

### 2018 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	Pb 210	Sr 90	U 234	U 235	U 238	Pu 238	Pu 23940
<b>Bremen</b>																	
1803G11A0	Oberflächenwasser	< 1.41E-01	< 6.22E-03	< 1.17E-02	< 1.06E-01	< 6.08E-03	< 6.77E-03	< 3.07E-02	< 4.35E+00	< 8.55E-02	< 1.93E-01	5.76E-03	2.01E-03	< 1.41E-03	< 1.08E-03	< 5.49E-04	< 2.01E-04
1806G11A0	Oberflächenwasser	2.13E-01	< 4.00E-03	< 8.37E-03	< 1.26E-01	< 4.27E-03	< 4.40E-03	< 3.35E-02	< 3.66E+00	< 6.15E-02		1.71E-03	< 2.39E-03	< 6.94E-04	2.41E-03	< 3.52E-04	< 1.74E-04
1809G11A0	Oberflächenwasser	1.52E-01	< 3.64E-03	< 1.35E-02	< 1.12E+00	< 3.83E-03	< 6.53E-03	< 3.51E-02	< 4.48E+00	< 8.51E-02	< 1.18E-01						
1812G11A0	Oberflächenwasser	1.79E-01	< 6.34E-03	< 1.70E-02	< 6.68E-01	< 5.93E-03	< 6.72E-03	< 5.45E-02	< 3.56E+00	< 1.08E-01	< 1.88E-01						
1803G13A0	Sediment	3.51E+02	< 5.29E-01	< 6.14E-01	< 8.98E-01	< 5.66E-01	2.58E+01	< 5.13E+00		7.90E+01	3.48E+02						
1806G13A0	Sediment	3.78E+02	< 6.98E-01	< 7.80E-01	< 1.29E+00	< 7.49E-01	2.74E+01	< 6.55E+00		1.96E+02	1.32E+02						
1809G13A0	Sediment	2.64E+02	< 2.77E-01	< 3.36E-01	< 6.31E-01	< 3.08E-01	1.24E+01	< 2.83E+00		3.91E+01	1.78E+02						
1812G13A0	Sediment	4.66E+02	< 6.08E-01	< 6.89E-01	< 1.19E+00	< 6.38E-01	3.18E+01	< 6.30E+00		2.79E+02	3.06E+02						
<b>Bremerhaven</b>																	
1803G12B0	Oberflächenwasser	2.07E-01	< 2.19E-03	< 7.21E-04	< 2.52E-02	< 2.21E-03	< 2.46E-03	< 1.80E-02	< 4.33E+00	2.84E-02		6.50E-03	3.53E-03	< 1.57E-03	2.26E-03	< 1.22E-03	< 3.83E-03
1812G12B0	Oberflächenwasser	< 1.51E-01	< 7.18E-03	< 2.00E-02	< 6.83E-01	< 6.39E-03	< 6.74E-03	< 4.39E-02	< 3.58E+00								
1803G14B0	Sediment	5.16E+02	< 2.07E-01	< 2.14E-01	< 2.97E-01	< 1.94E-01	7.88E+00	< 1.84E+00		1.25E+02	1.96E+02						
1812G14B0	Sediment	6.10E+02	< 5.93E-01	< 5.64E-01	< 7.37E-01	< 5.30E-01	1.02E+01	< 4.85E+00		2.24E+02	1.52E+02						

Maximalwerte:	6.10E+02	6.98E-01	7.80E-01	1.29E+00	7.49E-01	3.18E+01	6.55E+00	4.48E+00	2.79E+02	3.48E+02	6.50E-03	3.53E-03	1.57E-03	2.41E-03	1.22E-03	3.83E-03
Minimalwerte:	1.41E-01	2.19E-03	7.21E-04	2.52E-02	2.21E-03	2.46E-03	1.80E-02	3.56E+00	2.84E-02	1.18E-01	1.71E-03	2.01E-03	6.94E-04	1.08E-03	3.52E-04	1.74E-04
Mittelwerte:	2.59E+03	2.94E+00	3.27E+00	7.77E+00	3.01E+00	1.16E+02	2.77E+01	2.40E+01	9.42E+02	1.31E+03	1.40E-02	7.93E-03	3.67E-03	5.75E-03	2.12E-03	4.21E-03

Achtung: Berechnete Minimal-, Maximal- und Mittelwerte stellen nur Arbeitshilfen dar, da sie die Bedeutung von Werten unter der Nachweisgrenze nicht berücksichtigen!

Fehlende Proben: 1806G12B, 1806G14B, 1809G12B, 1809G14B