

**Tabelle 6: Vorgaben für Messhäufigkeiten in der Eigenüberwachung (ausgehend von den Parametern lt. 1. AEVk)**

| Kläranlagen-<br>Größen-<br>klassen<br>(gem. 1. AEVk) | Mindesthäufigkeiten<br>gem. 1. AEVk<br>(Anlage C) |                         |                  |            |                           |                    |                    | Zusätzliche Anforderungen<br>gem. ÖWAV -<br>Arbeitsbehelf Nr. 14 (1998)<br>Tabelle 1 |   |              |                           |                           | Empfohlene Häufigkeiten<br>gem. ÖWAV -<br>Arbeitsbehelf Nr. 14 (1998)<br>Tabelle 2 |                         |                         |                   |                   | Zusätzliche Anforderungen<br>gem. ÖWAV -<br>Arbeitsbehelf 14, 3. Auflage (2010) |                           |                 |              |                         |                         |            |            |                           |                           |                  |                  |                   |                   |
|--|---|-------------------------|------------------|------------|---------------------------|--------------------|--------------------|--|---|--------------|---------------------------|---------------------------|--|-------------------------|-------------------------|-------------------|-------------------|---|---------------------------|-----------------|--------------|-------------------------|-------------------------|------------|------------|---------------------------|---------------------------|------------------|------------------|-------------------|-------------------|
|  | BSB <sub>5</sub> Zulauf                           | BSB <sub>5</sub> Ablauf | CSB Zulauf       | CSB Ablauf | NH <sub>4</sub> -N Ablauf | Ges. geb. N Zulauf | Ges. geb. N Ablauf | Ges. P Ablauf  | Q | Temp. Ablauf | NH <sub>4</sub> -N Zulauf | NO <sub>3</sub> -N Ablauf | Ges. P Zulauf  | BSB <sub>5</sub> Zulauf | BSB <sub>5</sub> Ablauf | CSB Zulauf        | CSB Ablauf        | NH <sub>4</sub> -N Ablauf   | NO <sub>3</sub> -N Ablauf | Q Zulauf        | Temp. Ablauf | BSB <sub>5</sub> Zulauf | BSB <sub>5</sub> Ablauf | CSB Zulauf | CSB Ablauf | NH <sub>4</sub> -N Ablauf | NO <sub>3</sub> -N Ablauf | Ges. N Zulauf    | Ges. N Ablauf    | Ges. P Zulauf     | Ges. P Ablauf     |
| <b>I</b><br>(> 50 bis 500 EW <sub>60</sub> )         | -   | 6                       | -                | 12         | 52                        | -                  | -                  | -  | - | 52           | -                         | 52                        | -  | -                       | -                       | -                 | -                 | -   | -                         | 52 (k)          | -            | 6                       | -                       | 12         | 52         | 52                        | -                         | -                | -                | -                 |                   |
| <b>II</b><br>(> 500 bis 5.000 EW <sub>60</sub> )     | 12 <sup>1)</sup>                                  | 12                      | 26 <sup>1)</sup> | 26         | 104                       | -                  | -                  | 52 <sup>1)</sup>   | k | 365 (k)      | 104                       | 104                       | 12 <sup>1)</sup>   | 52                      | 52                      | 52                | 52                | 104   | 104                       | k <sup>1)</sup> | k            | 12                      | 12                      | 52         | 52         | 104                       | 104                       | 52 <sup>1)</sup> | 52 <sup>1)</sup> | 104 <sup>1)</sup> | 104 <sup>1)</sup> |
| <b>III</b><br>(> 5.000 bis 50.000 EW <sub>60</sub> ) | 52  | 52                      | 104              | 104        | 156                       | 26                 | 26                 | 104  | k | k            | 156                       | 156                       | 24   | 52                      | 52                      | 156 <sup>2)</sup> | 156 <sup>2)</sup> | 260   | 260                       | k               | k            | 52                      | 52                      | 156        | 156        | 260                       | 260                       | 156              | 156              | 260               | 260               |
| <b>IV</b><br>(> 50.000 EW <sub>60</sub> )            | 104   | 104                     | 260              | 260        | 365                       | 52                 | 52                 | 260  | k | k            | 365                       | 365 (k)                   | 52   | -                       | -                       | -                 | -                 | -   | -                         | k               | k            | 104                     | 104                     | 365        | 365        | 365                       | 365                       | 365              | 365              | 365               | 365               |


