Figure 1
Sampling Days of Intensive Survey Compared to
River Flow at USGS West Enfield Gage

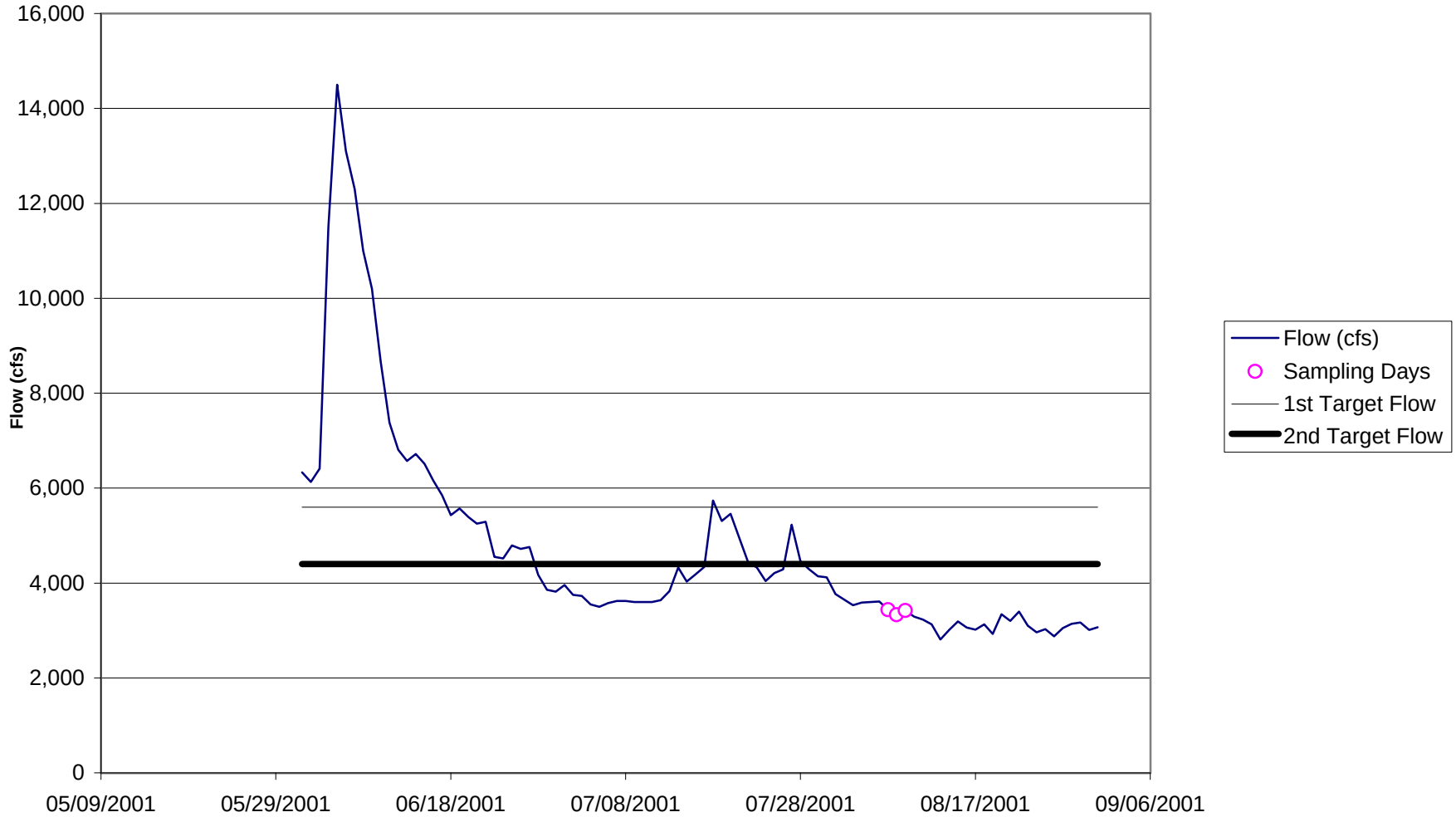


Figure 2
Penobscot River
Dissolved Oxygen Data Compared to Minimum Criteria
Aug 7 to 9, 2001

