

Figure 1 WASP Model Schematic

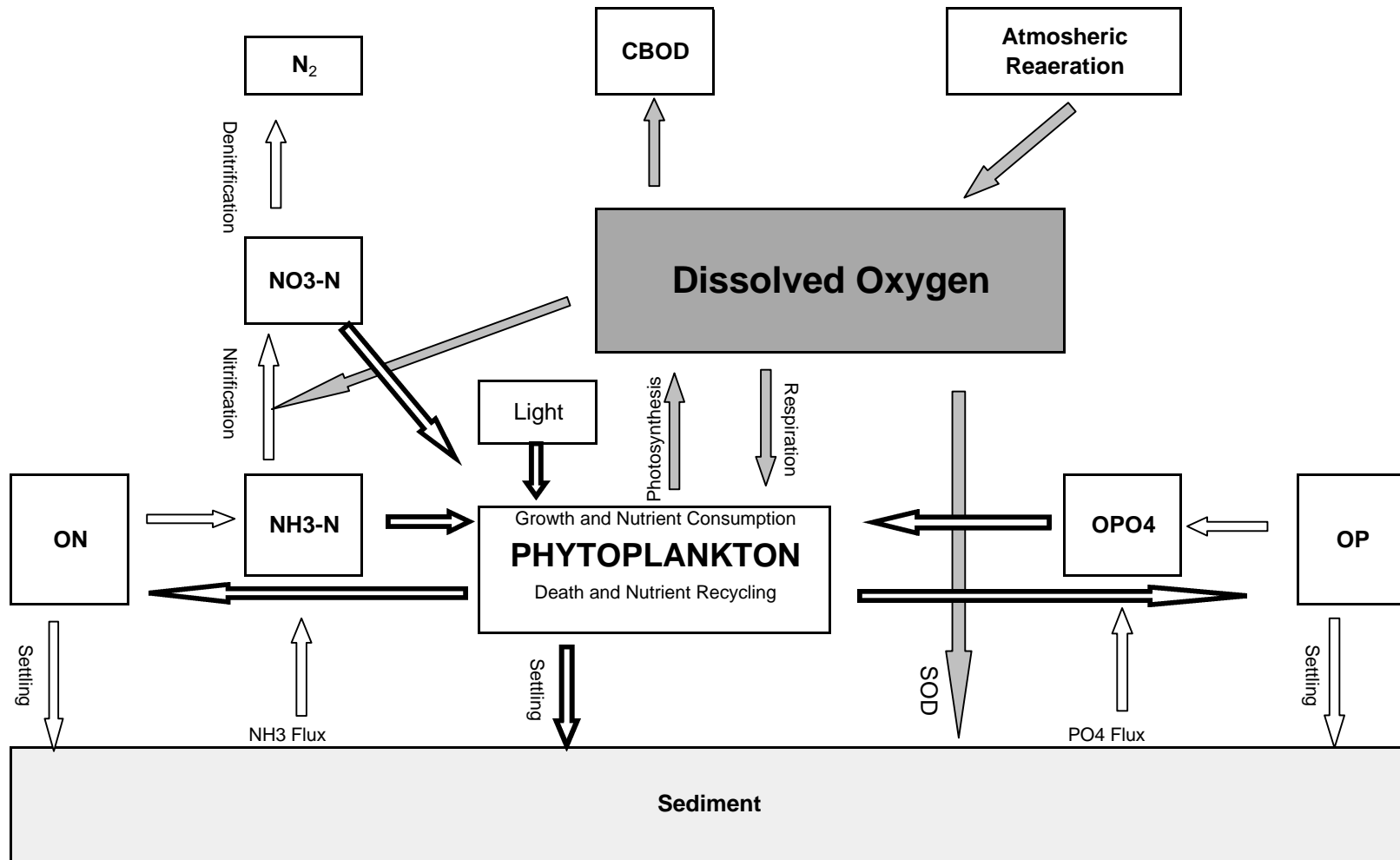


Figure2
Model Reach Setup for WASP Water Quality Model
St Georges Estuary from Payson Park to Fort Point

