

TABLE 5-1(b)

TIER 3A RISK-BASED SCREENING LEVELS (RBSLs) FOR A RESIDENT ADULT

CHEMICALS OF CONCERN	SURFICIAL SOIL	SUB-SURFACE SOIL	GROUNDWATER
	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 [ug/L]
Benzene	10.9	0.112	243
Toluene	1040 *	34.6	28800
Ethylbenzene	641 *	166	73200
Xylenes (mixed)	706 *	706 *	175000 #
1,2 Dichloroethane (DCA)	4.84	0.0714	322
Methyl Tertbutyl Ether (MtBE)	9850 *	376	1930000
Ethylene Dibromide (EDB)	0.0907	0.0214	67.2
Naphthalene	254	5607	3300

Note:

Soil concentrations are presented on a dry weight basis.

*: Calculated RBSLs exceeded saturated soil concentration and hence saturated soil concentrations are listed as RBSLs.

#: Calculated RBSLs exceeded pure component water solubility and hence water solubilities are listed as RBSLs.