- keine Vorgabe  
<sup>1)</sup> über 1.000 EW<sub>60</sub>

k kontinuierlich  
<sup>2)</sup> über 15.000 EW<sub>60</sub>

( ) wenn Messeinrichtung vorhanden


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Tabelle 7: Messhäufigkeiten

|  Kläranlagen -<br>kataster |                     |   | Mindesthäufigkeiten gem.<br>1. AEVk (Anlage C) |             |            |            |              |              |              |               |          | Zusätzliche Anforderungen gem.<br>ÖWAV Arbeitsbehelf 14, 3. Auflage (2010) |             |             |            |            |              |              |              |              |               | NH4-N Zulauf<br>(Empfehlung TIROL) |               |                                    |
|--|---------------------|---|--|-------------|------------|------------|--------------|--------------|--------------|---------------|----------|--|-------------|-------------|------------|------------|--------------|--------------|--------------|--------------|---------------|------------------------------------|---------------|------------------------------------|
| Bezirk   | Name der Kläranlage | Be-<br>messungs-<br>wert EW <sub>60</sub> | BSB5 Zulauf                                    | BSB5 Ablauf | CSB Zulauf | CSB Ablauf | NH4-N Ablauf | Ges.N Zulauf | Ges.N Ablauf | Ges. P Ablauf | Q Zulauf | Temp. Ablauf   | BSB5 Zulauf | BSB5 Ablauf | CSB Zulauf | CSB Ablauf | NH4-N Ablauf | NO3-N Ablauf | Ges.N Zulauf | Ges.N Ablauf | Ges. P Zulauf |                                    | Ges. P Ablauf | NH4-N Zulauf<br>(Empfehlung TIROL) |
| IBK  | Innsbruck           | 400.000                                   | 104  | 104         | 353        | 365        | 365          | 52           | 52           | 365           | 365      | 365  | 104         | 104         | 353        | 365        | 365          | 365          | 52           | 52           | 353           | 365                                | 353           |                                    |
| IMST   | Imst                | 46.000                                    | 164  | 160         | 165        | 162        | 304          | 143          | 143          | 231           | 365      | 365  | 164         | 160         | 165        | 162        | 304          | 302          | 143          | 143          | 152           | 231                                | 158           |                                    |
|  | Längenfeld 1)       | 10.000                                    | 106  | 106         | 106        | 106        | 156          | 52           | 53           | 156           | 365      | 365  | 106         | 106         | 106        | 106        | 156          | 156          | 52           | 53           | 156           | 156                                | 156           |                                    |
|  | Sautens             | 20.200                                    | 102  | 102         | 144        | 144        | 237          | 147          | 147          | 234           | 365      | 365  | 102         | 102         | 144        | 144        | 237          | 236          | 147          | 147          | 228           | 234                                | 125           |                                    |
|  | Sölden              | 75.000                                    | 112  | 112         | 363        | 363        | 365          | 363          | 363          | 363           | 365      | 365  | 112         | 112         | 363        | 363        | 365          | 365          | 363          | 363          | 363           | 363                                | 363           | 73                                 |
|  | Stams               | 41.000                                    | 226  | 53          | 155        | 156        | 275          | 141          | 145          | 274           | 365      | 365  | 226         | 53          | 155        | 156        | 275          | 275          | 141          | 145          | 243           | 274                                | 25            |                                    |
|  | Wenns               | 27.500                                    | 59   | 59          | 164        | 164        | 249          | 161          | 160          | 256           | 365      | 365  | 59          | 59          | 164        | 164        | 249          | 247          | 161          | 160          | 228           | 256                                | 164           |                                    |
| IBK - LAND   | Fritzens            | 120.000                                   | 106  | 106         | 276        | 276        | 365          | 101          | 101          | 274           | 365      | 365  | 106         | 106         | 276        | 276        | 365          | 365          | 101          | 101          | 146           | 274                                | 363           |                                    |
|  | Mühlbachl           | 10.000                                    | 115  | 115         | 208        | 208        | 243          | 180          | 179          | 243           | 365      | 365  | 115         | 115         | 208        | 208        | 243          | 243          | 180          | 179          | 227           | 243                                | 243           |                                    |
|  | Seefeld             | 26.000                                    | 155  | 155         | 62         | 56         | 260          | 155          | 155          | 365           | 365      | 365  | 155         | 155         | 62         | 56         | 260          | 260          | 155          | 155          | 365           | 365                                | 58            |                                    |
|  | Steinach            | 20.000                                    | 46   | 46          | 118        | 118        | 155          | 29           | 29           | 112           | 365      | 365  | 46          | 46          | 118        | 118        | 155          | 155          | 29           | 29           | 59            | 112                                | 155           |                                    |
|  | Stubaital           | 40.000                                    | 49   | 49          | 112        | 112        | 115          | 58           | 58           | 102           | 365      | 365  | 49          | 49          | 112        | 112        | 115          | 134          | 58           | 58           | 119           | 102                                | 133           |                                    |
