

# South Dakota

|                            | VAPOR INTRUSION SCREENING LEVELS ( $\mu\text{g}/\text{m}^3$ ) <sup>1, 2, 3</sup> |                                |                        |                                  |
|----------------------------|--|--------------------------------|------------------------|----------------------------------|
|                            | Sub-Slab Residential   | Sub-Slab Industrial/Commercial | Indoor Air Residential | Indoor Air Industrial/Commercial |
| <b>Benzene</b>             | 12   | 52                             | 0.36                   | 1.6                              |
| <b>Tetrachloroethylene</b> | 360  | 1,600                          | 11                     | 47                               |
| <b>Trichloroethylene</b>   | 16   | 100                            | 0.48                   | 3.0                              |
| <b>Vinyl Chloride</b>      | 5.6  | 93                             | 0.17                   | 2.8                              |

Notes:

1. United States Environmental Protection Agency's (US EPA) Vapor Intrusion Screening Levels (VISLs) are noted in the table and can be found [here](#). The term "Vapor Intrusion Screening Levels" or "VISLs" is used as a generic term for regulatory standards.
2. The South Dakota Department of Environment and Natural Resources (DENR) does not have stand-alone vapor intrusion guidance and defaults to US EPA guidance.
3. Site-specific evaluation or mitigation is required if the VISLs are exceeded. Refer to the [DENR Look-Up Tables for more information](#).