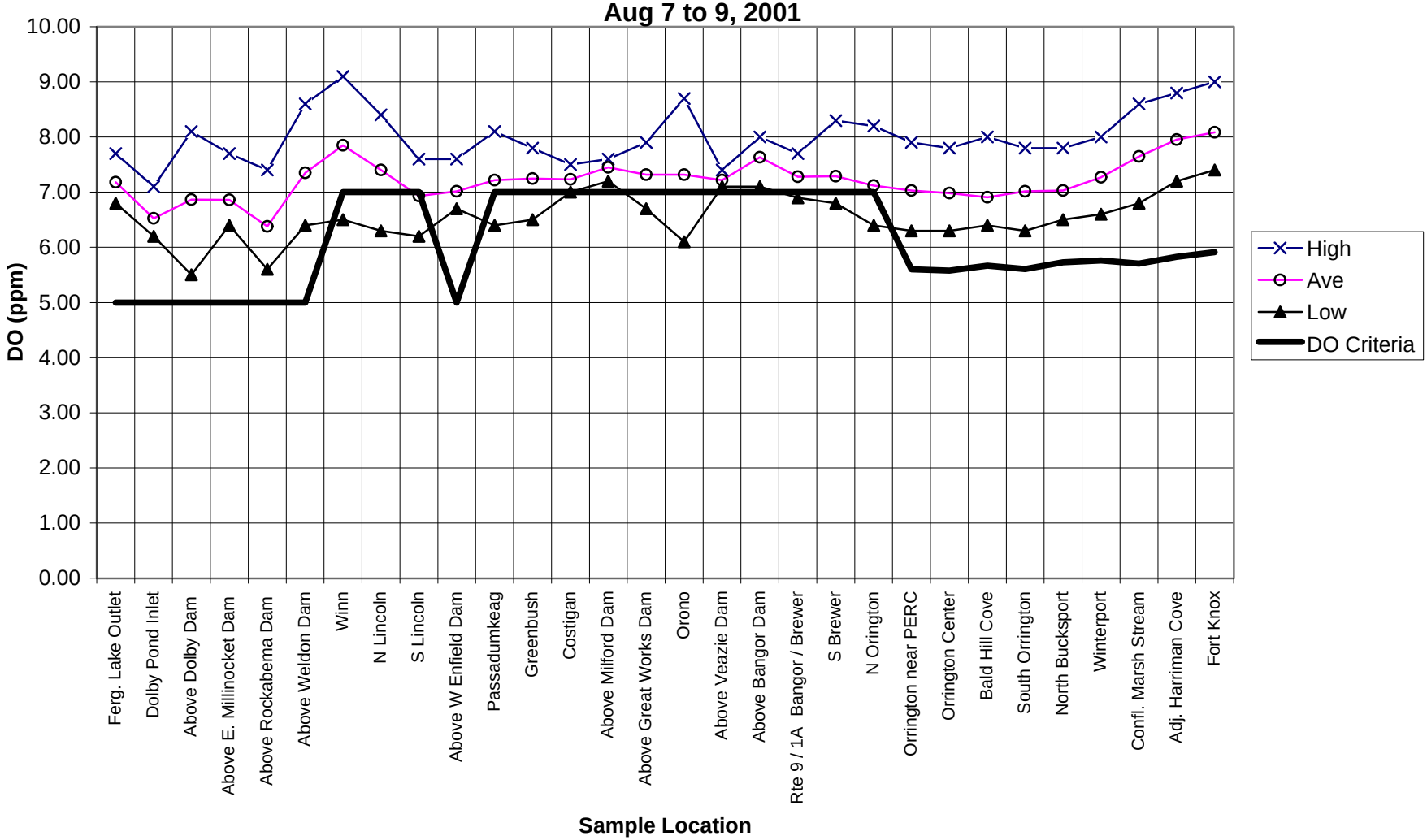


Figure 3
Penobscot River Diurnal Dissolved Oxygen
Aug 7 to 9, 2001