|  | Telfs               | 40.000                                    | 54   | 54          | 156        | 156        | 264          | 156          | 156          | 259           | 365      | 365  | 54          | 54          | 156        | 156        | 264          | 263          | 156          | 156          | 259           | 259                                | 0             |                                    |
|  | Zirl                | 61.500                                    | 115  | 137         | 364        | 365        | 365          | 110          | 108          | 364           | 365      | 365  | 115         | 137         | 364        | 365        | 365          | 365          | 110          | 108          | 114           | 364                                | 364           |                                    |
| KITZBÜHEL  | Fieberbrunn         | 19.000                                    | 102  | 102         | 235        | 235        | 260          | 210          | 260          | 259           | 365      | 365  | 102         | 102         | 235        | 235        | 260          | 260          | 210          | 260          | 260           | 259                                | 260           |                                    |
|  | Going               | 39.470                                    | 113  | 113         | 190        | 193        | 286          | 171          | 180          | 289           | 365      | 365  | 113         | 113         | 190        | 193        | 286          | 286          | 171          | 180          | 258           | 289                                | 95            |                                    |
|  | Kirchdorf           | 70.000                                    | 365  | 365         | 365        | 365        | 365          | 72           | 72           | 365           | 365      | 343  | 365         | 365         | 365        | 365        | 365          | 365          | 72           | 72           | 87            | 365                                | 365           |                                    |
|  | Kitzbühel           | 46.550                                    | 92   | 89          | 115        | 365        | 365          | 75           | 74           | 365           | 365      | 365  | 92          | 89          | 115        | 365        | 365          | 365          | 75           | 74           | 134           | 365                                | 101           |                                    |
|  | Kössen              | 21.000                                    | 110  | 110         | 159        | 159        | 261          | 31           | 31           | 112           | 365      | 365  | 110         | 110         | 159        | 159        | 261          | 261          | 31           | 31           | 112           | 112                                | 159           |                                    |
|  | Waidring            | 15.100                                    | 106  | 106         | 109        | 109        | 156          | 26           | 26           | 153           | 365      | 365  | 106         | 106         | 109        | 109        | 156          | 155          | 26           | 26           | 104           | 153                                | 155           |                                    |
|  | Westendorf          | 28.000                                    | 59   | 59          | 161        | 161        | 260          | 29           | 29           | 137           | 365      | 365  | 59          | 59          | 161        | 161        | 260          | 261          | 29           | 29           | 74            | 137                                | 171           |                                    |
| KUFSTEIN   | Kirchbichl 2)       | 90.000                                    | 365  | 365         | 365        | 365        | 365          | 249          | 249          | 365           | 365      | 365  | 365         | 365         | 365        | 365        | 365          | 365          | 249          | 249          | 365           | 365                                | 365           |                                    |
|  | Kufstein            | 49.700                                    | 365  | 365         | 365        | 365        | 365          | 186          | 186          | 186           | 365      | 365  | 365         | 365         | 365        | 365        | 365          | 365          | 186          | 186          | 186           | 186                                | 186           |                                    |
|  | Niederndorf 1)      | 18.000                                    | 53   | 53          | 166        | 166        | 260          | 158          | 159          | 260           | 365      | 365  | 53          | 53          | 166        | 166        | 260          | 260          | 158          | 159          | 260           | 260                                | 260           |                                    |
|  | Radfeld             | 40.000                                    | 365  | 365         | 364        | 362        | 349          | 122          | 114          | 245           | 365      | 365  | 365         | 365         | 364        | 362        | 349          | 349          | 122          | 114          | 244           | 245                                | 249           |                                    |
|  | Söll                | 35.000                                    | 87   | 87          | 194        | 194        | 260          | 153          | 153          | 248           | 365      | 365  | 87          | 87          | 194        | 194        | 260          | 261          | 153          | 153          | 255           | 248                                | 251           |                                    |
|  | Walchsee            | 14.850                                    | 104  | 104         | 161        | 161        | 259          | 157          | 157          | 259           | 365      | 365  | 104         | 104         | 161        | 161        | 259          | 259          | 157          | 157          | 259           | 259                                | 100           |                                    |

