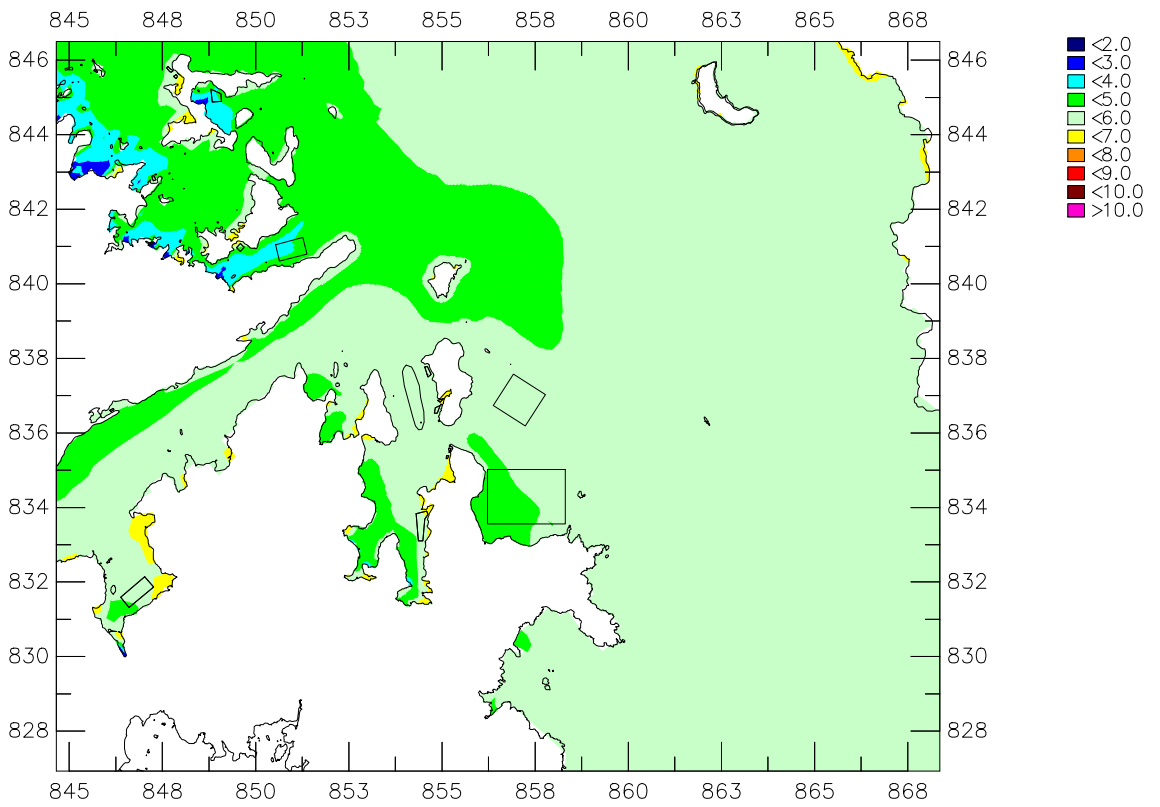
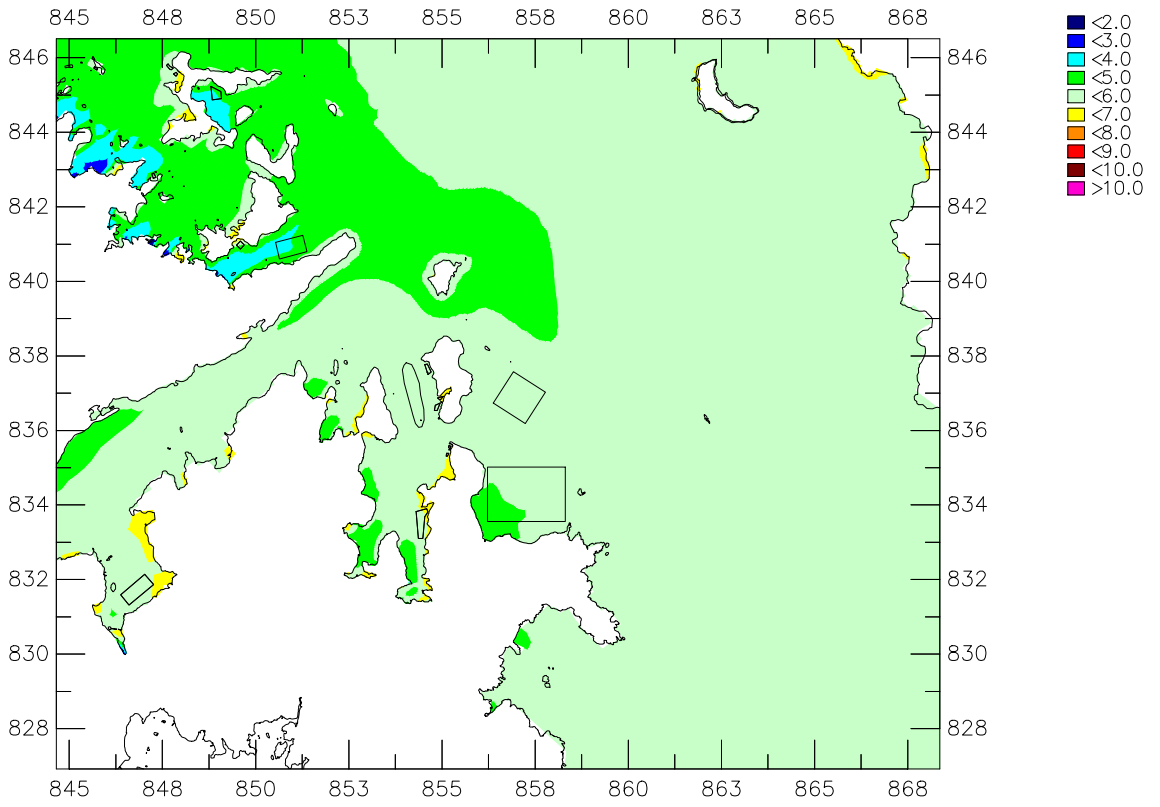


## **APPENDIX 3C      CONTOUR PLOTS OF WATER QUALITY PARAMETER**



10th-percentile Depth-averaged Dissolved Oxygen (mg/L)  
 Top: Baseline Scenario  
 Bottom: Project Scenario

2023

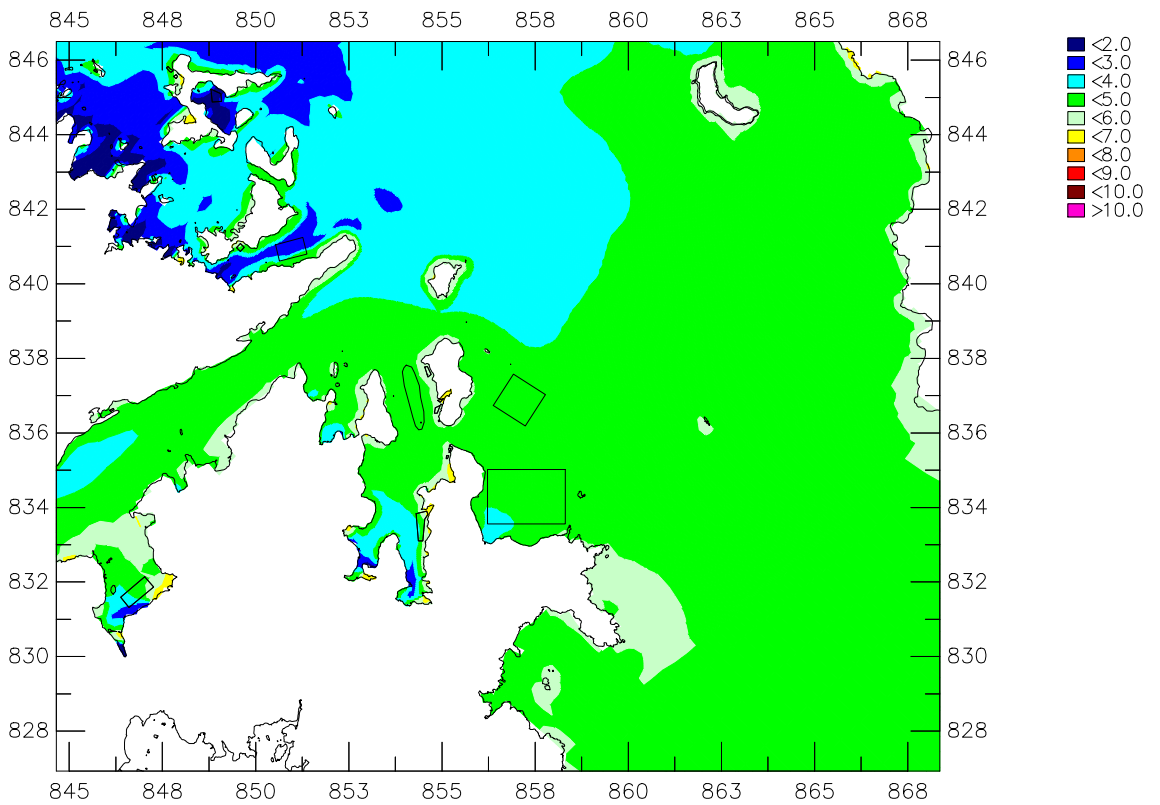
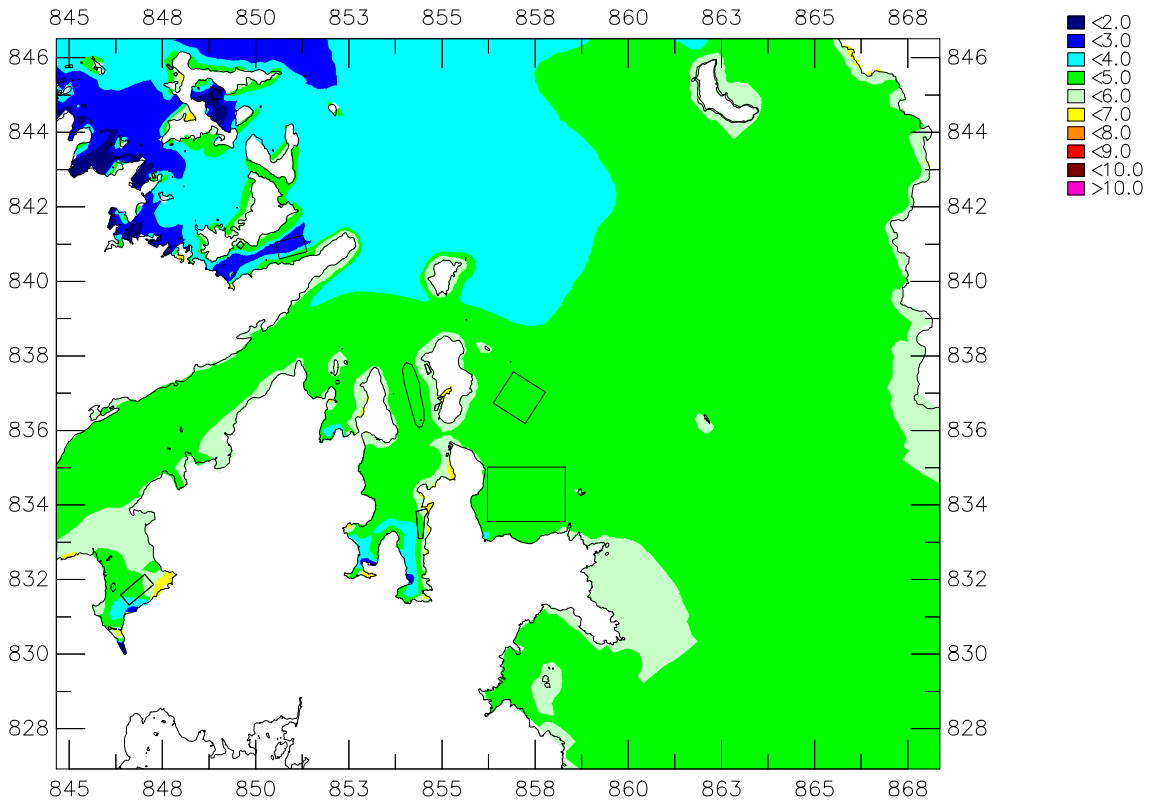
Annual

