

Tabelle 10: Chemische Untersuchungsergebnisse nach Anhang VIII 10-12
 Bearbeitungsgebiet 23 : Weser / Ochtum

NLWK Brake 909
Harpstedt / Delme
WK 23009 WKG 23001

| | TOC | P-ges | Orthop. | NH ₄ -N | NO ₂ -N | NO ₃ -N | N-ges. | Chlorid | Sulfat | AOX |
|------|--------|--------|---------|--------------------|--------------------|--------------------|--------|---------|--------|-----|
| 1997 | III | II-III | I-II | II | I-II | II-III | II | I-II | II | |
| 1998 | III-IV | II-III | II | II | I-II | III | III | I-II | II | |
| 1999 | III | II-III | II | II | I-II | III | III | I-II | II | |
| 2000 | III | II-III | II | II | I-II | III | III | I-II | II | |
| 2001 | III | II-III | II | III | I-II | III | III | I-II | II | |
| 2002 | III-IV | III | II | II-III | I-II | III | III | I-II | II | |

NLWK Brake 910
Hasbergen / Delme
WK 23003 WKG 23002

| | TOC | P-ges | Orthop. | NH ₄ -N | NO ₂ -N | NO ₃ -N | N-ges. | Chlorid | Sulfat | AOX |
|------|--------|--------|---------|--------------------|--------------------|--------------------|--------|---------|--------|-----|
| 1997 | III | III | I-II | II | I-II | II | II | I-II | II | |
| 1998 | III-IV | III | II | II | I-II | III | III | I-II | II | |
| 1999 | III | II-III | II | II | I-II | II-III | II-III | I-II | II | |
| 2000 | III | II-III | II | II | I-II | III | III | I-II | II | |
| 2001 | III | III | II | II-III | I-II | III | III | I-II | II | |
| 2002 | III-IV | III | II-III | II | I-II | II-III | III | I-II | II | |

NLWK Brake 904
Delmenhorst / Welse
WK 23003 WKG 23002

| | TOC | P-ges | Orthop. | NH ₄ -N | NO ₂ -N | NO ₃ -N | N-ges. | Chlorid | Sulfat | AOX |
|------|--------|--------|---------|--------------------|--------------------|--------------------|--------|---------|--------|-----|
| 1997 | III | II-III | I-II | II-III | I-II | II | II | I-II | II | |
| 1998 | III-IV | III | II | II | I-II | III | III | I-II | II | |
| 1999 | III | II-III | II | II | I-II | II-III | II-III | I-II | II | |
| 2000 | III | II-III | II | II | I-II | III | III | I-II | II | |
| 2001 | III | III | II | II | I-II | II-III | II-III | I-II | II | |
| 2002 | III | II-III | II | II | I-II | III | III | I-II | II | |

NLWK Brake 913
Holzcamp / Delme
WK 23004 WKG 23002

| | TOC | P-ges | Orthop. | NH ₄ -N | NO ₂ -N | NO ₃ -N | N-ges. | Chlorid | Sulfat | AOX |
|------|--------|--------|---------|--------------------|--------------------|--------------------|--------|---------|--------|-----|
| 1997 | III | III | I-II | II | I-II | II | II | I-II | II | |
| 1998 | III-IV | III | II | II | I-II | III | III | I-II | II | |
| 1999 | III | III | II | II | I-II | II-III | III | I-II | II | |
| 2000 | III | II-III | II | II | I-II | III | II-III | I-II | II | |
| 2001 | III | II-III | II | II-III | I-II | III | III | I-II | II | |
| 2002 | III-IV | III | II | II | I-II | III | III | I-II | II | |

NLWK SUL 435
Klosterbach / Stühren
WK 23014 WKG 23003

| | TOC | P-ges | o-PO ₄ -P | NH ₄ -N | NO ₂ -N | NO ₃ -N | N-ges. | Chlorid | Sulfat | AOX |
|------|-----|--------|----------------------|--------------------|--------------------|--------------------|--------|---------|--------|--------|
| 1997 | III | II-III | II | II | I-II | III | III | II | II | |
| 1998 | III | II-III | II | II | I-II | III | III | II | II | II-III |
| 1999 | III | II-III | II | II-III | II | III | III | II | II | III |
| 2000 | | | | | | | | | | |
| 2001 | | | | | | | | | | |
| 2002 | | | | | | | | | | |

