

Table 5-1b
RISK BASED SCREENING LEVELS FOR a RESIDENT ADULT

Chemical Name	SURFICIAL SOIL	SUB-SURFACE SOIL	GROUND WATER
	Inhalation of Vapors and Particulates, Dermal Contact with, and Accidental Ingestion (mg/kg)	Indoor Inhalation of Vapor Emissions (mg/kg)	Indoor Inhalation of Vapor Emissions (<i>u</i> g/kg)
Benzene	16	0.262	258
Toluene	1310*	670	430000
Ethylbenzene	82.4	2.24	787
Xylenes (mixed)	421*	25.2	9830
1,2 Dichloroethane (DCA)	6.28	0.124	309
Methyl tert-Butyl Ether (MtBE)	589	12.4	67200
Naphthalene	31.4	11.2	829
Ethylene Dibromide (EDB)	0.485	0.019	45.40

Oct-10

Notes:

Soil concentrations are presented on a dry weight bases

*: Calculated RBSL's exceeded saturated soil concentrations and hence saturated soil concentrations are listed as RBSL's.