

2014 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	H 3	Be 7	Sr 90	Pb 210	U 234	U 235	U 238	Pu 238	Pu 23940	
Bremen																		
1403G11A0	Oberflächenwasser	2.28E-01	< 7.80E-03	< 1.79E-02	< 2.07E-01	< 7.72E-03	< 8.37E-03	< 7.93E-02	< 3.76E+00		2.11E-03		< 7.01E-03	< 1.69E-03	2.92E-03	< 2.75E-03	< 2.85E-03	
1406G11A0	Oberflächenwasser	2.24E-01	< 6.12E-03	< 2.46E-02	< 2.65E+00	< 6.63E-03	< 6.80E-03	< 6.41E-02	< 3.71E+00		2.55E-03		< 5.81E-03	< 1.89E-03	< 2.92E-03	< 1.33E-03	< 7.98E-04	
1409G11A0	Oberflächenwasser	1.50E-01	< 6.18E-03	< 3.60E-02	< 1.36E+01	< 6.50E-03	< 6.55E-03	< 6.80E-02	< 4.00E+00	< 2.11E-01								
1412G11A0	Oberflächenwasser	2.09E-01	< 9.19E-03	< 2.33E-02	< 6.04E-01	< 9.11E-03	< 9.59E-03	< 6.84E-02	< 3.85E+00	< 1.62E-01		< 4.35E-01						
1403G13A0	Sediment	3.50E+02	< 5.32E-01	< 6.86E-01	< 1.18E+00	< 6.05E-01	3.03E+01	< 6.42E+00		1.30E+02								
1406G13A0	Sediment	2.75E+02	< 1.82E-01	< 2.35E-01	< 3.27E-01	< 2.15E-01	1.55E+01	< 2.47E+00										
1409G13A0	Sediment	2.83E+02	< 1.65E-01	< 2.37E-01	< 7.52E-01	< 1.74E-01	1.52E+01	< 2.13E+00		5.93E+01		4.39E+02						
1412G13A0	Sediment	3.74E+02	< 8.79E-01	< 1.37E+00	< 7.20E+00	< 9.30E-01	3.03E+01	< 8.67E+00		3.80E+02		4.24E+02						
Bremerhaven																		
1403G12B0	Oberflächenwasser	< 3.50E-01	< 1.65E-02	< 3.90E-02	< 1.18E+00	< 1.57E-02	< 1.68E-02	< 1.13E-01	< 3.76E+00		6.99E-04		4.04E-03	< 4.64E-04	3.29E-03	< 2.31E-03	< 1.03E-03	
1406G12B0	Oberflächenwasser	1.91E-01	< 5.16E-03	< 1.60E-02	< 1.73E+00	< 4.82E-03	< 5.86E-03	< 4.87E-02	< 3.43E+00		4.87E-03		4.20E-03	< 1.70E-03	2.53E-03	< 1.26E-03	< 1.33E-04	
1409G12B0	Oberflächenwasser	2.32E-01	< 3.40E-03	< 1.07E-02	< 5.12E-01	< 3.67E-03	< 3.85E-03	< 3.70E-02	< 3.97E+00									
1412G12B0	Oberflächenwasser	< 3.18E-01	< 1.75E-02	< 4.42E-02	< 1.04E+00	< 1.66E-02	< 1.79E-02	< 1.28E-01	< 4.00E+00	< 3.13E-01		< 8.69E-01						
1403G14B0	Sediment	4.84E+02	< 5.06E-01	< 5.46E-01	< 8.13E-01	< 5.51E-01	1.23E+01	< 4.46E+00		1.66E+02								
1406G14B0	Sediment	4.98E+02	< 2.59E-01	< 3.05E-01	< 4.75E-01	< 2.93E-01	1.21E+01	< 2.77E+00										
1409G14B0	Sediment	5.53E+02	< 3.17E-01	< 3.49E-01	< 4.34E-01	< 3.56E-01	1.44E+01	< 2.99E+00		2.06E+02		2.27E+02						
1412G14B0	Sediment	5.27E+02	< 5.56E-01	< 6.30E-01	< 1.18E+00	< 5.26E-01	1.36E+01	< 5.66E+00		1.03E+02		2.92E+02						
Maximalwerte:		5.53E+02	8.79E-01	1.37E+00	1.36E+01	9.30E-01	3.03E+01	8.67E+00	4.00E+00	3.80E+02	4.87E-03	4.39E+02	7.01E-03	1.89E-03	3.29E-03	2.75E-03	2.85E-03	
Minimalwerte:		2.28E-01	7.80E-03	1.79E-02	2.07E-01	7.72E-03	8.37E-03	7.93E-02	3.76E+00	1.03E+02	2.11E-03	2.92E+02	7.01E-03	1.69E-03	2.92E-03	2.75E-03	2.85E-03	
Mittelwerte :		2.09E+02	2.17E-01	2.86E-01	2.12E+00	2.33E-01	8.99E+00	2.26E+00	3.81E+00	1.16E+02	2.56E-03	230.5507	5.27E-03	1.44E-03	2.92E-03	1.91E-03	1.20E-03	
Achtung: Berechnete Minimal-, Maximal- und Mittelwerte stellen nur Arbeitshilfen dar, da sie die Bedeutung von Werten unter der Nachweisgrenze nicht berücksichtigen!																		