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Tabelle 7: Messhäufigkeiten


|  Kläranlagen -<br>kataster |                     |   | Mindesthäufigkeiten gem. 1. AEVk (Anlage C) |             |            |            |              |              |              |               |          | Zusätzliche Anforderungen gem. ÖWAV Arbeitsbehelf 14, 3. Auflage (2010) |             |             |            |            |              |              |              |              |               | NH4-N Zulauf (Empfehlung TIROL) |               |                                 |
|--|---------------------|---|---|-------------|------------|------------|--------------|--------------|--------------|---------------|----------|---|-------------|-------------|------------|------------|--------------|--------------|--------------|--------------|---------------|---------------------------------|---------------|---------------------------------|
| Bezirk   | Name der Kläranlage | Be-<br>messungs-<br>wert EW <sub>60</sub> | BSB5 Zulauf                                 | BSB5 Ablauf | CSB Zulauf | CSB Ablauf | NH4-N Ablauf | Ges.N Zulauf | Ges.N Ablauf | Ges. P Ablauf | Q Zulauf | Temp. Ablauf  | BSB5 Zulauf | BSB5 Ablauf | CSB Zulauf | CSB Ablauf | NH4-N Ablauf | NO3-N Ablauf | Ges.N Zulauf | Ges.N Ablauf | Ges. P Zulauf |                                 | Ges. P Ablauf | NH4-N Zulauf (Empfehlung TIROL) |
| LANDECK  | Fließ               | 5.000                                     | 49  | 47          | 22         | 22         | 101          |              |              | 51            | 365      | 365   | 49          | 47          | 22         | 22         | 101          | 101          | 0            | 0            | 15            | 51                              | 102           |                                 |
|  | Flirsch             | 38.000                                    | 39  | 39          | 186        | 186        | 266          | 170          | 170          | 251           | 365      | 365   | 39          | 39          | 186        | 186        | 266          | 256          | 170          | 170          | 251           | 251                             | 48            |                                 |
|  | Ischgl              | 50.000                                    | 92  | 92          | 128        | 128        | 169          | 68           | 68           | 91            | 365      | 365   | 92          | 92          | 128        | 128        | 169          | 94           | 68           | 68           | 91            | 91                              | 167           |                                 |
|  | Nauders             | 10.000                                    | 49  | 50          | 153        | 153        | 257          | 151          | 151          | 258           | 365      | 365   | 49          | 50          | 153        | 153        | 257          | 258          | 151          | 151          | 258           | 258                             | 154           |                                 |
|  | Prutz               | 28.000                                    | 109   | 109         | 169        | 169        | 265          | 139          | 263          | 180           | 365      | 365   | 109         | 109         | 169        | 169        | 265          | 263          | 139          | 263          | 175           | 180                             | 157           |                                 |
|  | See                 | 16.137                                    | 54  | 54          | 157        | 157        | 260          | 157          | 157          | 256           | 365      | 365   | 54          | 54          | 157        | 157        | 260          | 260          | 157          | 157          | 256           | 256                             | 2             |                                 |
|  | Spiss               | 800                                       | 52  | 52          | 52         | 52         | 104          |              |              |               | 365      | 365   | 52          | 52          | 52         | 52         | 104          | 104          |              |              |               |                                 |               | 0                               |
|  | Tösens              | 20.500                                    | 107   | 107         | 155        | 155        | 258          | 156          | 156          | 261           | 365      | 365   | 107         | 107         | 155        | 155        | 258          | 259          | 156          | 156          | 261           | 261                             | 261           | 258                             |
|  | Zams                | 33.000                                    | 186   | 186         | 183        | 183        | 263          | 182          | 182          | 260           | 365      | 365   | 186         | 186         | 183        | 183        | 263          | 260          | 182          | 182          | 260           | 260                             | 260           | 262                             |
| LIENZ  | Anras               | 14.000                                    | 153   | 153         | 156        | 156        | 156          |              |              | 156           | 365      | 364   | 153         | 153         | 156        | 156        | 156          | 156          | 91           | 91           | 156           | 156                             | 114           |                                 |
|  | Assling             | 4.200                                     | 95  | 119         | 100        | 124        | 136          |              |              | 121           | 365      | 365   | 95          | 119         | 100        | 124        | 136          | 133          | 53           | 133          | 99            | 121                             | 53            |                                 |
|  | Dölsach             | 56.800                                    | 167   | 165         | 363        | 365        | 365          | 54           | 54           | 365           | 365      | 365   | 167         | 165         | 363        | 365        | 365          | 365          | 54           | 54           | 54            | 365                             | 365           |                                 |
|  | Huben               | 37.000                                    | 104   | 105         | 158        | 157        | 256          | 158          | 158          | 255           | 365      | 357   | 104         | 105         | 158        | 157        | 256          | 255          | 158          | 158          | 255           | 255                             | 21            |                                 |
|  | St. Jakob i.D.      | 5.000                                     | 31  | 34          | 55         | 57         | 115          |              |              | 107           | 365      | 365   | 31          | 34          | 55         | 57         | 115          | 115          | 49           | 49           | 98            | 107                             | 31            |                                 |
|  | Obertilliach        | 2.200                                     | 13  | 13          | 50         | 50         | 99           |              |              | 51            | 365      | 365   | 13          | 13          | 50         | 50         | 99           | 51           | 0            | 0            | 51            | 51                              | 99            |                                 |
| REUTTE   | Ehrwald             | 24.500                                    | 93  | 93          | 168        | 168        | 259          | 155          | 155          | 257           | 365      | 365   | 93          | 93          | 168        | 168        | 259          | 259          | 155          | 155          | 254           | 257                             | 105           |                                 |
|  | Gramais             | 300                                       | 6   | 6           | 12         | 13         | 53           |              |              |               | 53       | 53  | 6           | 6           | 12         | 13         | 53           | 51           |              |              |               |                                 | 52            |                                 |
|  | Hinterhornbach      | 650                                       | 13  | 13          | 26         | 26         | 105          |              |              |               | 365      | 365   | 13          | 13          | 26         | 26         | 105          | 0            |              |              |               |                                 | 105           |                                 |
|  | Jungholz            | 3.200                                     | 42  | 42          | 16         | 16         | 16           |              |              | 16            | 335      | 329   | 42          | 42          | 16         | 16         | 16           | 16           | 1            | 5            | 1             | 16                              | 6             |                                 |
|  | Plansee             | 1.300                                     | 101   | 101         | 103        | 103        | 365          |              |              | 104           | 365      | 365   | 101         | 101         | 103        | 103        | 365          | 365          | 365          | 0            | 104           | 104                             | 365           |                                 |
|  | Rinnen              | 935                                       | 52  | 52          | 108        | 108        | 114          |              |              | 108           | 365      | 365   | 52          | 52          | 108        | 108        | 114          | 111          | 1            | 1            | 108           | 108                             | 111           |                                 |
|  | Schattwald          | 20.100                                    | 102   | 102         | 161        | 161        | 358          | 158          | 158          | 253           | 365      | 365   | 102         | 102         | 161        | 161        | 358          | 359          | 158          | 158          | 253           | 253                             | 161           |                                 |
|  | Stanzach            | 19.000                                    | 58  | 58          | 110        | 110        | 157          | 50           | 50           | 108           | 365      | 365   | 58          | 58          | 110        | 110        | 157          | 157          | 50           | 50           | 48            | 108                             | 157           |                                 |
|  | Vils                | 71.670                                    | 261   | 261         | 261        | 261        | 365          | 70           | 70           | 262           | 365      | 365   | 261         | 261         | 261        | 261        | 365          | 365          | 70           | 70           | 261           | 262                             | 365           |                                 |
| SZ   | Schwaz              | 85.000                                    | 241   | 243         | 364        | 364        | 365          | 365          | 365          | 365           | 365      | 365   | 241         | 243         | 364        | 364        | 365          | 365          | 365          | 365          | 365           | 365                             | 365           | 365                             |
|  | Strass i.Z.         | 167.000                                   | 365   | 365         | 365        | 365        | 365          | 365          | 365          | 365           | 365      | 365   | 365         | 365         | 365        | 365        | 365          | 365          | 365          | 365          | 365           | 365                             | 365           | 365                             |

