

Default RVISLs July 2022

Default UMTRCA-Based (Working Resident)

Radon Isotope	Target Indoor Air Concentration $C_{i,a}$ TWL=0.02 (pCi/m ³)	Target Indoor Air Concentration $C_{i,a}$ TWL=0.02 (pCi/L)	Target Sub-Slab and Exterior Soil Gas Concentration TWL=0.02 (pCi/m ³)	Target Sub-Slab and Exterior Soil Gas Concentration TWL=0.02 (pCi/L)	Target Groundwater Concentration TWL=0.02 (pCi/L)
<i>A_{eq}-based RVISL for Rn-219</i>	3.78E+03	3.78E+00	1.26E+05	1.26E+02	8.71E+02
<i>A_{eq}-based RVISL for Rn-220</i>	7.12E+02	7.12E-01	2.37E+04	2.37E+01	1.64E+02
<i>A_{eq}-based RVISL for Rn-222</i>	2.25E+03	2.25E+00	7.49E+04	7.49E+01	5.18E+02

Default UMTRCA-Based (Working Commercial Worker)

Radon Isotope	Target Indoor Air Concentration $C_{i,a}$ TWL=0.02 (pCi/m ³)	Target Indoor Air Concentration $C_{i,a}$ TWL=0.02 (pCi/L)	Target Sub-Slab and Exterior Soil Gas Concentration TWL=0.02 (pCi/m ³)	Target Sub-Slab and Exterior Soil Gas Concentration TWL=0.02 (pCi/L)	Target Groundwater Concentration TWL=0.02 (pCi/L)
<i>A_{eq}-based RVISL for Rn-219</i>	5.08E+03	5.08E+00	1.69E+05	1.69E+02	1.17E+03
<i>A_{eq}-based RVISL for Rn-220</i>	2.87E+03	2.87E+00	9.57E+04	9.57E+01	6.61E+02
<i>A_{eq}-based RVISL for Rn-222</i>	2.77E+03	2.77E+00	9.25E+04	9.25E+01	6.39E+02

Default Risk-Based Resident

Radon Isotope	Target Indoor Air Concentration $C_{i,a}$ TR=1E-06 (pCi/m ³)	Target Indoor Air Concentration $C_{i,a}$ TR=1E-06 (pCi/L)	Target Sub-Slab and Exterior Soil Gas Concentration TR=1E-06 (pCi/m ³)	Target Sub-Slab and Exterior Soil Gas Concentration TR=1E-06 (pCi/L)	Target Groundwater Concentration TR=1E-06 (pCi/L)
<i>A_{eq}-based RVISL for Rn-219</i>	1.78E-01	1.78E-04	5.92E+00	5.92E-03	4.09E-02
<i>A_{eq}-based RVISL for Rn-220</i>	3.23E-02	3.23E-05	1.08E+00	1.08E-03	7.44E-03
<i>A_{eq}-based RVISL for Rn-222</i>	4.57E-02	4.57E-05	1.52E+00	1.52E-03	1.05E-02

Default RVISLs July 2022

Default Risk-Based Commercial Worker

Radon Isotope	Target Indoor Air Concentration $C_{i,a}TR=1E-06$ (pCi/m ³)	Target Indoor Air Concentration $C_{i,a}TR=1E-06$ (pCi/L)	Target Sub-Slab and Exterior Soil Gas Concentration $TR=1E-06$ (pCi/m ³)	Target Sub-Slab and Exterior Soil Gas Concentration $TR=1E-06$ (pCi/L)	Target Groundwater Concentration $TR=1E-06$ (pCi/L)
<i>A_{eq}</i> -based RVISL for Rn-219	3.01E-01	3.01E-04	1.00E+01	1.00E-02	6.94E-02
<i>A_{eq}</i> -based RVISL for Rn-220	1.17E-01	1.17E-04	3.88E+00	3.88E-03	2.68E-02
<i>A_{eq}</i> -based RVISL for Rn-222	7.80E-02	7.80E-05	2.60E+00	2.60E-03	1.80E-02

Default Dose-Based Resident

Radon Isotope	Target Indoor Air Concentration $C_{i,a}TDL=1$ (pCi/m ³)	Target Indoor Air Concentration $C_{i,a}TDL=1$ (pCi/L)	Target Sub-Slab and Exterior Soil Gas Concentration $TDL=1$ (pCi/m ³)	Target Sub-Slab and Exterior Soil Gas Concentration $TDL=1$ (pCi/L)	Target Groundwater Concentration $TDL=1$ (pCi/L)
<i>A_{eq}</i> -based RVISL for Rn-219	3.70E+00	3.70E-03	1.23E+02	1.23E-01	8.52E-01
<i>A_{eq}</i> -based RVISL for Rn-220	1.38E+00	1.38E-03	4.59E+01	4.59E-02	3.17E-01
<i>A_{eq}</i> -based RVISL for Rn-222	1.87E+00	1.87E-03	6.23E+01	6.23E-02	4.31E-01

Default Dose-Based Commercial Worker

Radon Isotope	Target Indoor Air Concentration $C_{i,a}TDL=1$ (pCi/m ³)	Target Indoor Air Concentration $C_{i,a}TDL=1$ (pCi/L)	Target Sub-Slab and Exterior Soil Gas Concentration $TDL=1$ (pCi/m ³)	Target Sub-Slab and Exterior Soil Gas Concentration $TDL=1$ (pCi/L)	Target Groundwater Concentration $TDL=1$ (pCi/L)
<i>A_{eq}</i> -based RVISL for Rn-219	6.04E+00	6.04E-03	2.01E+02	2.01E-01	1.39E+00
<i>A_{eq}</i> -based RVISL for Rn-220	4.75E+00	4.75E-03	1.58E+02	1.58E-01	1.09E+00
<i>A_{eq}</i> -based RVISL for Rn-222	3.04E+00	3.04E-03	1.01E+02	1.01E-01	6.99E-01