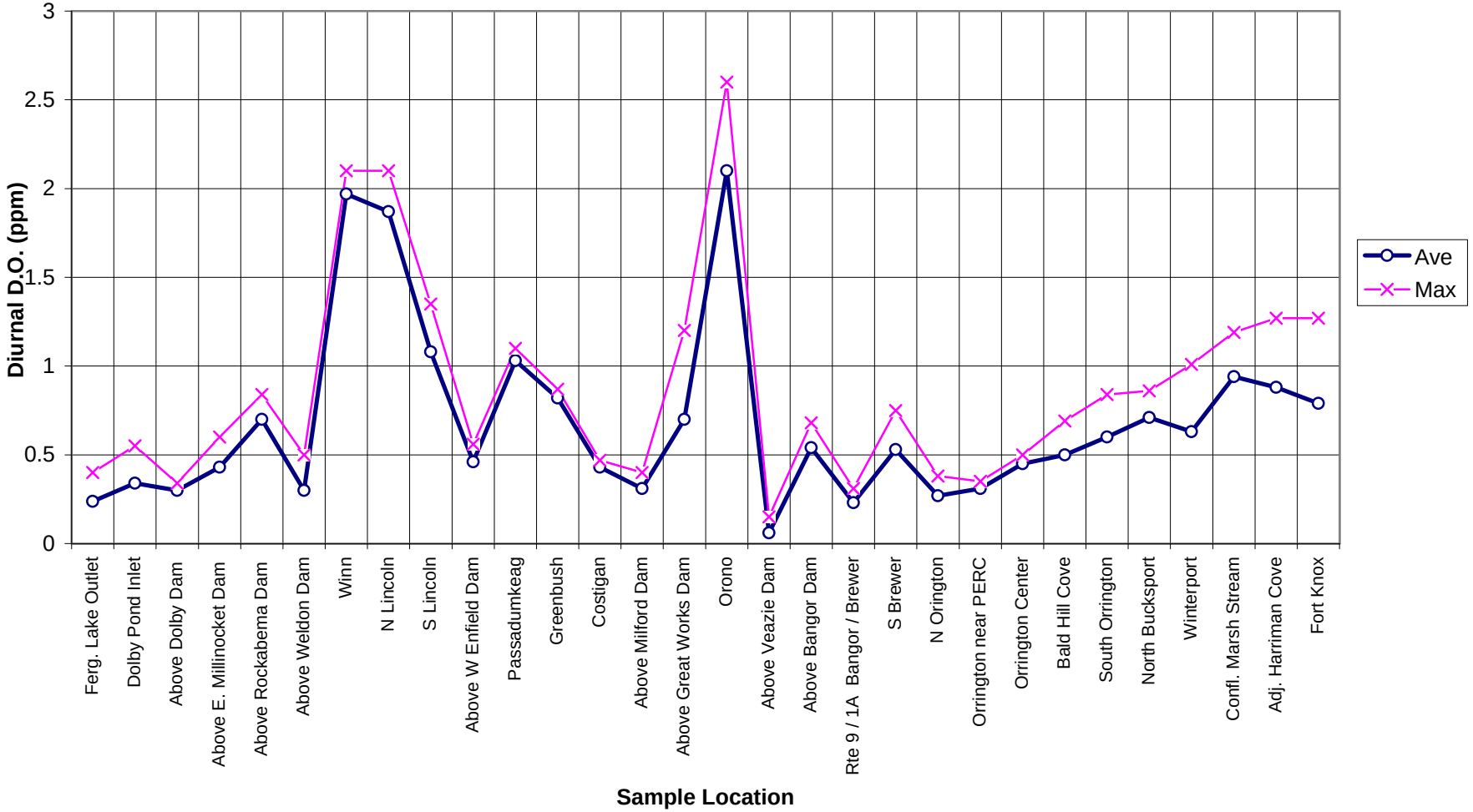
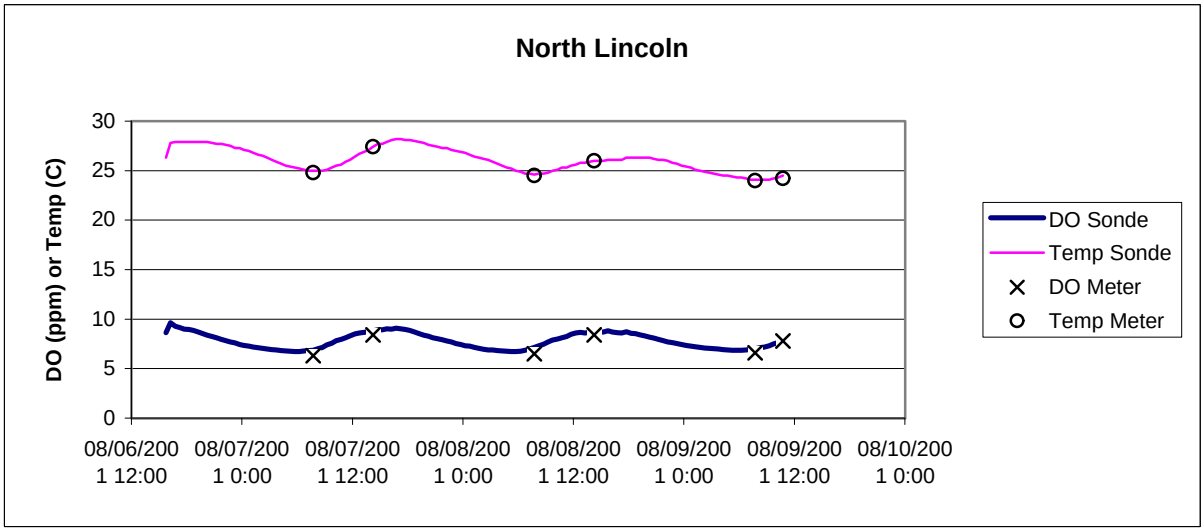
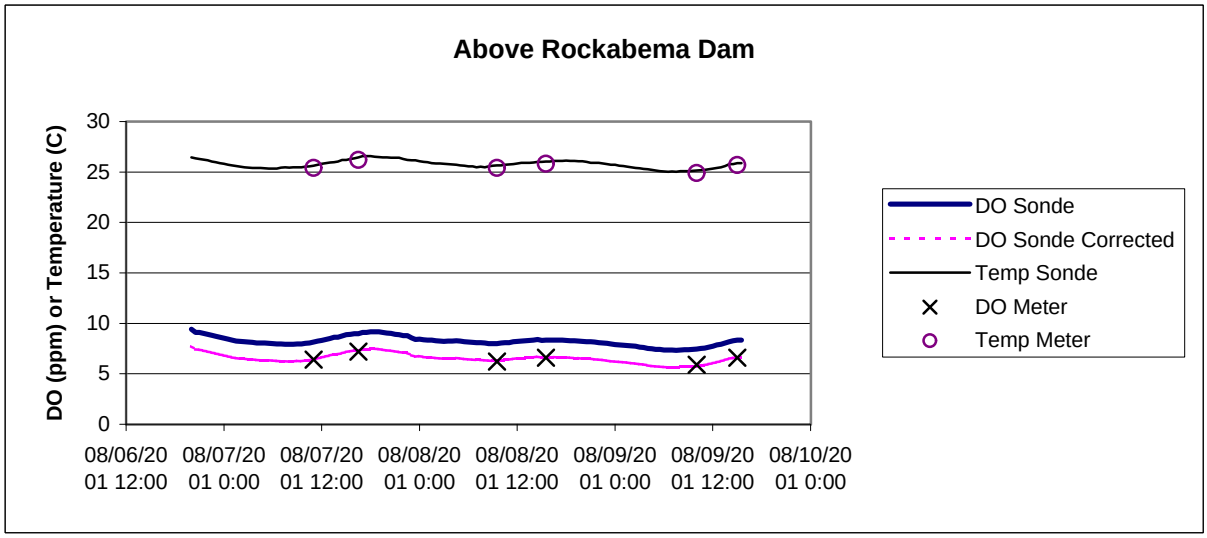