0549925

ERM

GPP/WQ

Plot-STKDD-v2.ssn



10th-percentile Bottom Dissolved Oxygen (mg/L)  
 Top: Baseline Scenario  
 Bottom: Project Scenario

2023

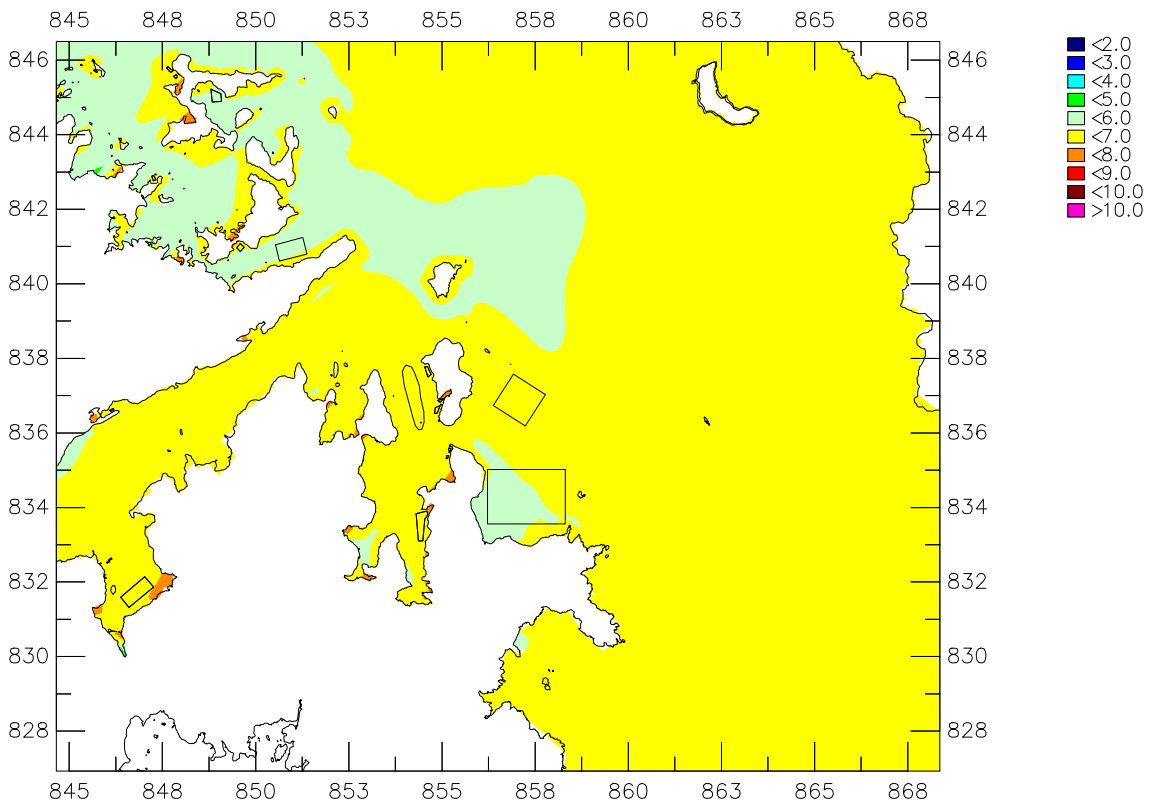
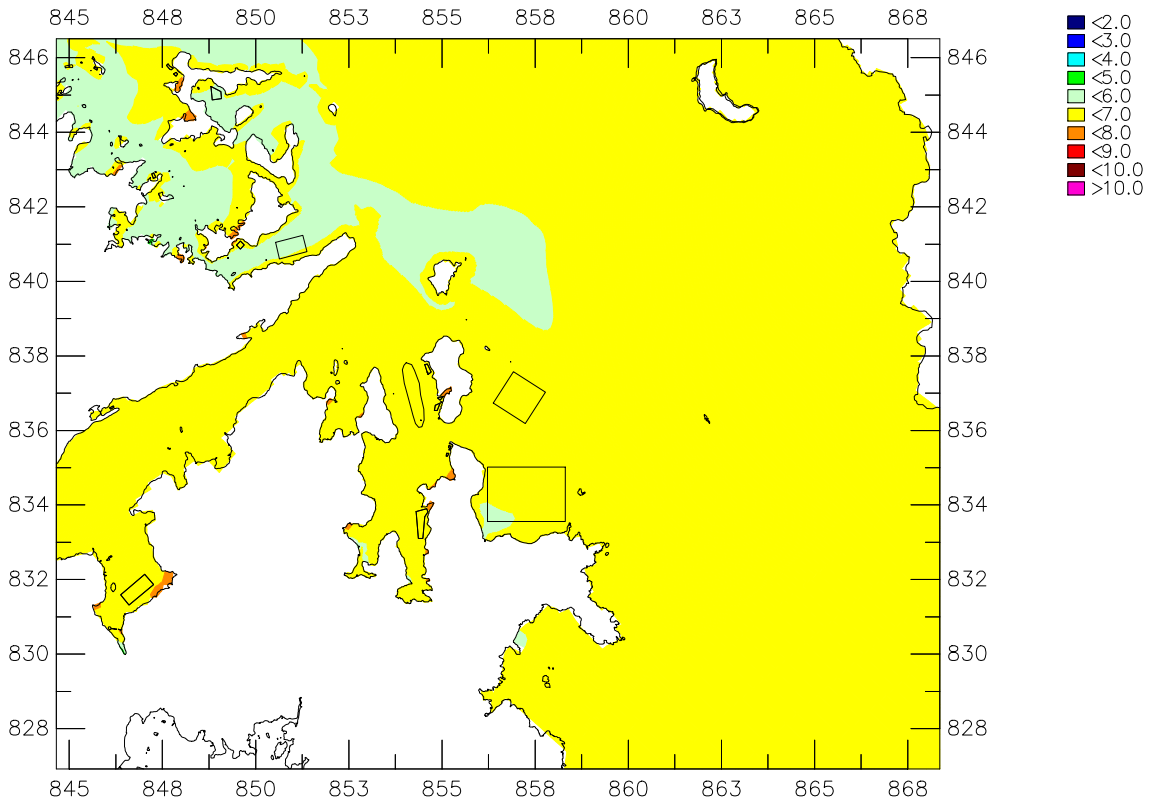
Annual

0549925

ERM

GPP/WQ

Plot-STKDD-v2.ssn



Mean Depth-averaged Dissolved Oxygen (mg/L)  
 Top: Baseline Scenario  
 Bottom: Project Scenario

