

2015 Radioaktivität im Oberflächenwasser (Bq/l) und Sediment (Bq/kg(TM))

| HPN | Probe | K 40 | Co 60 | Ru 103 | I 131 | Cs 134 | Cs 137 | Ce 144 | H 3 | Be 7 | Sr 90 | Pb 210 | U 234 | U 235 | U 238 | Pu 238 | Pu 23940 |
|--|-------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|----------|------------|------------|------------|----------|------------|------------|
| Bremen | | | | | | | | | | | | | | | | | |
| 1503G11A0 | Oberflächenwasser | 2.52E-01 | < 6.11E-03 | < 1.76E-02 | < 6.75E-01 | < 6.48E-03 | < 6.57E-03 | < 6.04E-02 | < 3.91E+00 | < 1.19E-01 | 1.32E-02 | < 2.60E-01 | 2.45E-03 | < 9.44E-04 | 1.78E-03 | < 1.58E-03 | < 8.75E-04 |
| 1506G11A0 | Oberflächenwasser | < 8.15E-01 | < 4.05E-02 | < 1.13E-01 | < 2.04E+00 | < 4.39E-02 | < 4.50E-02 | < 3.40E-01 | < 4.08E+00 | | 5.98E-03 | | 2.42E-03 | < 1.31E-03 | 2.67E-03 | < 2.07E-03 | < 1.10E-03 |
| 1509G11A0 | Oberflächenwasser | < 1.89E-01 | < 1.06E-02 | < 4.23E-02 | < 4.86E+00 | < 1.07E-02 | < 1.09E-02 | < 8.59E-02 | < 4.03E+00 | < 2.57E-01 | | < 5.37E-01 | | | | | |
| 1512G11A0 | Oberflächenwasser | 2.09E-01 | < 9.41E-03 | < 3.77E-02 | < 5.79E+00 | < 1.01E-02 | < 1.03E-02 | < 7.70E-02 | < 4.02E+00 | | | | | | | | |
| 1503G13A0 | Sediment | 2.88E+02 | < 4.10E-01 | < 5.04E-01 | < 1.08E+00 | < 4.62E-01 | 2.41E+01 | < 2.74E+00 | | 1.55E+02 | | 1.02E+02 | | | | | |
| 1506G13A0 | Sediment | 2.15E+02 | < 1.22E+00 | < 1.94E+01 | | < 1.19E+00 | 1.46E+01 | < 8.61E+00 | | 4.29E+02 | | 3.38E+02 | | | | | |
| 1509G13A0 | Sediment | 3.15E+02 | < 5.91E-01 | < 8.81E-01 | < 1.19E+00 | < 1.20E+00 | 2.38E+01 | < 8.44E+00 | | 4.57E+02 | | 3.04E+02 | | | | | |
| 1512G13A0 | Sediment | 2.56E+02 | < 3.98E-01 | < 4.39E-01 | < 5.87E-01 | < 4.09E-01 | 1.28E+01 | < 4.46E+00 | | | | | | | | | |
| Bremerhaven | | | | | | | | | | | | | | | | | |
| 1503G12B0 | Oberflächenwasser | < 1.19E-01 | < 6.56E-03 | < 2.00E-02 | < 8.27E-01 | < 7.12E-03 | < 7.81E-03 | < 7.44E-02 | < 3.92E+00 | < 1.40E-01 | 4.47E-03 | < 2.86E-01 | < 5.82E-03 | < 3.52E-03 | 5.18E-03 | < 1.23E-03 | < 1.15E-04 |
| 1506G12B0 | Oberflächenwasser | 1.61E-01 | < 5.17E-03 | < 1.24E-02 | < 2.25E-01 | < 5.42E-03 | < 5.56E-03 | < 4.02E-02 | < 4.07E+00 | | 5.53E-03 | | 3.83E-03 | < 6.32E-04 | 3.27E-03 | < 1.23E-03 | < 1.15E-04 |
| 1509G12B0 | Oberflächenwasser | < 1.53E-01 | < 8.04E-03 | < 4.02E-02 | < 1.07E+01 | < 8.79E-03 | < 8.60E-03 | < 6.88E-02 | < 4.03E+00 | | | | | | | | |
| 1512G12B0 | Oberflächenwasser | 1.61E-01 | < 5.75E-03 | < 2.94E-02 | < 9.88E+00 | < 6.34E-03 | < 6.85E-03 | < 5.67E-02 | < 4.02E+00 | | | | | | | | |
| 1503G14B0 | Sediment | 4.87E+02 | < 5.28E-01 | < 5.31E-01 | < 6.13E-01 | < 4.58E-01 | 1.01E+01 | < 3.94E+00 | | 1.85E+02 | | 1.65E+02 | | | | | |
| 1506G14B0 | Sediment | 6.93E+02 | < 6.08E-01 | < 9.09E-01 | < 3.69E+00 | < 6.14E-01 | 1.58E+01 | < 6.89E+00 | | | | | | | | | |
| 1509G14B0 | Sediment | 5.09E+02 | < 4.16E-01 | < 4.51E-01 | < 5.83E-01 | < 5.83E-01 | 1.01E+01 | < 4.15E+00 | | 1.54E+02 | | 1.49E+02 | | | | | |
| 1512G14B0 | Sediment | 5.27E+02 | < 4.51E-01 | < 4.61E-01 | < 5.96E-01 | < 4.27E-01 | 1.09E+01 | < 4.56E+00 | | 1.68E+02 | | 1.61E+02 | | | | | |
| Maximalwerte: | | 6.93E+02 | 1.22E+00 | 1.94E+01 | 1.07E+01 | 1.20E+00 | 2.41E+01 | 8.61E+00 | 4.08E+00 | 4.57E+02 | 1.32E-02 | 3.38E+02 | 5.82E-03 | 3.52E-03 | 5.18E-03 | 2.07E-03 | 1.10E-03 |
| Minimalwerte: | | 2.52E-01 | 6.11E-03 | 1.76E-02 | 5.96E-01 | 6.48E-03 | 6.57E-03 | 6.04E-02 | 3.91E+00 | 1.19E-01 | 1.32E-02 | 2.60E-01 | 2.45E-03 | 9.44E-04 | 1.78E-03 | 1.58E-03 | 8.75E-04 |
| Mittelwerte : | | 2.06E+02 | 2.95E-01 | 1.49E+00 | 2.89E+00 | 3.40E-01 | 7.64E+00 | 2.79E+00 | 4.01E+00 | 1.72E+02 | 7.30E-03 | 1.36E+02 | 3.63E-03 | 1.60E-03 | 3.23E-03 | 1.53E-03 | 5.51E-04 |
| Achtung: Berechnete Minimal-, Maximal- und Mittelwerte stellen nur Arbeitshilfen dar, da sie die Bedeutung von Werten unter der Nachweisgrenze nicht berücksichtigen! | | | | | | | | | | | | | | | | | |