Figure 4 Continuous Monitoring for Dissolved Oxygen And Temperature





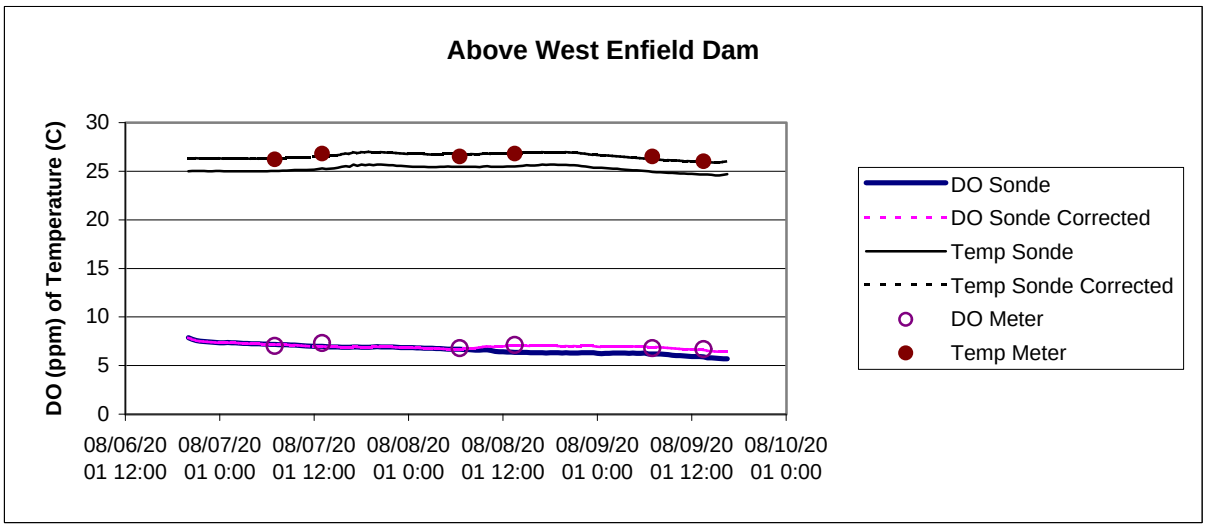


Figure 5
Penobscot River Temperature