2023

Annual

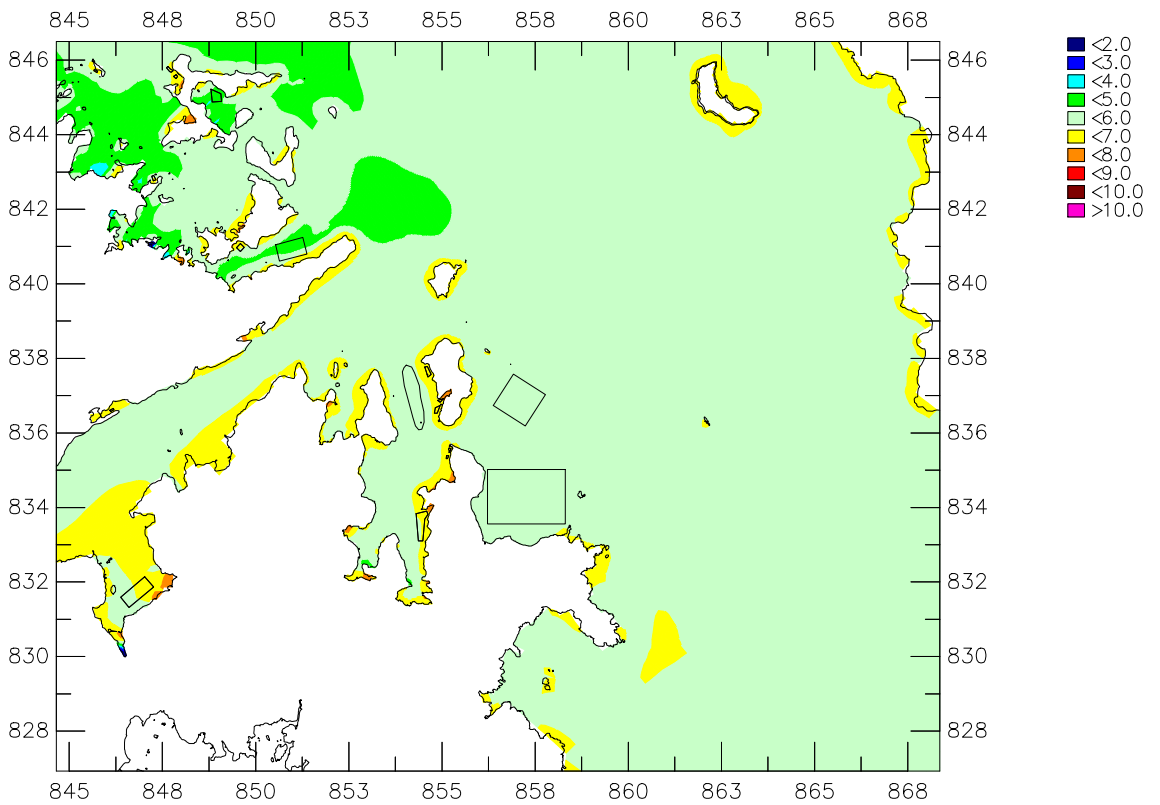
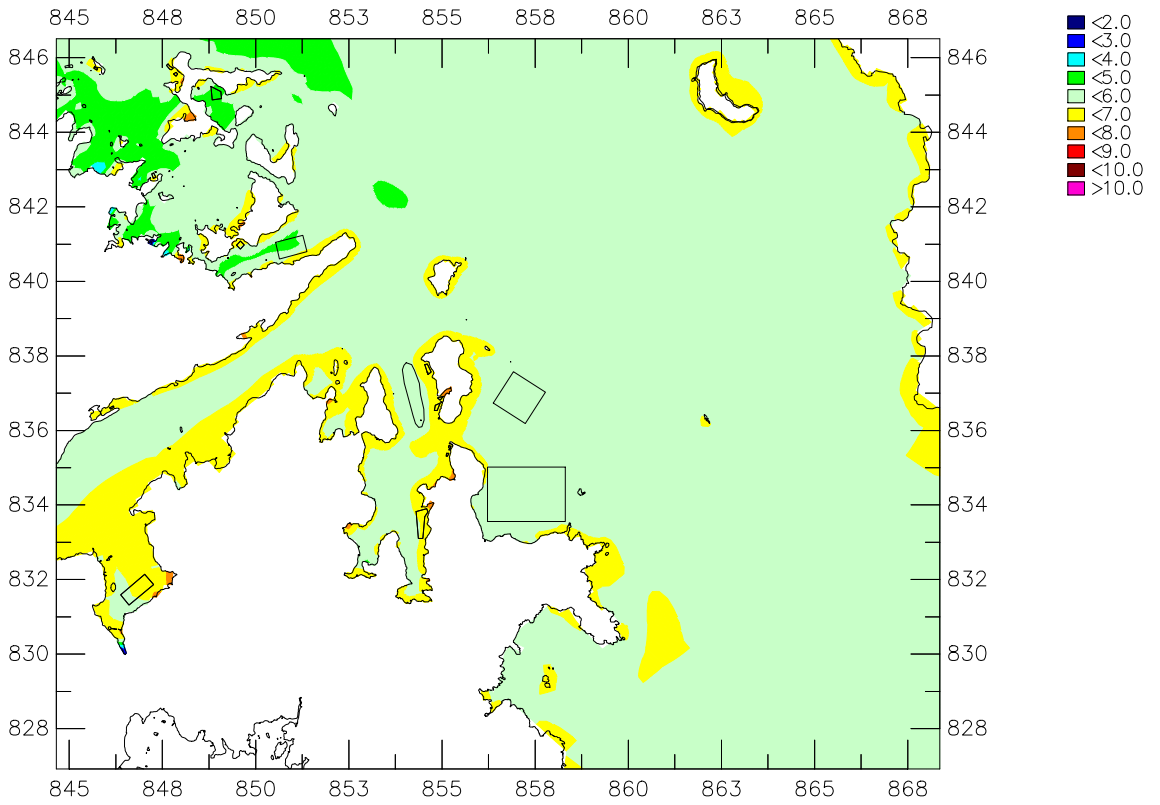
0549925

ERM

GPP/WQ

Plot-STKDD-v2.ssn

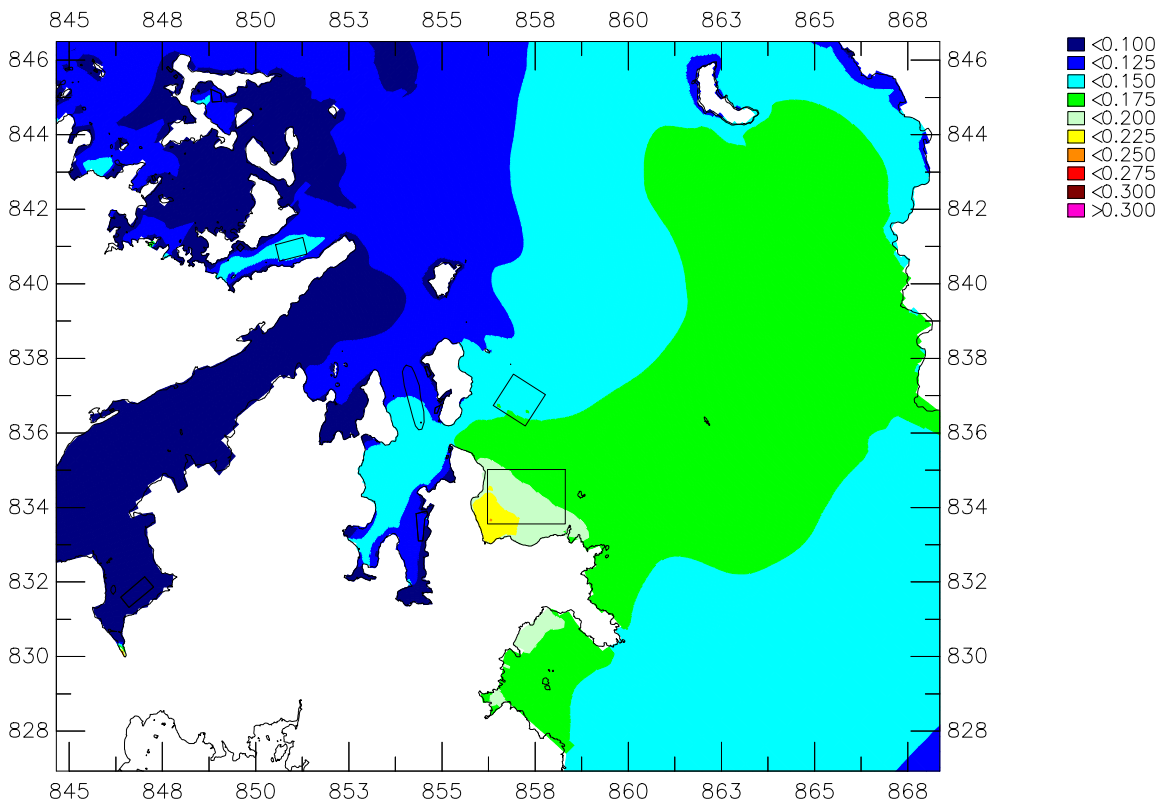
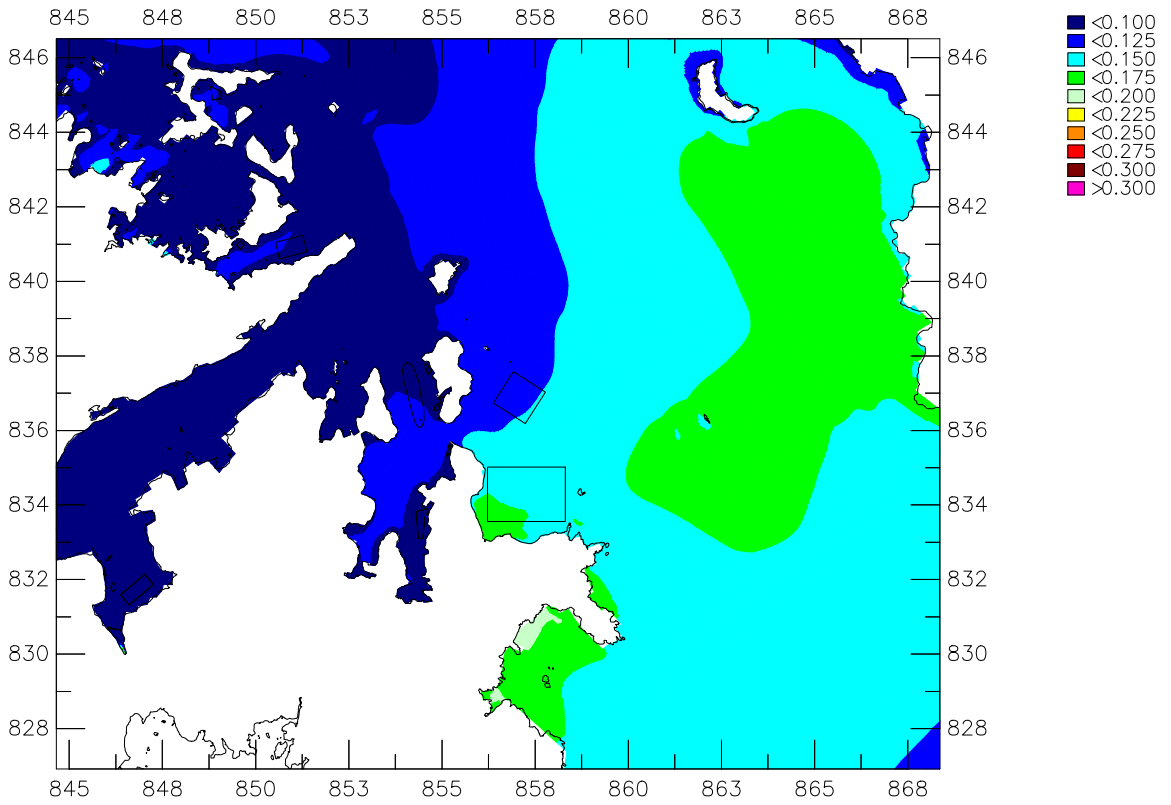




Mean Bottom Dissolved Oxygen (mg/L)  
 Top: Baseline Scenario  
 Bottom: Project Scenario

2023	Annual
0549925	
GPP/WQ	Plot·STKDD-v2.ssn

ERM



Mean Depth-averaged Total Inorganic Nitrogen (mg/L)  
 Top: Baseline Scenario  
 Bottom: Project Scenario

