

2009 Radioaktivität im Oberflächenwasser (Bq/l) und Sediment (Bq/kg(TM))

HPN	Probenbez.	(K 40)	(Co 60)	(Ru 103)	(I 131)	(Cs 134)	(Cs 137)	(Ce 144)	(Sr 90)	(Be 7)	(Pu 23940)	(Pu 238)	(U 238)	(U 235)	(U 234)	(H 3)	(Pb 210)
Bremen																	
0903G11A0	Oberflächenw.	1.94E-01	< 2.83E-03	< 5.27E-03	< 3.97E-02	< 2.83E-03	< 3.06E-03	< 1.80E-02	< 1.02E-03		< 3.01E-04	< 7.54E-04	1.92E-03	1.89E-04	2.36E-03	< 3.35E+00	
0906G11A0	Oberflächenw.	2.22E-01	< 2.15E-03	< 4.89E-03	< 6.62E-02	< 2.22E-03	< 2.38E-03	< 2.26E-02	2.75E-03	< 3.74E-02	< 4.81E-04	< 3.38E-03	1.22E-03	1.42E-04	2.04E-03	< 3.44E+00	
0909G11A0	Oberflächenw.	1.59E-01	< 1.50E-03	< 4.47E-03	< 6.20E-02	< 2.01E-03	< 2.22E-03	< 2.15E-02								< 3.40E+00	
0912G11A0	Oberflächenw.	2.05E-01	< 2.01E-03	< 3.96E-03	< 2.80E-02	< 2.12E-03	< 2.30E-03	< 2.20E-02								< 3.55E+00	
0903G13A0	Sediment	4.24E+02	< 1.45E-01	< 1.56E-01	5.08E-01	< 1.47E-01	1.11E+01	< 1.68E+00		5.70E+01							1.72E+02
0906G13A0	Sediment	5.98E+02	< 4.06E-01	< 3.94E-01	3.77E+00	< 3.79E-01	1.40E+01	< 4.37E+00		1.66E+02							3.24E+02
0909G13A0	Sediment	4.68E+02	3.69E-01	< 3.08E-01	< 6.94E-01	< 3.25E-01	1.12E+01	< 2.66E+00		1.01E+02							
0912G13A0	Sediment	3.74E+02	< 6.33E-01	< 7.17E-01	< 1.19E+00	< 7.89E-01	1.60E+01	< 6.02E+00		9.30E+01							4.87E+01
Bremerhaven																	
0903G12B0	Oberflächenw.	1.74E-01	< 5.92E-03	< 1.17E-02	< 1.02E-01	< 5.60E-03	< 6.35E-03	< 3.78E-02	5.47E-03		< 5.30E-04	< 6.09E-04	2.95E-03	2.20E-04	3.31E-03	< 4.04E+00	
0906G12B0	Oberflächenw.	1.29E-01	< 2.79E-03	< 7.46E-03	< 5.93E-02	< 2.75E-03	< 3.10E-03	< 2.96E-02	3.58E-03	< 5.09E-02	< 5.37E-04	< 2.97E-03	2.07E-03	1.19E-04	2.18E-03	< 4.14E+00	
0909G12B0	Oberflächenw.	1.05E-01	< 1.84E-03	< 1.10E-03	< 9.46E-03	< 6.93E-04	< 8.54E-04	< 3.59E-03								< 3.40E+00	
0912G12B0	Oberflächenw.	1.83E-01	< 1.75E-03	< 4.68E-03	< 5.68E-02	< 1.84E-03	< 1.96E-03	< 1.87E-02								< 3.55E+00	
0903G14B0	Sediment	4.77E+02	< 2.72E-01	< 3.17E-01	< 5.74E-01	< 2.89E-01	1.53E+01	< 2.53E+00		2.01E+02							5.67E+01
0906G14B0	Sediment	4.27E+02	< 1.48E-01	< 1.60E-01	< 2.14E-01	< 1.67E-01	2.66E+01	< 1.37E+00		4.74E+01							
0909G14B0	Sediment	3.97E+02	< 3.00E-01	< 3.64E-01	< 5.50E-01	< 3.23E-01	1.33E+01	< 3.31E+00		1.54E+02							1.70E+02
0912G14B0	Sediment	5.01E+02	< 4.24E-01	< 4.12E-01	< 6.05E-01	< 4.02E-01	1.43E+01	< 3.17E+00		1.95E+02							4.51E+01
Maximalwerte:		5.98E+02	6.33E-01	7.17E-01	3.77E+00	7.89E-01	2.66E+01	6.02E+00	5.47E-03	2.01E+02	5.37E-04	3.38E-03	2.95E-03	2.20E-04	3.31E-03	4.14E+00	3.24E+02
Minimalwerte:		1.05E-01	1.50E-03	1.10E-03	9.46E-03	6.93E-04	8.54E-04	3.59E-03	1.02E-03	3.74E-02	3.01E-04	6.09E-04	1.22E-03	1.19E-04	2.04E-03	3.35E+00	4.51E+01
Mittelwerte :		2.29E+02	1.70E-01	1.79E-01	5.33E-01	1.78E-01	7.61E+00	1.58E+00	3.21E-03	1.01E+02	4.62E-04	1.93E-03	2.04E-03	1.68E-04	2.47E-03	3.61E+00	1.36E+02
Achtung: Berechnete Minimal-, Maximal- und Mittelwerte stellen nur Arbeitshilfen dar, da sie die Bedeutung von Werten unter der Nachweisgrenze nicht berücksichtigen!																	