NLWK SUL 416 120
Leeste I / Hombach
WK 23015 WKG 23003

| | TOC | P-ges | $o\text{-PO}_4\text{-P}$ | $\text{NH}_4\text{-N}$ | $\text{NO}_2\text{-N}$ | $\text{NO}_3\text{-N}$ | N-ges. | Chlorid | Sulfat | AOX |
|------|--------|--------|--------------------------|------------------------|------------------------|------------------------|--------|---------|--------|--------|
| 1997 | III | III | I-II | II | I-II | III | III | I-II | II | |
| 1998 | III | II-III | I-II | II | I-II | III | III | I-II | II | II-III |
| 1999 | III | II-III | I-II | II | I-II | III | III | I-II | II | II-III |
| 2000 | III | II-III | I-II | II | I-II | III | III | I-II | II | II-III |
| 2001 | II-III | II-III | I-II | II | I-II | II-III | II-III | I-II | II | II-III |
| 2002 | III | III | II | II-III | II | III | III | I-II | II | |

NLWK SUL 410 017
Groß Mackenstedt / Klosterbach
WK 23007 WKG 23004

| | TOC | P-ges | $o\text{-PO}_4\text{-P}$ | $\text{NH}_4\text{-N}$ | $\text{NO}_2\text{-N}$ | $\text{NO}_3\text{-N}$ | N-ges. | Chlorid | Sulfat | AOX |
|------|--------|--------|--------------------------|------------------------|------------------------|------------------------|--------|---------|--------|--------|
| 1997 | II-III | II-III | I-II | II | I-II | III | III | I-II | II | |
| 1998 | II-III | II-III | II | II | I-II | III | III | I-II | II | II-III |
| 1999 | III | II-III | II | II | I-II | III | III | I-II | II | II-III |
| 2000 | III | II-III | II | II | I-II | III | III | I-II | II | II-III |
| 2001 | II-III | II-III | II | II | II | III | II-III | I-II | II | II-III |
| 2002 | III | III-IV | II | II | I-II | III | III | I-II | I-II | |

NLWK SUL 407 009
Dreye / Ochtum
WK 23020 WKG 23004

| | TOC | P-ges | $o\text{-PO}_4\text{-P}$ | $\text{NH}_4\text{-N}$ | $\text{NO}_2\text{-N}$ | $\text{NO}_3\text{-N}$ | N-ges. | Chlorid | Sulfat | AOX |
|------|--------|--------|--------------------------|------------------------|------------------------|------------------------|--------|---------|--------|--------|
| 1997 | III | II-III | I | III-IV | II | II-III | III | II-III | II-III | |
| 1998 | III | II-III | I-II | II-III | I-II | II-III | II-III | II-III | II-III | II-III |
| 1999 | II-III | II-III | I-II | II-III | I-II | II | II-III | II-III | II | II-III |
| 2000 | II-III | II-III | I-II | II | I-II | II | II-III | II-III | II | II-III |
| 2001 | II-III | II-III | I | II-III | I-II | II | II | II-III | II-III | II-III |
| 2002 | III | II-III | I-II | II-III | I-II | II-III | II-III | II-III | II | II |

NLWK SUL 414 008
Jeebel / Hache
WK 23021 WKG 23005

| | TOC | P-ges | $o\text{-PO}_4\text{-P}$ | $\text{NH}_4\text{-N}$ | $\text{NO}_2\text{-N}$ | $\text{NO}_3\text{-N}$ | N-ges. | Chlorid | Sulfat | AOX |
|------|--------|--------|--------------------------|------------------------|------------------------|------------------------|--------|---------|--------|--------|
| 1997 | III | III | II | IV | II-III | III | III | II | II | |
| 1998 | II-III | II-III | II | II | II | III | III | II | II | II |
| 1999 | III | III | II | II | I-II | II-III | II-III | II | II | II-III |
| 2000 | II-III | III | II | II | II | II-III | II-III | II | II | II-III |
| 2001 | II-III | II-III | II | II-III | I-II | II-III | II-III | II | II | II-III |
| 2002 | III | III | II | II | I-II | III | III | I-II | I-II | |