1) Anpassung geplant       = Mindestmesshäufigkeit nicht eingehalten       = Mindestmesshäufigkeit eingehalten       = nicht erforderlich

2) in Anpassungsphase      Legende zu NH4-N Zulauf (Empfehlung Tirol):      234 = Messhäufigkeit > AB14 (1998)      116 = Messhäufigkeit < AB14 (1998)


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Tabelle 7.1: Messhäufigkeiten - Vergleich 2010/2011

|  <b>Kläranlagen - kataster</b> |                     |   | Messhäufigkeiten 2010 bezogen auf den ÖWAV Arbeitsbehelf 14 (1998) verglichen mit den Messhäufigkeiten 2011 bezogen auf den ÖWAV Arbeitsbehelf 14 (2010) |               |                   |                   |                   |                                 |                    |                    |                   |                    |                    |                  |                  |                  |                  |                 |                 |                 |                 |                   |                   |
|---|---------------------|---|--|---------------|-------------------|-------------------|-------------------|---------------------------------|--------------------|--------------------|-------------------|--------------------|--------------------|------------------|------------------|------------------|------------------|-----------------|-----------------|-----------------|-----------------|-------------------|-------------------|
| Bezirk  | Name der Kläranlage | Be-<br>messungs-<br>wert EW <sub>60</sub> | Q Zulauf 2010  | Q Zulauf 2011 | Temp. Ablauf 2010 | Temp. Ablauf 2011 | NH4-N Zulauf 2010 | NH4-N Zulauf (Empfehlung Tirol) | NO3-N Ablauf Tab.1 | NO3-N Ablauf Tab.2 | NO3-N Ablauf 2011 | Ges. P Zulauf 2010 | Ges. P Zulauf 2011 | BSB5 Zulauf 2010 | BSB5 Zulauf 2011 | BSB5 Ablauf 2010 | BSB5 Ablauf 2011 | CSB Zulauf 2010 | CSB Zulauf 2011 | CSB Ablauf 2010 | CSB Ablauf 2011 | NH4-N Ablauf 2010 | NH4-N Ablauf 2011 |
| IBK   | Innsbruck           | 400.000                                   | 365  | 365           | 364               | 365               | 361               | 353                             | 362                | 362                | 365               | 360                | 353                | 104              | 104              | 104              | 104              | 361             | 353             | 362             | 365             | 365               | 365               |
| IMST  | Imst                | 46.000                                    | 365  | 365           | 365               | 365               | 157               | 158                             | 303                | 303                | 302               | 119                | 152                | 151              | 164              | 152              | 160              | 156             | 165             | 157             | 162             | 306               | 304               |
|   | Längenfeld 1)       | 10.000                                    | 365  | 365           | 365               | 365               | 156               | 156                             | 156                | 156                | 156               | 156                | 156                | 108              | 106              | 108              | 106              | 107             | 106             | 107             | 106             | 156               | 156               |
|   | Sautens             | 20.200                                    | 365  | 365           | 365               | 365               | 158               | 125                             | 180                | 180                | 236               | 107                | 228                | 103              | 102              | 103              | 102              | 105             | 144             | 105             | 144             | 183               | 237               |
|   | Solden              | 75.000                                    | 365  | 365           | 365               | 365               | 365               | 73                              | 365                | 365                | 365               | 77                 | 363                | 120              | 112              | 120              | 112              | 262             | 363             | 262             | 363             | 365               | 365               |
|   | Sams                | 41.000                                    | 365  | 365           | 365               | 365               | 157               | 25                              | 362                | 362                | 275               | 156                | 243                | 251              | 226              | 52               | 53               | 156             | 155             | 156             | 156             | 362               | 275               |
|   | Wenns               | 27.500                                    | 365  | 365           | 365               | 365               | 160               | 164                             | 164                | 164                | 247               | 85                 | 228                | 59               | 59               | 59               | 59               | 110             | 164             | 112             | 164             | 164               | 249               |
| IBK - LAND  | Fritzens            | 120.000                                   | 365  | 365           | 365               | 365               | 365               | 363                             | 365                | 365                | 365               | 106                | 146                | 107              | 106              | 105              | 106              | 268             | 276             | 266             | 276             | 365               | 365               |
|   | Mühlbachl           | 10.000                                    | 365  | 365           | 365               | 365               | 160               | 243                             | 160                | 160                | 243               | 16                 | 227                | 151              | 115              | 151              | 115              | 158             | 208             | 158             | 208             | 160               | 243               |
|   | Seefeld             | 26.000                                    | 365  | 365           | 365               | 365               | 156               | 58                              | 156                | 156                | 260               | 365                | 365                | 155              | 155              | 155              | 155              | 156             | 62              | 156             | 56              | 156               | 260               |
|   | Steinach            | 20.000                                    | 365  | 365           | 365               | 365               | 153               | 155                             | 153                | 153                | 155               | 54                 | 59                 | 48               | 46               | 48               | 46               | 108             | 118             | 108             | 118             | 153               | 155               |
|   | Stubaital           | 40.000                                    | 365  | 365           | 365               | 365               | 175               | 133                             | 169                | 169                | 134               | 124                | 119                | 54               | 49               | 54               | 49               | 127             | 112             | 128             | 112             | 125               | 115               |