Aug 7 to 9, 2001

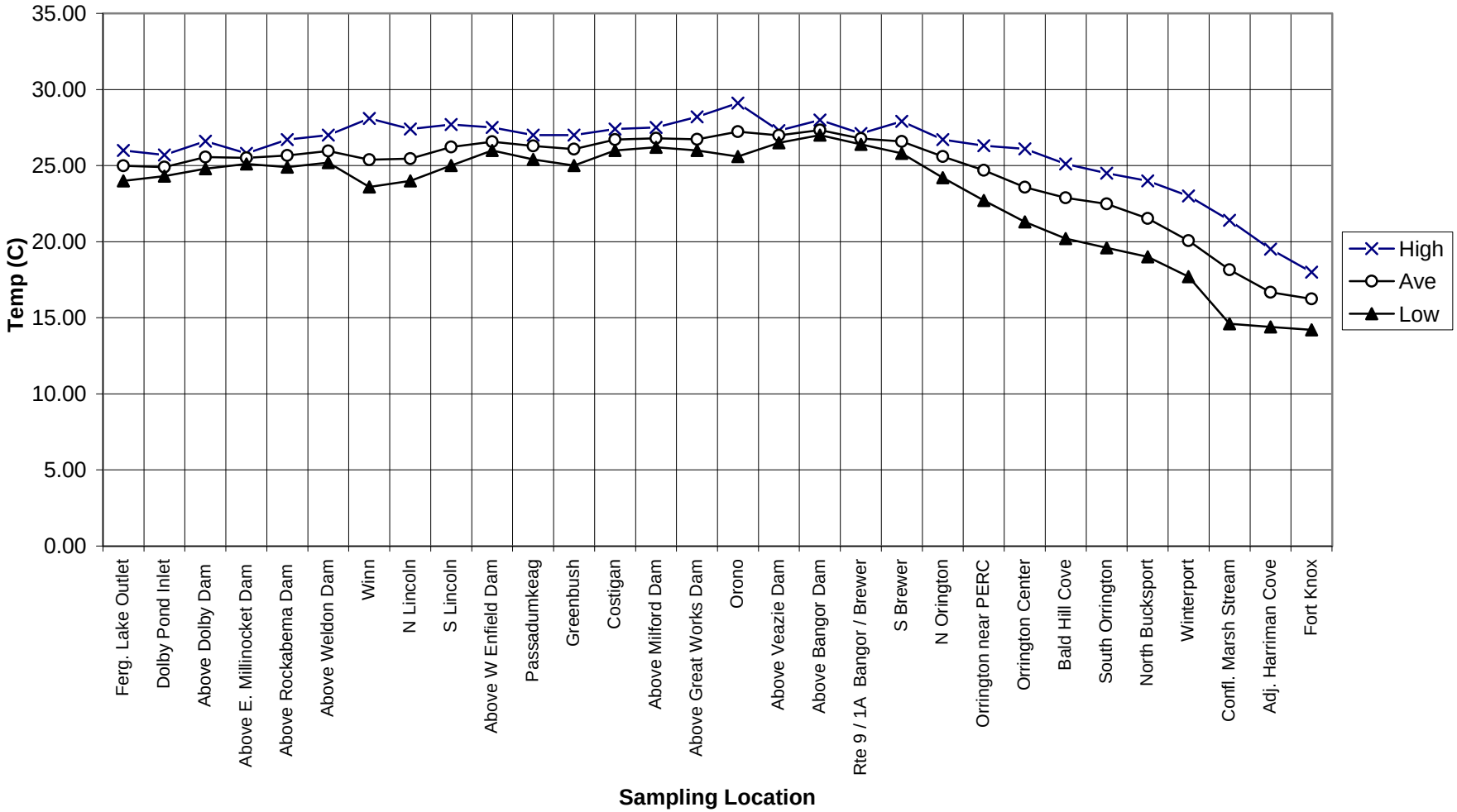


Figure 6
Penobscot Estuary Salinity
Aug 7 to 9, 2001

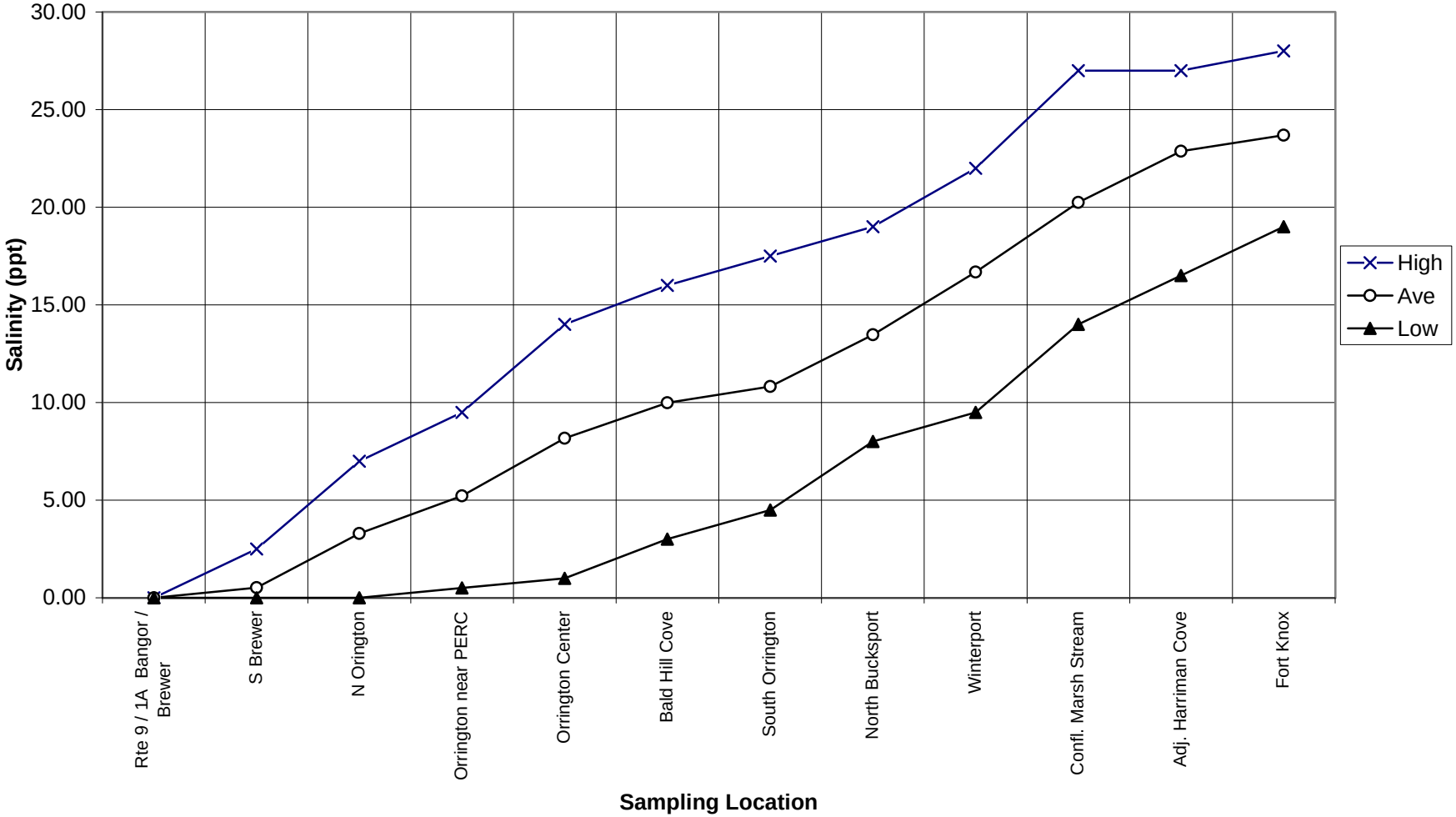


Figure 7
