

2014 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																
1402A11A0	Abwasser	< 1.00E+00	< 5.96E-02	< 5.66E-02	4.01E-01	< 5.11E-02	< 6.43E-02	< 5.61E-01	< 5.07E-01		< 0.0103	< 5.71E-03	< 3.41E-03	3.28E-03	< 7.92E-03	< 8.31E-03
1405A11A0	Abwasser	5.08E-01	< 3.44E-02	< 3.79E-02	2.74E-01	< 3.46E-02	< 3.82E-02	< 3.32E-01								
1408A11A0	Abwasser	< 9.61E-01	< 5.08E-02	< 5.46E-02	1.85E-01	< 4.94E-02	< 5.80E-02	< 5.08E-01								
1411A11A0	Abwasser	< 1.04E+00	< 5.46E-02	< 5.86E-02	1.85E-01	< 5.34E-02	< 6.23E-02	< 5.21E-01	< 0.535		< 0.0097				< 0.0268	< 0.00429
1402A13A0	Klärschlamm	8.13E+01	< 1.41E-01	< 1.55E-01	4.00E+01	< 1.43E-01	1.32E+00	< 1.75E+00	8.29E+01		2.78	1.24E+01	< 8.79E-01	1.06E+01	< 2.58E+00	< 7.47E-01
1405A13A0	Klärschlamm	3.80E+02	< 2.13E+00	< 2.23E+00	7.57E+01	< 1.98E+00	< 3.12E+00	< 2.10E+01	236							
1408A13A0	Klärschlamm	8.70E+01	< 1.30E+00	< 1.44E+00	5.00E+01	< 1.32E+00	< 1.68E+00	< 1.09E+01	2.06E+02		< 1.89	1.38E+01	< 1.55E+00	1.53E+01	< 3.13E+00	< 9.26E-01
1411A13A0	Klärschlamm	8.95E+01	< 3.18E-01	< 3.57E-01	6.74E+01	< 3.26E-01	1.65E+00	< 3.69E+00	1.34E+02	65.5						
Bremerhaven																
1402A12B0	Abwasser	1.35E+00	< 5.57E-02	< 5.59E-02	< 7.36E-02	< 5.38E-02	< 5.97E-02	< 3.85E-01	< 4.90E-01		< 0.061	2.38E-03	< 8.44E-04	2.15E-03	< 7.81E-03	< 6.65E-03
1405A12B0	Abwasser	9.23E-01	< 3.79E-02	< 4.93E-02	1.75E-01	< 4.09E-02	< 4.39E-02	< 3.80E-01								
1408A12B0	Abwasser	8.01E-01	< 3.16E-02	< 3.43E-02	1.14E-01	< 3.02E-02	< 3.51E-02	< 3.03E-01			< 0.0112					
1411A12B0	Abwasser	1.46E+00	< 4.46E-02	< 5.43E-02	< 9.14E-02	< 4.64E-02	< 5.71E-02	< 4.73E-01								
1402A14B0	Klärschlamm	2.38E+02	< 7.37E-01	< 8.02E-01	2.33E+01	< 7.18E-01	< 1.07E+00	< 7.45E+00	4.46E+01		< 1.09E+00	1.12E+01	< 1.88E+00	1.12E+01	< 4.78E+00	< 2.28E+00
1405A14B0	Klärschlamm	3.87E+02	< 1.94E+00	< 2.33E+00	8.55E+01	< 1.84E+00	2.69E+00	< 1.96E+01	1.19E+02							
1408A14B0	Klärschlamm	2.10E+02	< 1.17E+00	< 1.42E+00	2.23E+01	< 1.17E+00	< 1.57E+00	< 1.25E+01	1.48E+02	< 8.51E+01	< 1.01	1.45E+01	< 8.56E-01	1.43E+01	< 2.91E+00	< 4.91E-01
1411A14B0	Klärschlamm	2.66E+02	< 1.91E+00	< 1.92E+00	3.71E+01	< 1.69E+00	< 2.10E+00	< 1.73E+01	5.53E+01							
Maximalwerte:		3.87E+02	2.13E+00	2.33E+00	8.55E+01	1.98E+00	3.12E+00	2.10E+01	2.36E+02	8.51E+01	2.78E+00	1.45E+01	1.88E+00	1.53E+01	4.78E+00	2.28E+00
Minimalwerte:		1.00E+00	5.96E-02	5.66E-02	4.01E-01	5.11E-02	6.43E-02	5.61E-01	5.07E-01	0.00E+00	1.03E-02	5.71E-03	3.41E-03	3.28E-03	7.92E-03	8.31E-03
Mittelwerte:		1.09E+02	6.26E-01	6.91E-01	2.52E+01	5.97E-01	9.76E-01	6.10E+00	9.34E+01	7.53E+01	8.58E-01	8.65E+00	8.62E-01	8.57E+00	1.92E+00	6.38E-01
Achtung: Berechnete Minimal-, Maximal- und Mittelwerte stellen nur Arbeitshilfen dar, da sie die Bedeutung von Werten unter der Nachweisgrenze nicht berücksichtigen!																