

2012 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																	
1202A11A0	Abwasser	1.01E+00	< 2.60E-02	< 2.80E-02	1.85E-01	< 2.72E-02	< 2.98E-02	< 2.04E-01				< 2.29E-02	< 6.25E-03	< 1.21E-03	< 4.04E-03	< 4.22E-03	< 3.87E-04
1205A11A0	Abwasser	< 9.16E-01	< 5.12E-02	< 5.78E-02	2.52E-01	< 5.13E-02	< 5.89E-02	< 4.94E-01									
1208A11A0	Abwasser	< 1.20E+00	< 5.96E-02	< 7.14E-02	2.26E-01	< 5.78E-02	< 7.04E-02	< 4.51E-01				< 2.46E-02	< 1.22E-02	< 2.68E-03	8.55E-03	< 7.70E-03	< 1.29E-03
1211A11A0	Abwasser	6.45E-01	< 2.69E-02	< 2.80E-02	2.95E-01	< 2.57E-02	< 2.89E-02	< 2.59E-01									
1202A13A0	Klärschlamm	1.87E+02	< 6.48E-01	< 7.44E-01	4.66E+01	< 6.68E-01	< 1.11E+00	< 6.96E+00				2.68E+00	< 1.70E+01	< 3.25E+01	< 2.79E+01	< 3.63E+00	< 1.89E-01
1205A13A0	Klärschlamm	1.89E+02	< 9.83E-01	< 1.02E+00	7.31E+01	< 9.63E-01	< 1.79E+00	< 1.00E+01									
1208A13A0	Klärschlamm	1.60E+02	< 1.41E+00	< 1.62E+00	5.56E+01	< 1.52E+00	< 2.02E+00	< 1.58E+01				7.30E+00				< 2.10E+00	< 1.50E-01
1211A13A0	Klärschlamm	3.74E+02	< 1.51E+00	< 1.70E+00	1.00E+02	< 1.58E+00	< 2.46E+00	< 1.63E+01	2.10E+02								
Bremerhaven																	
1202A12B0	Abwasser	1.44E+00	< 2.52E-02	< 2.74E-02	2.10E-01	< 2.49E-02	< 2.91E-02	< 2.55E-01				< 2.61E-02	< 4.70E-03	< 3.55E-03	< 5.09E-03	< 3.19E-03	< 5.61E-04
1205A12B0	Abwasser	1.16E+00	< 4.82E-02	< 5.96E-02	2.56E-01	< 5.19E-02	< 5.81E-02	< 5.14E-01									
1208A12B0	Abwasser	7.70E-01	< 5.65E-02	< 6.40E-02	1.84E-01	< 5.83E-02	< 6.13E-02	< 4.20E-01				< 2.20E-02	< 2.08E-02	< 1.42E-02	< 1.80E-02	< 3.15E-03	< 3.70E-04
1211A12B0	Abwasser	1.16E+00	< 2.78E-02	< 3.19E-02	1.13E-01	< 2.99E-02	< 3.58E-02	< 2.94E-01									
1202A14B0	Klärschlamm	3.79E+02	< 1.33E+00	< 1.48E+00	4.56E+01	< 1.36E+00	2.84E+00	< 1.34E+01				1.95E+00	< 1.23E+01	< 9.31E+00	< 1.04E+01	< 5.90E-01	< 2.82E-01
1205A14B0	Klärschlamm	4.22E+02	< 2.07E+00	< 2.34E+00	7.95E+01	< 1.97E+00	4.13E+00	< 2.15E+01									
1208A14B0	Klärschlamm	1.90E+02	< 1.16E+00	< 1.40E+00	2.54E+01	< 1.17E+00	< 1.58E+00	< 1.18E+01				1.29E+00	1.92E+01	< 7.32E+00	1.44E+01	< 4.96E+00	< 1.28E+00
1211A14B0	Klärschlamm	4.14E+02	< 1.36E+00	< 1.34E+00	6.45E+01	< 1.17E+00	1.58E+00	< 1.27E+01	1.15E+02								
Maximalwerte:		4.22E+02	2.07E+00	2.34E+00	1.00E+02	1.97E+00	4.13E+00	2.15E+01	2.10E+02			7.30E+00	1.92E+01	3.25E+01	2.79E+01	4.96E+00	1.28E+00
Minimalwerte:		1.01E+00	2.60E-02	2.80E-02	1.85E-01	2.72E-02	2.98E-02	2.04E-01	1.15E+02			2.29E-02	6.25E-03	1.21E-03	4.04E-03	4.22E-03	3.87E-04
Mittelwerte:		1.45E+02	6.75E-01	7.51E-01	3.08E+01	6.71E-01	1.12E+00	6.96E+00	1.63E+02			1.66E+00	6.93E+00	7.02E+00	7.53E+00	1.41E+00	2.38E-01
Achtung: Berechnete Minimal-, Maximal- und Mittelwerte stellen nur Arbeitshilfen dar, da sie die Bedeutung von Werten unter der Nachweisgrenze nicht berücksichtigen!																	