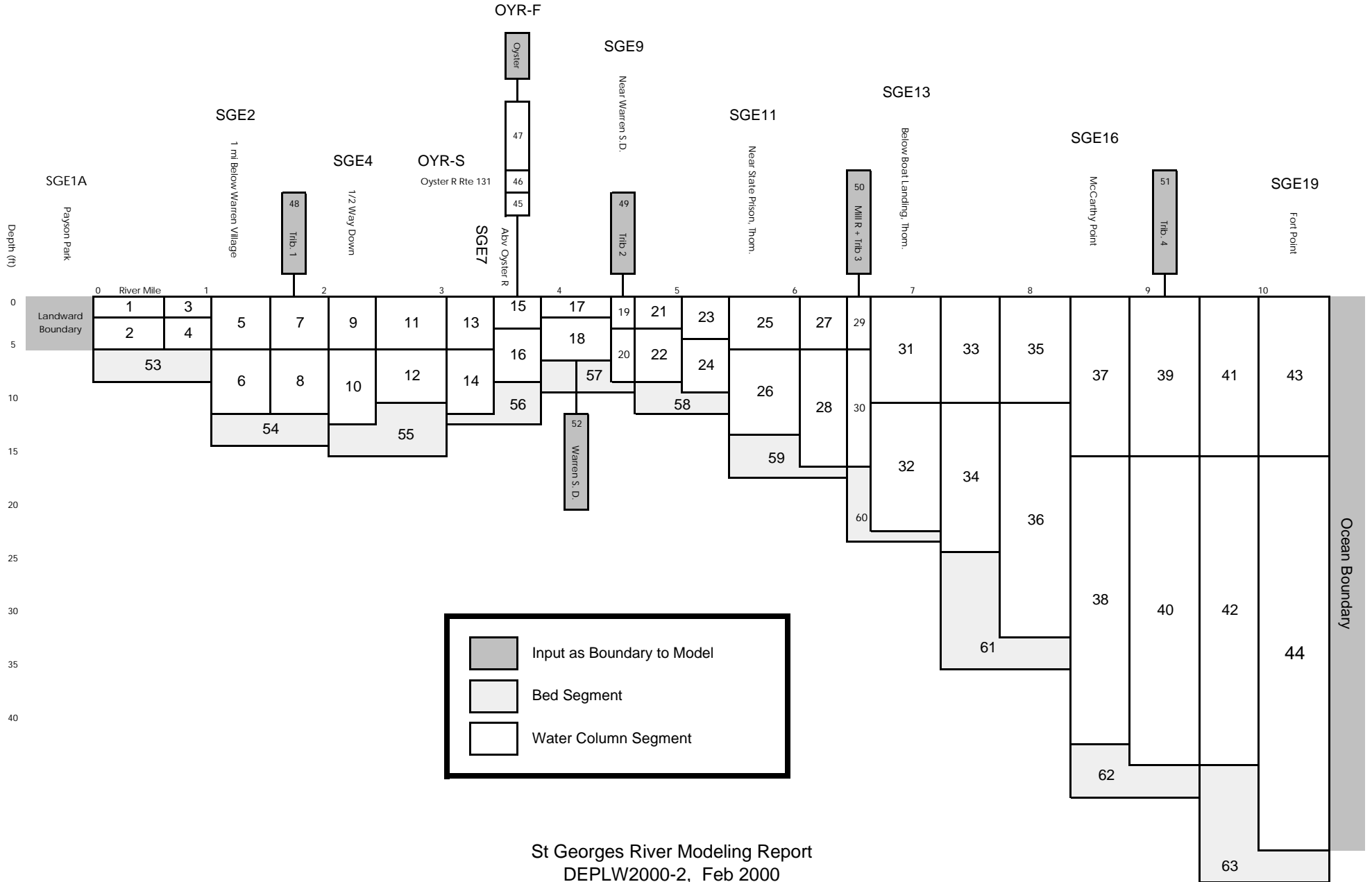


Figure 3
St George Estuary Travel Time
Modified Tidal Prism Method

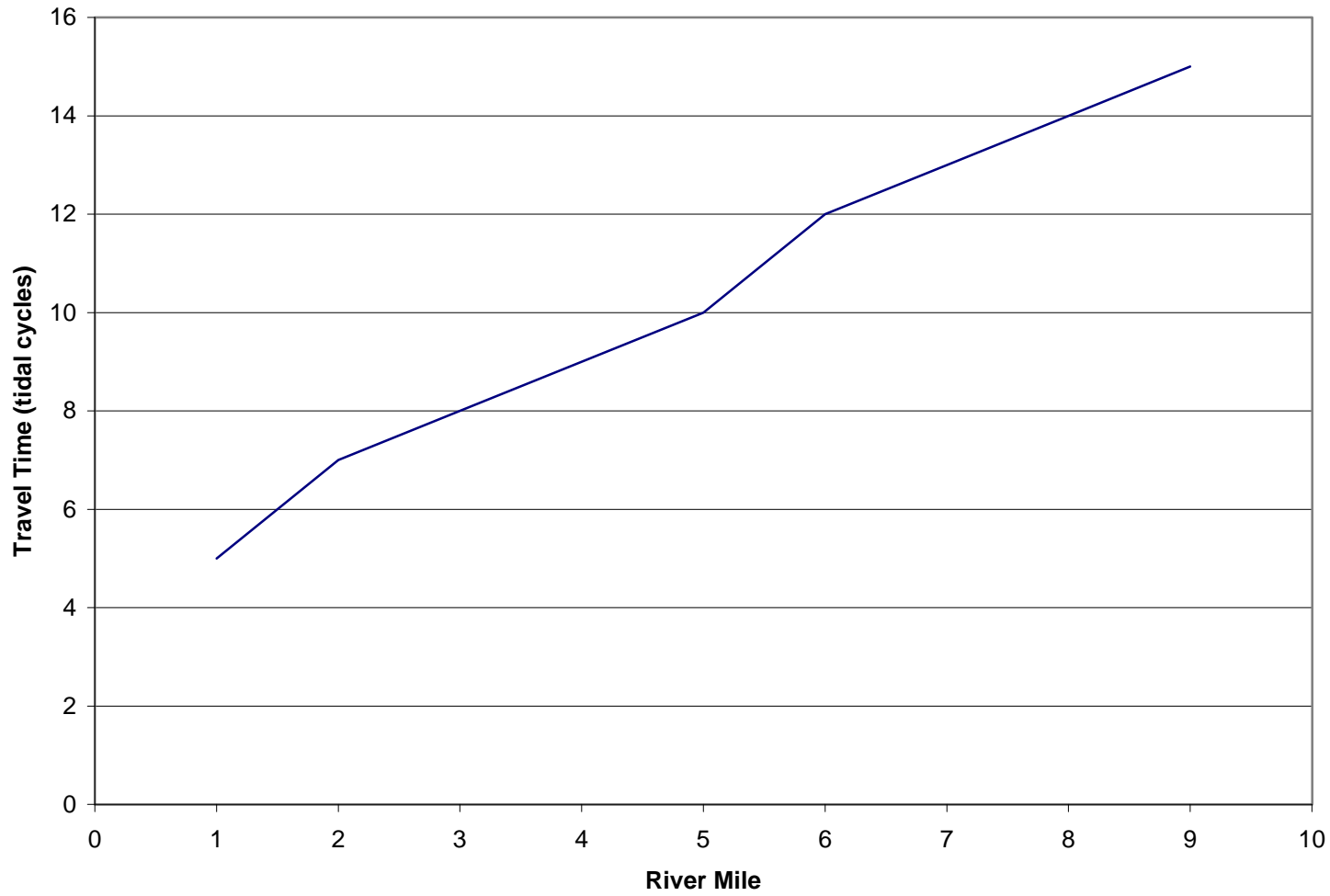


Figure 4
Model Prediction Runs
Warren S.D. Dilution at .151 mgd

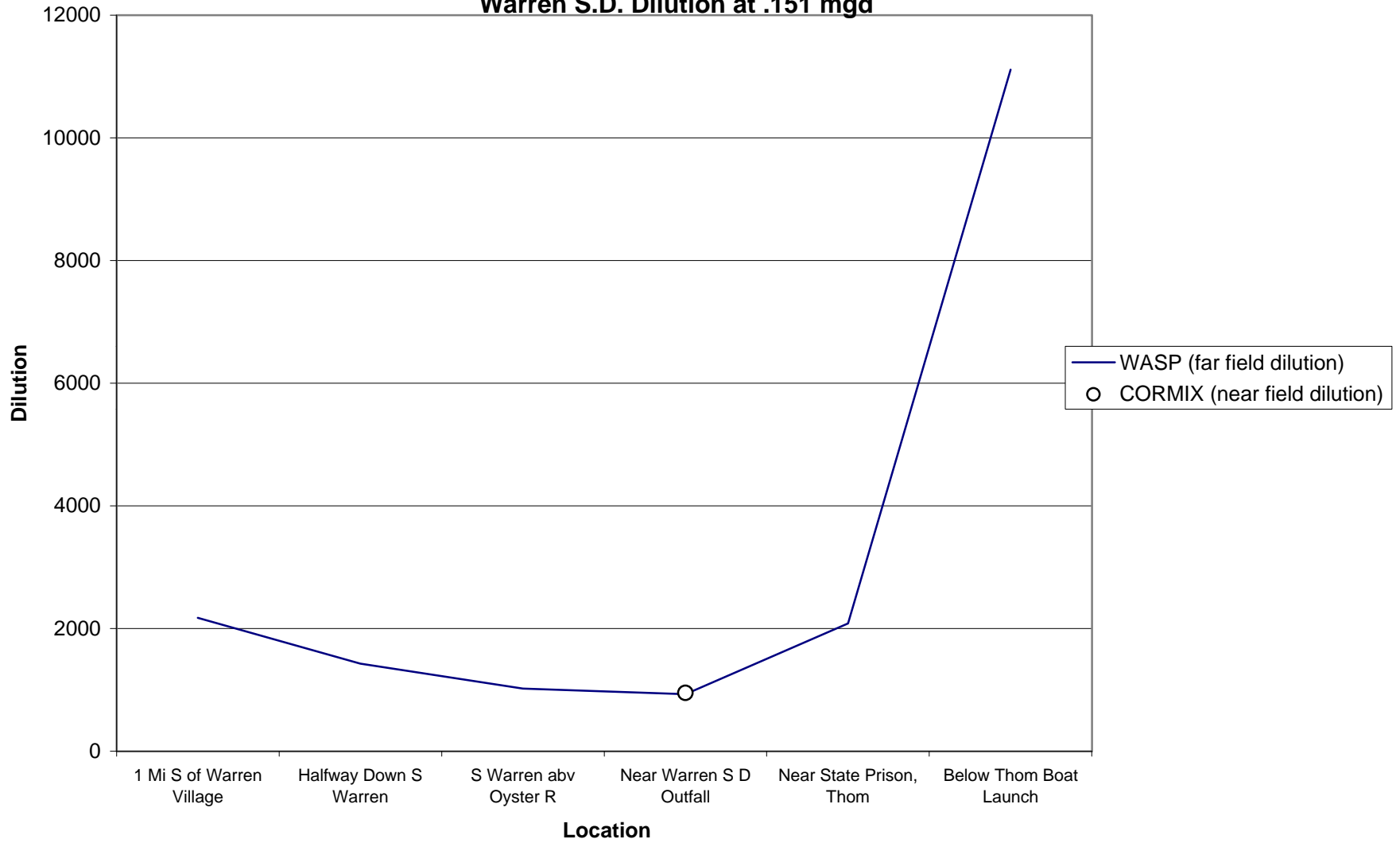


Figure 4a
Model Prediction Run
Warren S D Dilution at .100 mgd

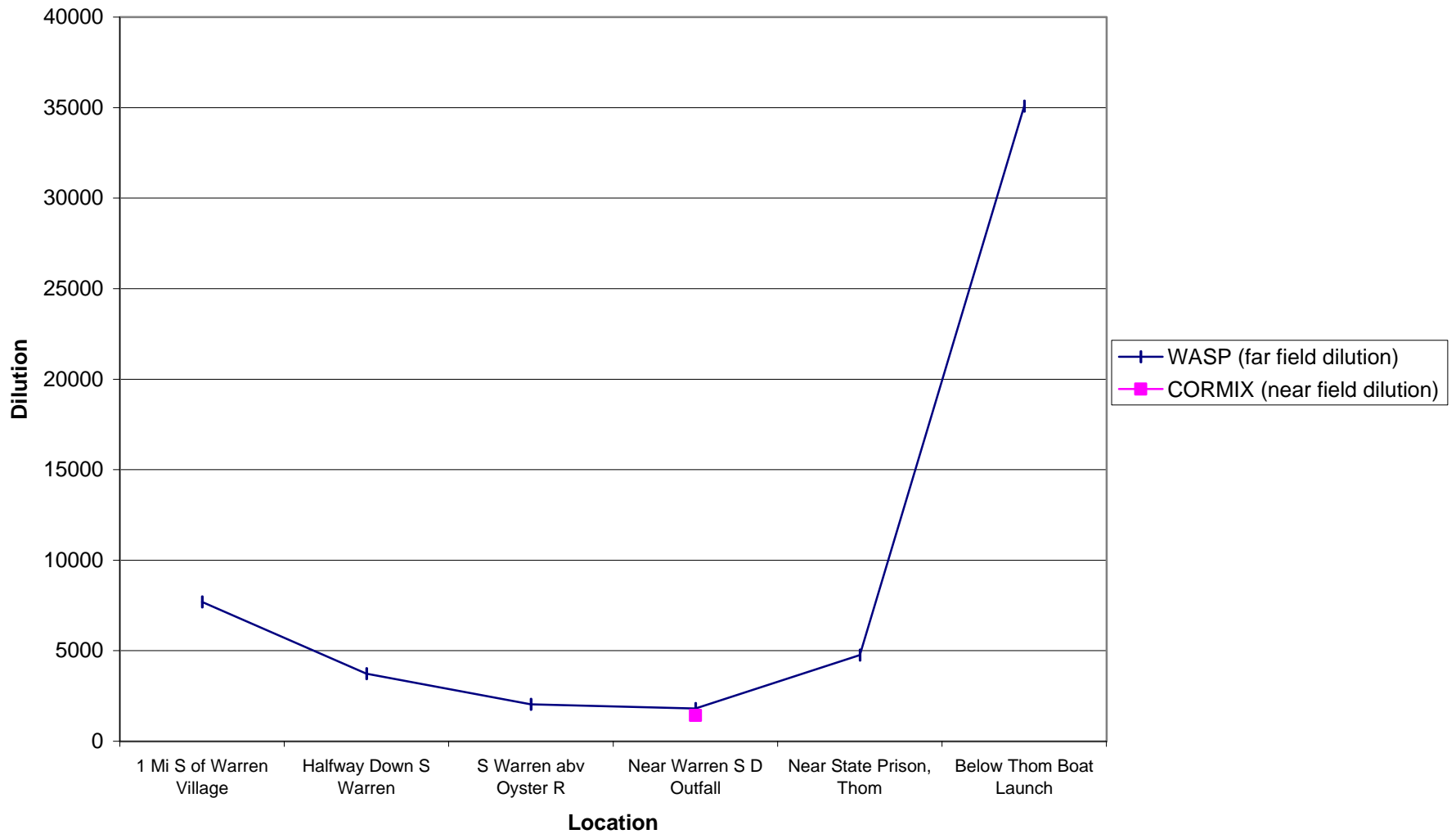


