

**TABLE 5-10**  
**TIER 1 COMPARISON VOC RESULTS 3 TO 10 FT DEPTH**  
**CHAMPAIGN MGP SITE**  
**CHAMPAIGN, ILLINOIS**  
**AMERENIP**

CONSTITUENT	UNITS	B-504	B-508	B-509	B-559	B-561
		B-504-7 7/13/2004 6'-7'	B-508-9 7/19/2004 8'-9'	B-509-8 7/21/2004 7'-8'	B-559-8 7/19/2004 7'-8'	B-561-10 7/15/2004 9'-10'
1,1,1-Trichloroethane	(ug/kg)	<883	<104	<1.0	<25.6	<84.1
1,1,2,2-Tetrachloroethane	(ug/kg)	<883	<104	<1.0	<25.6	<84.1
1,1,2-Trichloroethane	(ug/kg)	<883	<104	<1.0	<25.6	<84.1
1,1-Dichloroethane	(ug/kg)	<883	<104	<1.0	<25.6	<84.1
1,1-Dichloroethylene	(ug/kg)	<883	<104	<1.0	<25.6	<84.1
1,2-Dichloroethane	(ug/kg)	<883	<104	<1.0	<25.6	<84.1
1,2-Dichloropropane	(ug/kg)	<883	<104	<1.0	<25.6	<84.1
2-Hexanone	(ug/kg)	<8830	<1040	<10.3	<256	<841
Acetone	(ug/kg)	<8830	2500	31	460	<841
Bromodichloromethane	(ug/kg)	<883	<104	<1.0	<25.6	<84.1
Bromoform	(ug/kg)	<883	<104	<1.0	<25.6	<84.1
Carbon Disulfide	(ug/kg)	<2650	<312	<3.1	<76.7	<252
Carbon tetrachloride	(ug/kg)	<883	<104	<1.0	<25.6	<84.1
Chlorobenzene	(ug/kg)	<883	<104	<1.0	<25.6	<84.1
Chloroethane	(ug/kg)	<1770	<208	<2.1	<51.1	<168
Chloroform	(ug/kg)	<883	<104	<1.0	<25.6	<84.1
cis-1,2-Dichloroethylene	(ug/kg)	<883	<104	<1.0	<25.6	<84.1
cis-1,3-Dichloropropene	(ug/kg)	<883	<104	<1.0	<25.6	<84.1
Dibromochloromethane	(ug/kg)	<883	<104	<1.0	<25.6	<84.1
Ethene, 1,2-dichloro-, (E)-	(ug/kg)	<883	<104	<1.0	<25.6	<84.1
Methyl bromide	(ug/kg)	<1770	<208	<2.1	<51.1	<168
Methyl chloride	(ug/kg)	<1770	<208	<2.1	<51.1	<168
Methyl ethyl ketone	(ug/kg)	<8830	<1040	<10.3	460	<841
Methyl isobutyl ketone (MIBK)	(ug/kg)	<8830	<1040	<10.3	<256	<841
Methyl tert-butyl ether	(ug/kg)	<441	<52.0	<0.5	<12.8	<42.1
Methylene chloride	(ug/kg)	<883	200	<1.0	<25.6	<84.1
Styrene	(ug/kg)	<883	<104	<1.0	<25.6	<84.1
Tetrachloroethylene	(ug/kg)	<883	<104	<1.0	<25.6	<84.1
trans-1,3-Dichloropropene	(ug/kg)	<883	<104	<1.0	<25.6	<84.1
Trichloroethylene	(ug/kg)	<883	<104	<1.0	<25.6	<84.1
Vinyl chloride	(ug/kg)	<441	<52.0	<0.5	<12.8	<42.1

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