

TABLE ES-2
PROJECT REMEDIATION OBJECTIVES
FOR CONSTITUENTS OF CONCERN
CHAMPAIGN MGP
AMERENIP

	Tier 1 Remediation Objective									IEPA Accepted Background Levels MSA	Project Remediation Objective
	<i>Ingestion</i>			<i>Inhalation</i>			<i>Indoor Inhalation</i>				
	Residential	Commercial	Construction	Residential	Commercial	Construction	Residential	Commercial			
<i>Volatile Organic Compounds (mg/kg)</i>											
Benzene	12	100	2,300	0.80	1.6	2.2	0.069	0.51	---	0.069	
Ethylbenzene	7,800	200,000	20,000	400	400	58.0	130	130	---	58	
Toluene	16,000	410,000	410,000	650	650	42.0	240	240	---	42	
Total Xylenes	16,000	410,000	41,000	410	320	5.6	63	100	---	5.6	
Styrene	16,000	410,000	41,000	1,500	1,500	430	230	230	---	230	
Acetone	7,800	200,000	200,000	100,000	100,000	10,000	100,000	100,000	---	7,800	
Methylene Chloride	85	760	12,000	13	24	34	1.4	10	---	1.4	
<i>Semivolatile Organic Compounds (mg/kg)</i>											
Acenaphthene	4,700	120,000	120,000	---	---	---	---	---	0.13	4,700	
Acenaphthylene	2,300 ⁽¹⁾	61,000 ⁽¹⁾	61,000 ⁽¹⁾	---	---	---	---	---	0.07	2,300	
Benzo(a)anthracene	0.9	8	170	---	---	---	---	---	1.8	1.8	
Benzo(a)pyrene	0.09	0.8	17	---	---	---	---	---	2.1	2.1	
Benzo(b)fluoranthene	0.9	8	170	---	---	---	---	---	2.1	2.1	
Benzo(k)fluoranthene	9	78	1,700	---	---	---	---	---	1.7	9	
Chrysene	88	780	17,000	---	---	---	---	---	2.7	88	
Dibenzo(a,h)anthracene	0.09	0.8	17	---	---	---	---	---	0.42	0.42	
Dibenzofuran	310 ⁽¹⁾	8,200 ⁽¹⁾	820 ⁽¹⁾	---	---	---	---	---	---	310	
Fluorene	3,100	82,000	82,000	---	---	---	---	---	0.18	3,100	
Indeno(1,2,3-cd)pyrene	0.9	8	170	---	---	---	---	---	1.6	1.6	
Naphthalene	1,600	41,000	4,100	170	270	1.8	34	34	0.2	1.8	
Phenanthrene	2,300 ⁽¹⁾	61,000 ⁽¹⁾	61,000 ⁽¹⁾	---	---	---	---	---	2.5	2,300	
2-methylnaphthalene	2,300	61,000	61,000	---	---	---	83	83	0.14	83	
<i>Metals (mg/kg)</i>											
Arsenic	13	13	61	750	1,200	25,000	---	---	13	13	
Chromium	230	6,100	4,100	270	420	690	---	---	16.2	230	
Lead	400	800	700	---	---	---	---	---	36	400	
Mercury	23	610	61	10	16	0.1	0.45	0.45	0.06	0.1	
<i>Inorganics (mg/kg)</i>											
Cyanide	1,600	41,000	4,100	---	---	---	---	---	0.51	1,600	

Notes:

(1) Non-TACO or provisional RO provided by the IEPA

--- No remediation objective has been established by the IEPA for this constituent for exposure route

mg/kg Milligrams per kilogram