


CITY: MPLS DIV/GROUP: IM DB: MG LD: CK
 MADISON-KIPP
 Path: G:\GIS\Projects\Madison_Kipp\ArcMap\Site_Locs_20120503.mxd

LEGEND:

 MONITORING WELL

0 100 200
 Feet
 GRAPHIC SCALE

NOTE:
 AERIAL IMAGERY OBTAINED FROM BING IMAGERY SERVICE
 THROUGH ESRI ONLINE MAPPING, ACCESSED 5/3/2012.

MADISON-KIPP
 201 WAUBESA STREET
 MADISON, WI

MONITORING WELL LOCATIONS

 **ARCADIS**

FIGURE 1

Summary of Groundwater Analytical Results, April 2012, Madison-Kipp Corporation.

Sample Name	ES	PAL	MW-1	MW-2D	MW-2S	MW-3D	MW-3D2	DUP-2	MW-3S	MW-4D	MW-4D2	MW-4S
Sample Date			04/11/12	04/11/12	04/11/12	04/12/12	04/12/12	04/12/12	04/12/12	04/10/12	04/10/12	04/10/12
Monitoring Well			MW-1	MW-2D	MW-2S	MW-3D	MW-3D2	MW-3D2	MW-3S	MW-4D	MW-4D2	MW-4S
VOCs												
1,1-Dichloroethene	7	0.7	0.94 J	<0.29	<0.29	<0.29	<1.5	<1.5	<1.5	<0.29	<0.29	<0.29
1,2,4-Trimethylbenzene	480	96	<0.22	<0.22	<0.22	<0.22	<1.1	<1.1	<1.1	<0.22	<0.22	<0.22
1,3,5-Trimethylbenzene	480	96	<0.23	<0.23	<0.23	<0.23	<1.2	<1.2	<1.2	<0.23	<0.23	<0.23
Benzene	5	0.5	<0.12	<0.12	<0.12	0.39 J	<0.6	<0.6	<0.6	<0.12	<0.12	<0.12
Carbon tetrachloride	5	0.5	<0.28	<0.28	<0.28	<0.28	<1.4	<1.4	<1.4	<0.28	<0.28	<0.28
Chloroform	6	0.6	<0.25	<0.25	<0.25	0.93 J	<1.3	<1.3	3.7 J	<0.25	<0.25	<0.25
cis-1,2-Dichloroethene	70	7	38	<0.22	<0.22	350	440	440	89	<0.22	<0.22	<0.22
Ethylbenzene	700	140	<0.14	<0.14	<0.14	<0.14	<0.7	<0.7	<0.7	<0.14	<0.14	<0.14
Isopropylbenzene	--	--	<0.21	<0.21	<0.21	<0.21	<1.1	<1.1	<1.1	<0.21	<0.21	<0.21
Methyl tert-butyl ether	60	12	<0.28	<0.28	<0.28	<0.28	<1.4	<1.4	<1.4	<0.28	<0.28	<0.28
Methylene chloride	5	0.5	8.5	8.1	8.6	<0.63	<3.2	<3.2	<3.2	<0.63	<0.63	<0.63
Naphthalene	100	10	<0.24	<0.24	<0.24	<0.24	<1.2	<1.2	<1.2	<0.24	<0.24	<0.24
N-Propylbenzene	--	--	<0.19	<0.19	<0.19	<0.19	<0.95	<0.95	<0.95	<0.19	<0.19	<0.19
p-Isopropyltoluene	--	--	<0.24	<0.24	<0.24	<0.24	<1.2	<1.2	<1.2	<0.24	<0.24	<0.24
sec-Butylbenzene	--	--	<0.19	<0.19	<0.19	<0.19	<0.95	<0.95	<0.95	<0.19	<0.19	<0.19
Tetrachloroethene	5	0.5	23	610	1.2	1,100	2,600	2,600	1,600	<0.22	0.73 J	0.96 J
Toluene	800	160	<0.15	<0.15	<0.15	<0.15	<0.75	<0.75	<0.75	<0.15	0.40 J	0.20 J
trans-1,2-Dichloroethene	100	20	0.77 J	<0.27	<0.27	5.9	6.4	5.8	5.4	<0.27	<0.27	<0.27
Trichloroethene	5	0.5	24	5.4	<0.18	160	190	190	120	<0.18	<0.18	<0.18
Vinyl chloride	0.2	0.02	0.86	<0.13	<0.13	<0.13	<0.65	<0.65	<0.65	<0.13	<0.13	<0.13
Xylenes, Total	2,000	400	<0.3	<0.3	<0.3	<0.3	<1.5	<1.5	<1.5	<0.3	<0.3	<0.3

All units are presented in micrograms per liter (µg/L).

Only analytes detected in groundwater samples are presented.

100 Exceeds the Wisconsin Department of Natural Resources Preventive Action Limit (PAL).

100 Exceeds the Wisconsin Department of Natural Resources Enforcement Standard (ES).

< Not detected.

-- Standard not established

J Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Summary of Groundwater Analytical Results, April 2012, Madison-Kipp Corporation.

