

2011 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	Sr 90	Be 7	Pb 210	U 234	Pu 23940	Pu 238	U 238	U 235
Bremen																
1102A11A0	Abwasser	< 9.49E-01	< 4.43E-02	< 5.08E-02	2.68E-01	< 4.48E-02	< 4.98E-02	< 4.54E-01	< 1.93E-02			5.14E-03	< 1.69E-03	< 2.93E-03	4.95E-03	4.20E-04
1105A11A0	Abwasser	< 8.78E-01	< 5.10E-02	< 5.47E-02	2.33E-01	< 4.69E-02	< 5.16E-02	< 4.73E-01								
1108A11A0	Abwasser	< 9.20E-01	< 5.51E-02	< 6.14E-02	2.39E-01	< 5.70E-02	< 6.34E-02	< 5.64E-01	< 3.41E-02			3.50E-03	< 3.73E-03	< 4.76E-03	3.25E-03	< 9.77E-04
1111A11A0	Abwasser	< 1.02E+00	< 5.38E-02	< 5.63E-02	3.12E-01	< 5.40E-02	< 6.00E-02	< 5.20E-01								
1102A13A0	Klärschlamm	2.91E+02	< 2.78E+00	< 3.10E+00	1.20E+02	< 2.79E+00	< 3.28E+00	< 2.94E+01	< 1.67E+00			1.65E+01	< 3.46E+00	< 4.24E+00	1.01E+01	< 3.67E+00
1105A13A0	Klärschlamm	2.19E+02	< 1.96E+00	< 2.10E+00	1.06E+02	< 2.04E+00	< 2.69E+00	< 2.16E+01		2.12E+02						
1108A13A0	Klärschlamm	1.97E+02	< 1.36E+00	< 1.30E+00	6.39E+01	< 1.22E+00	< 1.82E+00	< 1.37E+01	1.33E+00			1.73E+01	< 1.54E-02	< 2.77E-02	1.32E+01	9.97E-01
1111A13A0	Klärschlamm	4.03E+02	< 3.46E+00	< 3.49E+00	1.63E+02	< 3.22E+00	< 4.36E+00	< 3.51E+01								
Bremerhaven																
1102A12B0	Abwasser	1.41E+00	< 4.86E-02	< 5.54E-02	6.89E-02	< 4.95E-02	< 6.05E-02	< 5.19E-01	8.16E-03			3.74E-03	< 1.04E-03	< 1.72E-03	2.95E-03	3.32E-04
1105A12B0	Abwasser	8.43E-01	< 4.88E-02	< 5.60E-02	2.30E-01	< 5.34E-02	< 5.86E-02	< 5.06E-01		< 4.84E-01						
1108A12B0	Abwasser	9.35E-01	< 3.38E-02	< 3.44E-02	2.83E-01	< 3.13E-02	< 3.65E-02	< 3.30E-01	< 3.71E-02			2.08E-03	< 2.71E-03	< 2.62E-03	2.87E-03	< 2.87E-03
1111A12B0	Abwasser	1.56E+00	< 5.16E-02	< 5.06E-02	2.25E-01	< 4.47E-02	< 5.23E-02	< 4.49E-01								
1102A14B0	Klärschlamm	4.26E+02	< 2.16E+00	< 2.11E+00	1.57E+01	< 1.87E+00	2.37E+00	< 2.00E+01	< 1.32E+00	1.55E+02	1.56E+02	1.80E+01	< 6.39E-01	< 1.95E+00	1.71E+01	< 1.28E+00
1105A14B0	Klärschlamm	3.68E+02	< 1.81E+00	< 1.82E+00	4.74E+01	< 1.76E+00	< 2.33E+00	< 1.86E+01		7.26E+01						
1108A14B0	Klärschlamm	3.02E+02	< 1.51E+00	< 1.61E+00	4.72E+01	< 1.46E+00	2.76E+00	< 1.52E+01	2.26E+00	1.35E+02		1.51E+01	< 9.94E-01	< 2.28E+00	1.32E+01	4.23E+00
1111A14B0	Klärschlamm	3.35E+02	< 2.39E+00	< 2.62E+00	1.99E+01	< 2.31E+00	3.33E+00	< 2.28E+01								
Maximalwerte:		4.26E+02	3.46E+00	3.49E+00	1.63E+02	3.22E+00	4.36E+00	3.51E+01	2.26E+00	2.12E+02	1.56E+02	1.80E+01	3.46E+00	4.24E+00	1.71E+01	4.23E+00
Minimalwerte:		9.49E-01	4.43E-02	5.08E-02	2.68E-01	4.48E-02	4.98E-02	4.54E-01	1.93E-02	0.00E+00	0.00E+00	5.14E-03	1.69E-03	2.93E-03	4.95E-03	4.20E-04
Mittelwerte:		1.59E+02	1.11E+00	1.16E+00	3.66E+01	1.07E+00	1.46E+00	1.13E+01	8.35E-01	1.15E+02	1.56E+02	8.36E+00	6.40E-01	1.06E+00	6.70E+00	1.27E+00
Achtung: Berechnete Minimal-, Maximal- und Mittelwerte stellen nur Arbeitshilfen dar, da sie die Bedeutung von Werten unter der Nachweisgrenze nicht berücksichtigen!																