Figure 4b
Calibration of Dispersion
July 21-23 and August 17-20

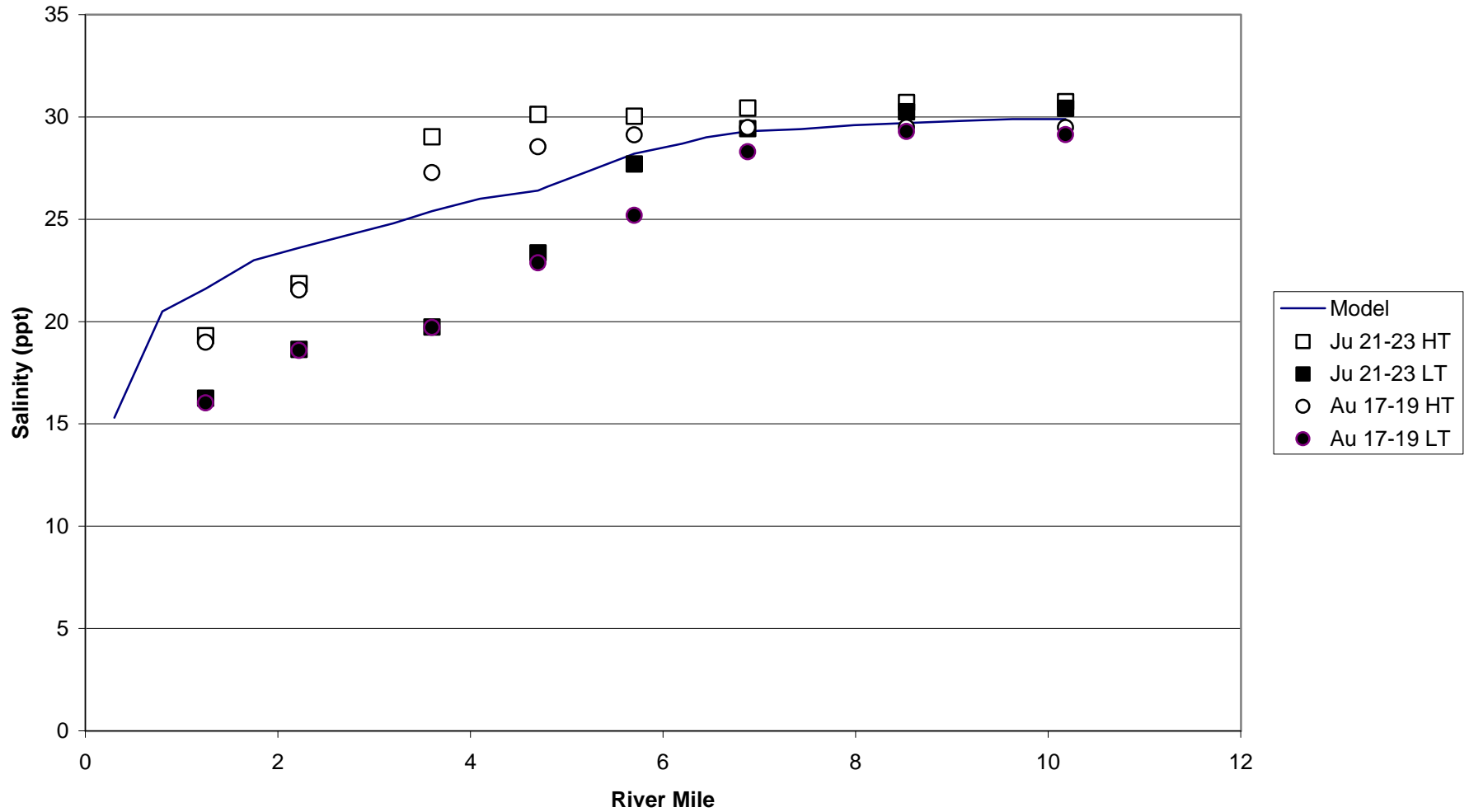


Figure 4c
Calibration of Dispersion
August 4-6

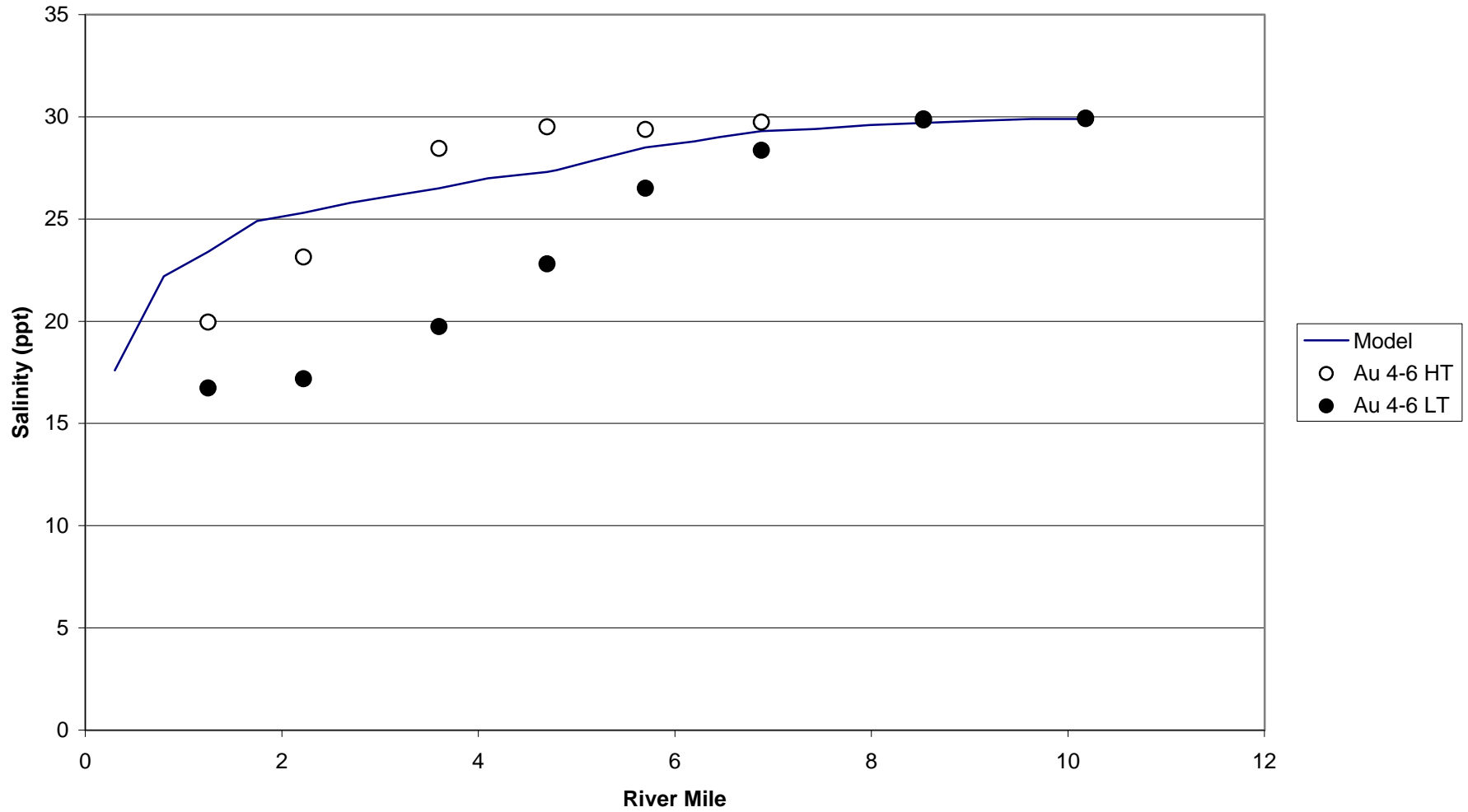


Figure 5
CBOD Calibration July 20-23
Model Output Phytoplankton Corrected

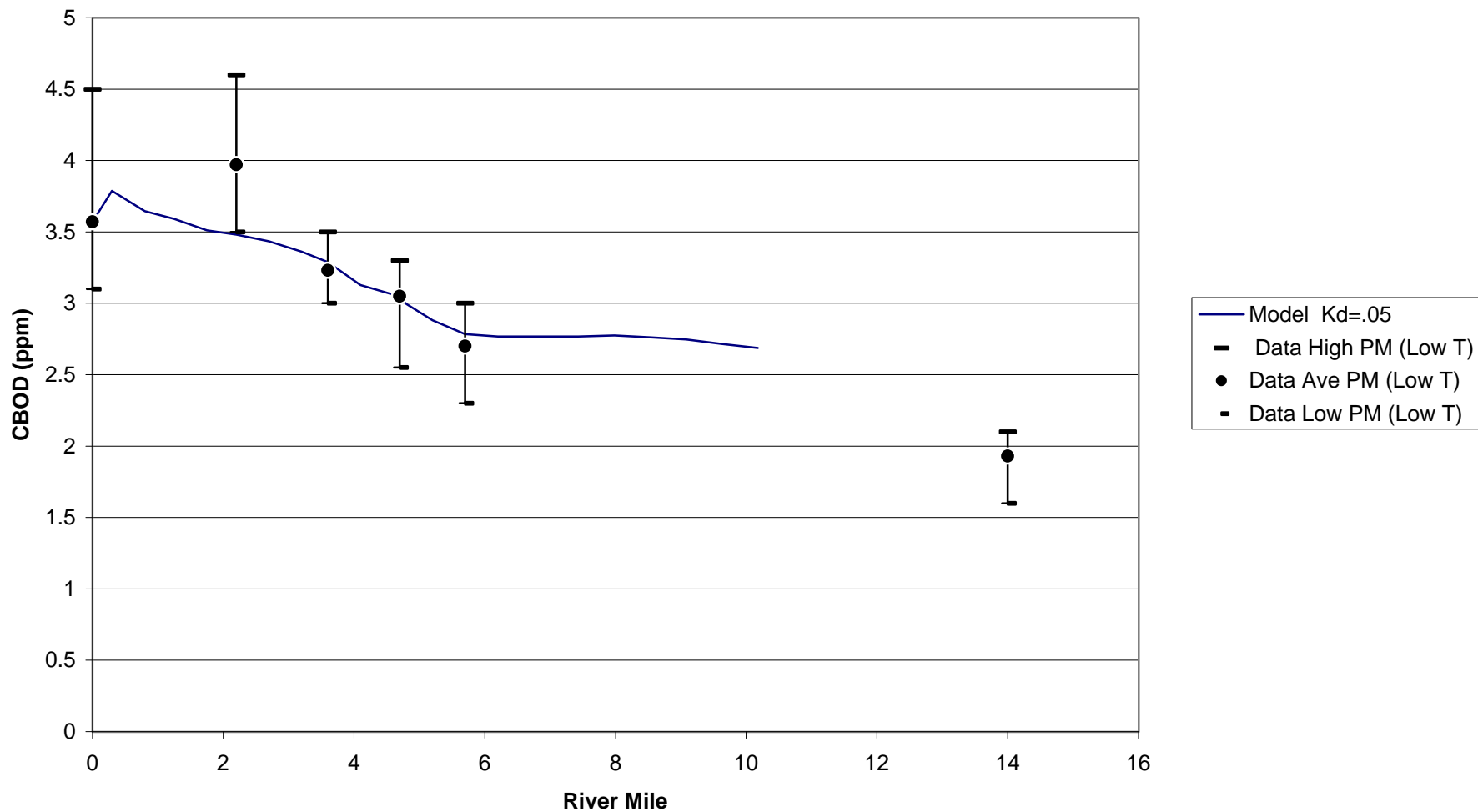


Figure 6
Chl a Calibration July 20-23

