

Appendix A - § 35-APX-A5 - PFAS Soil-to-Groundwater Screening Values

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(see notes at end of table)

Analyte	CAS Number	Soil to Groundwater Screening Values (µg/kg)
Perfluoroheptanoic acid (PFHpA)	375-85-9	0.84
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.38
Perfluorononanoic acid (PFNA)	375-95-1	0.44
Perfluorooctane sulfonic acid (PFOS)	1763-23-1	3.40
Perfluorooctanic Acid (PFOA)	335-67-1	1.60

Notes:

µg/kg - micrograms per kilogram

Exceedance of screening values indicates evaluation of soil-to-groundwater pathway is required.

Soil-to-Groundwater screening values derived from the 95% Upper Tolerance Limit (UTLs) presented in Table 7, PFAS Background in Vermont Shallow Soils (Zhu, Roakes, Zemba, and Badireddy, 2019).

Statistical analyses were performed on raw data with additional precision, and all results have been rounded to two significant digits.