NLWK SUL 430 117
Sudweyhe / Süstedter Bach
WK 23023 WKG 23005

| | TOC | P-ges | $o\text{-PO}_4\text{-P}$ | $\text{NH}_4\text{-N}$ | $\text{NO}_2\text{-N}$ | $\text{NO}_3\text{-N}$ | N-ges. | Chlorid | Sulfat | AOX |
|------|--------|--------|--------------------------|------------------------|------------------------|------------------------|--------|---------|--------|--------|
| 1997 | II-III | II-III | I | II-III | I-II | II | II | II-III | II-III | |
| 1998 | II-III | II-III | I-II | II-III | I-II | I-II | II | II-III | II-III | II |
| 1999 | II-III | II-III | I | II | I-II | II | II-III | II-III | II-III | II |
| 2000 | II-III | II-III | I | II-III | I-II | II | II | II-III | II-III | II-III |
| 2001 | II-III | II-III | I | II-III | I-II | I-II | II | II-III | II-III | II |
| 2002 | III | II-III | I-II | II-III | I-II | II | II-III | II-III | II | |

NLWK SUL 426 007

Steimke I / Hache
WK 23024 WKG 23005

| | TOC | P-ges | ^o -PO ₄ -P | NH ₄ -N | NO ₂ -N | NO ₃ -N | N-ges. | Chlorid | Sulfat | AOX |
|------|--------|--------|----------------------------------|--------------------|--------------------|--------------------|--------|---------|--------|--------|
| 1997 | III | III | I-II | II | I-II | III | III | I-II | II | |
| 1998 | III | II-III | II | II | I-II | III | III | I-II | II | II-III |
| 1999 | III | II-III | II | II-III | I-II | III | III | I-II | II | II-III |
| 2000 | III | III | II | II-III | I-II | III | III | I-II | II | II-III |
| 2001 | II-III | II-III | I-II | II | I-II | II-III | II-III | I-II | II | II |
| 2002 | III | III | I-II | II | I-II | III | III | I-II | I-II | II |

NLWK Brake 922
Ochtum-Sperrwerk / Ochtum
WK 23001 WKG 23006

| | TOC | P-ges | Orthop. | NH ₄ -N | NO ₂ -N | NO ₃ -N | N-ges. | Chlorid | Sulfat | AOX |
|------|--------|--------|---------|--------------------|--------------------|--------------------|--------|---------|--------|-----|
| 1997 | III | II-III | II | II-III | I-II | II-III | II-III | III | II-III | |
| 1998 | III | III | II | II | I-II | III | III | II-III | II | |
| 1999 | II-III | II-III | II | II | I-II | II-III | II-III | II-III | II | |
| 2000 | III | II-III | II | II | I-II | II-III | II-III | II-III | II-III | |
| 2001 | III | III | II | II-III | I-II | II-III | II-III | II-III | II | |
| 2002 | III-IV | III | II | II | I-II | II-III | II-III | II-III | II | |

Wasserkörper/Gewässer: Ochtum
Messstation (Typ 22.2), Bremen
WK 23001, WKG 23006

| | N-ges | NO ₃ -N | NO ₂ -N | NH ₄ -N | P-ges | O-PO ₄ | Chlorid | Sulfat | TOC | AOX |
|------|--------|--------------------|--------------------|--------------------|--------|-------------------|---------|--------|-----|-----|
| 1997 | II-III | II | II | III | II-III | I-II | II-III | - | - | |
| 1998 | II-III | II | II | II-III | II-III | II | II-III | - | - | |
| 1999 | II-III | II-III | I-II | II | II | I-II | II-III | - | - | |
| 2000 | II-III | II-III | I-II | II | II | I-II | II-III | - | - | |
| 2001 | II-III | II-III | II | II-III | II | II | II-III | - | - | |
| 2002 | | | | | | | | - | - | |
| 2003 | | | | | | | | - | - | |

14-Tages-Mischprobe, Auswertung über 90-Perzentil

Kattenturm (Typ 19), Bremen
WK 23020, WKG 23006

| | N-ges | NO ₃ -N | NO ₂ -N | NH ₄ -N | P-ges | O-PO ₄ | Chlorid | Sulfat | TOC | AOX |
|------|--------|--------------------|--------------------|--------------------|--------|-------------------|---------|--------|-----|-----|
| 1997 | III | III | II | III-IV | II-III | I-II | III | - | - | - |
| 1998 | II-III | II-III | II | III | II-III | I-II | III | - | - | - |
| 1999 | III | II-III | II | III | II-III | II | III | - | - | - |
| 2000 | II-III | II-III | I-II | II-III | II-III | I-II | III | - | - | - |
| 2001 | III | II-III | II | II-III | II-III | I-II | III | - | - | - |
| 2002 | II-III | II-III | II | II | II | I-II | II-III | - | - | - |
| 2003 | | | | | | | | - | - | - |

1-3 malige Messung im Jahr (Güte I), Auswertung mit doppeltem Mittel- bzw. Maximalwert

