Zał. Nr 1 Skald chemiczny wody z rzeki Wisły.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Data** | **T** | | **pH** | | | **y25** | | | **Ca+Mg** | **Ap (\*)** | **AT (\*)** | | **Fe og (\*)** | | | **Cl** | | **SO4** | **Zawies** | | **Subst rozpu** | | **Ekstrakt eterowy (\*)** | |
| **pobrania** | **oC** | |  | **T pom [oC]** | | **mS/cm** | **T pom [oC]** | | **mmol/l** | **mmol/l H+** | **mmol/l H+** | | **mg/l** | | | **mg/l** | | **mg/l** | **mg/l** | | **mg/l** | | **mg/l** | |
|  | **1xm** | | **1xm** |  | | **1xm** |  | | **1xm** | **1xm** | **1xm** | | **1xm** | | | **1xm** | | **1xm** | **1xm** | | **1xm** | | **1xm** | |
| 2018-01-24 | 12,3 | | 10,6 | 19,6 | | 1,21 | 19,3 | | 0,23 | 1,40 | 2,86 | | 0,52 | | | 207 | | 71,9 | 734 | | 692 | | <5,0 | |
| 2018-02-21 | 10,7 | | 10,5 | 19,2 | | 1,14 | 19,3 | | 0,25 | 0,59 | 1,26 | | 0,42 | | | 221 | | 65,7 | 218 | | 574 | | <5,0 | |
| 2018-03-14 | 15,7 | | 11,0 | 21,7 | | 1,46 | 22,0 | | 0,30 | 0,59 | 1,26 | | 0,47 | | | 278 | | 71,2 | 198 | | 661 | | <5,0 | |
| 2018-04-11 | 15,1 | | 10,4 | 21,8 | | 1,53 | 21,0 | | 0,23 | 0,68 | 1,56 | | 6,35 | | | 143 | | 86,4 | 171 | | 696 | | <5,0 | |
| 2018-05-16 | 19,2 | | 10,0 | 21,8 | | 1,31 | 22,5 | | 0,34 | 0,35 | 2,53 | | 1,94 | | | 257 | | 57,6 | 2760 | | 626 | | <5,0 | |
| 2018-06-20 | 30,1 | | 9,7 | 24,2 | | 2,42 | 24,6 | | 0,66 | 0,34 | 1,56 | | 1,08 | | | 503 | | 91,0 | 534 | | 1106 | | <5,0 | |
|  |  | |  |  | |  |  | |  |  |  | |  | | |  | |  |  | |  | |  | |
| **Data** | | | **T** | **pH** | | | | **y25** | | | | **O2 (\*)** | | **CHZT (IMn) (\*)** | | | **SP-ChZT** | | **CHZT (K2Cr2O7)** | | **BZT 5 (\*)** | | **Fe og (\*)** | | **Ca+Mg** | | **Ap (\*)** | | **AT (\*)** | | **Cl** | | **SO4** | | **Zawies** | | **Subst rozpu** | | **Ekstrakt eterowy (\*)** | |
| **pobrania** | | | **oC** |  | | **T pom [oC]** | | **mS/cm** | | **T pom [oC]** | | **mg/l** | | **mg/l O2** | | | **mg/l O2** | | **mg/l O2** | | **mg/l O2** | | **mg/l** | | **mmol/l** | | **mmol/l H+** | | **mmol/l H+** | | **mg/l** | | **mg/l** | | **mg/l** | | **mg/l** | | **mg/l** | |
|  | | | **1xt** | **1xt** | |  | | **1xt** | |  | | **1xt** | | **1xt** | | | **1xt** | | **1xt** | | **1xt** | | **1xt** | | **1xt** | | **1xt** | | **1xt** | | **1xt** | | **1xt** | | **1xt** | | **1xt** | | **1xt** | |
| 2019.01.02 | | | 9,3 | 8,1 | | 15,7 | | 1,95 | | 17,3 | | 10,25 | | 5,45 | | | 19,1 | |  | | 4,48 | | 0,088 | | 3,28 | | 0,00 | | 2,73 | | 466 | | 85,8 | | 30 | | 1189 | | <5,0 | |
