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

	Tier 1 Remediation Objective										
	Ingestion			Inhalation			Indoor Inhalation		Soil Component to Groundwater Class I	IEPA Accepted Background Levels MSA	Project Remediation Objective
	Residential	Commercial	Construction	Residential	Commercial	Construction	Residential	Commercial			
Volatile Organic Compounds (mg/kg)											
Benzene	12	100	2,300	0.80	1.6	2.2	0.069	0.51	0.03	---	1.6
Ethylbenzene	7,800	200,000	20,000	400	400	58.0	130	130	13	---	400
Toluene	16,000	410,000	410,000	650	650	42.0	240	240	12	---	650
Total Xylenes	16,000	410,000	41,000	410	320	5.6	63	100	150	---	320
Styrene	16,000	410,000	41,000	1,500	1,500	430	230	230	4	---	1,500
Acetone	7,800	200,000	200,000	100,000	100,000	10,000	100,000	100,000	16	---	100,000
Methylene Chloride	85	760	12,000	13	24	34	1.4	10	0.02		24
Semivolatile Organic Compounds (mg/kg)											
Acenaphthene	4,700	120,000	120,000	---	---	---	---	---	570	0.13	120,000
Acenaphthylene	2,300 (1)	61,000 (1)	61,000 (1)	---	---	---	---	---	24 (1)	0.07	61,000
Benzo(a)anthracene	0.9	8	170	---	---	---	---	---	2	1.8	8
Benzo(a)pyrene	0.09	0.8	17	---	---	---	---	---	8	2.1	2.1
Benzo(b)fluoranthene	0.9	8	170	---	---	---	---	---	5	2.1	8
Benzo(k)fluoranthene	9	78	1,700	---	---	---	---	---	49	1.7	78
Chrysene	88	780	17,000	---	---	---	---	---	160	2.7	780
Dibenzo(a,h)anthracene	0.09	0.8	17	---	---	---	---	---	2	0.42	0.80
Dibenzofuran	310 (1)	8,200 (1)	820 (1)	---	---	---	---	---	15 (1)	---	8,200
Fluorene	3,100	82,000	82,000	---	---	---	---	---	560	0.18	82,000
Indeno(1,2,3-cd)pyrene	0.9	8	170	---	---	---	---	---	14	1.6	8
Naphthalene	1,600	41,000	4,100	170	270	1.8	34	34	12	0.2	270
Phenanthrene	2,300 (1)	61000 (1)	61000 (1)	---	---	---	---	---	220 (1)	2.5	61,000
2-methylnaphthalene	2,300	61,000	61,000	---	---	---	83	83	29	0.14	83
Metals (mg/kg)											
Arsenic	13	13	61	750	1,200	25,000	---	---	30	13	13
Chromium	230	6,100	4,100	270	420	690	---	---	32	16.2	420
Lead	400	800	700	---	---	---	---	---	107	36	800
Mercury	23	610	61	10	16	0.1	0.45	0.45	6.4	0.06	16
Inorganics (mg/kg)											
Cyanide	1,600	41,000	4,100	---	---	---	---	---	40	0.51	41,000

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