

**TABLE 5-14**  
**TIER 1 COMPARISON VOC RESULTS FOR GREATER THAN 10 FT DEPTH**  
**CHAMPAIGN MGP SITE**  
**CHAMPAIGN, ILLINOIS**  
**AMERENIP**

CONSTITUENT	B-501	B-505	B-506	B-507	B-513	B-515	B-553	B-556	B-557	B-562
	B-501-24 7/13/2004 23'-24'	B-505-11 7/14/2004 10'-11'	B-506-28 7/22/2004 27'-28'	B-507-19 7/21/2004 18'-19'	B-513-12 7/12/2004 11'-12'	B-515-32 7/16/2004 31'-32'	B-553-32 7/14/2004 31'-32'	B-556-28 7/20/2004 27'-28'	B-557-12 7/20/2004 11'-12'	B-562-14 7/15/2004 13'-14'
1,1,1-Trichloroethane	<0.7	<211	<0.9	<1040	<0.8	<0.7	<0.7	<0.8	<1.8	<166
1,1,2,2-Tetrachloroethane	<0.7	<211	<0.9	<1040	<0.8	<0.7	<0.7	<0.8	<1.8	<166
1,1,2-Trichloroethane	<0.7	<211	<0.9	<1040	<0.8	<0.7	<0.7	<0.8	<1.8	<166
1,1-Dichloroethane	<0.7	<211	<0.9	<1040	<0.8	<0.7	<0.7	<0.8	<1.8	<166
1,1-Dichloroethylene	<0.7	<211	<0.9	<1040	<0.8	<0.7	<0.7	<0.8	<1.8	<166
1,2-Dichloroethane	<0.7	<211	<0.9	<1040	<0.8	<0.7	<0.7	<0.8	<1.8	<166
1,2-Dichloropropane	<0.7	<211	<0.9	<1040	<0.8	<0.7	<0.7	<0.8	<1.8	<166
2-Hexanone	<7.4	<2110	<9.2	<10400	<8.1	<7.2	<7.3	<7.8	<18.0	<1660
Acetone	8.3	<2110	57.5	20000	19	32	37.1	31	67	<1660
Bromodichloromethane	<0.7	<211	<0.9	<1040	<0.8	<0.7	<0.7	<0.8	<1.8	<166
Bromoform	<0.7	<211	<0.9	<1040	<0.8	<0.7	<0.7	<0.8	<1.8	<166
Carbon Disulfide	<2.2	<633	<2.8	<3130	<2.4	<2.2	<2.2	<2.3	<5.4	<499
Carbon tetrachloride	<0.7	<211	<0.9	<1040	<0.8	<0.7	<0.7	<0.8	<1.8	<166
Chlorobenzene	<0.7	<211	<0.9	<1040	<0.8	<0.7	<0.7	<0.8	<1.8	<166
Chloroethane	<1.5	<422	<1.8	<2090	<1.6	<1.4	<1.4	<1.6	<3.6	<333
Chloroform	<0.7	<211	<0.9	<1040	<0.8	<0.7	<0.7	<0.8	<1.8	<166
cis-1,2-Dichloroethylene	<0.7	<211	<0.9	<1040	<0.8	<0.7	<0.7	<0.8	<1.8	<166
cis-1,3-Dichloropropene	<0.7	<211	<0.9	<1040	<0.8	<0.7	<0.7	<0.8	<1.8	<166
Dibromochloromethane	<0.7	<211	<0.9	<1040	<0.8	<0.7	<0.7	<0.8	<1.8	<166
Ethene, 1,2-dichloro-, (E)-	<0.7	<211	<0.9	<1040	<0.8	<0.7	<0.7	<0.8	<1.8	<166
Methyl bromide	<1.5	<422	<1.8	<2090	<1.6	<1.4	<1.4	<1.6	<3.6	<333
Methyl chloride	<1.5	<422	<1.8	<2090	<1.6	<1.4	<1.4	<1.6	<3.6	<333
Methyl ethyl ketone	<7.4	<2110	<9.2	<10400	<8.1	<7.2	<7.3	<7.8	<18.0	<1660
Methyl isobutyl ketone (MIBK)	<7.4	<2110	<9.2	<10400	<8.1	<7.2	<7.3	<7.8	<18.0	<1660
Methyl tert-butyl ether	<0.4	<105	<0.5	<522	<0.4	<0.4	<0.4	<0.4	<0.9	<83.1
Methylene chloride	<0.7	<211	1.6	1300	1	<0.7	0.8	1.1	<1.8	<166
Styrene	<0.7	<211	<0.9	938000	<0.8	<0.7	<0.7	<0.8	<1.8	<166
Tetrachloroethylene	<0.7	<211	<0.9	<1040	<0.8	<0.7	<0.7	<0.8	<1.8	<166
trans-1,3-Dichloropropene	<0.7	<211	<0.9	<1040	<0.8	<0.7	<0.7	<0.8	<1.8	<166
Trichloroethylene	<0.7	<211	<0.9	<1040	<0.8	<0.7	<0.7	<0.8	<1.8	<166
Vinyl chloride	<0.4	<105	<0.5	<522	<0.4	<0.4	<0.4	<0.4	<0.9	<83.1

Notes: ug/kg Micrograms 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