|   | Telfs               | 40.000                                    | 365  | 365           | 365               | 365               | 167               | 0                               | 260                | 260                | 263               | 56                 | 259                | 95               | 54               | 95               | 54               | 157             | 156             | 157             | 156             | 260               | 264               |
|   | Zirl                | 61.500                                    | 365  | 365           | 365               | 365               | 359               | 364                             | 362                | 362                | 365               | 113                | 114                | 116              | 115              | 120              | 137              | 361             | 364             | 362             | 365             | 361               | 365               |
| KITZBÜHEL   | Fieberbrunn         | 19.000                                    | 365  | 365           | 365               | 365               | 260               | 260                             | 260                | 260                | 249               | 260                | 260                | 101              | 102              | 101              | 102              | 249             | 235             | 249             | 235             | 260               | 260               |
|   | Going               | 39.470                                    | 365  | 365           | 365               | 365               | 187               | 95                              | 286                | 286                | 286               | 138                | 258                | 126              | 113              | 128              | 113              | 180             | 190             | 181             | 193             | 286               | 286               |
|   | Kirchdorf           | 70.000                                    | 365  | 365           | 365               | 343               | 365               | 365                             | 365                | 365                | 365               | 54                 | 87                 | 365              | 365              | 365              | 365              | 365             | 365             | 365             | 365             | 365               | 365               |
|   | Kitzbühel           | 46.550                                    | 365  | 365           | 365               | 365               | 114               | 101                             | 365                | 365                | 365               | 102                | 134                | 91               | 92               | 94               | 89               | 100             | 115             | 365             | 365             | 365               | 365               |
|   | Kössen              | 21.000                                    | 365  | 365           | 365               | 365               | 161               | 159                             | 261                | 261                | 261               | 115                | 112                | 113              | 110              | 113              | 110              | 161             | 159             | 161             | 159             | 261               | 261               |
|   | Waidring            | 15.100                                    | 365  | 365           | 365               | 365               | 156               | 155                             | 156                | 156                | 155               | 106                | 104                | 108              | 106              | 108              | 106              | 110             | 109             | 110             | 109             | 156               | 156               |
|   | Westendorf          | 28.000                                    | 365  | 365           | 365               | 365               | 170               | 171                             | 264                | 264                | 261               | 65                 | 74                 | 57               | 59               | 57               | 59               | 160             | 161             | 160             | 161             | 264               | 260               |
|   |                     |   |  |               |                   |                   |                   |                                 |                    |                    |                   |                    |                    |                  |                  |                  |                  |                 |                 |                 |                 |                   |                   |
| KUFSTEIN  | Kirchbichl 2)       | 90.000                                    | 365  | 365           | 365               | 365               | 365               | 365                             | 365                | 365                | 365               | 365                | 365                | 365              | 365              | 365              | 365              | 365             | 365             | 365             | 365             | 365               | 365               |
|   | Kufstein            | 49.700                                    | 365  | 365           | 365               | 365               | 188               | 187                             | 364                | 364                | 365               | 187                | 186                | 365              | 365              | 365              | 365              | 364             | 365             | 364             | 365             | 364               | 365               |
|   | Niederndorf 1)      | 18.000                                    | 365  | 365           | 365               | 365               | 192               | 260                             | 190                | 190                | 260               | 98                 | 260                | 55               | 53               | 55               | 53               | 125             | 166             | 125             | 166             | 193               | 260               |
|   | Radfeld             | 40.000                                    | 363  | 365           | 363               | 365               | 235               | 249                             | 338                | 338                | 349               | 232                | 244                | 359              | 365              | 364              | 365              | 360             | 364             | 364             | 362             | 341               | 349               |
|   | Söll                | 35.000                                    | 365  | 365           | 365               | 365               | 259               | 251                             | 260                | 260                | 261               | 190                | 255                | 87               | 87               | 88               | 87               | 193             | 194             | 193             | 194             | 262               | 260               |
|   | Walchsee            | 14.850                                    | 365  | 365           | 365               | 365               | 160               | 100                             | 160                | 160                | 259               | 58                 | 259                | 104              | 104              | 104              | 104              | 108             | 161             | 108             | 161             | 160               | 259               |

