

Chemische Wasserqualität

Standort: 306: Kleine Emme Littau/Reussbühl

| Bewertung | Parameter | Phosphat-P | Gelöster Phosphor | Gesamt-Phosphor | Ammonium -N | Nitrit-N | Nitrat-N | DOC | BSB5 |
|------------------------------|-----------|------------|-------------------|-----------------|-------------|----------|----------|------|------|
| | | mg/m3 | mg/m3 | mg/m3 | mg/m3 | mg/m3 | mg/m3 | mg/l | mg/l |
| | Zielwert | 40 | 50 | 70 | * | * | 5600 | 3 | 3 |
| keine oder zuwenig Messwerte | 1975 | 74 | | 189 | 438 | 13 | 1508 | 3.0 | 3.0 |
| sehr gut | 1976 | 124 | 157 | 185 | 1943 | 41 | 1442 | 13.5 | 12.6 |
| | 1977 | 89 | 109 | 419 | 347 | 27 | 1568 | 5.4 | 5.9 |
| | 1978 | 102 | | 194 | 208 | 34 | 2024 | 3.9 | 3.0 |
| | 1979 | 96 | | 150 | 150 | 27 | 1710 | 3.8 | 2.7 |
| gut | 1980 | 91 | | 102 | 238 | 15 | 1948 | 3.0 | 2.3 |
| | 1981 | 89 | | 307 | 120 | 18 | 1979 | 4.1 | 2.5 |
| | 1982 | 95 | | 175 | 198 | 19 | 2040 | 2.8 | 2.6 |
| mässig | 1983 | 83 | | 109 | 167 | 14 | 1866 | 3.1 | 2.2 |
| | 1984 | 87 | | 126 | 158 | 17 | 2290 | 2.8 | 2.8 |
| | 1985 | 115 | | 155 | 169 | 18 | 2300 | 3.1 | 2.6 |
| unbefriedigend | 1986 | 94 | | 112 | 119 | 15 | 2541 | 4.6 | 3.1 |
| | 1987 | 48 | | 77 | 126 | 28 | 2443 | 4.3 | 3.4 |
| | 1988 | 46 | 49 | 62 | 60 | 18 | 2434 | 4.2 | 2.2 |
| schlecht | 1989 | 62 | 70 | 234 | 100 | 23 | 2550 | 5.1 | 6.1 |
| | 1990 | 53 | 67 | 89 | 108 | 24 | 2418 | 3.0 | 3.6 |
| | 1991 | 47 | 54 | 62 | 70 | 30 | 2394 | 2.2 | 2.5 |
| | 1992 | 56 | 62 | 88 | 89 | 15 | 2327 | 3.4 | 2.4 |
| | 1993 | 20 | 26 | 62 | 109 | 20 | 2169 | 2.5 | 2.4 |
| | 1994 | 34 | 40 | 63 | 89 | 27 | 1584 | 3.3 | 2.5 |
| | 1995 | 48 | 52 | 197 | 164 | 22 | 1782 | 3.0 | 3.7 |
| | 1996 | 33 | 37 | 122 | 88 | 20 | 1996 | 2.6 | 2.9 |
| | 1997 | 32 | 39 | 55 | 40 | 12 | 1564 | 4.4 | 2.4 |
| | 1998 | 19 | 24 | 34 | 48 | 18 | 1908 | 3.2 | 2.6 |
| | 1999 | 37 | 45 | 63 | 86 | 12 | 1754 | 3.2 | 1.9 |
| | 2000 | 59 | 61 | 66 | 70 | 10 | 1460 | 4.3 | 2.2 |
| | 2001 | 32 | 45 | 108 | 40 | 8 | 1700 | 5.3 | 3.2 |
| | 2002 | 23 | 29 | 50 | 30 | 10 | 1499 | 4.5 | 1.8 |
| | 2003 | 32 | 35 | 60 | 39 | 11 | 1382 | 2.9 | 2.2 |
| | 2004 | 23 | 28 | 53 | 58 | 16 | 1714 | 3.4 | 2.3 |
| | 2005 | 50 | 55 | 67 | 50 | 16 | 2008 | 2.9 | 2.0 |
| | 2006 | 35 | 46 | 55 | 56 | 12 | 2156 | 4.2 | 2.4 |
| | 2007 | 26 | 33 | 42 | 10 | 6 | 1854 | 2.9 | 1.5 |
| | 2008 | 29 | 33 | 90 | 20 | 9 | 1469 | 3.6 | 2.6 |
| | 2009 | 23 | 26 | 42 | 57 | 10 | 1859 | 2.9 | 2.0 |
| | 2010 | 25 | 28 | 46 | 39 | 15 | 1759 | 3.7 | 2.2 |
| | 2011 | 32 | 35 | 125 | 40 | 9 | 1618 | 3.8 | 2.2 |
| | 2012 | 21 | 36 | 45 | 19 | 6 | 1580 | 2.6 | 2.1 |
| | 2013 | 21 | 25 | 102 | 29 | 12 | 1566 | 5.2 | 2.6 |
| | 2014 | 17 | 18 | 46 | 19 | 6 | 1513 | 3.1 | 2.1 |
| | 2015 | 24 | 29 | 62 | 48 | 12 | 1444 | 3.7 | 1.7 |
| | 2016 | 20 | 20 | 95 | 20 | 14 | 1504 | 4.5 | 2.5 |
| | 2017 | 14 | 15 | 27 | 30 | 11 | 1947 | 2.8 | 1.8 |
| | 2018 | 17 | 18 | 33 | 20 | 8 | 1378 | 2.5 | 1.8 |

*) Zielwerte: Ammonium 200/400 abhängig von pH und Temperatur; Nitrit 20/50/100 abhängig vom Chlorid. Näheres siehe: Beschreibung der Probenahmetechnik und der Klassierung der Werte (pdf).