

2016 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																
1602A11A0	Abwasser	< 1.23E+00	< 6.44E-02	< 6.75E-02	2.13E-01	< 6.88E-02	< 7.37E-02	< 5.18E-01	< 6.01E-01		< 0.0149	4.11E-03	< 2.53E-03	2.54E-03	< 3.42E-03	< 3.35E-03
1602A13A0	Klärschlamm	1.81E+02	< 1.07E+00	< 1.09E+00	4.13E+01	< 9.75E-01	< 1.25E+00	< 1.01E+01	91.6	< 68.3	1.61				< 0.458	< 0.315
1605A11A0	Abwasser	< 2.44E+00	< 9.91E-02	< 8.27E-02	< 1.37E-01	< 8.67E-02	< 1.39E-01	< 3.83E-01								
1605A13A0	Klärschlamm	4.18E+02	< 2.60E+00	< 1.96E+00	1.04E+02	< 2.04E+00	< 5.56E+00	< 1.05E+01	207	< 226						
1608A11A0	Abwasser	9.66E-01	< 2.58E-02	< 2.76E-02	1.46E-01	< 2.27E-02	< 2.86E-02	< 1.96E-01	< 2.32E-01	< 1.19	< 0.0233	3.93E-03	< 1.64E-03	3.34E-03	< 6.56E-03	< 1.73E-03
1608A13A0	Klärschlamm	1.66E+02	< 1.03E+00	< 9.95E-01	4.97E+01	< 8.94E-01	1.81E+00	< 7.99E+00	133	7.35E+01	< 1.74	13.3	< 0.92	9.08	< 0.963	< 0.773
1611A11A0	Abwasser	< 5.94E-01	< 2.67E-02	< 2.71E-02	1.94E-01	< 2.60E-02	< 2.87E-02	< 2.22E-01								
1611A13A0	Klärschlamm	3.37E+02	< 1.04E+00	< 1.25E+00	8.88E+01	< 1.05E+00	< 1.84E+00	< 9.51E+00	7.28E+01	< 58.6						
Bremerhaven																
1602A12B0	Abwasser	1.26E+00	< 3.32E-02	< 3.25E-02	< 7.28E-02	< 2.81E-02	< 3.40E-02	< 2.50E-01	< 2.76E-01		< 0.014	< 2.51E-02	< 1.59E-02	< 1.14E-02	< 4.31E-03	< 5.57E-03
1602A14B0	Klärschlamm	5.01E+02	< 2.19E+00	< 2.11E+00	7.85E+01	< 1.84E+00	3.38E+00	< 1.67E+01	197	< 1.50E+02	1.36	16.6	0.769	15.1	< 1.15	< 0.936
1605A12B0	Abwasser	9.22E-01	< 2.38E-02	< 2.81E-02	2.15E-01	< 2.39E-02	< 2.69E-02	< 2.44E-01	< 2.39E-01	< 1.53						
1605A14B0	Klärschlamm	2.75E+02	< 5.45E-01	< 5.05E-01	7.85E+01	< 4.56E-01	1.19E+00	< 4.17E+00	69.7	< 44.6						
1608A12B0	Abwasser	9.75E-01	< 2.63E-02	< 2.89E-02	< 4.45E-02	< 2.53E-02	< 3.08E-02	< 2.22E-01			< 1.36E-02	3.12E-03	< 1.35E-03	3.72E-03		
1608A14B0	Klärschlamm	2.14E+02	< 1.23E+00	< 1.15E+00	8.46E+00	< 1.07E+00	< 1.38E+00	< 9.42E+00	1.00E+02	< 7.91E+01	< 1.23	12.9	< 0.812	10.8	< 0.772	< 0.481
1611A12B0	Abwasser	1.35E+00	< 7.54E-02	< 8.65E-02	< 1.58E-01	< 6.92E-02	< 8.64E-02	< 6.79E-01								
1611A14B0	Klärschlamm	3.66E+02	< 9.50E-01	< 1.04E+00	2.18E+01	< 9.50E-01	< 1.22E+00	< 8.43E+00	7.00E+01	< 74						
Maximalwerte:		5.01E+02	2.60E+00	2.11E+00	1.04E+02	2.04E+00	5.56E+00	1.67E+01	2.07E+02	2.26E+02	1.74E+00	1.66E+01	9.20E-01	1.51E+01	1.15E+00	9.36E-01
Minimalwerte:		1.23E+00	6.44E-02	6.75E-02	2.13E-01	6.88E-02	7.37E-02	5.18E-01	6.01E-01	7.40E+01	1.49E-02	4.11E-03	2.53E-03	2.54E-03	3.42E-03	3.35E-03
Mittelwerte:		1.54E+02	6.89E-01	6.55E-01	2.95E+01	6.02E-01	1.13E+00	4.97E+00	7.85E+01	7.77E+01	7.51E-01	6.12E+00	3.60E-01	5.00E+00	4.80E-01	3.59E-01
Achtung: Berechnete Minimal-, Maximal- und Mittelwerte stellen nur Arbeitshilfen dar, da sie die Bedeutung von Werten unter der Nachweisgrenze nicht berücksichtigen!																