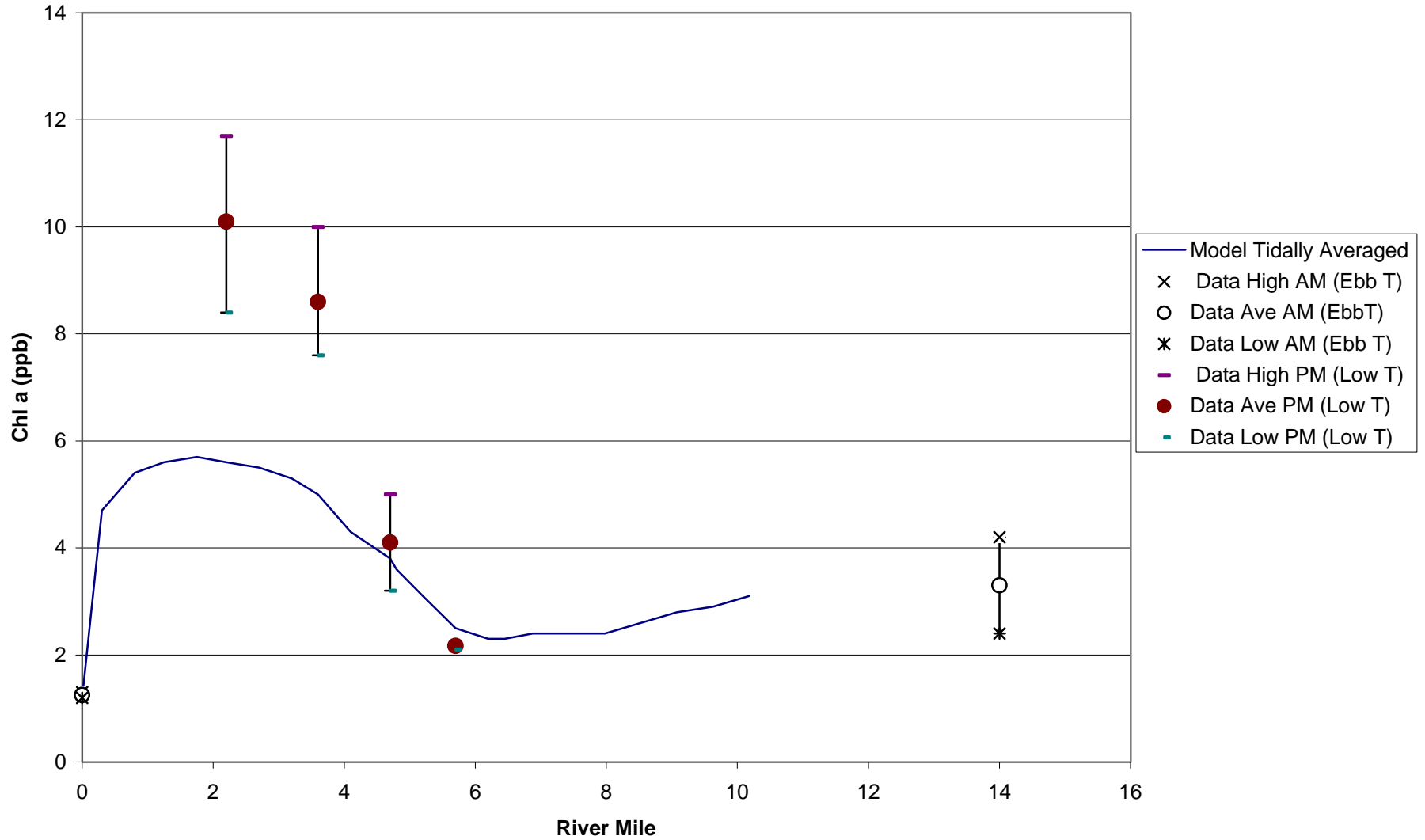


Figure 7
Total Dissolved Nitrogen Calibration
July 20-23

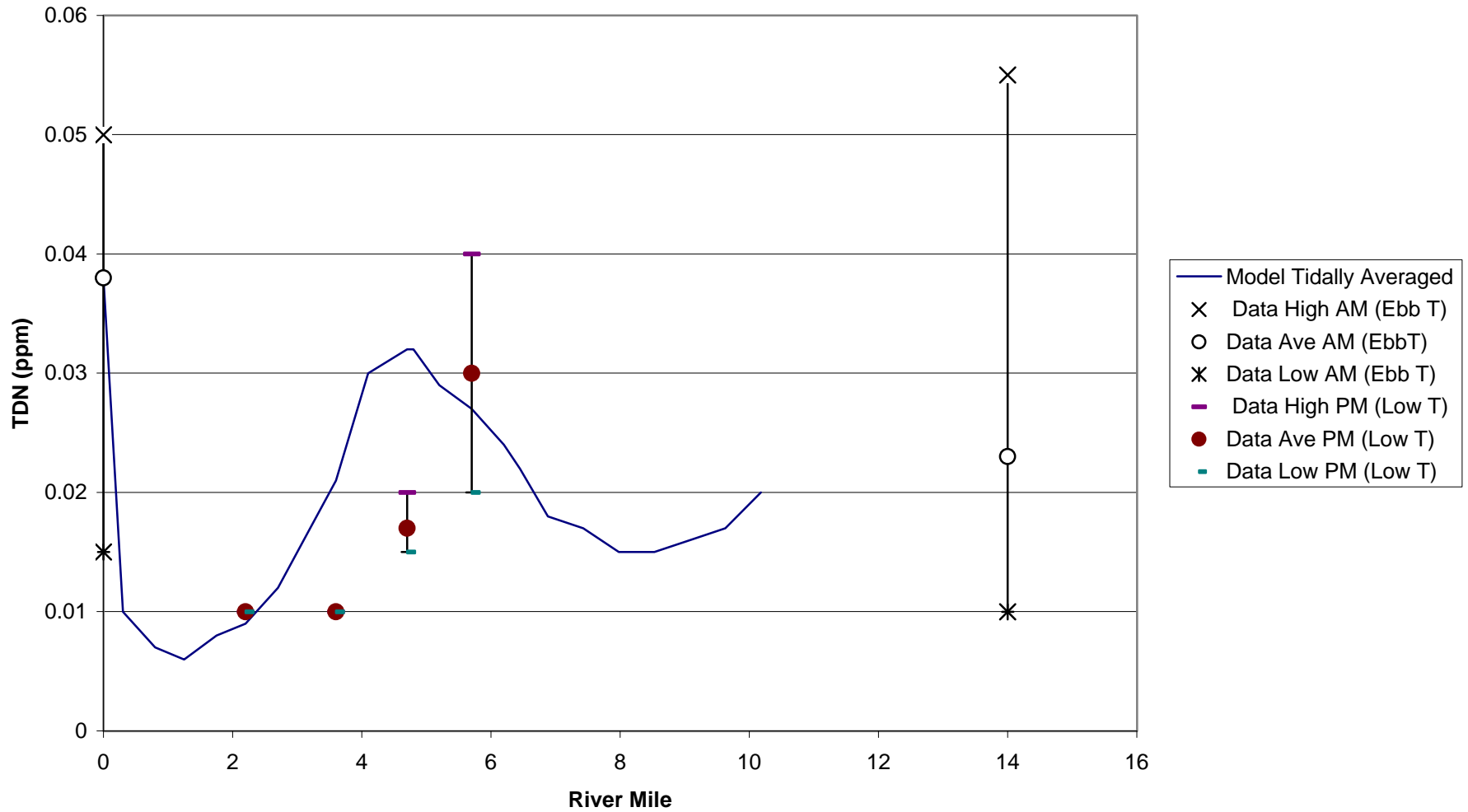


Figure 8
Total Phosphorus Calibration
July 20-23

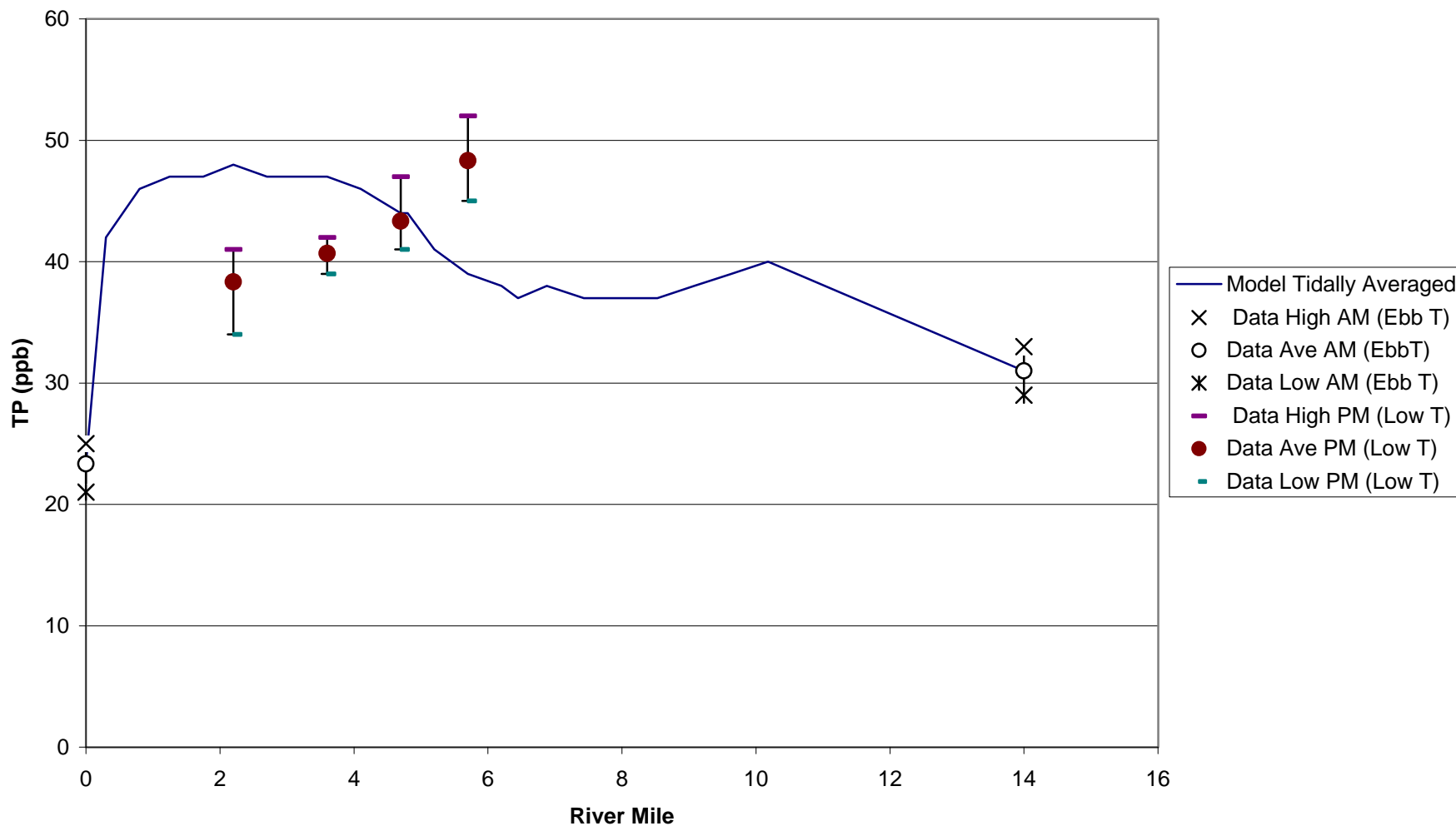


Figure9
Daily Average DO Calibration
July 20-23

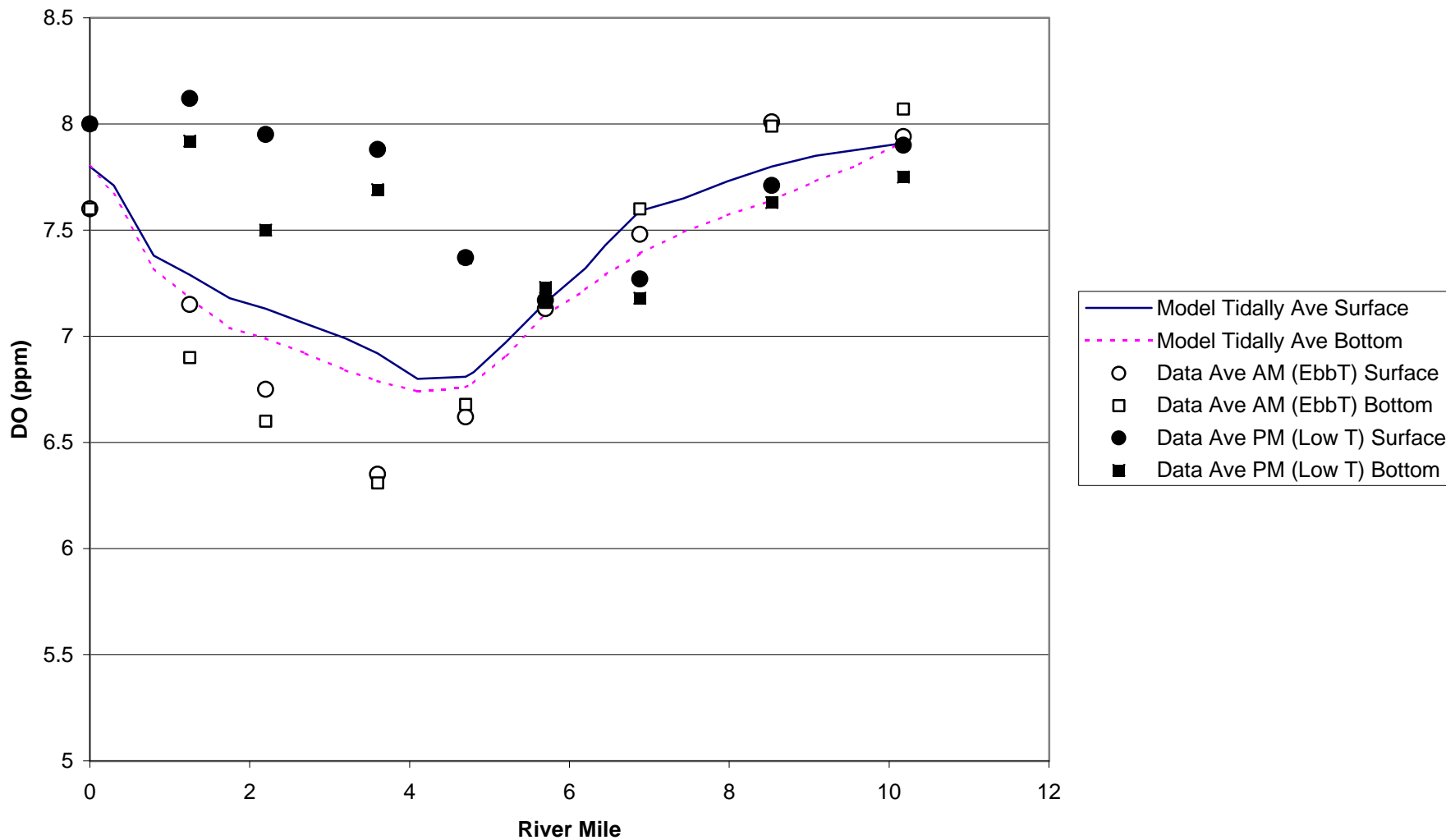


Figure 10
Daily Minimum DO Calibration
