

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
NH ₄ -N (mgL ⁻¹)	14	0.91	0.21	18
TOC (mgL ⁻¹)	14	0.78	0.86	-3
PO ₄ -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
NO ₃ -N(mgL ⁻¹)	3	0.63	0.15	-18