

TABLE 5-6
TIER 1 COMPARISON VOC RESULTS FOR 0 TO 3 FT DEPTH
CHAMPAIGN MGP SITE
CHAMPAIGN, ILLINOIS
AMERENIP

CONSTITUENT	UNITS	B-503	B-510	B-514	B-550	B-554	B-558
		B-503-3	B-510-2	B-514-3	B-550-3	B-554-3	B-558-2
		7/13/2004	7/12/2004	7/22/2004	7/20/2004	7/15/2004	7/19/2004
		2'-3'	1'-2'	2'-3'	2'-3'	2'-3'	1'-2'
1,1,1-Trichloroethane	(ug/kg)	<173	<1.2	<1.2	<1.6	<36.0	<1.4
1,1,2,2-Tetrachloroethane	(ug/kg)	<173	<1.2	<1.2	<1.6	<36.0	<1.4
1,1,2-Trichloroethane	(ug/kg)	<173	<1.2	<1.2	<1.6	<36.0	<1.4
1,1-Dichloroethane	(ug/kg)	<173	<1.2	<1.2	<1.6	<36.0	<1.4
1,1-Dichloroethylene	(ug/kg)	<173	<1.2	<1.2	<1.6	<36.0	<1.4
1,2-Dichloroethane	(ug/kg)	<173	<1.2	<1.2	<1.6	<36.0	<1.4
1,2-Dichloropropane	(ug/kg)	<173	<1.2	<1.2	<1.6	<36.0	<1.4
2-Hexanone	(ug/kg)	<1730	<12.2	<11.8	<15.5	<360	<14.0
Acetone	(ug/kg)	<1730	38	126	212	<360	91.6
Bromodichloromethane	(ug/kg)	<173	<1.2	<1.2	<1.6	<36.0	<1.4
Bromoform	(ug/kg)	<173	<1.2	<1.2	<1.6	<36.0	<1.4
Carbon Disulfide	(ug/kg)	<520	<3.6	10.9	11.1	<108	<4.2
Carbon tetrachloride	(ug/kg)	<173	<1.2	<1.2	<1.6	<36.0	<1.4
Chlorobenzene	(ug/kg)	<173	<1.2	<1.2	<1.6	<36.0	<1.4
Chloroethane	(ug/kg)	<347	<2.4	<2.4	<3.1	<72.0	<2.8
Chloroform	(ug/kg)	<173	<1.2	<1.2	<1.6	<36.0	<1.4
cis-1,2-Dichloroethylene	(ug/kg)	<173	<1.2	<1.2	<1.6	<36.0	<1.4
cis-1,3-Dichloropropene	(ug/kg)	<173	<1.2	<1.2	<1.6	<36.0	<1.4
Dibromochloromethane	(ug/kg)	<173	<1.2	<1.2	<1.6	<36.0	<1.4
Ethene, 1,2-dichloro-, (E)-	(ug/kg)	<173	<1.2	<1.2	<1.6	<36.0	<1.4
Methyl bromide	(ug/kg)	<347	<2.4	<2.4	<3.1	<72.0	<2.8
Methyl chloride (Chloromethane)	(ug/kg)	<347	<2.4	<2.4	<3.1	<72.0	<2.8
Methyl ethyl ketone	(ug/kg)	<1730	<12.2	<11.8	30	720	<14.0
Methyl isobutyl ketone (MIBK)	(ug/kg)	<1730	<12.2	<11.8	<15.5	<360	<14.0
Methyl tert-butyl ether	(ug/kg)	<86.6	<0.6	<0.6	<0.8	<18.0	<0.7
Methylene chloride	(ug/kg)	<173	<1.2	1.6	<1.6	<36.0	1.5
Styrene	(ug/kg)	<173	<1.2	3.2	<1.6	<36.0	<1.4
Tetrachloroethylene	(ug/kg)	<173	<1.2	<1.2	<1.6	<36.0	<1.4
trans-1,3-Dichloropropene	(ug/kg)	<173	<1.2	<1.2	<1.6	<36.0	<1.4
Trichloroethylene	(ug/kg)	<173	<1.2	<1.2	<1.6	<36.0	<1.4
Vinyl chloride	(ug/kg)	<86.6	<0.6	<0.6	<0.8	<18.0	<0.7

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