|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Mean µg As g-1 | Angle | Arbor | Bonney | Dolloff | Killarney | Mirror | Pine | Spider | Steel | Trout | Correlation to littoral sediment (R2) | Coeffecient of determination (Adjusted R2) – Added by RRS | p-value – Added by RRS |
| littoral sediment | 35 ± 3.8 | 12 | 10 ± 0.3 | 20 | 213 ± 84 | 19 | 9 | 22 | 50 ± 27 | 7 |  |  |  |
| oxic water (µg As L-1) | 1.5 ± 0.1 |  | 0.03 ± 0.04 |  | 20 ± 4.4 |  |  |  | 1.8 ± 0.4 |  | 0.9881 | 0. 0.982 | 0.00598 |
| periphyton | 305 ± 15 | 17 ± 0.4 | 16 ± 14 | 81 ± 23 | 627 ± 92 | 156 ± 26 |  |  | 128 ± 6.7 | 25 ± 3.2 | 0.8601 | 0.8368 | 0.000904 |
| phytoplankton | 65 ± 42 | 6.9 ± 1.0 | 7.3 ± 4.6 | 11 ± 3.9 | 392 ± 294 | 27 ± 2.0 |  | 40 ± 32 | 61 ± 68 | 6.7 ± 1.8 | 0.9917 | 0.991 | 1.51e-8 |
| macrophyte | 50 ± 28 |  |  |  | 273 ± 59 |  |  |  |  |  |  |  |  |
| chironomid | 5.7 ± 0.5 |  |  |  | 27 ± 3.1 |  |  |  |  |  |  |  |  |
| snail | 17 ± 11 |  | 2.9 ± 0.4 | 3.5 ± 1.3 | 45 ± 15 |  |  |  | 15 ± 14 | 3.7 ± 0.8 | 0.9453 | 0.932 | 0.00114 |
| zooplankton | 6.4 ± 4.7 |  | 1.0 ± 0.6 |  | 14 ± 6.8 |  |  |  | 4.7 ± 3.7 |  | 0.9083 | 0.863 | 0.0469 |
| fish | 0.30 ± 0.14 |  | 0.07 ± 0.08 |  | 0.63 ± 0.20 |  | 0.17 ± 0.08 |  | 0.44 ± 0.08 |  | 0.7777 | 0.704 | 0.0479 |