

Table 5-1a
RISK BASED SCREENING LEVELS FOR a RESIDENT CHILD

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	15.3	0.558	550
Toluene	1310*	285	183000
Ethylbenzene	78.6	4.78	1680
Xylenes (mixed)	191	10.7	4190
1,2 Dichloroethane (DCA)	6	0.265	658
Methyl tert-Butyl Ether (MtBE)	561	26.4	143000
Naphthalene	29.4	20.8	1540
Ethylene Dibromide (EDB)	0.462	0.045	96.60

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.