Huchtinger Ochtum (Typ 22.2), Bremen
WK 23030, WKG 23006

| | N-ges | NO ₃ -N | NO ₂ -N | NH ₄ -N | P-ges | O-PO ₄ | Chlorid | Sulfat | TOC | AOX |
|------|--------|--------------------|--------------------|--------------------|--------|-------------------|---------|--------|-----|-----|
| 1997 | II-III | II-III | II | II-III | II-III | I | | - | - | - |
| 1998 | III | II-III | II | II-III | II-III | I-II | | - | - | - |
| 1999 | II-III | II-III | I-II | II | II-III | I-II | II-III | - | - | - |
| 2000 | II-III | II | II | II-III | II-III | I | | - | - | - |
| 2001 | II-III | II-III | II | II-III | II-III | II | | - | - | - |
| 2002 | | | | | | | | - | - | - |
| 2003 | | | | | | | | - | - | - |

1-12 malige Messung im Jahr (Beweissicherung Ochtum), Auswertung mit doppeltem Mittel- bzw. M:

Wasserkörper/Gewässer: Huchtinger Fleet
Rolandcenter (Typ 14) Bremen

WK 23017, WKG 23006

| | N-ges | NO3-N | NO2-N | NH4-N | P-ges | O-PO4 | Chlorid | Sulfat | TOC | AOX |
|------|--------|--------|--------|--------|--------|--------|---------|--------|-----|-----|
| 1997 | II-III | I | II | II-III | II-III | I-II | II-III | - | - | - |
| 1998 | III | II-III | II | III | III | III | II-III | - | - | - |
| 1999 | II-III | I-II | II-III | III-IV | II-III | II | II-III | - | - | - |
| 2000 | II-III | I | II-III | III-IV | III | II | II-III | - | - | - |
| 2001 | II-III | I | II | III-IV | II-III | I-II | II-III | - | - | - |
| 2002 | II-III | I-II | I-II | III-IV | III | II-III | II-III | - | - | - |
| 2003 | II-III | I | I-II | III | II-III | II | II-III | - | - | - |

1-6 malige Messung im Jahr (Güte I), Auswertung mit doppeltem Mittel- bzw. Maximalwert

Unterhalb Rückhaltensee (Typ 22.1) Bremen**WK 23018, WKG 23006**

| | N-ges | NO3-N | NO2-N | NH4-N | P-ges | O-PO4 | Chlorid | Sulfat | TOC | AOX |
|------|--------|--------|--------|--------|--------|--------|---------|--------|-----|-----|
| 1997 | II-III | I | II-III | III | II-III | I-II | II-III | - | - | - |
| 1998 | III | II-III | II | III | III | II-III | II | - | - | - |
| 1999 | II | I | II | II-III | II-III | I-II | II-III | - | - | - |
| 2000 | II-III | I | II | II-III | II-III | II | II | - | - | - |
| 2001 | II-III | I | II-III | III-IV | II-III | II | II-III | - | - | - |
| 2002 | II-III | I-II | I-II | III-IV | III | II-III | II-III | - | - | - |
| 2003 | II-III | I-II | II | III | II-III | II | II-III | - | - | - |

1-3 malige Messung im Jahr (Güte I), Auswertung mit doppeltem Mittel- bzw. Maximalwert

Wasserkörper/Gewässer: Varreler Bäke**Brookhuchtinger Siel (Typ 14) (keine Messstelle in Typ 22.1) Bremen****WK 23007, WKG 23006**

| | N-ges | NO3-N | NO2-N | NH4-N | P-ges | O-PO4 | Chlorid | Sulfat | TOC | AOX |
|------|--------|--------|-------|--------|--------|--------|---------|--------|-----|-----|
| 1997 | III | II-III | II | II-III | II-III | II | II | - | - | - |
| 1998 | III-IV | III-IV | I-II | II-III | III | II | II | - | - | - |
| 1999 | II-III | II-III | I-II | II | II-III | II | II | - | - | - |
| 2000 | II | II-III | I-II | II | II-III | II | II | - | - | - |
| 2001 | III-IV | III-IV | II | II-III | III-IV | II | II | - | - | - |
| 2002 | II-III | II-III | II | II | II-III | II-III | II | - | - | - |
| 2003 | III-IV | III-IV | II | II-III | II-III | II | II | - | - | - |

1-4 malige Messung im Jahr (Güte I), Auswertung mit doppeltem Mittel- bzw. Maximalwert

aximalwert