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Tabelle 7.1: Messhäufigkeiten - Vergleich 2010/2011

|  <b>Kläranlagen - kataster</b> |                     |                                     | Messhäufigkeiten 2010 bezogen auf den ÖWAV Arbeitsbehelf 14 (1998) verglichen mit den Messhäufigkeiten 2011 bezogen auf den ÖWAV Arbeitsbehelf 14 (2010) |               |                   |                   |                   |                                 |                    |                    |                   |                    |                    |                  |                  |                  |                  |                 |                 |                 |                 |                   |                   |     |
|---|---------------------|-------------------------------------|--|---------------|-------------------|-------------------|-------------------|---------------------------------|--------------------|--------------------|-------------------|--------------------|--------------------|------------------|------------------|------------------|------------------|-----------------|-----------------|-----------------|-----------------|-------------------|-------------------|-----|
| Bezirk  | Name der Kläranlage | Be- messungs- wert EW <sub>60</sub> | Q Zulauf 2010  | Q Zulauf 2011 | Temp. Ablauf 2010 | Temp. Ablauf 2011 | NH4-N Zulauf 2010 | NH4-N Zulauf (Empfehlung Tirol) | NO3-N Ablauf Tab.1 | NO3-N Ablauf Tab.2 | NO3-N Ablauf 2011 | Ges. P Zulauf 2010 | Ges. P Zulauf 2011 | BSB5 Zulauf 2010 | BSB5 Zulauf 2011 | BSB5 Ablauf 2010 | BSB5 Ablauf 2011 | CSB Zulauf 2010 | CSB Zulauf 2011 | CSB Ablauf 2010 | CSB Ablauf 2011 | NH4-N Ablauf 2010 | NH4-N Ablauf 2011 |     |
| LANDECK   | Fließ               | 5.000                               | 365  | 365           | 365               | 365               | 116               | 102                             | 115                | 115                | 101               | 18                 | 15                 | 52               | 49               | 52               | 47               | 27              | 22              | 27              | 22              | 116               | 101               |     |
|   | Flirsch             | 38.000                              | 365  | 365           | 365               | 365               | 106               | 48                              | 228                | 228                | 256               | 164                | 251                | 41               | 39               | 41               | 39               | 206             | 186             | 206             | 186             | 232               | 266               |     |
|   | Ischgl              | 50.000                              | 365  | 365           | 365               | 365               | 143               | 167                             | 92                 | 92                 | 94                | 89                 | 91                 | 90               | 92               | 90               | 92               | 120             | 128             | 121             | 128             | 150               | 169               |     |
|   | Nauders             | 10.000                              | 365  | 365           | 365               | 365               | 156               | 154                             | 259                | 259                | 258               | 104                | 258                | 102              | 49               | 102              | 50               | 104             | 153             | 104             | 153             | 257               | 257               |     |
|   | Prutz               | 28.000                              | 365  | 365           | 365               | 365               | 194               | 157                             | 273                | 273                | 263               | 165                | 175                | 112              | 109              | 112              | 109              | 185             | 169             | 186             | 169             | 275               | 265               |     |
|   | See                 | 16.137                              | 365  | 365           | 365               | 365               | 157               | 2                               | 260                | 260                | 260               | 111                | 256                | 103              | 54               | 103              | 54               | 155             | 157             | 155             | 157             | 260               | 260               |     |
|   | Spiss               | 800                                 | 365  | 365           | 365               | 365               | 0                 | 0                               | 105                | 105                | 104               |                    |                    | 52               | 52               | 52               | 52               | 52              | 52              | 52              | 52              | 52                | 105               | 104 |
|   | Tösens              | 20.500                              | 365  | 365           | 365               | 365               | 157               | 258                             | 159                | 159                | 259               | 158                | 261                | 107              | 107              | 106              | 107              | 106             | 155             | 106             | 155             | 159               | 258               |     |
|   | Zams                | 33.000                              | 365  | 365           | 365               | 365               | 179               | 262                             | 179                | 179                | 260               | 178                | 260                | 180              | 186              | 180              | 186              | 186             | 179             | 183             | 179             | 183               | 179               | 263 |
|   | LIENZ               | Anras                               | 14.000   | 365           | 365               | 356               | 364               | 156                             | 114                | 156                | 156               | 156                | 156                | 156              | 155              | 153              | 155              | 153             | 156             | 156             | 156             | 156               | 156               | 156 |
| Assling   |                     | 4.200                               | 365  | 365           | 365               | 365               | 105               | 53                              | 135                | 135                | 133               | 102                | 99                 | 101              | 95               | 128              | 119              | 104             | 100             | 134             | 124             | 141               | 136               |     |
| Dölsach   |                     | 56.800                              | 365  | 365           | 365               | 365               | 365               | 365                             | 365                | 365                | 365               | 50                 | 54                 | 169              | 167              | 171              | 165              | 357             | 363             | 365             | 365             | 365               | 365               |     |
