

**TABLE 5-2
TIER I REMEDIAL OBJECTIVES
VOCs**

CONSTITUENT	Soil			Soil Component to Groundwater (Class I)			UNITS
	Residential	<u>Ingestion</u> Commercial	Construction	Residential	<u>Inhalation</u> Commercial	Construction	
1,1,1-Trichloroethane	---	---	---	1,200,000	1,200,000	1,200,000	2,000 (ug/kg)
1,1,2,2-Tetrachloroethane	2,300,000	61,000,000	6,100,000	1,000,000	1,000,000	1,000,000	2,000 (ug/kg)
1,1,2-Trichloroethane	310,000	8,200,000	8,200,000	1,800,000	1,800,000	1,800,000	20 (ug/kg)
1,1-Dichloroethane	7,800,000	200,000,000	200,000,000	1,300,000	1,700,000	130,000	23,000 (ug/kg)
1,1-Dichloroethylene	700,000	18,000,000	1,800,000	1,500,000	1,500,000	300,000	60 (ug/kg)
1,2-Dichloroethane	7,000	63,000	1,400,000	400	700	990	20 (ug/kg)
1,2-Dichloropropane	9,000	84,000	1,800,000	15,000	23,000	500	30 (ug/kg)
2-Hexanone	---	---	---	---	---	---	---
Acetone	7,800,000	200,000,000	200,000,000	100,000,000	100,000,000	10,000,000	16,000 (ug/kg)
Bromodichloromethane	10,000	92,000	2,000,000	3,000,000	3,000,000	3,000,000	600 (ug/kg)
Bromoform	81,000	720,000	16,000,000	53,000	100,000	140,000	800 (ug/kg)
Carbon Disulfide	7,800,000	200,000,000	20,000,000	720,000	720,000	9,000	32,000 (ug/kg)
Carbon tetrachloride	5,000	44,000	410,000	300	640	900	70 (ug/kg)
Chlorobenzene	1,600,000	41,000,000	4,100,000	130,000	210,000	1,300	1,000 (ug/kg)
Chloroethane	---	---	---	---	---	---	---
Chloroform	100,000	940,000	2,000,000	300	540	760	600 (ug/kg)
cis-1,2-Dichloroethylene	780,000	20,000,000	20,000,000	1,200,000	1,200,000	1,200,000	400 (ug/kg)
cis-1,3-Dichloropropene	6,400	57,000	1,200,000	1,100	2,100	390	4 (ug/kg)
Dibromochloromethane	1,600,000	41,000,000	41,000,000	1,300,000	1,300,000	1,300,000	400 (ug/kg)
Diesel fuel no. 2							(mg/kg)
Ethene, 1,2-dichloro-, (E)-	1,600,000	41,000,000	41,000,000	3,100,000	3,100,000	3,100,000	700 (ug/kg)
Gasoline							(mg/kg)
Methyl bromide	110,000	2,900,000	1,000,000	10,000	15,000	3,900	200 (ug/kg)
Methyl chloride (Chloromethane)	---	---	---	---	---	---	---
Methyl ethyl ketone	47,000,000	1,000,000,000	410,000,000	140,000,000	22,000,000	140,000	17,000 (ug/kg)
Methyl isobutyl ketone (MIBK)	---	---	---	---	---	---	---
Methyl tert-butyl ether	780,000	20,000,000	140,000	8,800,000	8,800,000	140,000	320 (ug/kg)
Methylene chloride	85,000	760,000	12,000,000	13,000	24,000	34,000	20 (ug/kg)
Styrene	16,000,000	410,000,000	41,000,000	1,500,000	1,500,000	430,000	4,000 (ug/kg)
Tetrachloroethylene	12,000	110,000	2,400,000	11,000	1,500,000	430,000	60 (ug/kg)
trans-1,3-Dichloropropene	6,400	57,000	1,200,000	1,100	2,100	390	4 (ug/kg)
Trichloroethylene	58,000	520,000	1,200,000	5,000	8,900	12,000	60 (ug/kg)
Triphenylene	---			---			---
Vinyl chloride	300	7,900	170,000	30	1,100	1,100	10 (ug/kg)

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