Penobscot River Average Ultimate BOD
Aug 7 to 9, 2001

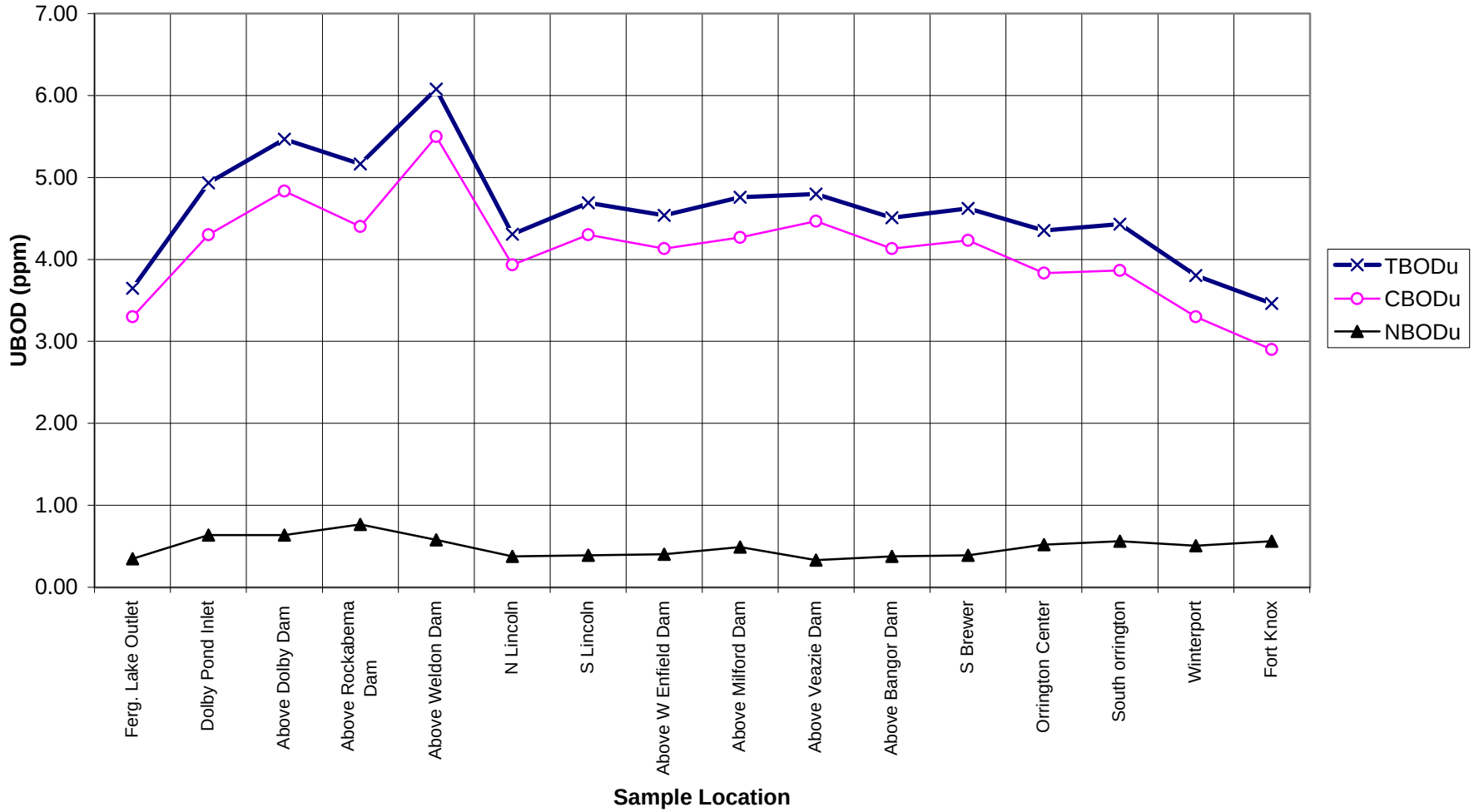


Figure 8
Penobscot River Average Phosphorus
Aug 7 to 9, 2001