2023

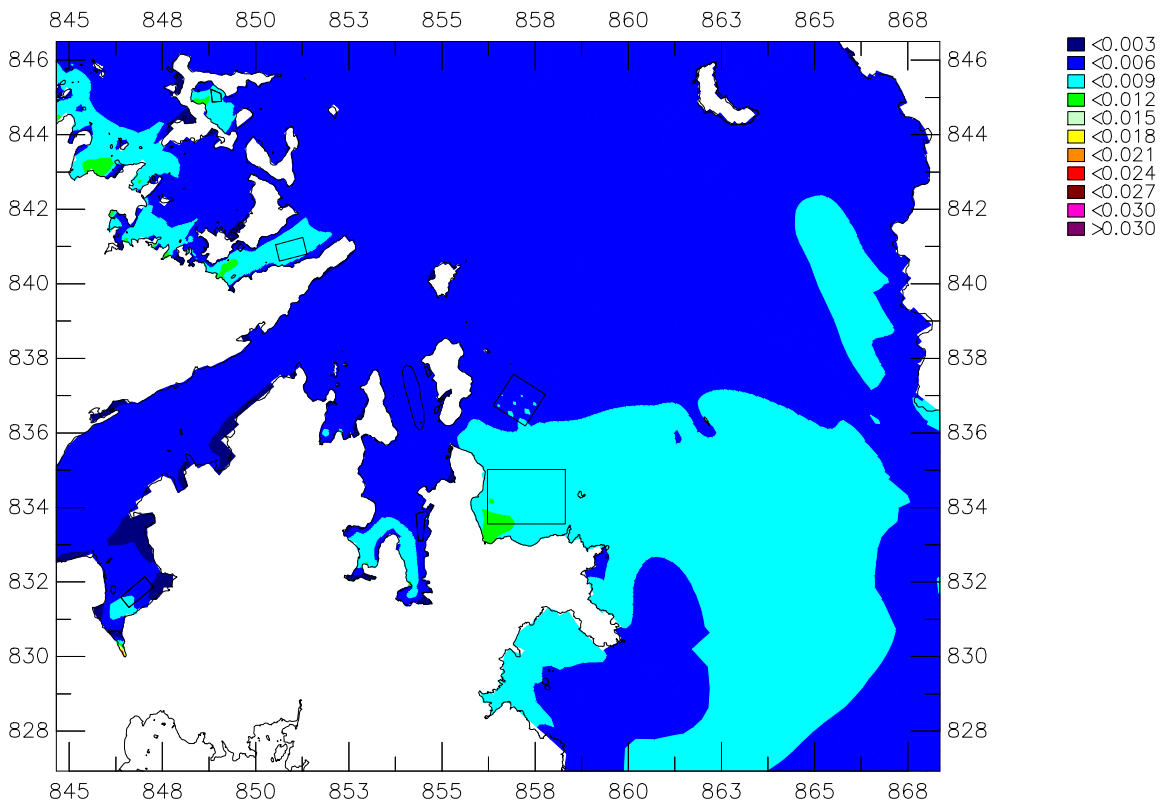
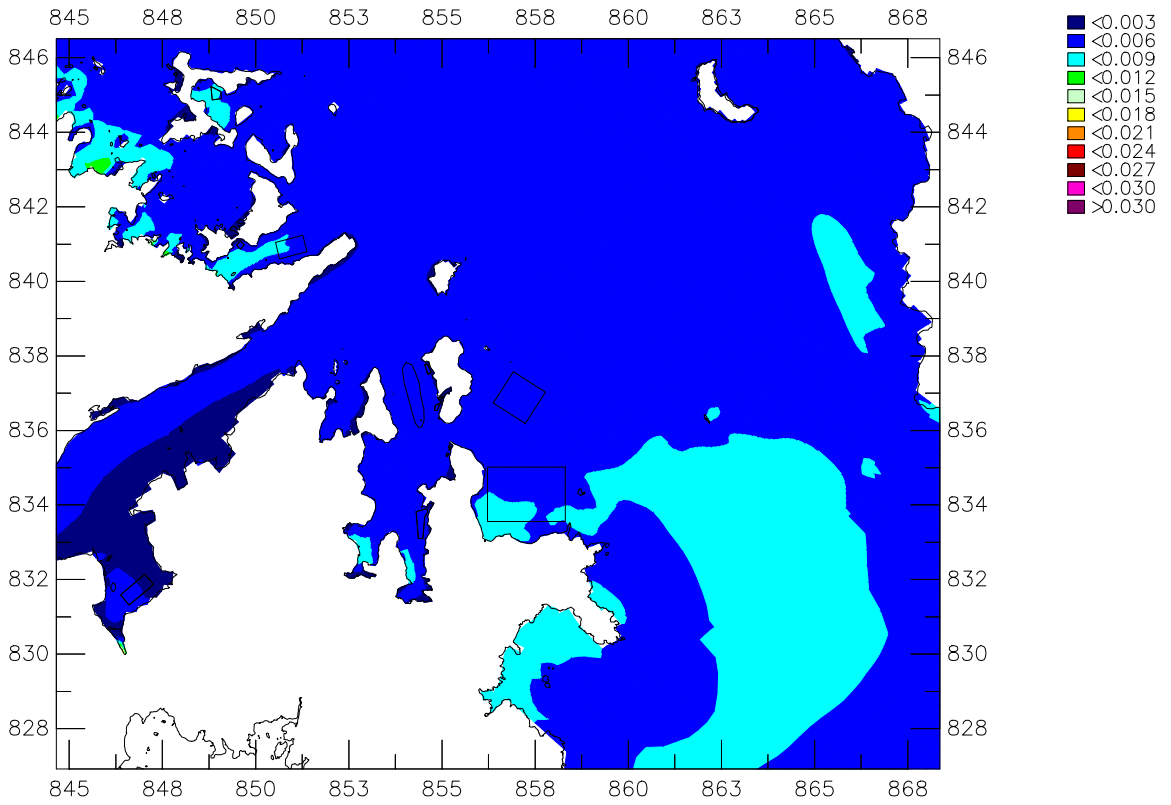
Annual

0549925

ERM

GPP/WQ

Plot-STKDD-v2.ssn



Mean Depth-averaged Unionized Ammonia (mg/L)

Top: Baseline Scenario

Bottom: Project Scenario

2023

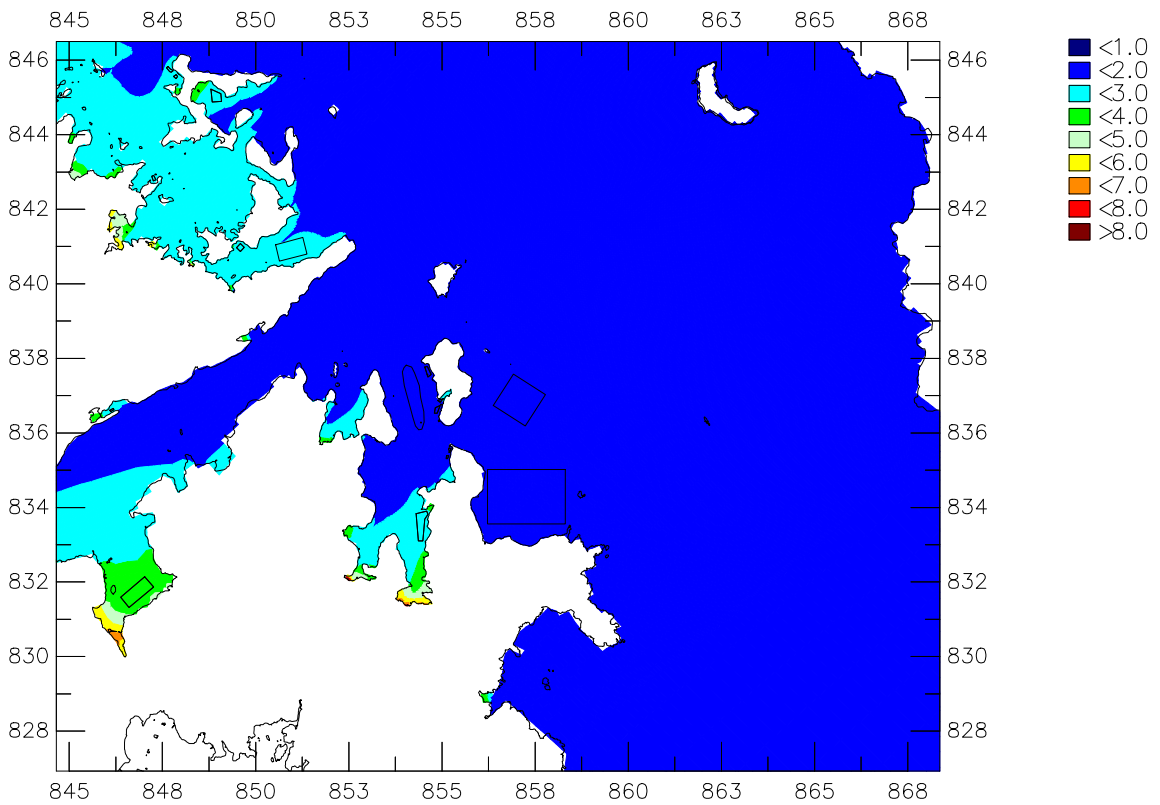
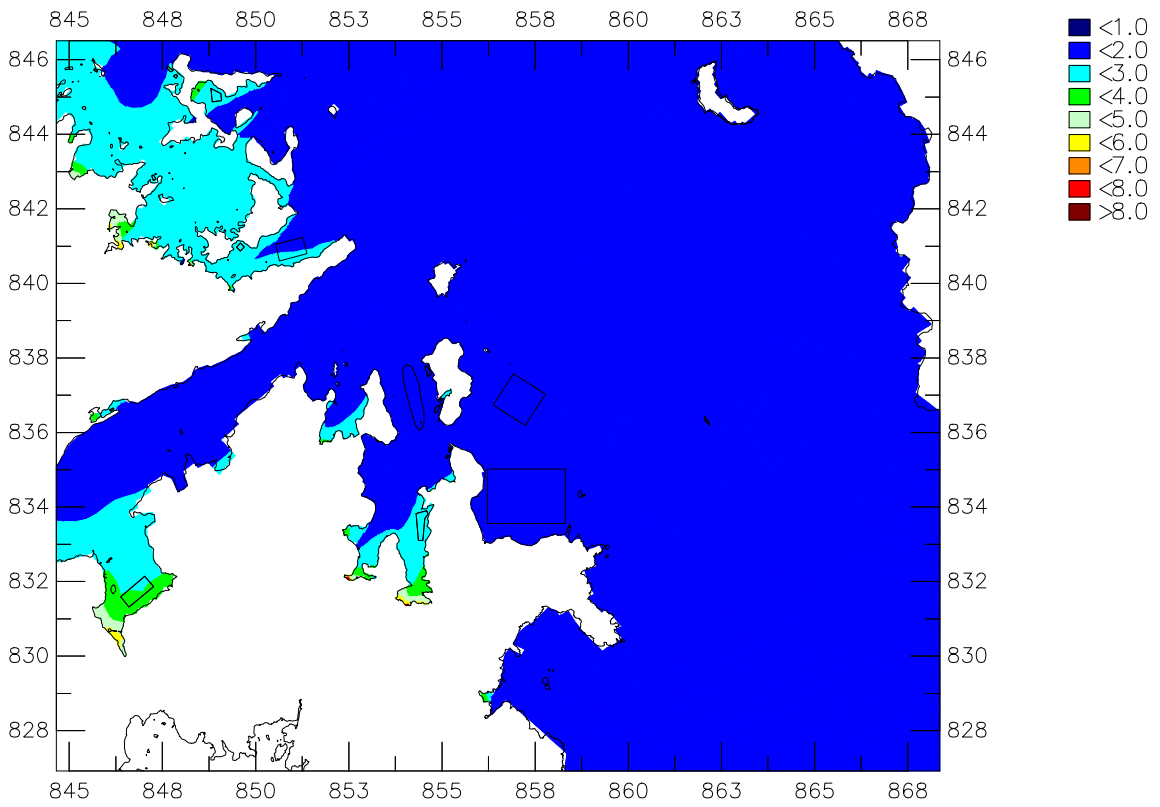
Annual

