

2017 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
Bremen																
1702A11A0	Abwasser	< 7.94E-01	< 4.16E-02	< 4.13E-02	1.85E-01	< 4.32E-02	< 4.46E-02	< 3.58E-01		< 2.28E+00	< 2.16E-02	1.57E-02	< 8.37E-03	1.28E-02	< 2.39E-03	< 2.04E-03
1705A11A0	Abwasser	1.10E+00	< 2.24E-02	< 2.26E-02	1.80E-01	< 2.01E-02	< 1.94E-02	< 1.76E-01		< 1.08E+00						
1708A11A0	Abwasser	3.53E-01	< 1.49E-02	< 1.33E-02	8.59E-02	< 1.42E-02	< 1.58E-02	< 7.63E-02		< 1.11E-01	4.68E-02	8.35E-03	< 6.32E-03	6.37E-03	< 6.97E-04	< 5.92E-04
1711A11A0	Abwasser	1.60E+00	< 4.83E-02	< 4.15E-02	2.79E-01	< 4.17E-02	< 4.89E-02	< 3.63E-01								
1702A13A0	Klärschlamm	1.88E+02	< 1.28E+00	< 1.23E+00	2.44E+01	< 1.21E+00	< 1.40E+00	< 9.95E+00		< 6.87E+01	< 9.25E-01	1.15E+01	4.77E-01	9.05E+00	< 9.86E-02	< 1.06E-01
1705A13A0	Klärschlamm	2.27E+02	< 1.33E+00	< 1.27E+00	4.63E+01	< 1.15E+00	< 1.44E+00	< 6.50E+00		< 1.02E+01						
1708A13A0	Klärschlamm	2.92E+02	< 1.22E+00	< 1.22E+00	5.35E+01	< 1.13E+00	< 3.59E+00	< 1.10E+01		1.66E+02	< 1.21E+00	8.77E+00	< 5.66E+00	5.41E+00	< 5.14E-02	< 1.02E-01
1711A13A0	Klärschlamm	2.95E+02	< 2.32E+00	< 2.23E+00	2.11E+02	< 2.29E+00	< 3.70E+00	< 2.12E+01								
Bremerhaven																
1702A12B0	Abwasser	< 1.02E+00	< 4.69E-02	< 4.92E-02	< 7.92E-02	< 4.40E-02	< 5.46E-02	< 3.86E-01		< 2.38E+00	< 3.94E-02	1.23E-02	< 1.80E-02	1.11E-02	< 2.09E-03	< 1.78E-03
1705A12B0	Abwasser	< 1.86E+00	< 5.62E-02	< 5.27E-02	< 8.00E-02	< 5.04E-02	< 1.29E-01	< 2.35E-01		< 6.44E+00						
1708A12B0	Abwasser	< 5.34E-01	< 2.34E-02	< 2.51E-02	9.48E-02	< 2.37E-02	< 2.64E-02	< 1.66E-01			< 4.48E-02	4.19E-03	< 4.61E-03	3.43E-03	< 1.62E-03	< 1.39E-03
1711A12B0	Abwasser	1.10E+00	< 2.47E-02	< 2.53E-02	2.26E-01	< 2.35E-02	< 2.67E-02	< 2.08E-01								
1702A14B0	Klärschlamm	2.37E+02	< 1.14E+00	< 1.07E+00	8.97E+00	< 1.06E+00	< 1.21E+00	< 7.15E+00		< 1.26E+02	1.32E+00	1.07E+01	7.09E-01	9.98E+00	< 1.73E-01	< 1.98E-01
1705A14B0	Klärschlamm	3.41E+02	< 1.62E+00	< 1.74E+00	4.11E+01	< 1.55E+00	< 3.47E+00	< 1.44E+01		< 8.90E+01						
1708A14B0	Klärschlamm	2.81E+02	< 1.58E+00	< 1.66E+00	2.40E+01	< 1.62E+00	< 1.51E+00	< 1.09E+01		< 1.91E+02	< 4.30E+00	1.20E+01	5.62E-01	1.03E+01	< 2.20E-01	< 1.90E-01
1711A14B0	Klärschlamm	2.73E+02	< 1.08E+00	< 1.14E+00	1.05E+02	< 1.05E+00	< 1.85E+00	< 9.21E+00								
Maximalwerte:		3.41E+02	2.32E+00	2.23E+00	2.11E+02	2.29E+00	3.70E+00	2.12E+01	0.00E+00	1.91E+02	4.30E+00	1.20E+01	5.66E+00	1.03E+01	2.20E-01	1.98E-01
Minimalwerte:		7.94E-01	4.16E-02	4.13E-02	1.85E-01	4.32E-02	4.46E-02	3.58E-01	0.00E+00	2.28E+00	2.16E-02	1.57E-02	8.37E-03	1.28E-02	2.39E-03	2.04E-03
Mittelwerte:		1.34E+02	7.41E-01	7.39E-01	3.22E+01	7.08E-01	1.16E+00	5.77E+00		6.03E+01	9.88E-01	5.38E+00	9.31E-01	4.35E+00	6.87E-02	7.52E-02
Achtung: Berechnete Minimal-, Maximal- und Mittelwerte stellen nur Arbeitshilfen dar, da sie die Bedeutung von Werten unter der Nachweisgrenze nicht berücksichtigen!																