

**2017 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	
<b>Bremen</b>																		
1703G11A0	Oberflächenwasser	1.96E-01	< 4.57E-03	< 1.92E-02	< 2.23E+00	< 5.24E-03	< 5.59E-03	< 5.02E-02	< 3.59E+00		2.03E-03	< 1.62E-01	3.32E-03	< 9.64E-04	2.76E-03	< 1.69E-03	< 1.42E-03	
1706G11A0	Oberflächenwasser	1.86E-01	< 6.52E-03	< 1.33E-02	< 1.40E-01	< 6.93E-03	< 7.13E-03	< 5.40E-02	< 3.54E+00		1.88E-03		4.94E-03	< 7.57E-03	5.23E-03	< 3.19E-04	< 2.65E-04	
1709G11A0	Oberflächenwasser	2.90E-01	< 3.93E-03	< 9.48E-03	< 2.12E-01	< 3.94E-03	< 4.23E-03	< 3.34E-02	< 3.64E+00			< 1.46E-01						
1712G11A0	Oberflächenwasser	3.26E-01	< 8.03E-03	< 2.04E-02	< 1.29E+00	< 6.32E-03	< 9.88E-03	< 3.14E-02	< 3.59E+00									
1703G13A0	Sediment	3.05E+02	< 1.94E+00	< 2.25E+00	< 4.01E+00	< 1.86E+00	2.19E+01	< 1.71E+01				1.65E+02						
1706G13A0	Sediment	4.56E+02	< 8.85E-01	< 9.49E-01	< 2.03E+00	< 8.77E-01	2.32E+01	< 8.55E+00										
1709G13A0	Sediment	3.38E+02	< 4.73E-01	< 5.35E-01	< 9.91E-01	< 4.83E-01	1.99E+01	< 4.43E+00				3.67E+02						
1712G13A0	Sediment	3.48E+02	< 6.03E-01	< 6.46E-01	< 8.66E-01	< 6.42E-01	2.22E+01	< 5.85E+00				4.64E+02						
<b>Bremerhaven</b>																		
1703G12B0	Oberflächenwasser	< 3.46E-01	< 1.46E-02	< 4.54E-02	< 3.68E+00	< 1.32E-02	< 1.86E-02	< 6.67E-02	< 3.59E+00		5.26E-03	< 9.98E-01	6.47E-03	< 1.35E-03	4.51E-03	< 5.92E-04	< 5.89E-04	
1706G12B0	Oberflächenwasser	1.32E-01	< 6.99E-03	< 1.75E-02	< 1.80E-01	< 6.65E-03	< 1.17E-02	< 6.31E-02	< 3.46E+00		5.52E-03	< 2.55E-01	4.30E-03	< 2.49E-03	3.52E-03	< 3.94E-04	< 3.43E-04	
1709G12B0	Oberflächenwasser	< 8.68E-02	< 4.31E-03	< 1.30E-02	< 9.76E-01	< 4.26E-03	< 7.91E-03	< 4.04E-02	< 3.49E+00			< 2.48E-01						
1712G12B0	Oberflächenwasser	2.04E-01	< 1.08E-02	< 2.75E-02	< 1.74E+00	< 8.19E-03	< 1.06E-02	< 4.00E-02	< 3.60E+00									
1703G14B0	Sediment	4.35E+02	< 4.58E-01	< 4.67E-01	< 7.24E-01	< 4.16E-01	6.69E+00	< 3.91E+00				2.16E+02						
1706G14B0	Sediment	7.52E+02	< 6.41E-01	< 6.59E-01	< 1.26E+00	< 5.85E-01	1.36E+01	< 5.60E+00										
1709G14B0	Sediment	5.00E+02	< 1.85E-01	< 1.89E-01	< 2.94E-01	< 1.83E-01	8.53E+00	< 1.50E+00				1.74E+02						
1712G14B0	Sediment	6.41E+02	< 4.65E-01	< 4.27E-01	< 5.60E-01	< 4.22E-01	9.46E+00	< 3.67E+00				2.34E+02						
Maximalwerte:		7.52E+02	1.94E+00	2.25E+00	4.01E+00	1.86E+00	2.32E+01	1.71E+01	3.64E+00	0.00E+00	5.52E-03	4.64E+02	6.47E-03	7.57E-03	5.23E-03	1.69E-03	1.42E-03	
Minimalwerte:		1.96E-01	4.57E-03	1.92E-02	5.60E-01	5.24E-03	5.59E-03	5.02E-02	3.59E+00	0.00E+00	2.03E-03	1.62E-01	3.32E-03	9.64E-04	2.76E-03	1.69E-03	1.42E-03	
Mittelwerte :		2.36E+02	3.57E-01	3.93E-01	1.32E+00	3.45E-01	7.85E+00	3.19E+00	3.56E+00		3.67E-03	147.4372	4.76E-03	3.09E-03	4.01E-03	7.49E-04	6.54E-04	
Achtung: Berechnete Minimal-, Maximal- und Mittelwerte stellen nur Arbeitshilfen dar, da sie die Bedeutung von Werten unter der Nachweisgrenze nicht berücksichtigen!																		