

**TABLE 5-3
TIER 1 REMEDIAL OBJECTIVES
SVOCs**

CONSTITUENT	Ingestion			Inhalation			Soil Component to Groundwater (Class I)	MSA Background Metropolitan Areas	UNITS/DEPTH
	Residential	Commercial	Construction	Residential	Commercial	Construction			
1,2,4-Trichlorobenzene	780	20,000	35	3,200	3,200	920	5		(mg/kg)
2,4,5-Trichlorophenol	7,800	200,000	200,000	---	---	---	270		(mg/kg)
2,4,6-Trichlorophenol	58	520	11,000	200	390	540	0.2		(mg/kg)
2,4-Dichlorophenol	230	6,100	610	---	---	---	1		(mg/kg)
2,4-Dimethylphenol	1,600	41,000	41,000	---	---	---	9		(mg/kg)
2,4-Dinitrophenol	160	4,100	410	---	---	---	0.2		(mg/kg)
2,4-Dinitrotoluene	0.9	---	---	---	---	---	0.0008		(mg/kg)
2,6-Dinitrotoluene	0.9	8.4	180.0	---	---	---	0.0007		(mg/kg)
2-Chloronaphthalene	6,300	160,000	160,000	---	---	---	240		(mg/kg)
2-Chlorophenol	390	10,000	10,000	53,000	53,000	53,000	4		(mg/kg)
2-Methylnaphthalene	2,300	61,000	61,000	---	---	---	29	0.14	(mg/kg)
3,3-Dichlorobenzidine	1	13	280	---	---	---	0.007		(mg/kg)
4,6-Dinitro-o-cresol	---	---	---	---	---	---	---		(mg/kg)
4-Bromophenyl phenyl ether	---	---	---	---	---	---	---		(mg/kg)
4-Chlorophenyl phenyl ether	---	---	---	---	---	---	---		(mg/kg)
Bis(2-chloroethoxy)methane	---	---	---	---	---	---	---		(mg/kg)
Bis(2-chloroethyl)ether	0.6	5.0	75.0	0.2	0.5	0.7	0.0004		(mg/kg)
Bis(2-chloroisopropyl)ether	3,100	82,000	8,200	1,300	1,300	1,300	2.4		(mg/kg)
Bis(2-ethylhexyl)phthalate (BEHP)	46	410	4,100	31,000	31,000	31,000	3,600		(mg/kg)
Butyl benzyl phthalate	16,000	410,000	410,000	930	930	930	930		(mg/kg)
Carbazole	32	290	6,200	---	---	---	0.60		(mg/kg)
Dibenzofuran	310	8,200	820	---	---	---	15		(mg/kg)
Diethyl phthalate	63,000	1,000,000	1,000,000	2,000	2,000	2,000	470		(mg/kg)
Dimethyl phthalate	---	---	---	---	---	---	---		(mg/kg)
Di-n-butyl phthalate	7,800	200,000	200,000	2,300	2,300	2,300	0.0004		(mg/kg)
Di-n-octyl phthalate	1,600	41,000	4,100	10,000	10,000	10,000	10,000		(mg/kg)
Hexachlorobenzene	0.4	4.0	78.0	1	1.8	2.6	2		(mg/kg)
Hexachlorobutadiene	16	410	41	1,000	1,000	180	2.9		(mg/kg)
Hexachlorocyclopentadiene	550	14,000	14,000	10	16	1.1	400		(mg/kg)
Hexachloroethane	78	2,000	2,000	---	---	---	0.5		(mg/kg)
Isophorone	15,600	410,000	410,000	4,600	4,600	4,600	8		(mg/kg)
m & p-Cresol(s)	---	---	---	---	---	---	---		(mg/kg)
m-Dichlorobenzene	---	---	---	---	---	---	---		(mg/kg)
m-Nitroaniline	---	---	---	---	---	---	---		(mg/kg)
Nitrobenzene	39	1,000	1,000	92	140	9.4	0.1		(mg/kg)
N-Nitrosodiphenylamine	130	1,200	25,000	---	---	---	1		(mg/kg)
N-Nitrosodipropylamine	---	---	---	---	---	---	---		(mg/kg)
o-Cresol	3,900	100,000	100,000	---	---	---	15		(mg/kg)
o-Dichlorobenzene	7,000	180,000	560	560	18,000	310	17		(mg/kg)
o-Nitroaniline	---	---	---	---	---	---	---		(mg/kg)
o-Nitrophenol	---	---	---	---	---	---	---		(mg/kg)
p-Chloroaniline	310	8,200	---	---	820	---	0.7		(mg/kg)
p-Chloro-m-cresol	---	---	---	---	---	---	---		(mg/kg)
PCP	3	24	52	---	---	---	0.03		(mg/kg)
p-Dichlorobenzene	---	---	17,000	11,000	---	340	2		(mg/kg)
Phenol	47,000	1,000,000	120,000	---	---	---	100		(mg/kg)
p-Nitroaniline	---	---	---	---	---	---	---		(mg/kg)
p-Nitrophenol	---	---	---	---	---	---	---		(mg/kg)

Notes: mg/kg Milligrams 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