

2015 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																
1502A11A0	Abwasser	< 9.52E-01	< 3.96E-02	< 4.24E-02	2.09E-01	< 3.98E-02	< 4.35E-02	< 3.03E-01			< 2.03E-02	< 4.06E-03	< 5.15E-03	5.33E-03	< 3.58E-03	< 3.83E-03
1505A11A0	Abwasser	< 9.19E-01	< 4.58E-02	< 5.95E-02	4.15E-01	< 4.63E-02	< 4.86E-02	< 3.30E-01	< 4.67E-01	< 2.41E+00						
1508A11A0	Abwasser	< 8.57E-01	< 3.43E-02	< 3.99E-02	1.79E-01	< 3.59E-02	< 3.81E-02	< 2.80E-01	< 3.40E-01	< 4.72E+00	< 1.99E-02	< 2.66E-03	< 2.55E-03	2.64E-03	< 3.39E-03	< 7.44E-04
1511A11A0	Abwasser	< 9.99E-01	< 6.12E-02	< 6.70E-02	2.25E-01	< 5.97E-02	< 6.67E-02	< 5.93E-01	< 5.94E-01	< 3.55E+00						
1502A13A0	Klärschlamm	3.88E+02	< 1.94E+00	< 1.96E+00	4.97E+01	< 1.74E+00	< 2.58E+00	< 1.74E+01	1.91E+02	< 1.75E+02	2.05E+00	1.43E+01	4.54E-01	1.21E+01	< 1.44E+00	< 6.92E-01
1505A13A0	Klärschlamm	4.52E+02	< 3.44E+00	< 4.47E+00	1.40E+02	< 3.62E+00	< 4.02E+00	< 3.47E+01	1.66E+02	< 2.20E+02						
1508A13A0	Klärschlamm	3.13E+02	< 2.50E+00	< 2.61E+00	8.34E+01	< 2.59E+00	< 2.98E+00	< 2.07E+01	2.86E+02		< 1.04E+00	1.06E+01	< 1.13E+00	9.15E+00	< 9.20E-02	< 3.58E-01
1511A13A0	Klärschlamm	4.32E+02	< 2.47E+00	< 2.57E+00	6.06E+01	< 2.27E+00	< 3.00E+00	< 2.37E+01	2.57E+02	< 1.78E-01						
Bremerhaven																
1502A12B0	Abwasser	9.90E-01	< 2.55E-02	< 2.96E-02	< 6.89E-02	< 2.58E-02	< 2.94E-02	< 2.63E-01			< 1.59E-02	3.67E-03	< 2.68E-03	3.24E-03	< 8.20E-03	< 1.97E-03
1505A12B0	Abwasser	< 8.98E-01	< 4.33E-02	< 5.48E-02	1.41E-01	< 4.44E-02	< 5.26E-02	< 4.63E-01	< 4.70E-01	< 2.76E+00						
1508A12B0	Abwasser	< 1.28E+00	< 5.79E-02	< 6.65E-02	1.65E-01	< 6.04E-02	< 6.73E-02	< 4.63E-01	< 5.58E-01	< 7.81E+00	< 1.57E-02	< 3.35E-03	< 2.28E-03	< 4.42E-03	< 1.89E-03	< 5.07E-04
1511A12B0	Abwasser	< 7.92E-01	< 3.19E-02	< 3.67E-02	< 4.36E-02	< 3.31E-02	< 3.72E-02	< 2.57E-01	< 3.08E-01	< 4.61E+00						
1502A14B0	Klärschlamm	4.30E+02	< 1.12E+00	< 1.21E+00	3.53E+01	< 1.05E+00	1.51E+00	< 1.06E+01	1.31E+02	< 1.13E+02	1.26E+00	1.33E+01	< 2.20E+00	1.37E+01	< 1.03E+00	< 8.83E-02
1505A14B0	Klärschlamm	4.60E+02	< 2.46E+00	< 3.29E+00	7.06E+01	< 2.45E+00	< 3.00E+00	< 2.40E+01	1.70E+02	< 1.59E+02						
1508A14B0	Klärschlamm	1.79E+02	< 7.66E-01	< 8.17E-01	1.50E+01	< 7.53E-01	1.68E+00	< 7.52E+00	1.13E+02	4.18E+01	< 1.86E+00	1.04E+01	< 8.42E-01	1.13E+01	< 1.30E-01	< 4.14E-01
1511A14B0	Klärschlamm	1.85E+02	< 6.65E-01	< 7.48E-01	1.48E+01	< 6.72E-01	1.47E+00	< 6.72E+00	5.06E+01	4.62E+01						
Maximalwerte:		4.60E+02	3.44E+00	4.47E+00	1.40E+02	3.62E+00	4.02E+00	3.47E+01	2.86E+02	2.20E+02	2.05E+00	1.43E+01	2.20E+00	1.37E+01	1.44E+00	6.92E-01
Minimalwerte:		9.52E-01	3.96E-02	4.24E-02	2.09E-01	3.98E-02	4.35E-02	3.03E-01	5.06E+01	4.62E+01	2.03E-02	4.06E-03	5.15E-03	5.33E-03	3.58E-03	3.83E-03
Mittelwerte :		1.78E+02	9.81E-01	1.13E+00	2.94E+01	9.68E-01	1.29E+00	9.27E+00	9.77E+01	6.01E+01	7.85E-01	6.08E+00	5.80E-01	5.78E+00	3.39E-01	1.95E-01
Achtung: Berechnete Minimal-, Maximal- und Mittelwerte stellen nur Arbeitshilfen dar, da sie die Bedeutung von Werten unter der Nachweisgrenze nicht berücksichtigen!																