0549925

ERM

GPP/WQ

Plot-STKDD-v2.ssn



Mean Depth-averaged Suspended Solids (mg/L)

Top: Baseline Scenario

Bottom: Project Scenario

2023

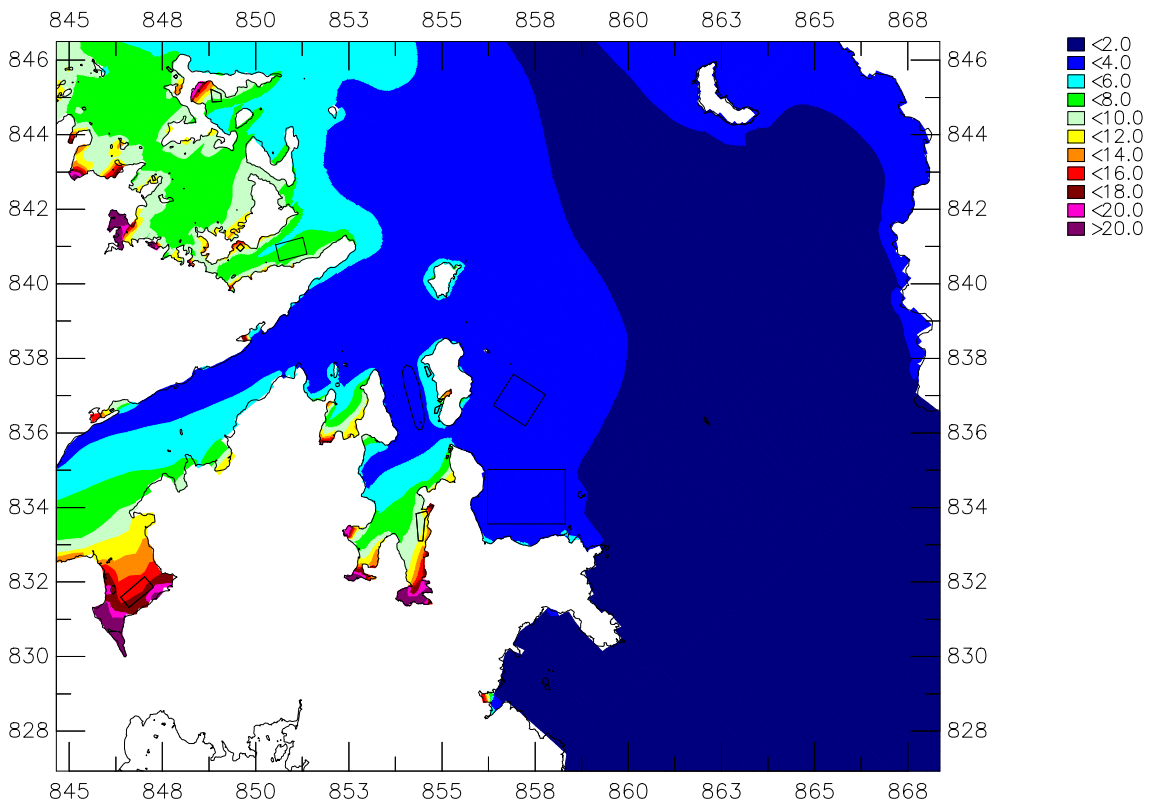
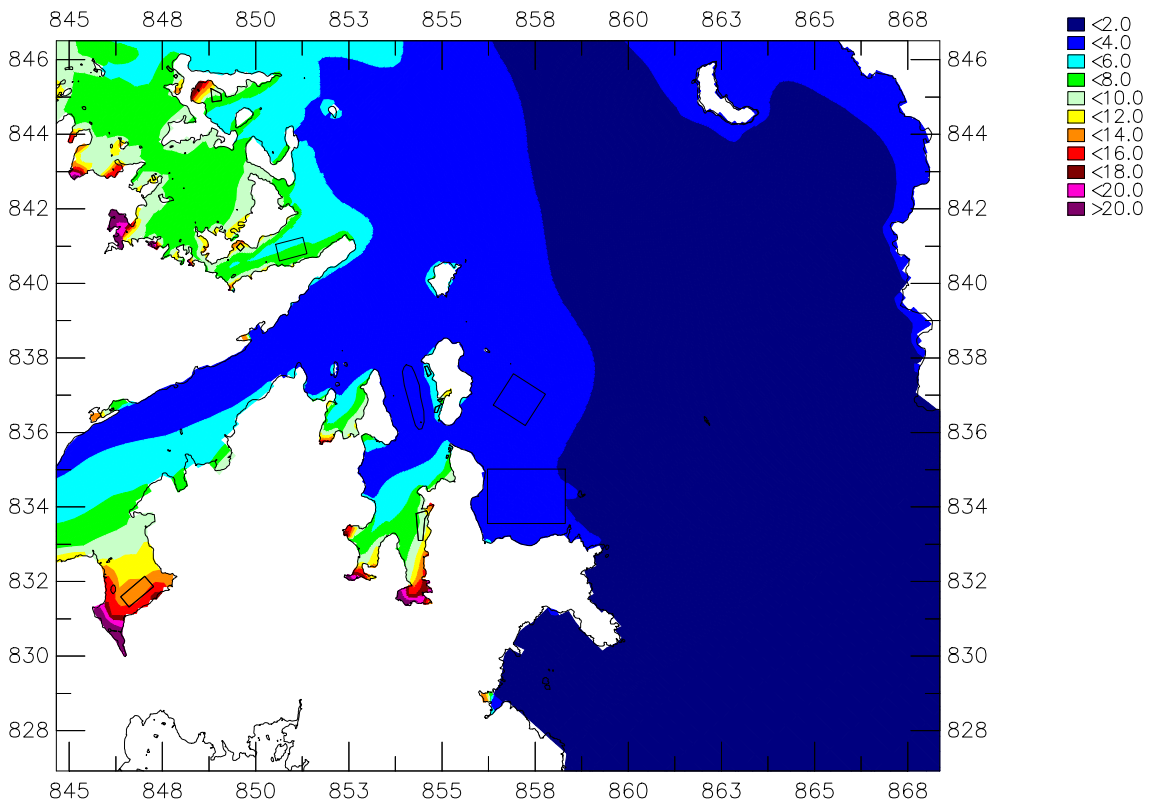
Annual

0549925

ERM

GPP/WQ

Plot-STKDD-v2.ssn



Mean Depth-averaged Chlorophyll-a (ug/L)

