichloroethene	NE	NE	<0.085 *IS	<0.15	<0.13	<0.16	<0.16	<0.17	<0.17	<0.15	<0.64
1,2-Dichloroethene	NE	NE	<0.085	<0.15	<0.13	<0.16	<0.16	NA	NA	NA	NA
Tetrachloroethene	27,000	620	<0.085 *IS	1.2	1.2	5	4.3	15	0.077	<0.029	<0.13
Trichloroethene	1,600	39	<0.085 *IS	<0.15	<0.13	<0.16	<0.16	<0.17	<0.034	<0.029	<0.13
Vinyl Chloride	11,000	65	<0.085 *IS	<0.15	<0.13	<0.16	<0.16	<0.017	<0.017	<0.015	<0.064

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