

**2011 Radioaktivität im Oberflächenwasser (Bq/l) und Sediment (Bq/kg(TM))**

HPN	Probe	K 40	Co 60	Ru 103	I 131	Cs 134	Cs 137	Ce 144	Sr 90	H 3	Be 7	Pb 210	U 234	Pu 23940	Pu 238	U 238	U 235
<b>Bremen</b>																	
1103G11A0	Oberflächenwasser	2.28E-01	< 5.96E-03	< 8.04E-03	< 3.31E-02	< 5.37E-03	< 6.58E-03	< 4.76E-02	2.12E-03	< 3.75E+00			< 9.27E-03	< 3.89E-04	< 8.60E-04	< 6.54E-03	< 7.80E-03
1106G11A0	Oberflächenwasser	2.39E-01	< 5.60E-03	< 1.32E-02	< 1.22E-01	< 6.20E-03	< 6.89E-03	< 6.66E-02	2.19E-03	< 3.80E+00			2.39E-03	< 6.78E-04	< 1.59E-03	1.72E-03	< 2.97E-04
1109G11A0	Oberflächenwasser	1.60E-01	< 9.16E-03	< 1.75E-02	< 1.58E-01	< 9.60E-03	< 1.00E-02	< 6.78E-02		< 3.70E+00							
1112G11A0	Oberflächenwasser	2.97E-01	< 6.79E-03	< 1.35E-02	< 1.11E-01	< 7.69E-03	< 7.93E-03	< 7.30E-02		< 3.56E+00							
1103G13A0	Sediment	3.92E+02	< 9.20E-01	< 9.87E-01	< 1.31E+00	< 1.16E+00	1.93E+01	< 7.68E+00			1.58E+02						
1106G13A0	Sediment	4.32E+02	< 9.63E-01	< 1.37E+00	< 4.58E+00	< 1.01E+00	2.24E+01	< 9.44E+00			1.90E+02						
1109G13A0	Sediment	3.68E+02	< 5.75E-01	< 6.30E-01	< 8.23E-01	< 7.49E-01	1.33E+01	< 5.15E+00			1.82E+02	1.81E+02					
1112G13A0	Sediment	4.89E+02	< 1.17E+00	< 1.05E+00	< 1.36E+00	< 1.11E+00	2.25E+01	< 8.59E+00			2.86E+02						
<b>Bremerhaven</b>																	
1103G12B0	Oberflächenwasser	1.43E-01	< 3.88E-03	< 5.88E-03	< 2.76E-02	< 3.97E-03	< 4.35E-03	< 2.82E-02	6.62E-03	< 3.80E+00			2.92E-03	< 7.30E-04	< 1.32E-03	3.59E-03	< 7.12E-04
1106G12B0	Oberflächenwasser	2.18E-01	< 6.42E-03	< 1.60E-02	< 1.70E-01	< 6.36E-03	< 6.78E-03	< 6.48E-02	5.77E-03	< 3.80E+00			3.55E-03	< 4.80E-04	< 1.17E-03	4.19E-03	< 1.01E-03
1109G12B0	Oberflächenwasser	1.35E-01	< 7.77E-03	< 2.08E-02	< 3.17E-01	< 8.28E-03	< 8.99E-03	< 8.25E-02		< 3.70E+00							
1112G12B0	Oberflächenwasser	1.86E-01	< 8.57E-03	< 2.31E-02	< 8.33E-01	< 8.96E-03	< 9.60E-03	< 6.65E-02		< 3.56E+00							
1103G14B0	Sediment	4.47E+02	< 3.39E-01	< 3.76E-01	< 7.93E-01	< 4.39E-01	1.39E+01	< 2.67E+00			1.35E+02						
1106G14B0	Sediment	6.83E+02	< 3.34E-01	< 3.62E-01	< 5.29E-01	8.76E-01	2.54E+01	< 3.76E+00			2.41E+02	8.56E+02					
1109G14B0	Sediment	5.29E+02	< 3.26E-01	< 3.54E-01	< 5.47E-01	< 4.25E-01	1.55E+01	< 3.21E+00			2.44E+02						
1112G14B0	Sediment	5.68E+02	< 6.64E-01	< 6.94E-01	< 8.69E-01	< 6.80E-01	1.23E+01	< 6.77E+00									
<b>Maximalwerte:</b>		6.83E+02	1.17E+00	1.37E+00	4.58E+00	1.16E+00	2.54E+01	9.44E+00	6.62E-03	3.80E+00	2.86E+02	8.56E+02	9.27E-03	7.30E-04	1.59E-03	6.54E-03	7.80E-03
<b>Minimalwerte:</b>		2.28E-01	5.96E-03	8.04E-03	3.31E-02	5.37E-03	6.58E-03	4.76E-02	2.12E-03	3.75E+00	0.00E+00	0.00E+00	9.27E-03	3.89E-04	8.60E-04	6.54E-03	7.80E-03
<b>Mittelwerte :</b>		2.44E+02	3.34E-01	3.71E-01	7.86E-01	4.07E-01	9.04E+00	2.99E+00	4.18E-03	3.71E+00	1.58E+02	518.5	4.53E-03	5.69E-04	1.24E-03	4.01E-03	7.80E-03
<b>Achtung: Berechnete Minimal-, Maximal- und Mittelwerte stellen nur Arbeitshilfen dar, da sie die Bedeutung von Werten unter der Nachweisgrenze nicht berücksichtigen!</b>																	