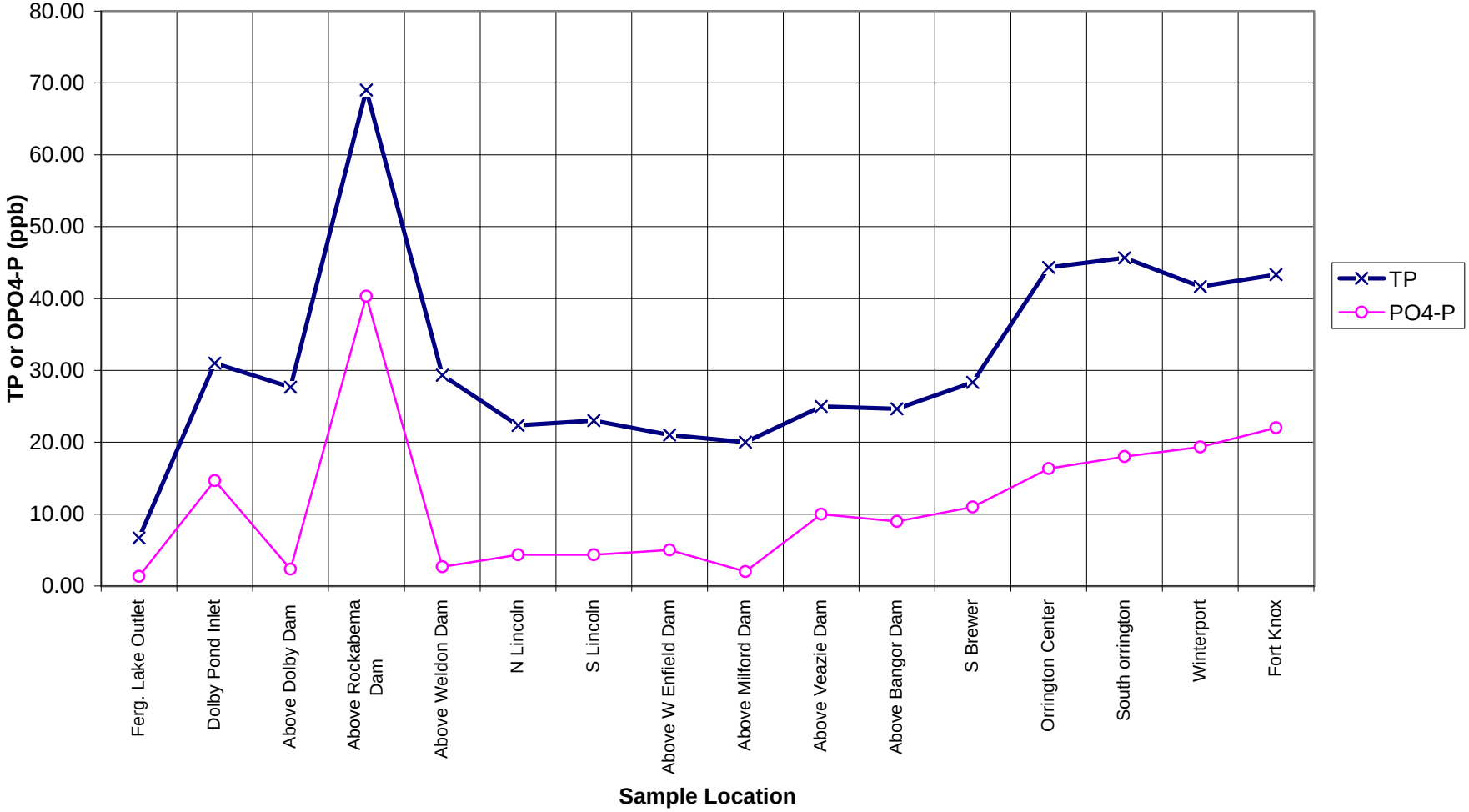


Figure 9
Penobscot River Average Nitrogen
Aug 7 to 9, 2001

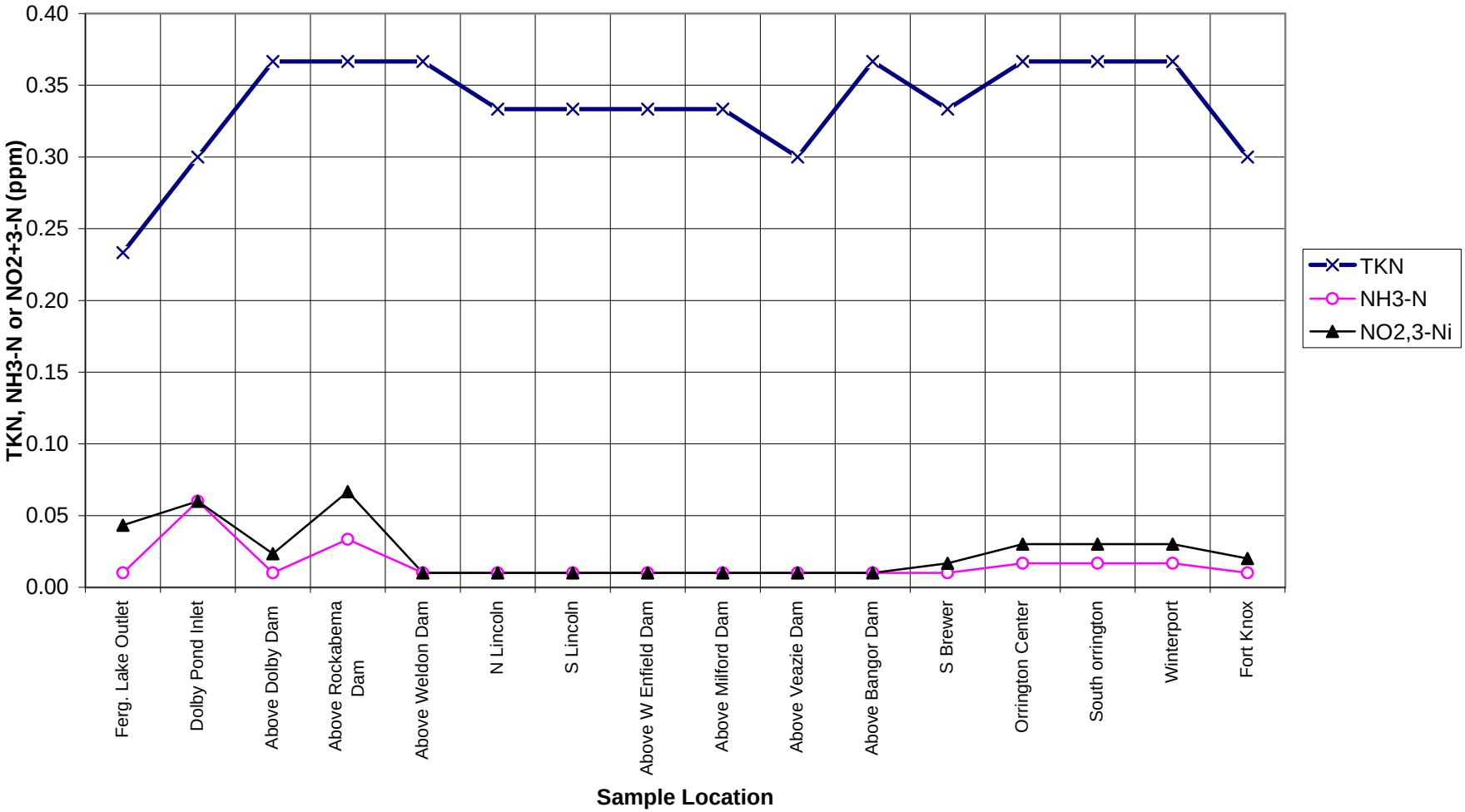


Figure 10