July 20-23

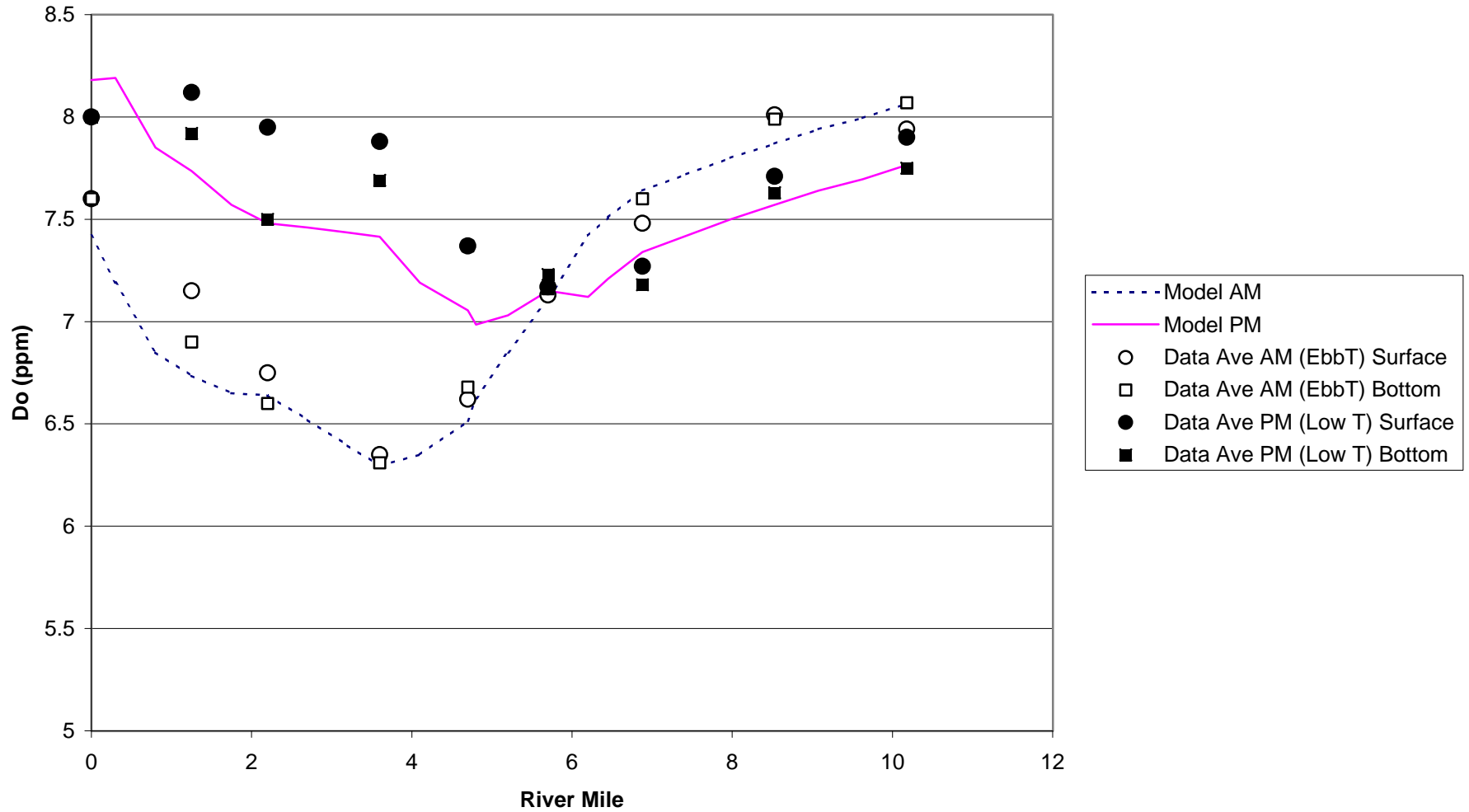


Figure 11
CBOD Calibration August 3-6
Model Output Phytoplankton Corrected

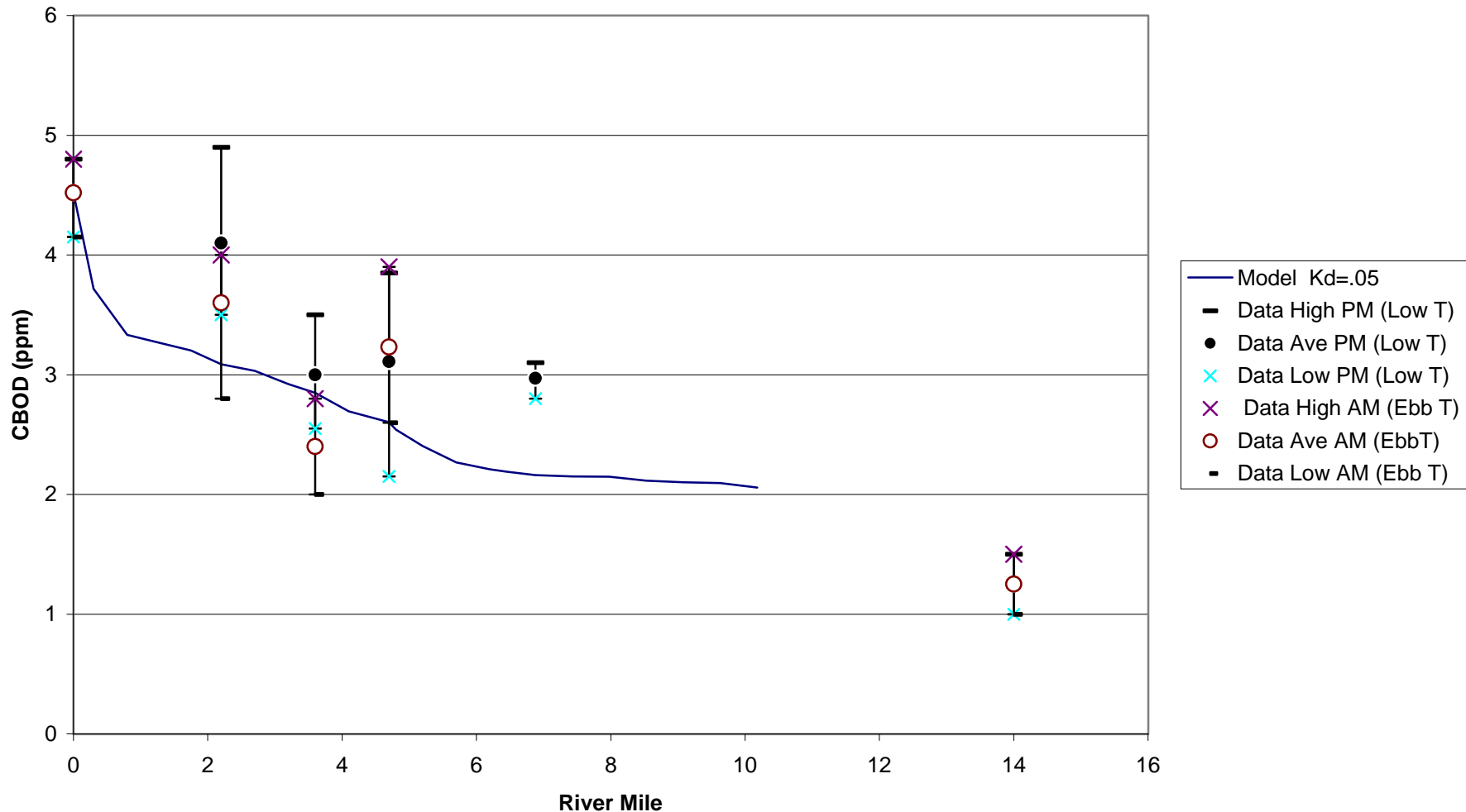


Figure 12
Chl a Calibration Aug 3-6

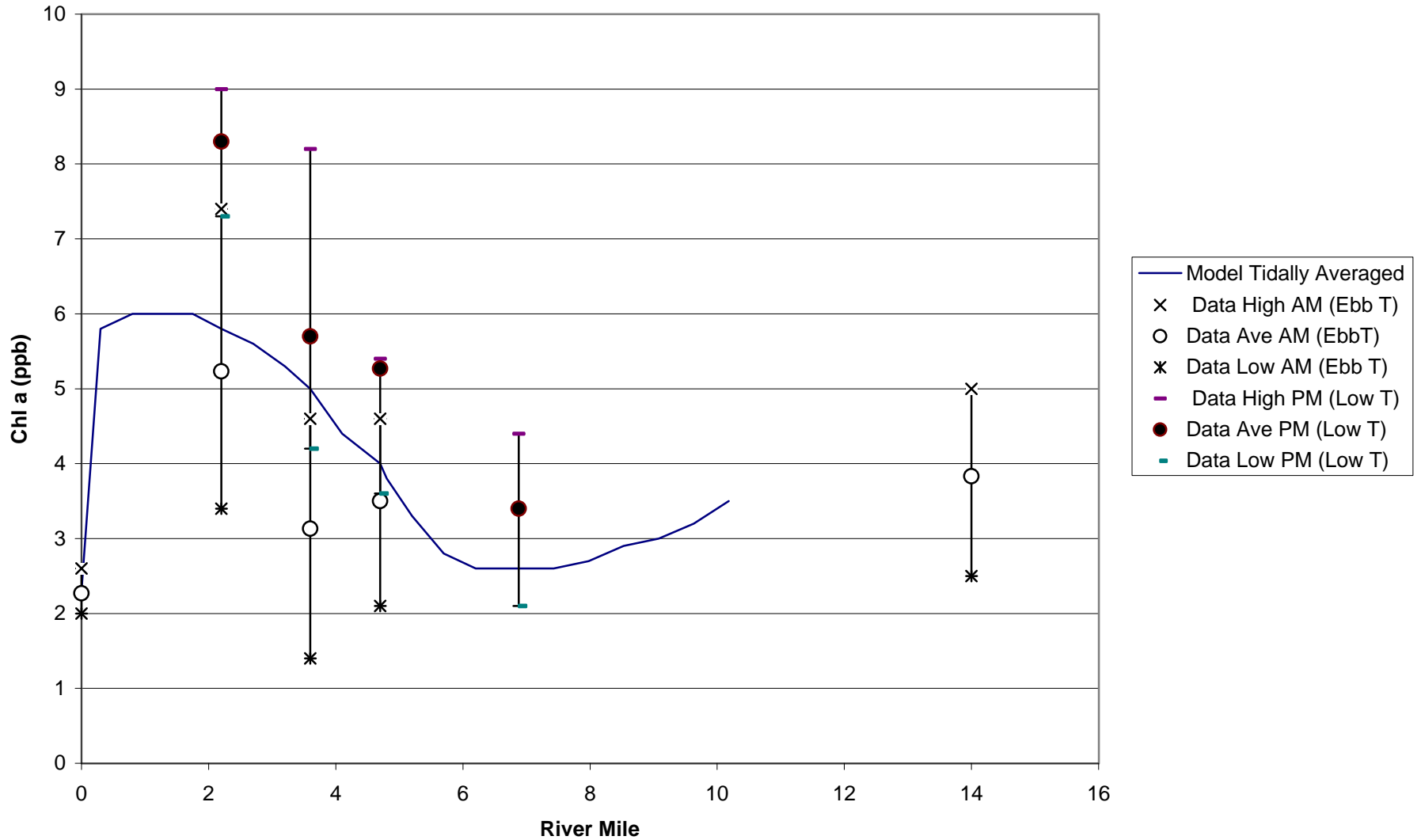


Figure 13
Total Dissolved Nitrogen Calibration
August 3-6

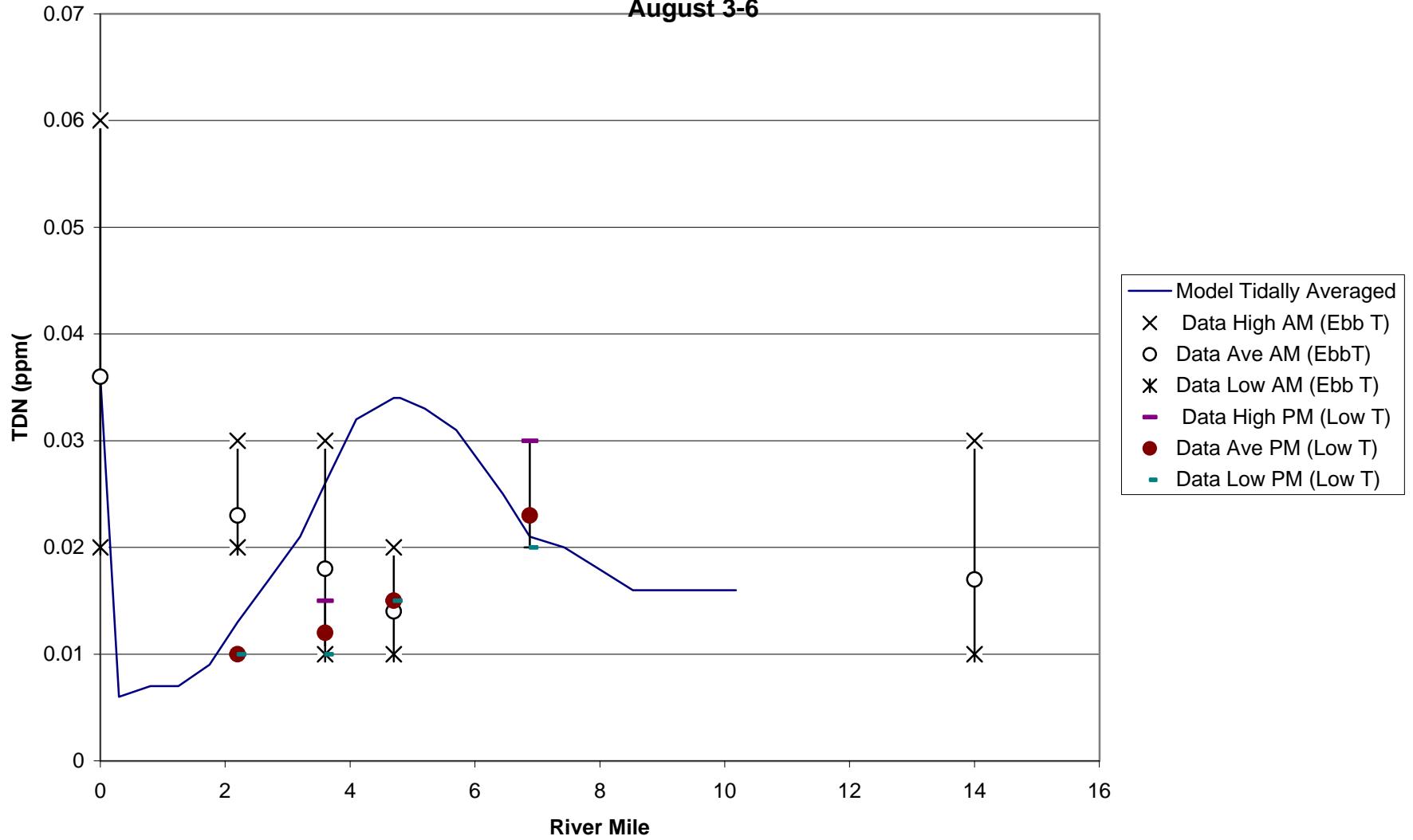


Figure 14
