

### 2018 Radioaktivität in KA-Abwasser in Bq/l und Klärschlamm in Bq/kg(TM)

HPN	Probe	K 40	Co 60	Ru 103	I 131	Cs 134	Cs 137	Ce 144	Be 7	Pb 210	Sr 90	U 234	U 235	U 238	Pu 238	Pu 23940
<b>Bremen</b>																
1802A11A0	Abwasser	< 1.06E+00	< 4.85E-02	< 4.90E-02	1.64E-01	< 4.32E-02	< 4.66E-02	< 2.37E-01			< 1.18E-02	< 1.95E-02	< 2.54E-02	8.51E-03	< 8.22E-04	< 3.36E-04
1805A11A0	Abwasser	< 9.84E-01	< 5.05E-02	< 4.72E-02	3.56E-01	< 4.27E-02	< 4.85E-02	< 3.89E-01	< 4.04E-01							
1808A11A0	Abwasser	9.00E-01	< 3.46E-02	< 3.27E-02	7.53E-02	< 3.12E-02	< 3.31E-02	< 2.72E-01	< 2.77E-01		< 2.33E-02	< 1.62E-03	< 6.73E-03	< 5.16E-03	< 1.20E-03	< 1.08E-03
1811A11A0	Abwasser	< 1.09E+00	< 5.04E-02	< 4.78E-02	1.90E-01	< 4.35E-02	< 5.24E-02	< 3.25E-01	< 3.85E-01							
1802A13A0	Klärschlamm	2.39E+02	< 1.59E+00	< 1.66E+00	3.22E+01	< 1.51E+00	< 2.44E+00	< 1.30E+01	1.69E+02		1.08E+00	1.80E+01	< 2.24E+00	1.26E+01	< 1.10E-01	< 9.79E-02
1805A13A0	Klärschlamm	1.61E+02	< 1.17E+00	< 1.16E+00	3.70E+01	< 1.16E+00	< 1.36E+00	< 8.20E+00	1.11E+02							
1808A13A0	Klärschlamm	1.45E+02	< 8.79E-01	< 8.85E-01	1.81E+01	< 8.50E-01	1.72E+00	< 7.52E+00	8.52E+01	6.19E+01	1.23E+00	8.08E+00	< 4.93E+00	6.91E+00	< 1.35E-01	< 7.64E-02
1811A13A0	Klärschlamm	1.73E+02	< 1.19E+00	< 1.01E+00	3.98E+01	< 1.05E+00	< 1.26E+00	< 9.73E+00	4.99E+01	< 7.23E+01						
<b>Bremerhaven</b>																
1802A12B0	Abwasser	1.43E+00	< 2.24E-02	< 2.33E-02	1.58E-01	< 2.14E-02	< 3.70E-02	< 1.86E-01			< 4.04E-02	< 1.02E-02	< 1.18E-02	< 9.03E-03	< 1.09E-03	< 4.65E-04
1805A12B0	Abwasser	< 1.09E+00	< 5.51E-02	< 5.40E-02	7.84E-02	< 5.22E-02	< 8.22E-02	< 4.65E-01	< 4.83E-01							
1808A12B0	Abwasser	9.06E-01	< 5.05E-02	< 4.67E-02	< 6.49E-02	< 4.44E-02	< 5.24E-02	< 3.87E-01	< 4.05E-01	< 2.45E+00	< 1.20E-02	< 4.60E-03	< 1.52E-03	1.29E-03	< 1.36E-03	< 9.94E-04
1811A12B0	Abwasser	1.37E+00	< 2.75E-02	< 2.91E-02	8.82E-01	< 2.68E-02	< 5.28E-02	< 2.39E-01	< 2.52E-01	< 1.40E+00						
1802A14B0	Klärschlamm	2.83E+02	< 1.24E+00	< 1.38E+00	7.37E+01	< 1.10E+00	< 1.43E+00	< 9.64E+00	1.21E+02	< 6.80E+01	2.08E+00	1.38E+01	1.13E+00	1.23E+01	< 1.48E-01	< 1.30E-01
1805A14B0	Klärschlamm	2.16E+02	< 1.22E+00	< 1.09E+00	1.58E+01	< 1.09E+00	< 1.33E+00	< 8.33E+00	6.17E+01	< 7.84E+01						
1808A14B0	Klärschlamm	1.57E+02	< 8.83E-01	< 8.94E-01	2.20E+01	< 9.35E-01	< 1.29E+00	< 7.58E+00	8.70E+01	< 5.88E+01	< 9.46E-01	1.03E+01	< 8.20E-01	7.90E+00	< 1.16E-01	< 5.81E-02
1811A14B0	Klärschlamm	1.80E+02	< 4.62E-01	< 4.86E-01	4.60E+01	< 4.38E-01	< 7.54E-01	< 3.27E+00	4.56E+01	< 6.06E+01						
Maximalwerte:		2.83E+02	1.59E+00	1.66E+00	7.37E+01	1.51E+00	2.44E+00	1.30E+01	1.69E+02	7.84E+01	2.08E+00	1.80E+01	2.24E+00	1.26E+01	1.48E-01	1.30E-01
Minimalwerte:		9.00E-01	2.24E-02	2.33E-02	6.49E-02	2.14E-02	3.31E-02	1.86E-01	2.52E-01	1.40E+00	1.18E-02	1.62E-03	1.52E-03	1.29E-03	8.22E-04	3.36E-04
Mittelwerte:		7.09E+01	4.05E-01	4.00E-01	1.34E+01	3.79E-01	5.13E-01	3.11E+00	3.24E+02	1.71E+02	2.10E+00	2.11E+01	2.12E+00	1.64E+01	1.89E-01	1.44E-01
Achtung: Berechnete Minimal-, Maximal- und Mittelwerte stellen nur Arbeitshilfen dar, da sie die Bedeutung von Werten unter der Nachweisgrenze nicht berücksichtigen!																