

**TABLE 5-19
DUPLICATE RESULTS FOR VOCs
CHAMPAIGN MGP SITE
CHAMPAIGN, ILLINOIS
AMERENIP**

CONSTITUENT	UNITS	B-503	B-503	B-504	B-504	B-509	B-509	B-514	B-514	B-553	B-553	B-556	B-556	B-559	B-559
		B503-3 (2-3) 7/13/2004 3	B503-3D (2-3) 7/13/2004 3	B504-7 (6-7) 7/13/2004 7	B504-7D (6-7) 7/13/2004 7	B509-8 (7-8) 7/21/2004 8	B509-8D (7-8) 7/21/2004 8	B514-3 (2-3) 7/22/2004 3	B514-3D (2-3) 7/22/2004 3	B553-32 (31-32) 7/14/2004 32	B553-32D (31-32) 7/14/2004 32	B556-28 (27-28) 7/20/2004 28	B556-28D (27-28) 7/20/2004 28	B559-8 (7-8) 7/19/2004 8	B559-8D (7-8) 7/19/2004 8
		Primary	Duplicate 1	Primary	Duplicate 1	Primary	Duplicate 1	Primary	Duplicate 1	Primary	Duplicate 1	Primary	Duplicate 1	Primary	Duplicate 1
1,1,1-Trichloroethane	(ug/kg)	<173	<233	<883	<982	<1.0	<1.0	<1.2	<1.2	<0.7	<0.7	<0.8	<0.7	<25.6	<1.0
1,1,2,2-Tetrachloroethane	(ug/kg)	<173	<233	<883	<982	<1.0	<1.0	<1.2	<1.2	<0.7	<0.7	<0.8	<0.7	<25.6	<1.0
1,1,2-Trichloroethane	(ug/kg)	<173	<233	<883	<982	<1.0	<1.0	<1.2	<1.2	<0.7	<0.7	<0.8	<0.7	<25.6	<1.0
1,1-Dichloroethane	(ug/kg)	<173	<233	<883	<982	<1.0	<1.0	<1.2	<1.2	<0.7	<0.7	<0.8	<0.7	<25.6	<1.0
1,1-Dichloroethylene	(ug/kg)	<173	<233	<883	<982	<1.0	<1.0	<1.2	<1.2	<0.7	<0.7	<0.8	<0.7	<25.6	<1.0
1,2-Dichloroethane	(ug/kg)	<173	<233	<883	<982	<1.0	<1.0	<1.2	<1.2	<0.7	<0.7	<0.8	<0.7	<25.6	<1.0
1,2-Dichloropropane	(ug/kg)	<173	<233	<883	<982	<1.0	<1.0	<1.2	<1.2	<0.7	<0.7	<0.8	<0.7	<25.6	<1.0
2-Hexanone	(ug/kg)	<1730	<2330	<8830	<9820	<10.3	<9.6	<11.8	<11.9	<7.3	<7.0	<7.8	<7.3	<256	<9.5
Acetone	(ug/kg)	<1730	<2330	<8830	<9820	31	43	126	120	37.1	19	31	26	460	129
Benzene	(ug/kg)	13900	11100	20800	26300	4.6	4.7	32.6	19.2	3.5	2.1	2.1	1.1	<12.8	2.2
Bromodichloromethane	(ug/kg)	<173	<233	<883	<982	<1.0	<1.0	<1.2	<1.2	<0.7	<0.7	<0.8	<0.7	<25.6	<1.0
Bromoform	(ug/kg)	<173	<233	<883	<982	<1.0	<1.0	<1.2	<1.2	<0.7	<0.7	<0.8	<0.7	<25.6	<1.0
Carbon Disulfide	(ug/kg)	<520	<699	<2650	<2950	<3.1	4.7	10.9	5.9	<2.2	<2.1	<2.3	<2.2	<76.7	<2.9
Carbon tetrachloride	(ug/kg)	<173	<233	<883	<982	<1.0	<1.0	<1.2	<1.2	<0.7	<0.7	<0.8	<0.7	<25.6	<1.0
Chlorobenzene	(ug/kg)	<173	<233	<883	<982	<1.0	<1.0	<1.2	<1.2	<0.7	<0.7	<0.8	<0.7	<25.6	<1.0