Total Phosphorus Calibration
August 3-6

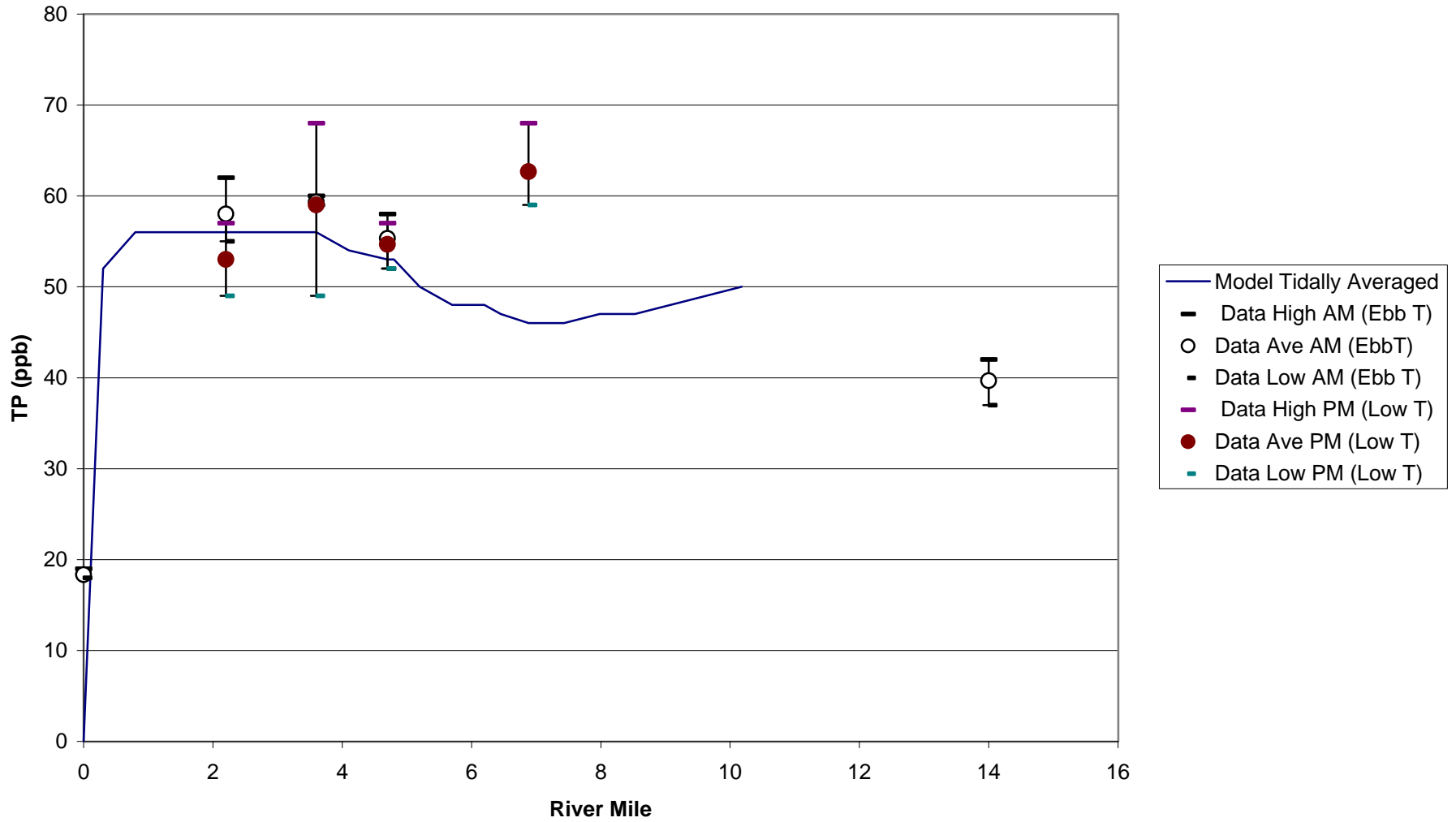


Figure 15
DO Calibration August 3-6

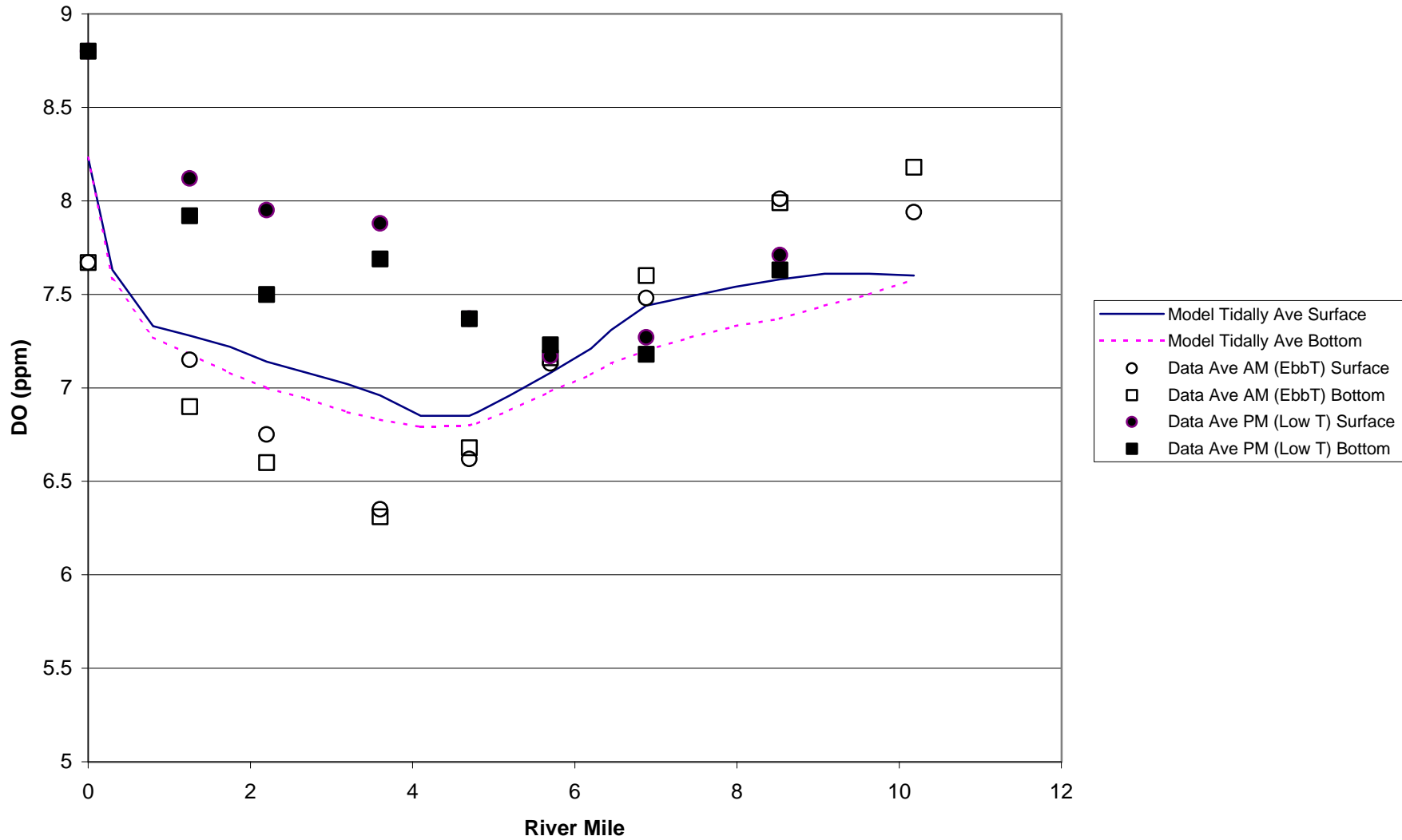


Figure 16
DO Calibration August 3-6

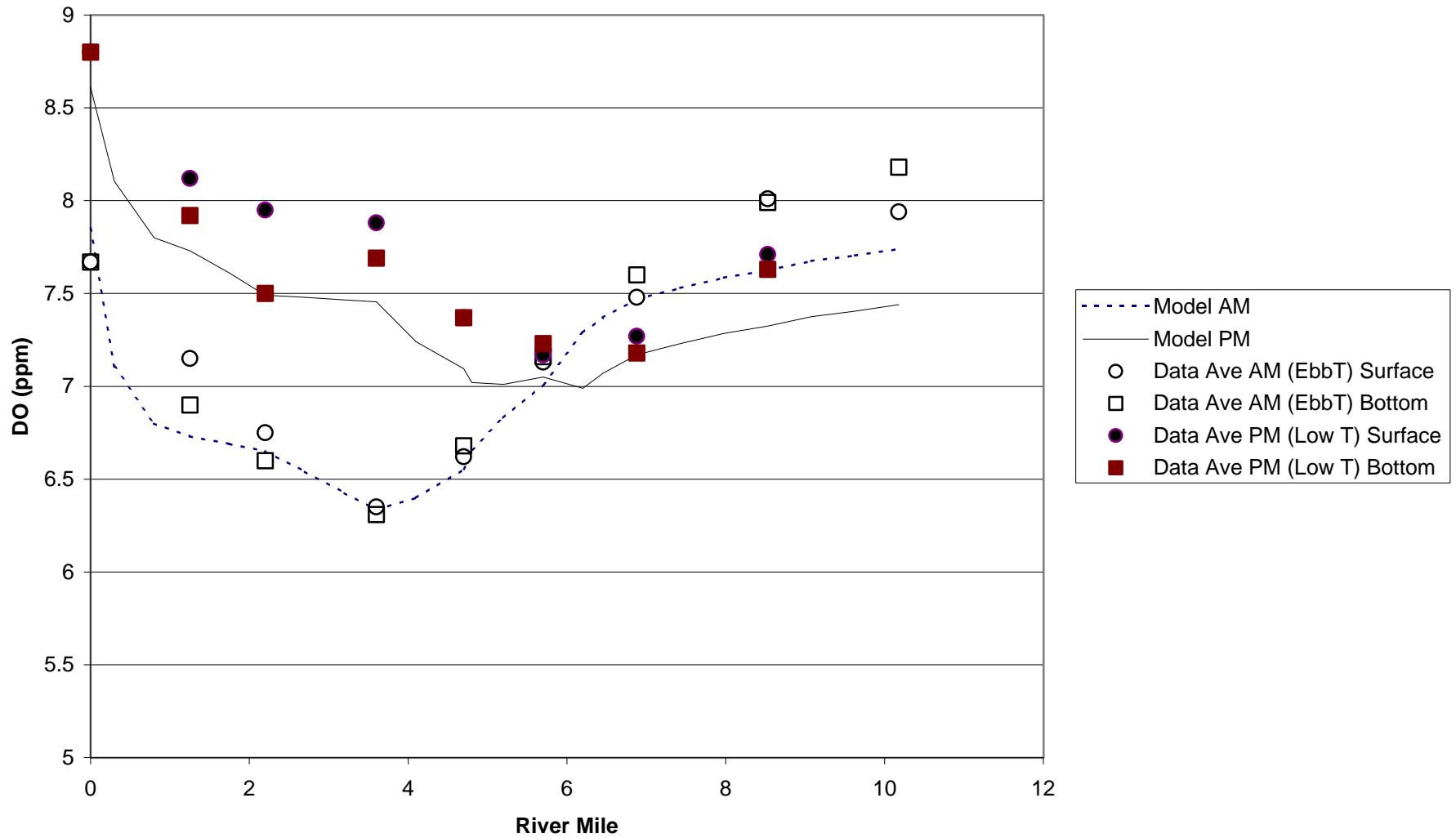


Figure 17
CBOD Calibration August 16-20
Model Output Phytoplankton Corrected

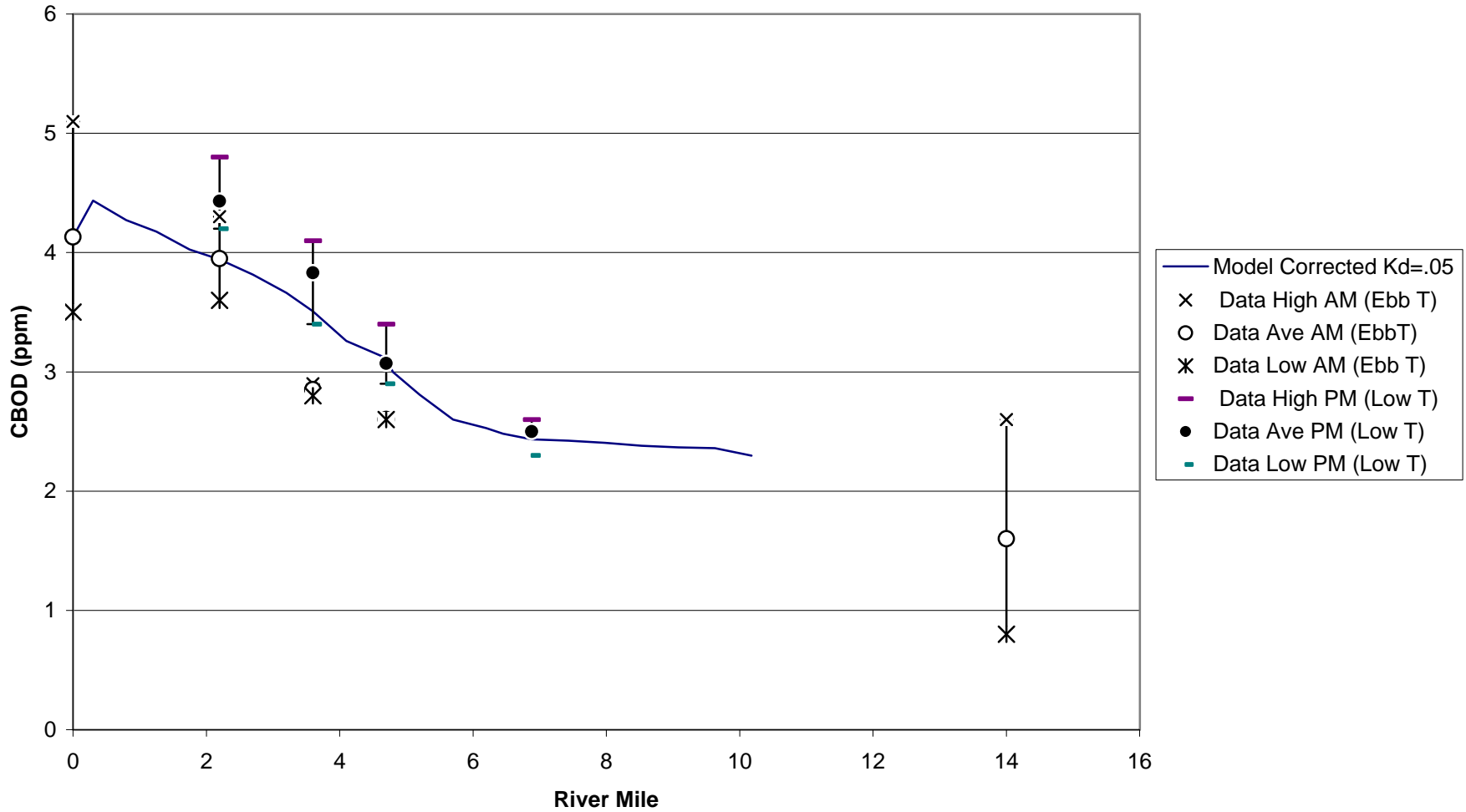