| Huben   |                     | 37.000                              | 365  | 365           | 365               | 357               | 246               | 21                              | 246                | 246                | 255               | 51                 | 255                | 103              | 104              | 103              | 105              | 158             | 158             | 158             | 157             | 247               | 256               |     |
| St. Jakob i.D.  |                     | 5.000                               | 365  | 365           | 365               | 365               | 111               | 31                              | 112                | 112                | 115               | 25                 | 98                 | 57               | 31               | 57               | 34               | 58              | 55              | 58              | 57              | 111               | 115               |     |
| Obertilliach  |                     | 2.200                               | 365  | 365           | 365               | 365               | 103               | 99                              | 55                 | 55                 | 51                | 56                 | 51                 | 14               | 13               | 14               | 13               | 51              | 50              | 51              | 50              | 103               | 99                |     |
| REUTTE  | Ehrwald             | 24.500                              | 365  | 365           | 362               | 365               | 186               | 105                             | 186                | 186                | 259               | 41                 | 254                | 90               | 93               | 90               | 93               | 118             | 168             | 118             | 168             | 186               | 259               |     |
|   | Gramais             | 300                                 | 52   | 53            | 52                | 53                | 52                | 52                              | 0                  | 0                  | 51                |                    |                    | 6                | 6                | 6                | 6                | 13              | 12              | 13              | 13              | 52                | 53                |     |
|   | Hinterhornbach      | 650                                 | 365  | 365           | 365               | 365               | 104               | 105                             | 0                  | 0                  | 0                 |                    |                    | 13               | 13               | 13               | 13               | 26              | 26              | 26              | 26              | 104               | 105               |     |
|   | Jungholz            | 3.200                               | 365  | 335           | 365               | 329               | 1                 | 6                               | 24                 | 24                 | 16                | 0                  | 1                  | 45               | 42               | 45               | 42               | 22              | 16              | 24              | 16              | 24                | 16                |     |
|   | Plansee             | 1.300                               | 357  | 365           | 357               | 365               | 363               | 365                             | 363                | 363                | 365               | 104                | 104                | 100              | 101              | 100              | 101              | 104             | 103             | 104             | 103             | 363               | 365               |     |
|   | Rinnen              | 935                                 | 365  | 365           | 365               | 365               | 114               | 111                             | 112                | 112                | 111               | 112                | 108                | 57               | 52               | 56               | 52               | 114             | 108             | 114             | 108             | 115               | 114               |     |
|   | Schattwald          | 20.100                              | 365  | 365           | 365               | 365               | 157               | 161                             | 355                | 355                | 359               | 34                 | 253                | 87               | 102              | 87               | 102              | 161             | 161             | 161             | 161             | 355               | 358               |     |
|   | Stanzach            | 19.000                              | 365  | 365           | 365               | 365               | 158               | 157                             | 158                | 158                | 157               | 31                 | 48                 | 57               | 58               | 57               | 58               | 107             | 110             | 107             | 110             | 158               | 157               |     |
|   | Vils                | 71.670                              | 365  | 365           | 365               | 365               | 365               | 365                             | 365                | 365                | 365               | 259                | 261                | 260              | 261              | 260              | 261              | 261             | 261             | 263             | 261             | 365               | 365               |     |
| SZ  | Schwaz              | 85.000                              | 365  | 365           | 365               | 365               | 364               | 365                             | 364                | 364                | 365               | 266                | 365                | 244              | 241              | 246              | 243              | 348             | 364             | 348             | 364             | 365               | 365               |     |
|   | Strass i.Z.         | 167.000                             | 365  | 365           | 365               | 365               | 363               | 365                             | 365                | 365                | 365               | 363                | 365                | 363              | 365              | 365              | 365              | 363             | 365             | 365             | 365             | 365               | 365               |     |

1) Anpassung geplant        = Mindestmesshäufigkeit nicht eingehalten        = Mindestmesshäufigkeit eingehalten        = nicht erforderlich  
 2) in Anpassungsphase      Legende zu NH4-N Zulauf (Empfehlung Tirol):      234 = Messhäufigkeit > AB14 (1998)      116 = Messhäufigkeit < AB14 (1998)