| 2019.01.09 | | | 8,4 | 8,0 | | 12,1 | | 1,76 | | 10,7 | | 10,15 | | 5,67 | | | 19,5 | |  | | 3,62 | | 0,075 | | 3,20 | | 0,00 | | 3,16 | | 417 | | 79,5 | | 27 | | 1091 | | <5,0 | |
| 2019.01.14 | | | 8,8 | 8,0 | | 13,9 | | 1,40 | | 17,4 | | 10,08 | | 5,02 | | | 18,3 | |  | | 3,29 | | 0,090 | | 2,91 | | 0,00 | | 2,97 | | 360 | | 62,6 | | 22 | | 910 | | <5,0 | |
| 2019.01.22 | | | 8,1 | 8,0 | | 18,6 | | 1,29 | | 19,4 | | 10,42 | | 5,50 | | | 19,8 | |  | | 2,95 | | 0,75 | | 3,22 | | 0,00 | | 2,95 | | 267 | | 48,4 | | 25 | | 789 | | <5,0 | |
| 2019.01.30 | | | 5,2 | 8,1 | | 6,4 | | 1,76 | | 6,8 | | 10,27 | | 5,64 | | | 18,3 | |  | | 3,05 | | 0,56 | | 3,47 | | 0,00 | | 3,31 | | 376 | | 50,4 | | 10 | | 1152 | | <5,0 | |
| 2019.02.06 | | | 5,4 | 8,1 | | 7,2 | | 2,42 | | 7,8 | | 10,21 | | 5,47 | | | 18,7 | |  | | 3,43 | | 0,68 | | 3,78 | | 0,07 | | 3,07 | | 561 | | 110,1 | | 27 | | 1505 | | <5,0 | |
| 2019.02.13 | | | 7,9 | 8,1 | | 20,4 | | 1,39 | | 20,9 | | 10,36 | | 5,49 | | | 19,2 | |  | | 2,45 | | 0,44 | | 2,87 | | 0,05 | | 2,98 | | 261 | | 57,2 | | 20 | | 817 | | <5,0 | |
| 2019.02.20 | | | 11,1 | 8,2 | | 20,9 | | 1,50 | | 19,9 | | 10,71 | | 5,44 | | | 19,4 | |  | | 2,81 | | 0,37 | | 2,76 | | 0,07 | | 2,32 | | 317 | | 66,5 | | 17 | | 854 | | <5,0 | |
| 2019.02.27 | | | 8,8 | 8,2 | | 20,4 | | 0,980 | | 20,1 | | 10,13 | | 5,42 | | | 20,2 | |  | | 2,92 | | 0,51 | | 2,23 | | 0,06 | | 2,41 | | 171 | | 49,0 | | 23 | | 579 | | <5,0 | |
| 2019.03.06 | | | 7,8 | 8,2 | | 19,4 | | 1,39 | | 19,7 | | 9,25 | | 5,23 | | | 19,5 | |  | | 2,13 | | 0,49 | | 2,85 | | 0,07 | | 2,78 | | 289 | | 65,2 | | 23 | | 911 | | <5,0 | |
| 2019.03.13 | | 11,9 | | | 7,9 | 15,9 | | | 1,41 | | 19,1 | | 9,24 | | 5,06 | | | 20,2 |  | 2,56 | | 0,46 | | 2,53 | | 0,06 | | 2,55 | | 327 | | 68,3 | | 23 | | 858 | | <5,0 | |
| 2019.03.18 | | 12,1 | | | 7,8 | 18,7 | | | 1,40 | | 18,9 | | 7,91 | | 5,14 | | | 18,3 |  | 2,62 | | 0,53 | | 2,64 | | 0,00 | | 2,23 | | 314 | | 64,2 | | 20 | | 937 | | <5,0 | |
| 2019.03.27 | | 11,7 | | | 7,8 | 14,7 | | | 1,03 | | 15,9 | | 8,80 | | 5,57 | | | 23,4 |  | 3,22 | | 0,47 | | 2,26 | | 0,00 | | 2,48 | | 197 | | 54,9 | | 25 | | 731 | | <5,0 | |
| 2019.04.04 | | 10,0 | | | 7,9 | 18,1 | | | 1,54 | | 20,9 | | 8,88 | | 5,77 | | | 16,8 |  |  | | 0,48 | | 2,87 | | 0,00 | | 2,84 | | 339 | | 67,2 | | 21 | | 768 | | <5,0 | |

Opracował:

B. Marczewski