Figure 18
Chl a Calibration Aug 16-20

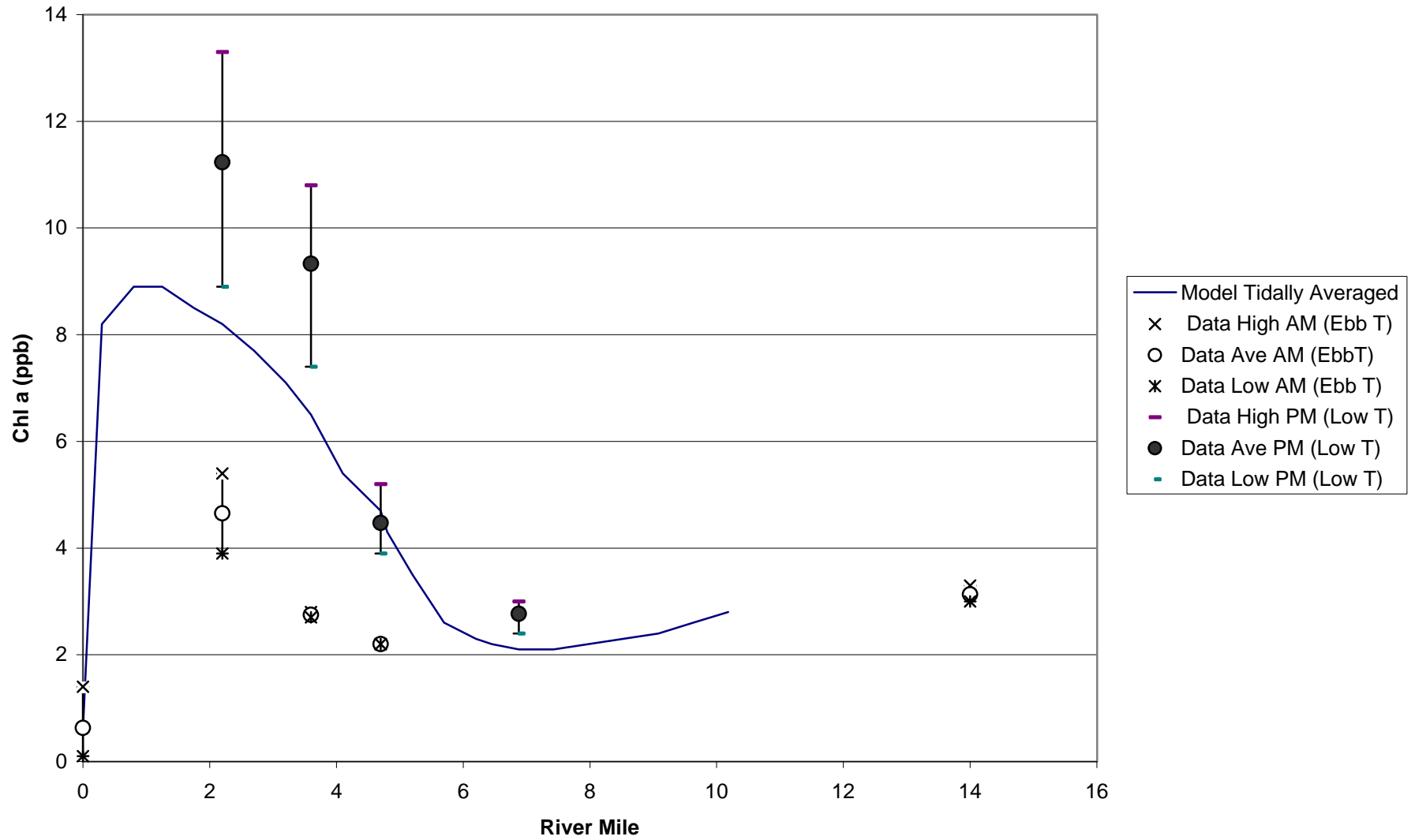


Figure 19
Total Dissolved Nitrogen Calibration
August 16-20

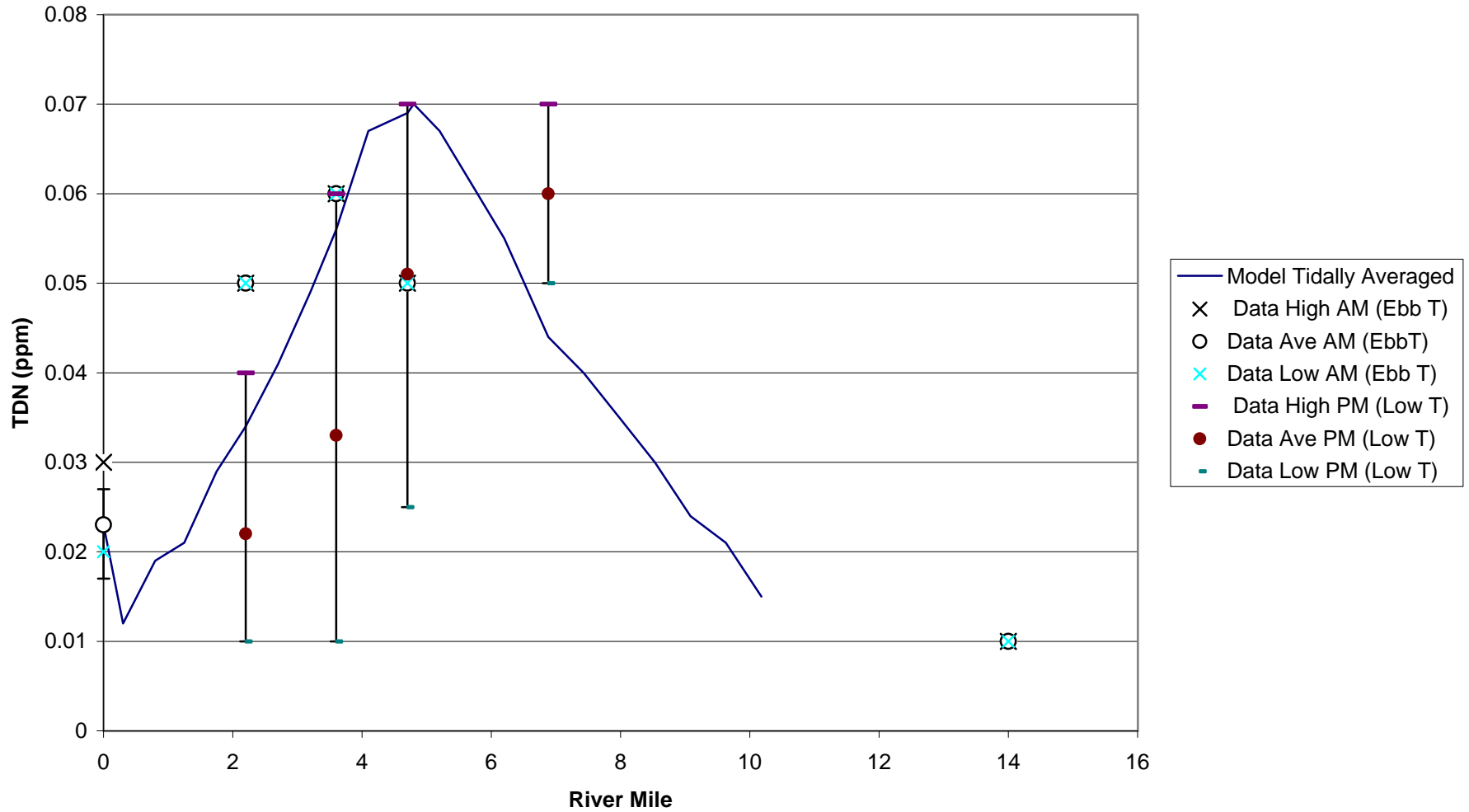


Figure 20
Total Phosphorus Calibration
August 16-20

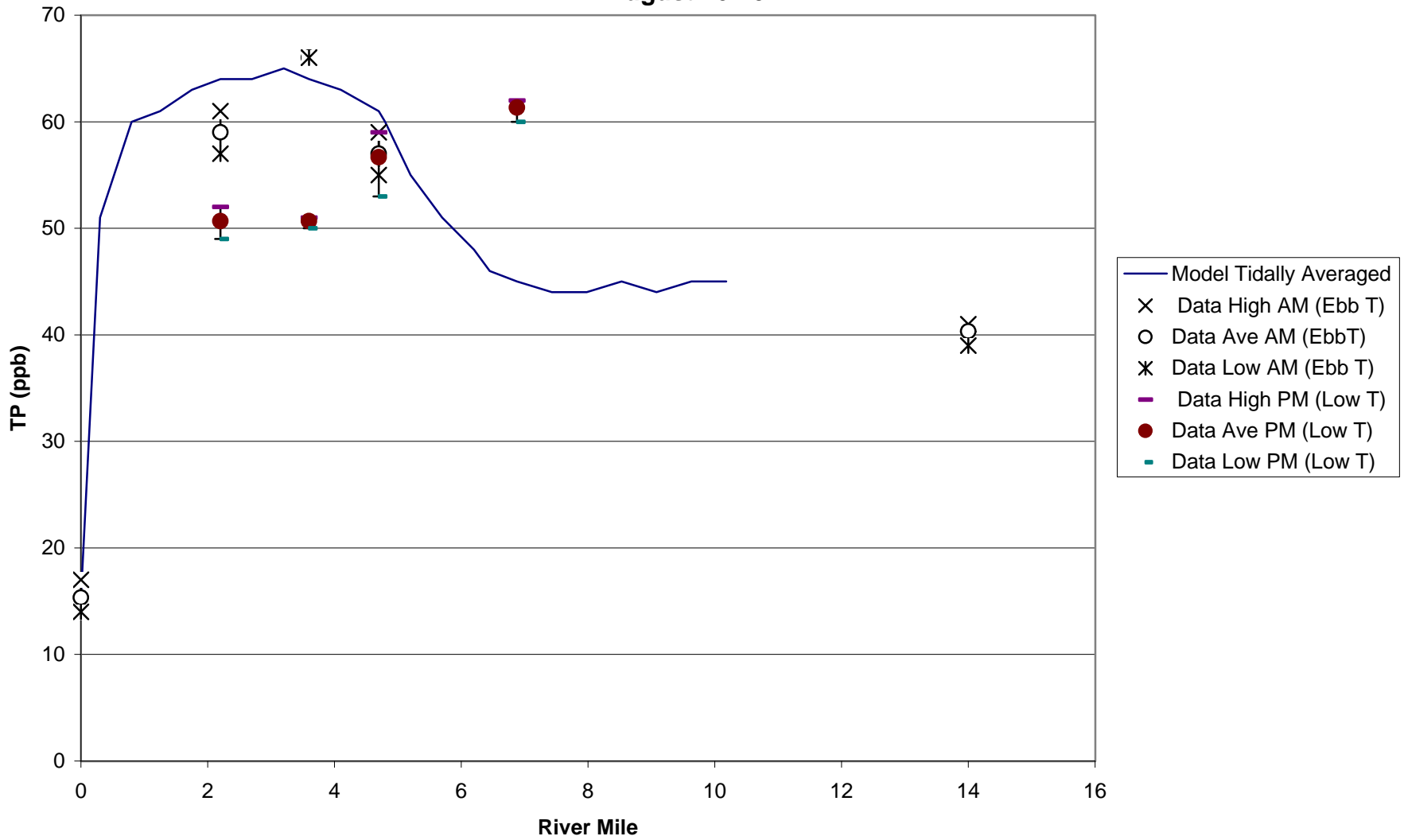


Figure 21
DO Calibration August 16-20

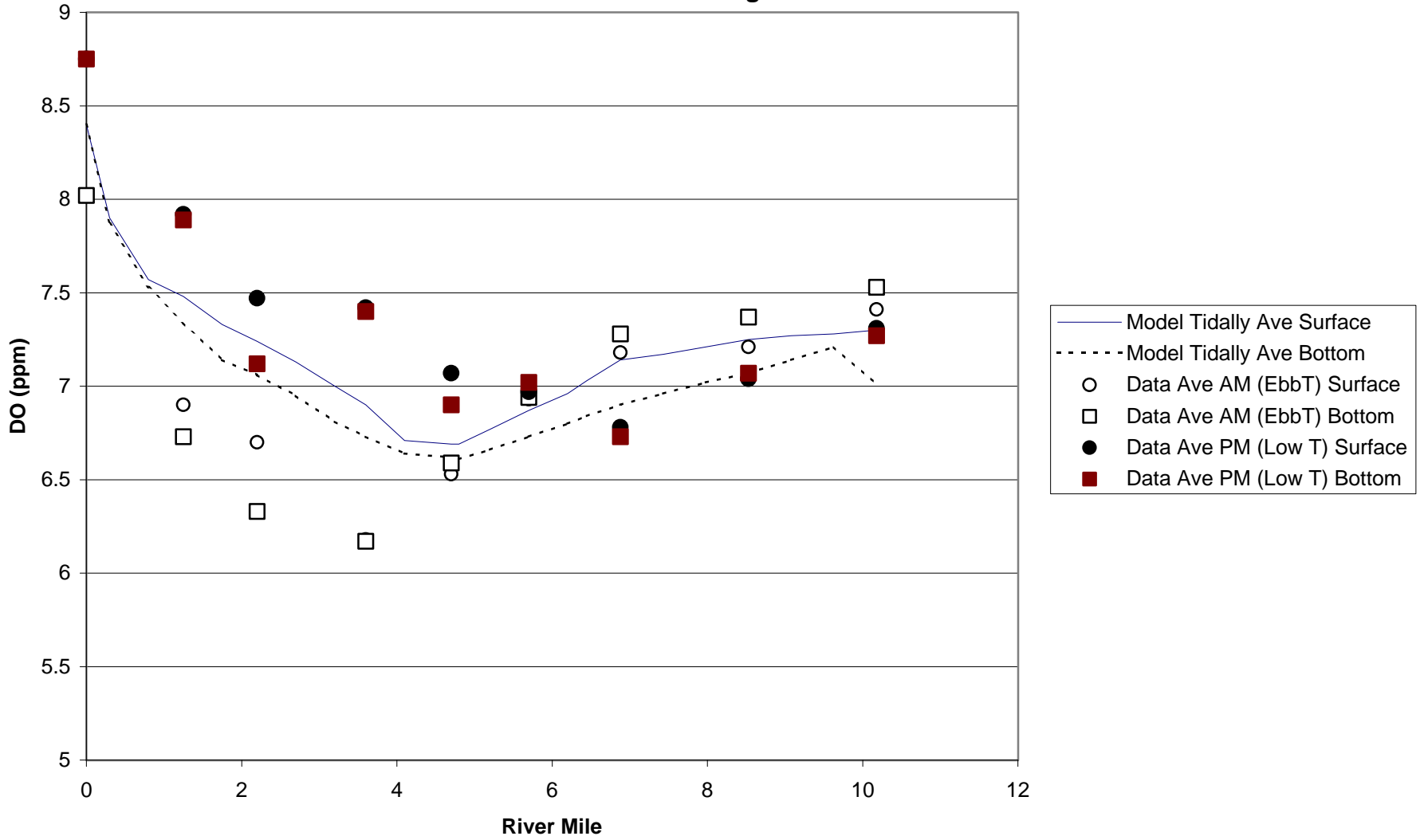