Top: Baseline Scenario

Bottom: Project Scenario

2023

Annual

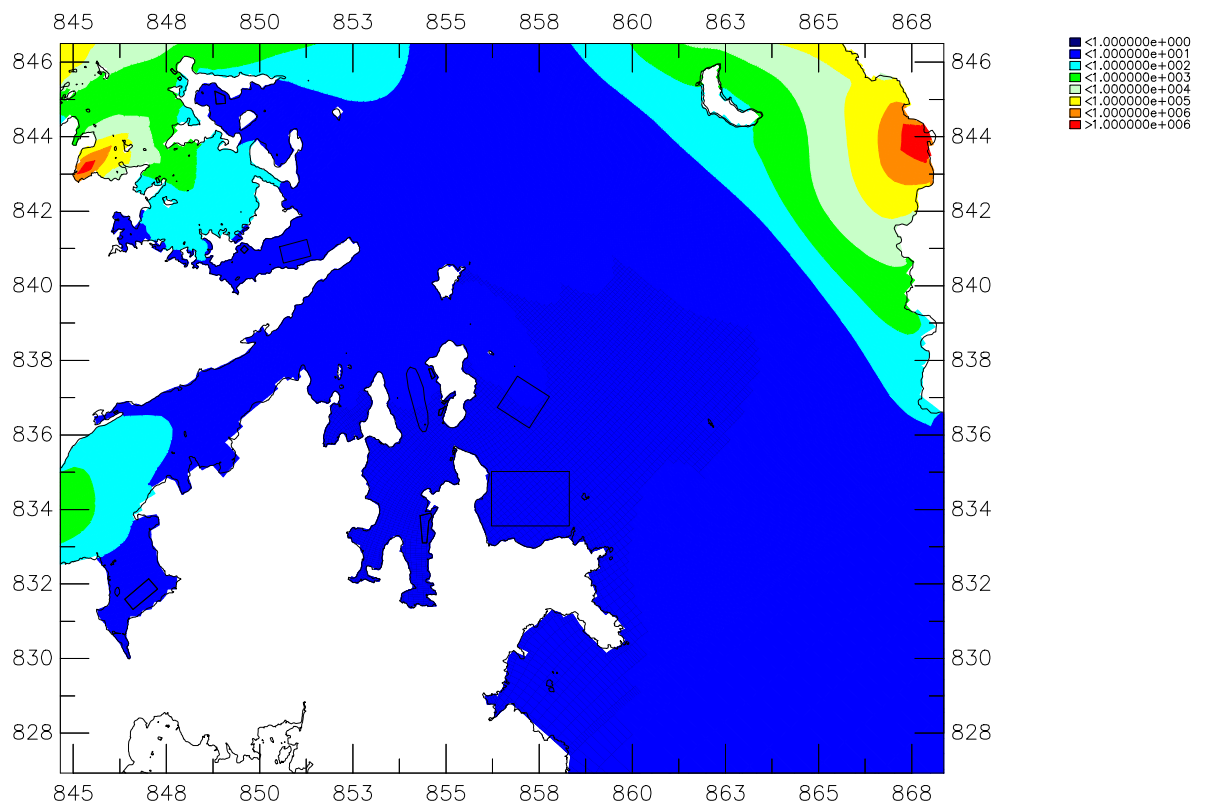
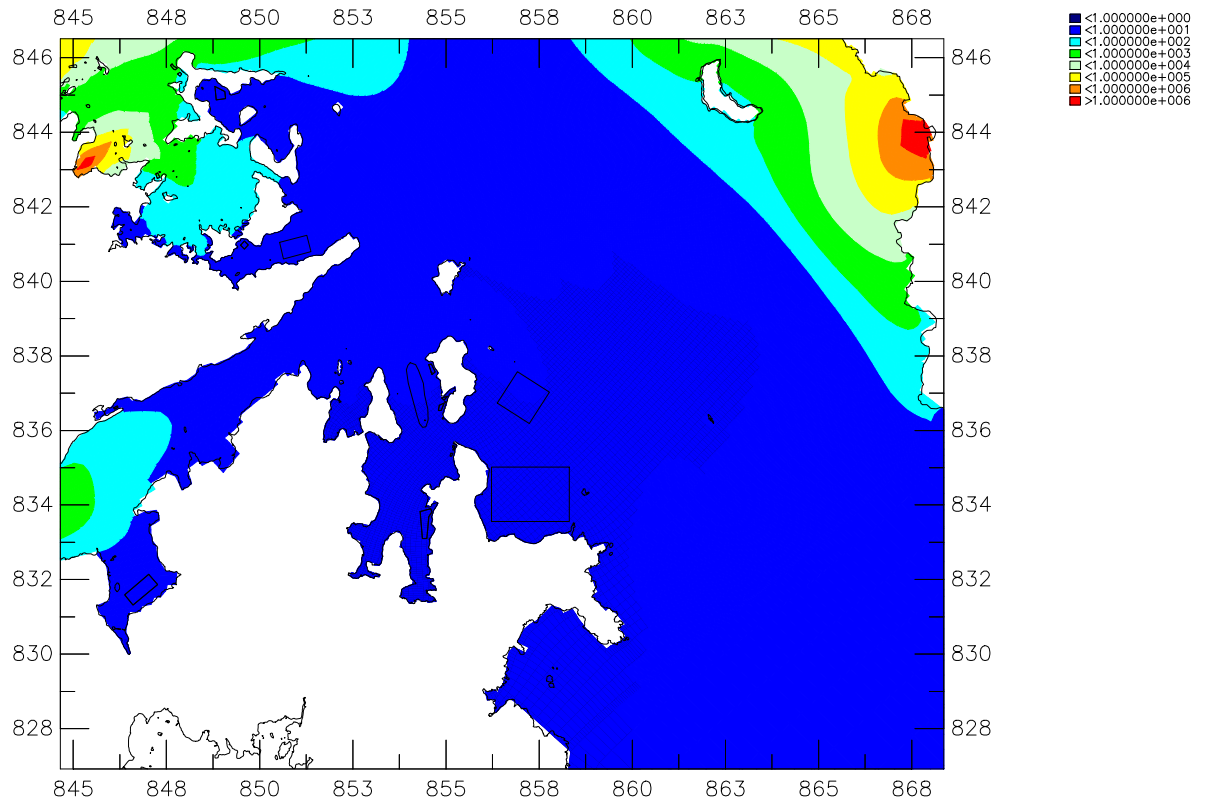
0549925

ERM

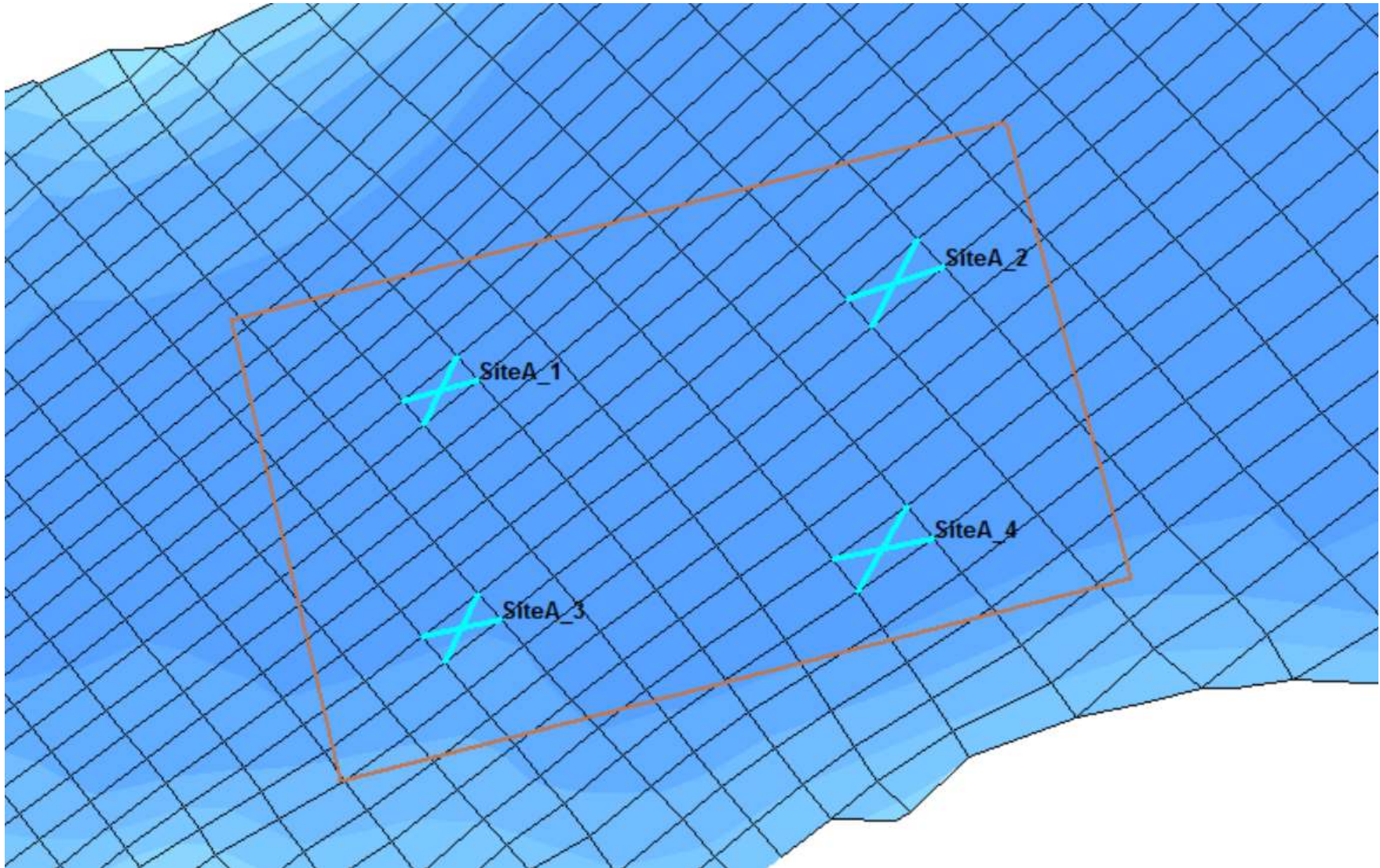
GPP/WQ

Plot-STKDD-v2.ssn

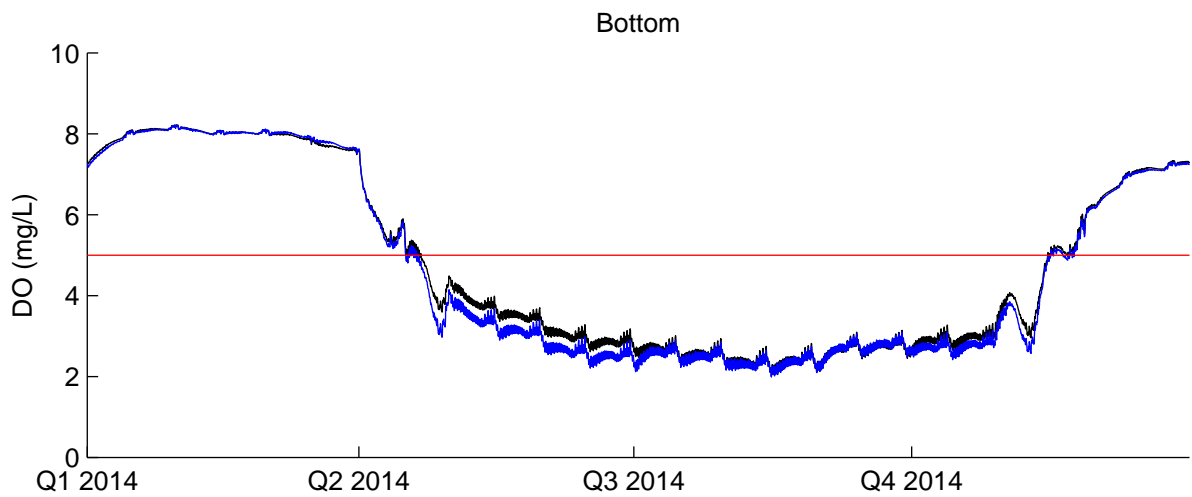
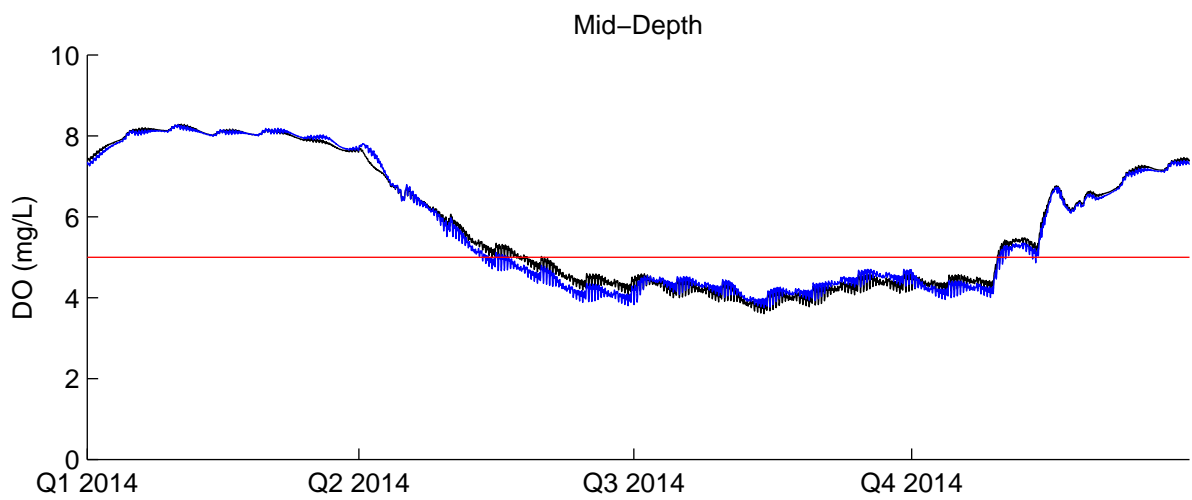
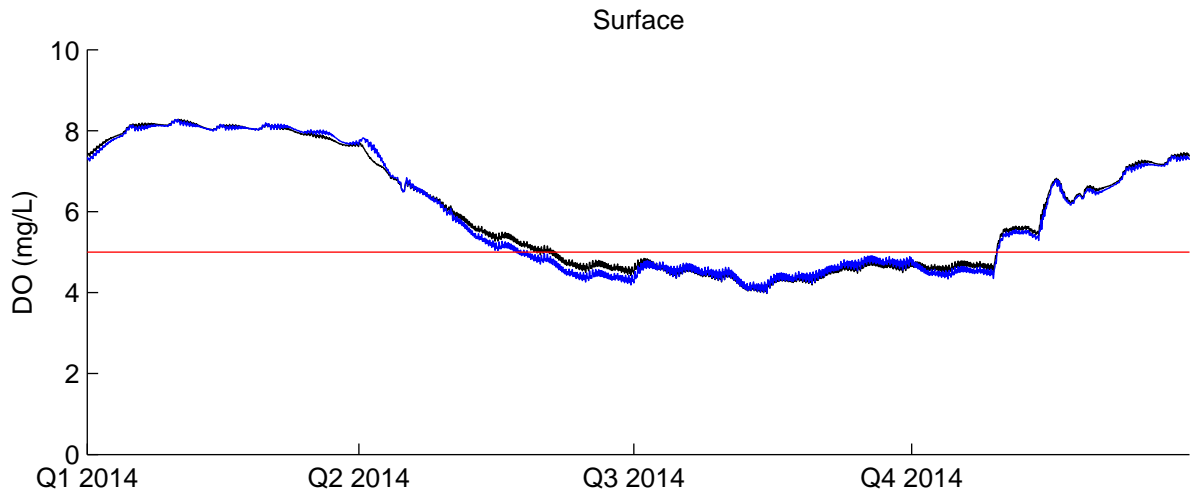




