

Nova Scotia

	VAPOUR INTRUSION SCREENING LEVELS (mg/m ³) ^{1, 4, 5}					
	Sub-Slab Agricultural/ Residential	Sub-Slab Commercial/ Industrial	Indoor Air Agricultural/ Residential	Indoor Air Commercial/ Industrial	Soil Vapour Agricultural/ Residential	Soil Vapour Commercial/ Industrial
Benzene²	0.02	0.52	0.00063	0.0052	12	280
Tetrachloroethylene (PCE)³	0.27	2.9	0.038	0.14	16	160
Trichloroethylene (TCE)	0.013	0.040	0.002	0.002	0.79	2.2
Vinyl Chloride	0.038	0.95/1.9	0.0011	0.0094/0.019	2.0	49/97

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. The VISLs for Benzene were listed [here](#).
3. Nova Scotia is part of the Atlantic Provinces partnership for Risk-Based Corrective Action at petroleum sites. These documents only have data for select petroleum hydrocarbons, PCE, and TCE. Site-specific values for PCE and TCE should be determined using the document located [here](#).
4. 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.
5. mg/m³ = Milligrams per cubic meter