Figure 22
Daily Minimum DO Calibration August 16-20

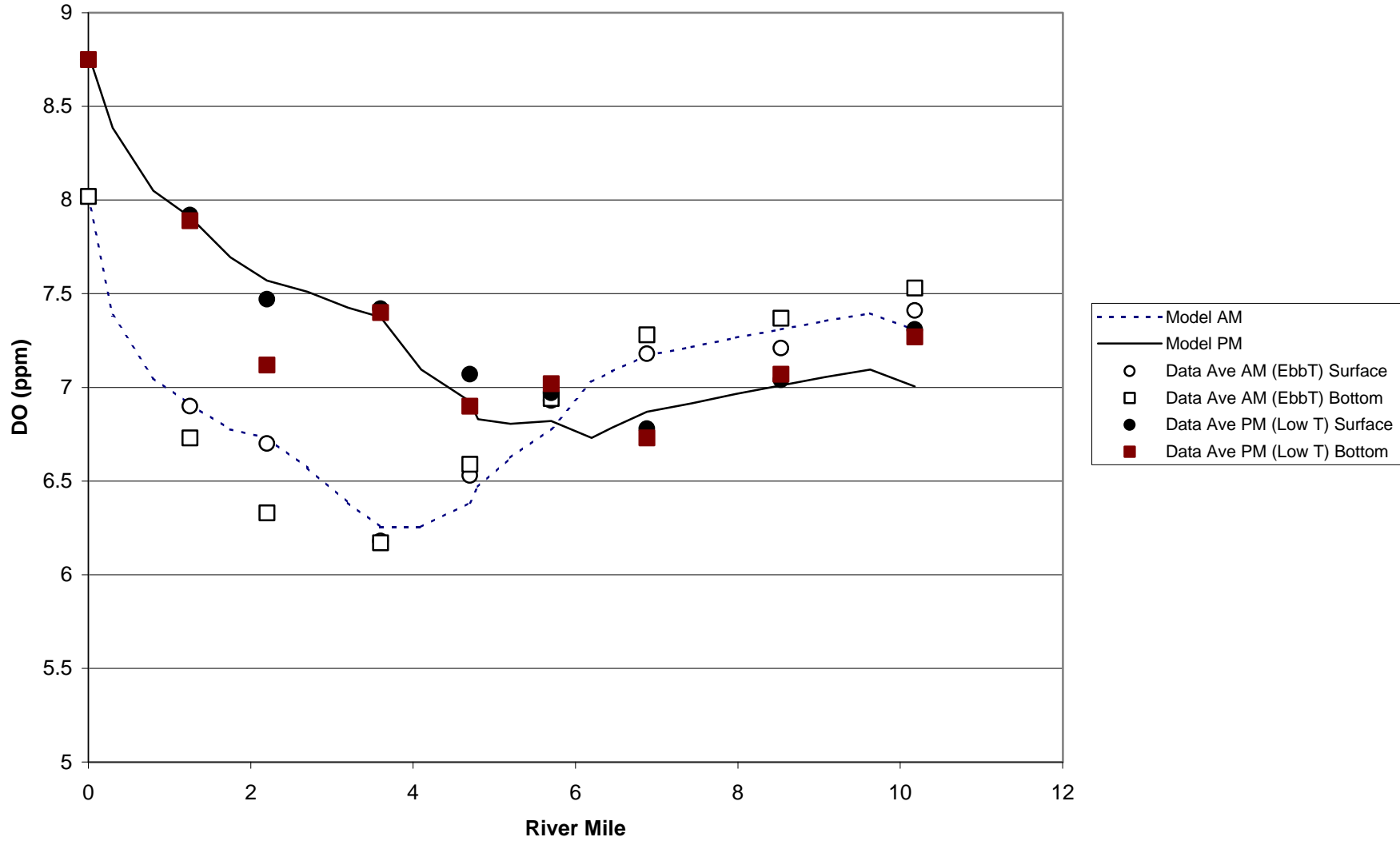


Figure 23
Diurnal DO Adjustment To Model
Calibration Data Sets

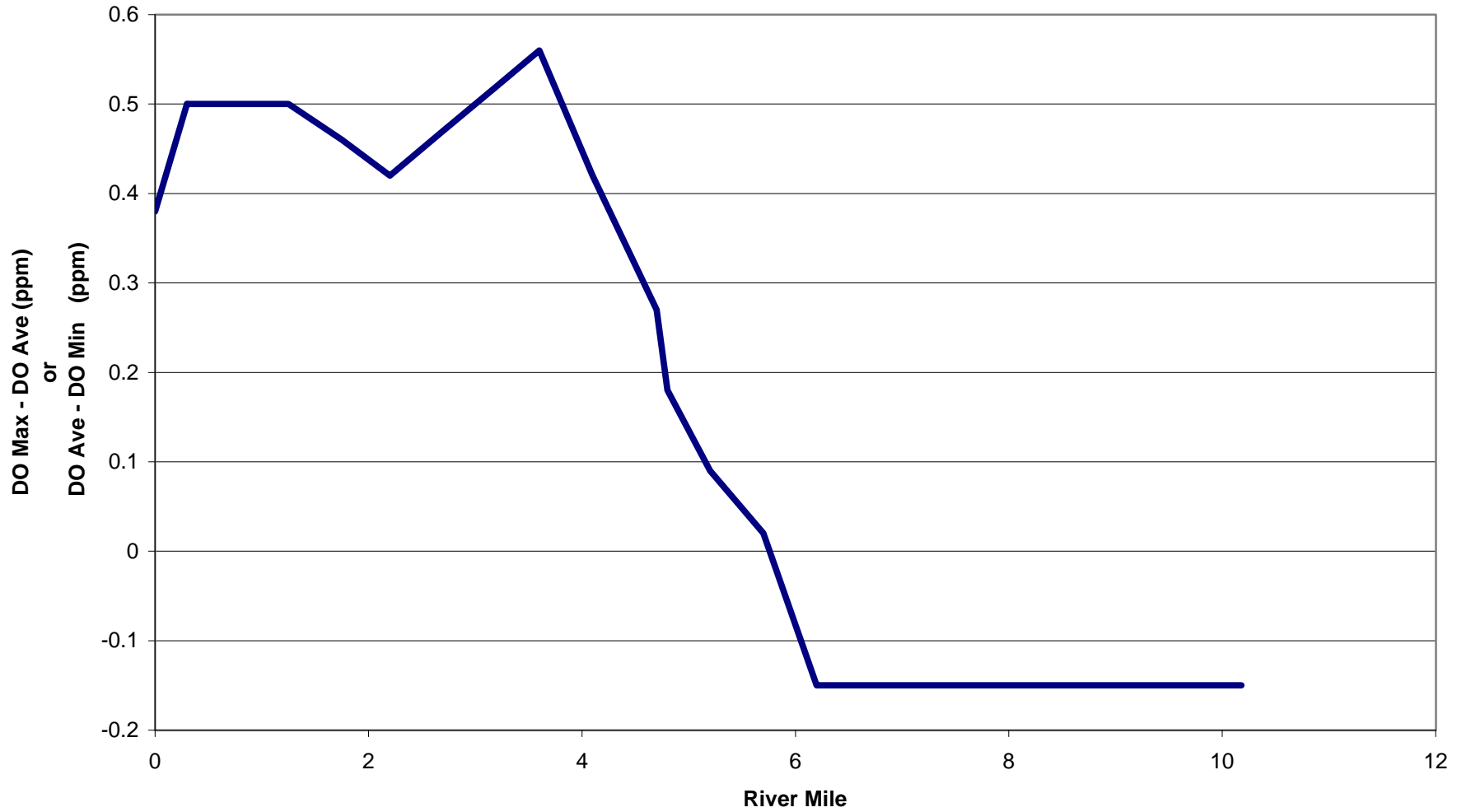


Table 23a
Summary of Sensitivity Analysis
Dissolved Oxygen

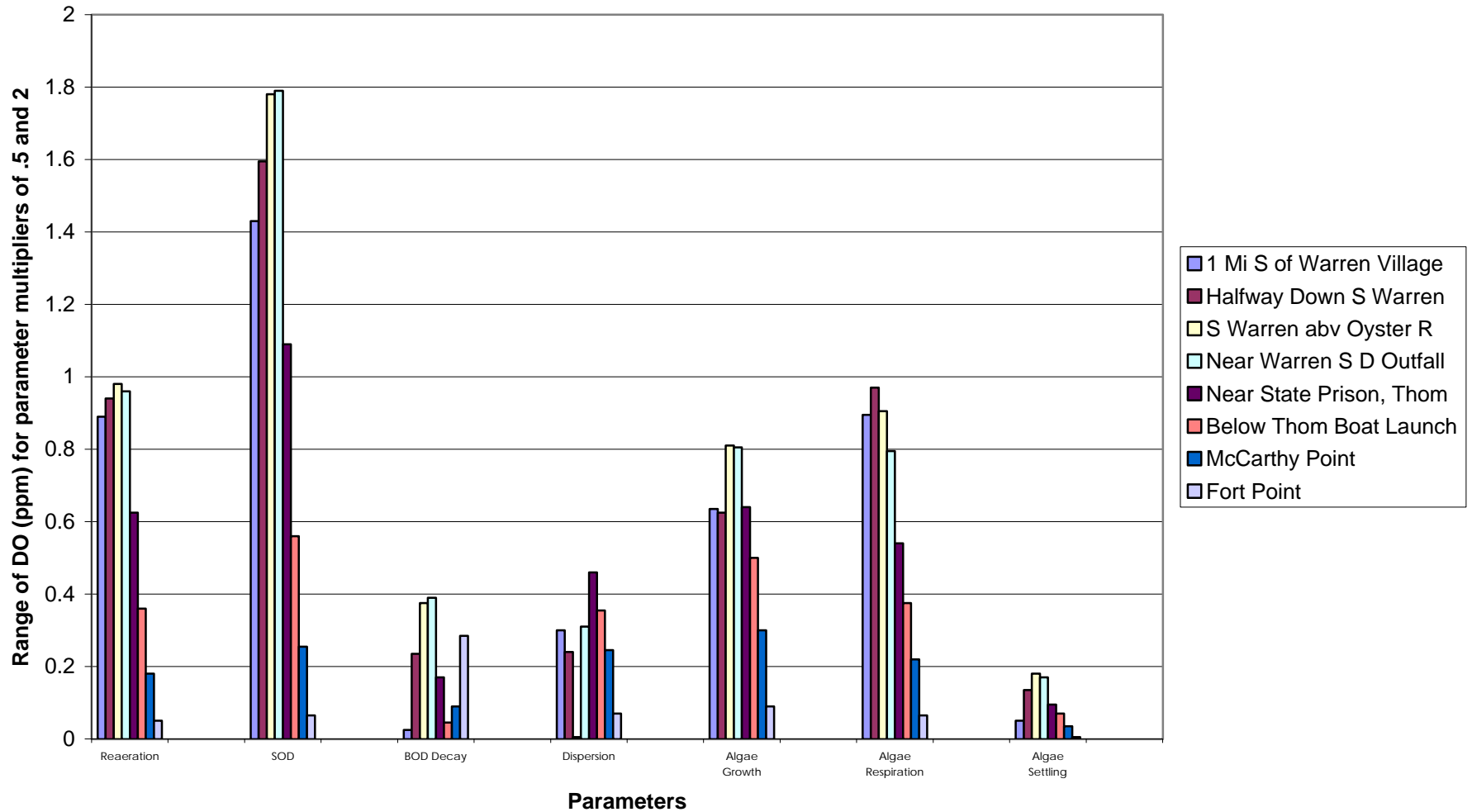


Figure 23b
Summary of Sensitivity Analysis
Chlorophyll A