Sample Name	ES	PAL	MW-5D	MW-5D2	MW-5S	DUP-3	MW-6D	MW-6S	MW-7	MW-8	MW-9D	DUP-1
Sample Date			04/12/12	04/12/12	04/12/12	04/12/12	04/12/12	04/11/12	04/10/12	04/10/12	04/11/12	04/11/12
Monitoring Well			MW-5D	MW-5D2	MW-5S	MW-5S	MW-6D	MW-6S	MW-7	MW-8	MW-9D	MW-9D
VOCs												
1,1-Dichloroethene	7	0.7	<0.29	<0.29	<0.29	<0.29	<0.58	<0.29	<0.29	<0.29	<0.29	<0.29
1,2,4-Trimethylbenzene	480	96	<0.22	<0.22	<0.22	<0.22	19	4.8	<0.22	<0.22	<0.22	<0.22
1,3,5-Trimethylbenzene	480	96	<0.23	<0.23	<0.23	<0.23	<0.46	1.5	<0.23	<0.23	<0.23	<0.23
Benzene	5	0.5	0.29 J	<0.12	<0.12	0.40 J	1,500	4.1	<0.12	<0.12	<0.12	<0.12
Carbon tetrachloride	5	0.5	<0.28	<0.28	1.2	<0.28	<0.56	<0.28	<0.28	<0.28	<0.28	<0.28
Chloroform	6	0.6	<0.25	<0.25	0.84 J	0.88 J	3.6	<0.25	<0.25	<0.25	<0.25	<0.25
cis-1,2-Dichloroethene	70	7	26	<0.22	13	14	<0.44	<0.22	<0.22	<0.22	<0.22	<0.22
Ethylbenzene	700	140	<0.14	<0.14	<0.14	<0.14	8.7	9.8	<0.14	<0.14	<0.14	<0.14
Isopropylbenzene	--	--	<0.21	<0.21	<0.21	<0.21	23	4.1	<0.21	<0.21	<0.21	<0.21
Methyl tert-butyl ether	60	12	<0.28	<0.28	<0.28	<0.28	<0.56	<0.28	<0.28	<0.28	<0.28	<0.28
Methylene chloride	5	0.5	<0.63	<0.63	<0.63	<0.63	<1.3	8.3	<0.63	<0.63	9	<0.63
Naphthalene	100	10	<0.24	<0.24	<0.24	<0.24	110	19	<0.24	<0.24	<0.24	<0.24
N-Propylbenzene	--	--	<0.19	<0.19	<0.19	<0.19	11	1.8	<0.19	<0.19	<0.19	<0.19
p-Isopropyltoluene	--	--	<0.24	<0.24	<0.24	<0.24	2.6	<0.24	<0.24	<0.24	<0.24	<0.24
sec-Butylbenzene	--	--	<0.19	<0.19	<0.19	<0.19	2.2	0.56 J	<0.19	<0.19	<0.19	<0.19
Tetrachloroethene	5	0.5	400	47	360	370 J	20	<0.22	<0.22	<0.22	<0.22	<0.22
Toluene	800	160	0.30 J	<0.15	<0.15	<0.15	36	2.5	<0.15	<0.15	<0.15	<0.15
trans-1,2-Dichloroethene	100	20	1.3	<0.27	<0.27	<0.27	<0.54	<0.27	<0.27	<0.27	<0.27	<0.27
Trichloroethene	5	0.5	48	<0.18	9.8	10	3.9	<0.18	<0.18	<0.18	<0.18	<0.18
Vinyl chloride	0.2	0.02	<0.13	<0.13	<0.13	<0.13	<0.26	<0.13	<0.13	<0.13	<0.13	<0.13
Xylenes, Total	2,000	400	<0.3	<0.3	<0.3	<0.3	40	7.8	<0.3	<0.3	<0.3	<0.3

All units are presented in micrograms per liter (µg/L).

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Summary of Groundwater Analytical Results, April 2012, Madison-Kipp Corporation.

Sample Name	ES	PAL	MW-9D2	MW-10S	MW-11S	MW-12S	Trip Blank
Sample Date			04/11/12	04/10/12	04/12/12	04/12/12	04/10/12
Monitoring Well			MW-9D2	MW-10S	MW-11S	MW-12S	
VOCs							
1,1-Dichloroethene	7	0.7	<0.29	<0.29	<0.29	<0.29	<0.29
1,2,4-Trimethylbenzene	480	96	<0.22	0.76 J	0.55 J	1.2	<0.22
1,3,5-Trimethylbenzene	480	96	<0.23	<0.23	<0.23	<0.23	<0.23
Benzene	5	0.5	<0.12	<0.12	<0.12	<0.12	<0.12
Carbon tetrachloride	5	0.5	<0.28	<0.28	<0.28	<0.28	<0.28
Chloroform	6	0.6	<0.25	<0.25	<0.25	<0.25	<0.25
cis-1,2-Dichloroethene	70	7	11	<0.22	<0.22	<0.22	<0.22
Ethylbenzene	700	140	<0.14	0.20 J	<0.14	<0.14	<0.14
Isopropylbenzene	--	--	<0.21	<0.21	<0.21	<0.21	<0.21
Methyl tert-butyl ether	60	12	9.3	<0.28	<0.28	<0.28	<0.28
Methylene chloride	5	0.5	8.8	<0.63	<0.63	<0.63	<0.63
Naphthalene	100	10	<0.24	<0.24	<0.24	<0.24	<0.24
N-Propylbenzene	--	--	<0.19	<0.19	<0.19	<0.19	<0.19
p-Isopropyltoluene	--	--	<0.24	<0.24	<0.24	<0.24	<0.24
sec-Butylbenzene	--	--	<0.19	<0.19	<0.19	<0.19	<0.19
Tetrachloroethene	5	0.5	10	<0.22	<0.22	0.78 J	<0.22
Toluene	800	160	<0.15	0.54	0.73	0.64	<0.15
trans-1,2-Dichloroethene	100	20	<0.27	<0.27	<0.27	<0.27	<0.27
Trichloroethene	5	0.5	3.8	<0.18	<0.18	<0.18	<0.18
Vinyl chloride	0.2	0.02	<0.13	<0.13	<0.13	<0.13	<0.13
Xylenes, Total	2,000	400	<0.3	0.83 J	0.86 J	1.6	<0.3

All units are presented in micrograms per liter (µg/L).

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