

2009 Radioaktivität in KA-Abwasser in Bq/l und Klärschlamm in Bq/kg(TM)

HPN	Umweltbereich	(K 40)	(Co 60)	(Ru 103)	(I 131)	(Cs 134)	(Cs 137)	(Ce 144)	(Sr 90)	(Be 7)	(Pu 23940)	(Pu 238)	(U 238)	(U 235)	(U 234)
Bremen															
0902A11A0	Abwasser	1.08E+00	< 5.91E-02	< 6.73E-02	3.66E-01	< 6.26E-02	< 7.56E-02	< 6.15E-01	1.55E-02		< 1.66E-03	< 4.61E-03	3.55E-03	4.75E-04	4.95E-03
0902A13A0	Klärschlamm	7.87E+02	< 1.29E+00	< 1.42E+00	8.04E+00	< 1.03E+00	1.64E+00	< 6.14E+00	1.85E+00	1.09E+02	< 6.98E-01	< 1.40E+00	9.41E+00	1.89E+00	1.09E+01
0905A11A0	Abwasser	1.10E+00	< 4.86E-02	< 4.62E-02	1.56E-01	< 4.75E-02	< 5.25E-02	< 4.32E-01							
0905A13A0	Klärschlamm	2.76E+02	< 1.98E+00	< 2.10E+00	1.40E+02	< 1.88E+00	1.84E+00	< 1.92E+01		2.08E+02					
0908A11A0	Abwasser	6.32E-01	< 5.40E-02	< 6.39E-02	2.35E-01	< 5.80E-02	< 6.37E-02	< 5.71E-01	< 6.06E-03		< 4.23E-03	< 2.44E-02	4.78E-03	< 1.36E-03	4.27E-03
0908A13A0	Klärschlamm	4.30E+02	< 3.08E+00	< 3.21E+00	2.98E+02	< 2.86E+00	3.00E+00	< 3.31E+01	1.09E+00	2.00E+02	< 1.51E-01	< 1.84E-01	6.11E+00	< 6.68E-01	6.58E+00
0911A11A0	Abwasser	< 1.01E+00	< 5.13E-02	< 6.06E-02	2.54E-01	< 5.22E-02	< 6.34E-02	< 5.35E-01							
0911A13A0	Klärschlamm	3.68E+02	< 2.29E+00	< 2.46E+00	1.98E+02	< 2.16E+00	1.74E+00	< 2.53E+01		1.65E+02					
Bremerhaven															
0902A12B0	Abwasser	1.25E+00	< 4.61E-02	< 4.69E-02	2.79E-01	< 4.09E-02	< 5.47E-02	< 4.33E-01	< 7.50E-03		< 3.77E-03	< 4.79E-03	4.96E-03	7.48E-04	4.45E-03
0902A14B0	Klärschlamm	3.70E+02	< 3.37E+00	< 3.13E+00	9.40E+01	< 3.32E+00	< 4.07E+00	< 3.08E+01	1.38E+00	9.29E+01	< 2.07E-01	< 1.10E+00	1.07E+01	1.23E+00	1.06E+01
0905A12B0	Abwasser	1.20E+00	< 2.85E-02	< 3.30E-02	1.09E-01	< 2.96E-02	< 3.43E-02	< 2.94E-01							
0905A14B0	Klärschlamm	3.86E+02	< 1.41E+00	< 1.43E+00	3.02E+01	< 1.21E+00	2.72E+00	< 1.02E+01		1.88E+02					
0908A12B0	Abwasser	1.35E+00	< 5.09E-02	< 5.52E-02	3.59E-01	< 4.51E-02	< 5.22E-02	< 4.69E-01	< 6.54E-03		< 2.85E-03	< 3.18E-03	1.60E-03	< 3.12E-04	1.48E-03
0908A14B0	Klärschlamm	3.03E+02	< 2.64E+00	< 2.84E+00	3.00E+01	< 2.53E+00	3.08E+00	< 2.65E+01	1.56E+00	3.74E+02	< 3.18E-01	< 1.27E+00	1.40E+01	< 1.70E+00	1.43E+01
0911A12B0	Abwasser	1.05E+00	< 5.76E-02	< 3.64E-02	2.49E-02	< 5.61E-02	< 6.86E-02	< 5.44E-01		< 3.64E-01					
0911A14B0	Klärschlamm	3.53E+02	< 2.09E+00	< 2.07E+00	1.70E+01	< 1.95E+00	2.13E+00	< 1.97E+01		1.60E+02					
Maximalwerte:		7.87E+02	3.37E+00	3.21E+00	2.98E+02	3.32E+00	4.07E+00	3.31E+01	1.85E+00	3.74E+02	6.98E-01	1.40E+00	1.40E+01	1.89E+00	1.43E+01
Minimalwerte:		6.32E-01	2.85E-02	3.30E-02	2.49E-02	2.96E-02	3.43E-02	2.94E-01	6.06E-03	3.64E-01	1.66E-03	3.18E-03	1.60E-03	3.12E-04	1.48E-03
Mittelwerte :		2.05E+02	1.16E+00	1.19E+00	5.11E+01	1.08E+00	1.29E+00	1.09E+01	7.39E-01	1.66E+02	1.73E-01	4.99E-01	5.03E+00	6.86E-01	5.30E+00
Achtung: Berechnete Minimal-, Maximal- und Mittelwerte stellen nur Arbeitshilfen dar, da sie die Bedeutung von Werten unter der Nachweisgrenze nicht berücksichtigen!															