

Ontario

	VAPOUR INTRUSION SCREENING LEVELS ($\mu\text{g}/\text{m}^3$) ^{1, 2, 3, 4}			
	Soil Vapour Residential	Soil Vapour Industrial/Commercial	Indoor Air Residential	Indoor Air Industrial/Commercial
Benzene	253	[205,000] 76,000	0.506	1.63
Tetrachloroethylene	214	[181,000] 73,900	4.28	13.8
Trichloroethylene	13.6	[5,170] 2,020	0.271	0.401
Vinyl Chloride	6.32	[4,940] 1,680	0.126	0.406

Notes:

1. The term “Vapour Intrusion Screening Levels” or “VISLs” is used as a generic term for regulatory standards. Site-specific evaluation or mitigation is required if the VISLs are exceeded.
2. Ontario province VISLs are noted in the table. These values can be found [here \(Human Health Tab and Soil Vapour Tier 2 Tab\)](#). Values in brackets are in reference to medium/fine textured soil. Indoor air values listed are the lowest risk level.
3. A link to request [Canada’s Guidance for Soil Vapour Intrusion Assessment](#) publication is included for reference. This document was prepared to provide vapour intrusion guidance for federal departments.
4. $\mu\text{g}/\text{m}^3$ = Micrograms per cubic meter