Geomean Depth-averaged E.coli (no./m <sup>3</sup> ) Top: Baseline Scenario Bottom: Project Scenario	2023	Annual
	0549925	
ERM	GPP/WQ	Plot-STKDD-v2.ssn



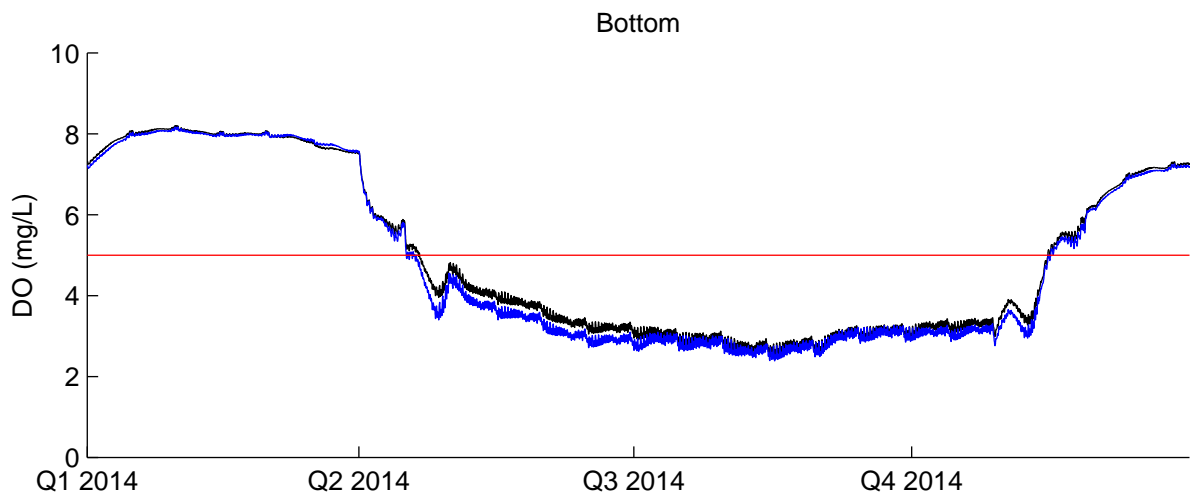
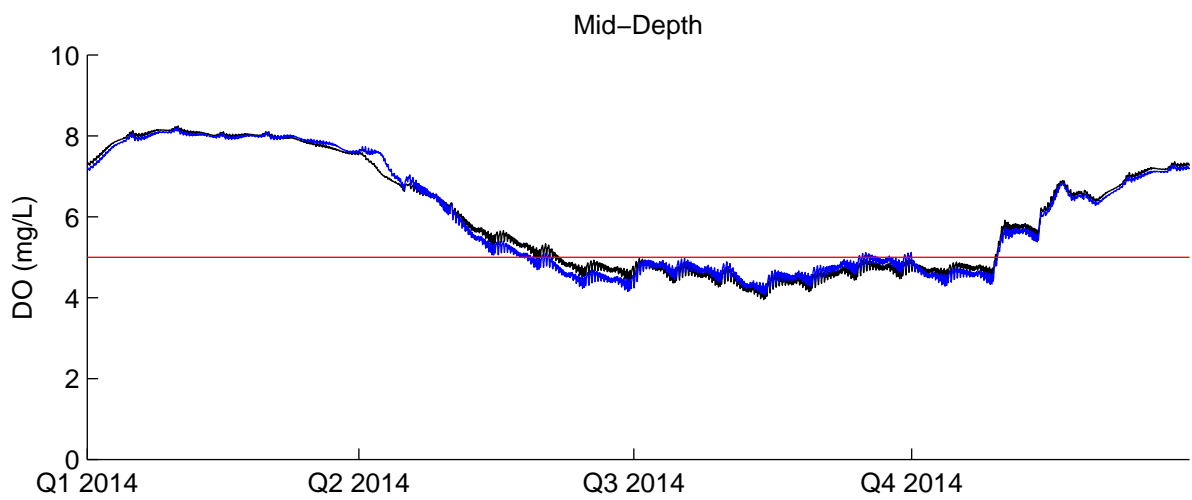
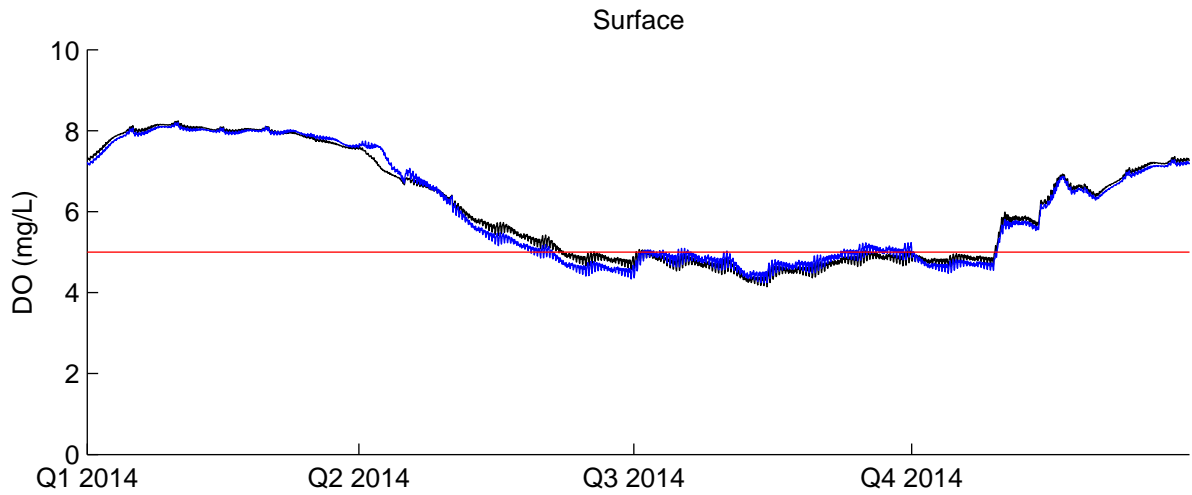
Output locations for time series output



Dissolved Oxygen (mg/L) at Location 1 of Site A  
 Baseline: Black; Project: Blue; 16L/s: Criterion: Red