Chloroethane	(ug/kg)	<347	<466	<1770	<1960	<2.1	<1.9	<2.4	<2.4	<1.4	<1.4	<1.6	<1.5	<51.1	<1.9
Chloroform	(ug/kg)	<173	<233	<883	<982	<1.0	<1.0	<1.2	<1.2	<0.7	<0.7	<0.8	<0.7	<25.6	<1.0
cis-1,2-Dichloroethylene	(ug/kg)	<173	<233	<883	<982	<1.0	<1.0	<1.2	<1.2	<0.7	<0.7	<0.8	<0.7	<25.6	<1.0
cis-1,3-Dichloropropene	(ug/kg)	<173	<233	<883	<982	<1.0	<1.0	<1.2	<1.2	<0.7	<0.7	<0.8	<0.7	<25.6	<1.0
Dibromochloromethane	(ug/kg)	<173	<233	<883	<982	<1.0	<1.0	<1.2	<1.2	<0.7	<0.7	<0.8	<0.7	<25.6	<1.0
Ethene, 1,2-dichloro-,(E)-	(ug/kg)	<173	<233	<883	<982	<1.0	<1.0	<1.2	<1.2	<0.7	<0.7	<0.8	<0.7	<25.6	<1.0
Ethylbenzene	(ug/kg)	4240	4030	145000	203000	3.8	3.5	17.4	8	1.5	0.9	2.3	0.8	<25.6	1.7
Methyl bromide	(ug/kg)	<347	<466	<1770	<1960	<2.1	<1.9	<2.4	<2.4	<1.4	<1.4	<1.6	<1.5	<51.1	<1.9
Methyl chloride	(ug/kg)	<347	<466	<1770	<1960	<2.1	<1.9	<2.4	<2.4	<1.4	<1.4	<1.6	<1.5	<51.1	<1.9
Methyl ethyl ketone	(ug/kg)	<1730	<2330	<8830	<9820	<10.3	<9.6	<11.8	<11.9	<7.3	<7.0	<7.8	<7.3	460	18.4
Methyl isobutylketone (MIBK)	(ug/kg)	<1730	<2330	<8830	<9820	<10.3	<9.6	<11.8	<11.9	<7.3	<7.0	<7.8	<7.3	<256	<9.5
Methyl tert-butyl ether	(ug/kg)	<86.6	<117	<441	<491	<0.5	<0.5	<0.6	<0.6	<0.4	<0.4	<0.4	<0.4	<12.8	<0.5
Methylene chloride	(ug/kg)	<173	<233	<883	<982	<1.0	1.7	1.6	1.9	0.8	<0.7	1.1	<0.7	<25.6	1.6
Styrene	(ug/kg)	<173	<233	<883	<982	<1.0	1.4	3.2	2.3	<0.7	<0.7	<0.8	<0.7	<25.6	<1.0
Tetrachloroethylene	(ug/kg)	<173	<233	<883	<982	<1.0	<1.0	<1.2	<1.2	<0.7	<0.7	<0.8	<0.7	<25.6	<1.0
Toluene	(ug/kg)	6280	5670	10900	14800	1.4	6.9	10.3	5.7	4.5	3	5	2.3	<25.6	5.5
trans-1,3-Dichloropropene	(ug/kg)	<173	<233	<883	<982	<1.0	<1.0	<1.2	<1.2	<0.7	<0.7	<0.8	<0.7	<25.6	<1.0
Trichloroethylene	(ug/kg)	<173	<233	<883	<982	<1.0	1	<1.2	<1.2	<0.7	<0.7	<0.8	<0.7	<25.6	<1.0
Vinyl chloride	(ug/kg)	<86.6	<117	<441	<491	<0.5	<0.5	<0.6	<0.6	<0.4	<0.4	<0.4	<0.4	<12.8	<0.5
Xylene (total)	(ug/kg)	9920	8750	140000	196000	12	13.8	25.4	11.1	3.6	3.1	4.6	2.2	46	5.2

Notes: mg/kg Milligrams per kilogram
 (1) Provisional remediation objective provided by IEPA
 ----- No remediation objective has been established by the IEPA for this constituent for this exposure route
 <12 Not detected at the level identified
 Analytical result exceeds one or more Tier 1 RO