|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Variables | Number of samples | R2 | RMSE | Percent bias (%) |
| Tidal range (m) | 8 | 0.98 | 0.06 | 0.5 |
| Salinity | 14 | 0.98 | 0.70 | -16 |
| TSS (mgL-1) | 14 | 0.86 | 13.51 | 3 |
| DO (mgL-1) | 14 | 0.70 | 0.50 | 4 |
| NH4-N (mgL-1) | 14 | 0.91 | 0.21 | 18 |
| TOC (mgL-1) | 14 | 0.78 | 0.86 | -3 |
| PO4-P (mgL-1) | 14 | 0.60 | 0.02 | 39 |
| Phytoplankton (mgL-1) | 3 | 0.88 | 0.4 | 178 |
| DSi (mgL-1) | 3 | 0.80 | 0.54 | 30 |
| NO3-N(mgL-1) | 3 | 0.63 | 0.15 | -18 |