

Table 6.4. Potential maximum individual EDEs from use of off-site waters (mrem)^{a, b}

Location	Eating fish	Swimming or wading	Boating	Using shoreline	Total
Clinch River above all DOE input (CRK 84)	1.7E-1 3.5E-2	1.2E-4	3.9E-5	6.5E-2	2.4E-1
Clinch River at Oak Ridge Marina (CRK 80)	9.3E-1 2.4E-2	2.3E-4	9.4E-5	2.1E-1	1.1E+0
Clinch River above Oak Ridge city water intake (CRK 66)	4.2E-1 2.5E-3	1.3E-4	5.9E-5	9.8E-2	5.2E-1
Clinch River at Knox County water intake (CRK 58)	3.8E-1	5.2E-5	1.7E-5	2.9E-2	4.1E-1
Clinch River below ORNL (CRK 32)	4.8E-1 1.3E-1	7.6E-5	3.4E-5	5.6E-2	5.4E-1
Clinch River at K-25 Site water intake (CRK 23)	3.8E-1	4.2E-5	1.8E-5	3.0E-2	4.1E-1
Clinch River below all DOE inputs (CRK 16)	5.1E-1 8.0E-2	1.2E-4	5.9E-5	9.8E-2	6.1E-1
Tennessee River at Kingston Water Plant intake (TRK 915)	2.4E-1	5.5E-6	8.2E-8	9.4E-4	2.4E-1
Poplar Creek above union with East Fork Poplar Creek (PCK 22)	2.8E-1	1.7E-7	8.6E-8	1.1E-3	2.8E-1
Poplar Creek below the K-25 Site (PCK 2.2)	7.6E-1 6.9E-2		4.6E-5		7.6E-1

^aTo convert mrem to mSv, divide the given values by 100.

^bAll values are based on measured concentrations of radionuclides in water except the second set of values for eating fish, which are based on measured concentrations of radionuclides in fish.