Variables	Number of samples	R^2	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