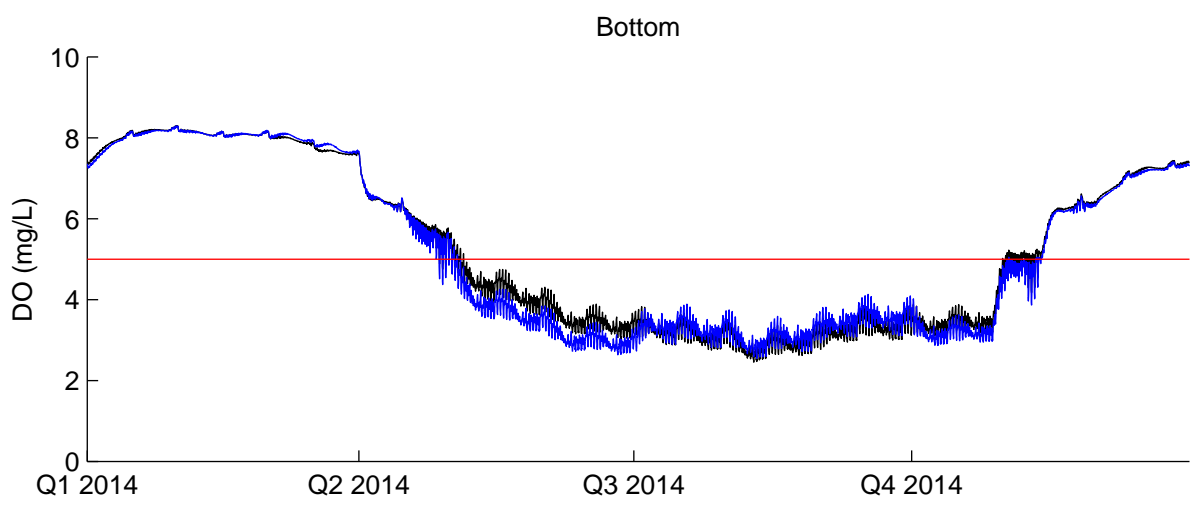
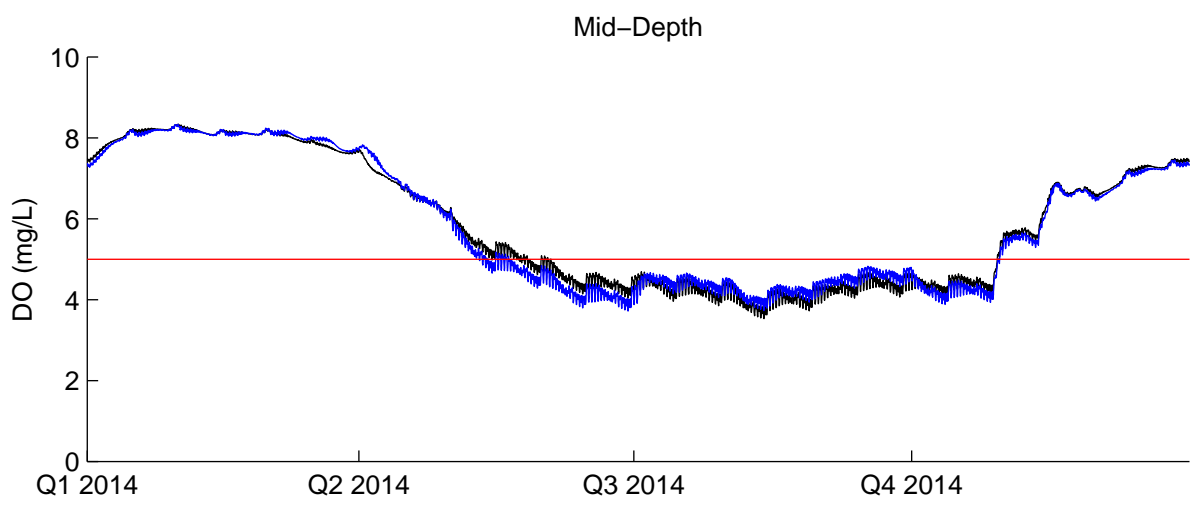
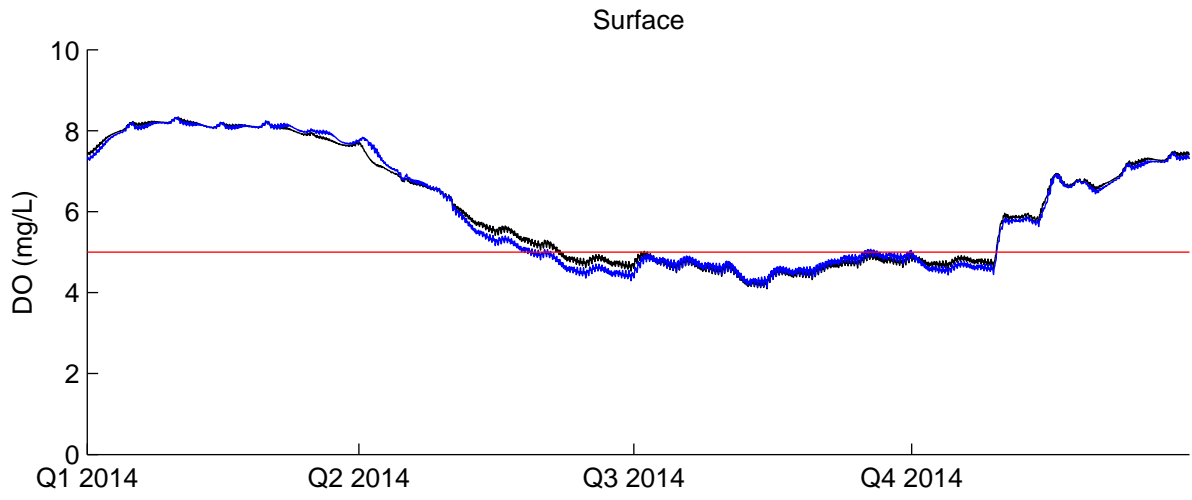
**ERM**





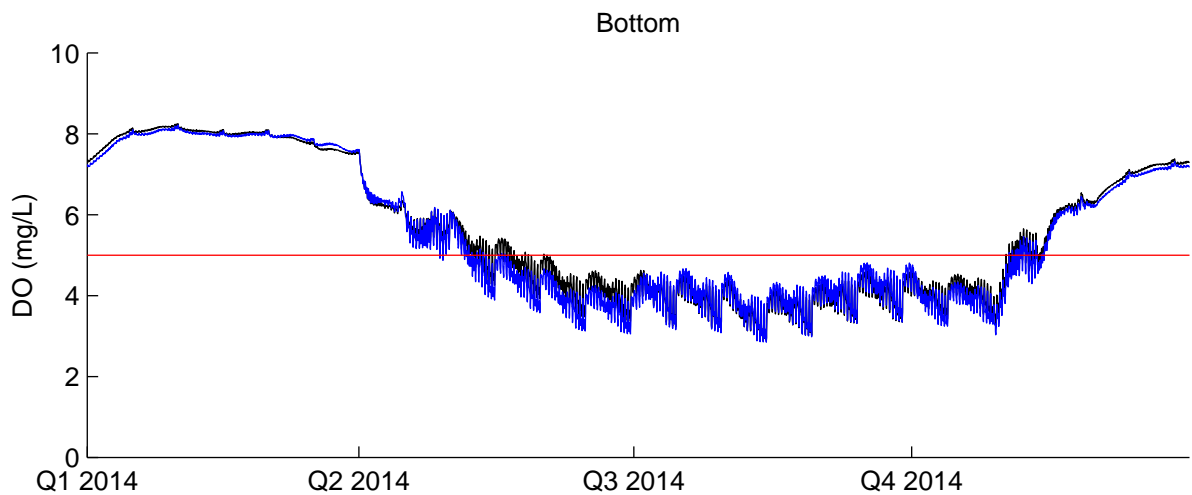
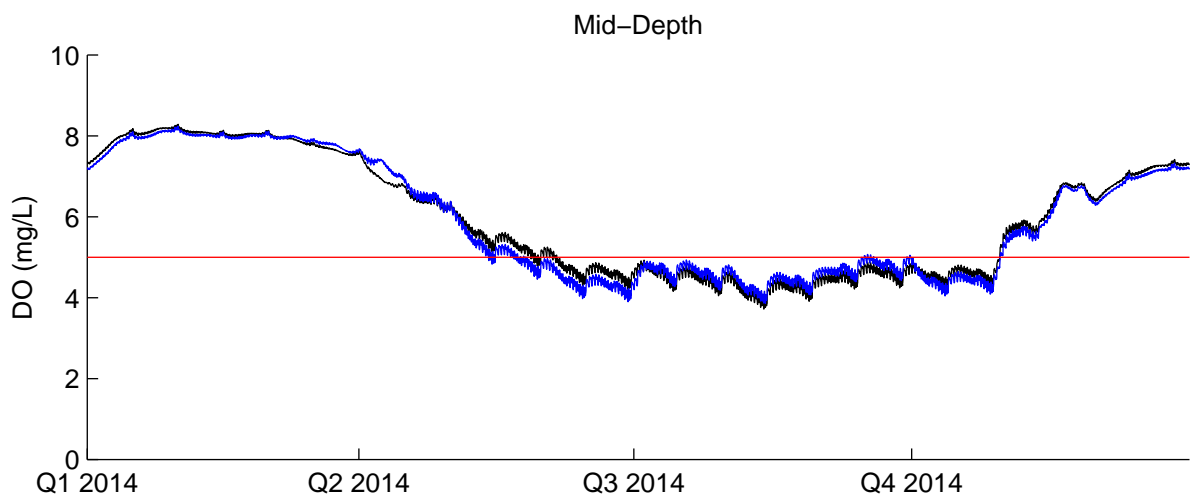
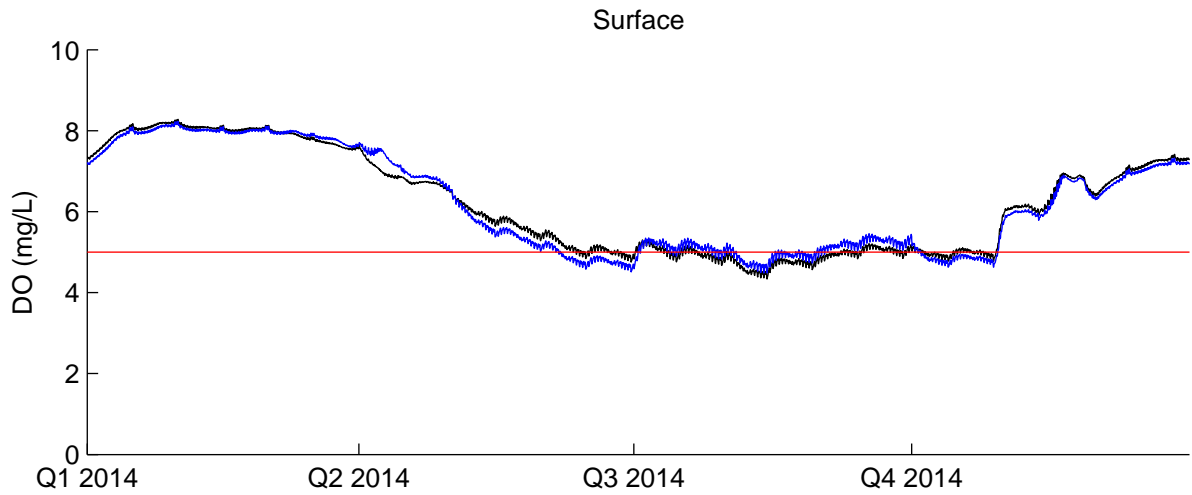
Dissolved Oxygen (mg/L) at Location 2 of Site A  
 Baseline: Black; Project: Blue; 16L/s: Criterion: Red

**ERM**



Dissolved Oxygen (mg/L) at Location 3 of Site A  
 Baseline: Black; Project: Blue; 16L/s: Criterion: Red

**ERM**



Dissolved Oxygen (mg/L) at Location 4 of Site A  
 Baseline: Black; Project: Blue; 16L/s: Criterion: Red

ERM