Penobscot River Average Chlorophyll a
Aug 7 to 9, 2001

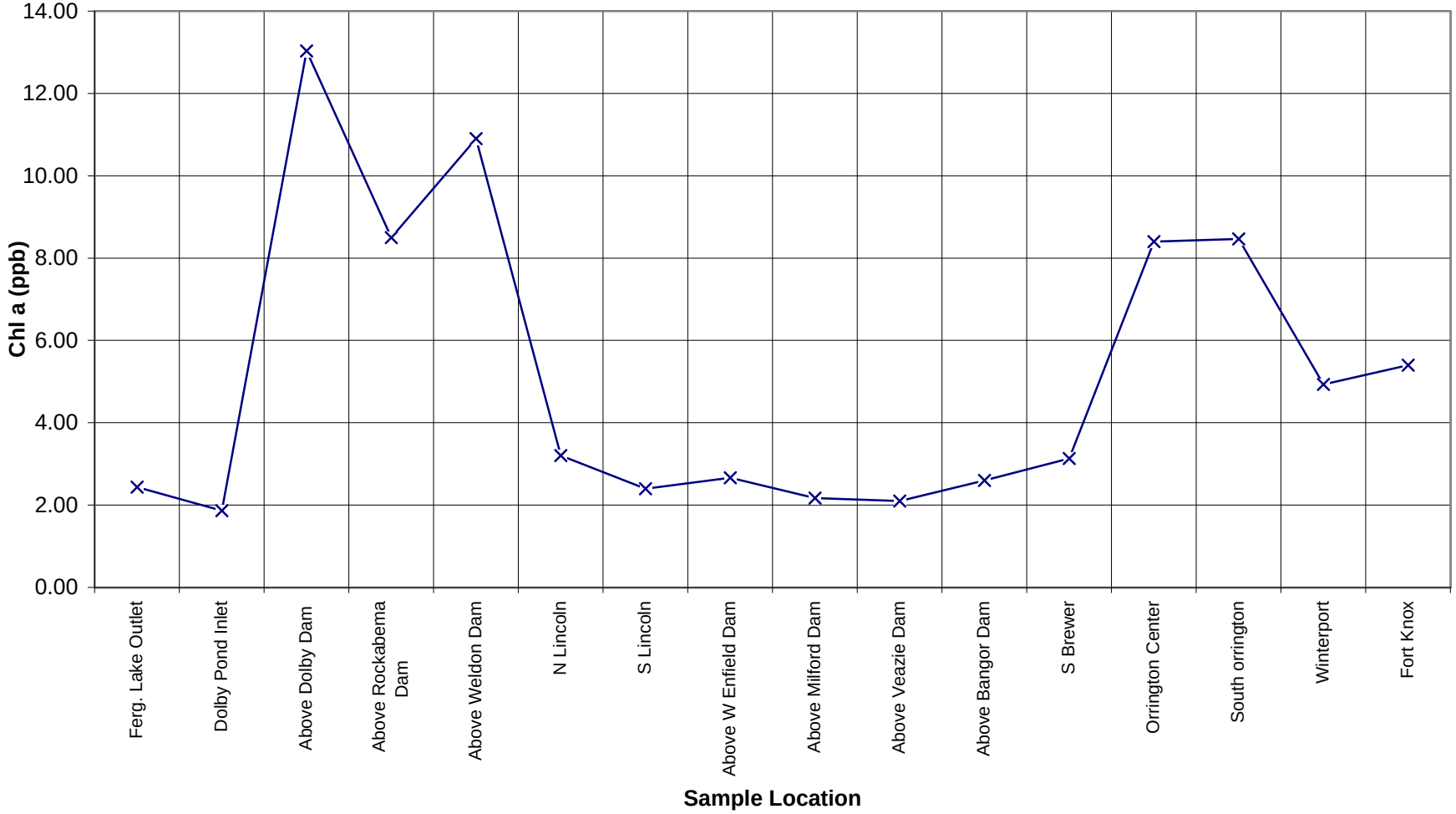


Figure 11
Penobscot River Average Secchi Depth
Aug 7 to 9, 2001

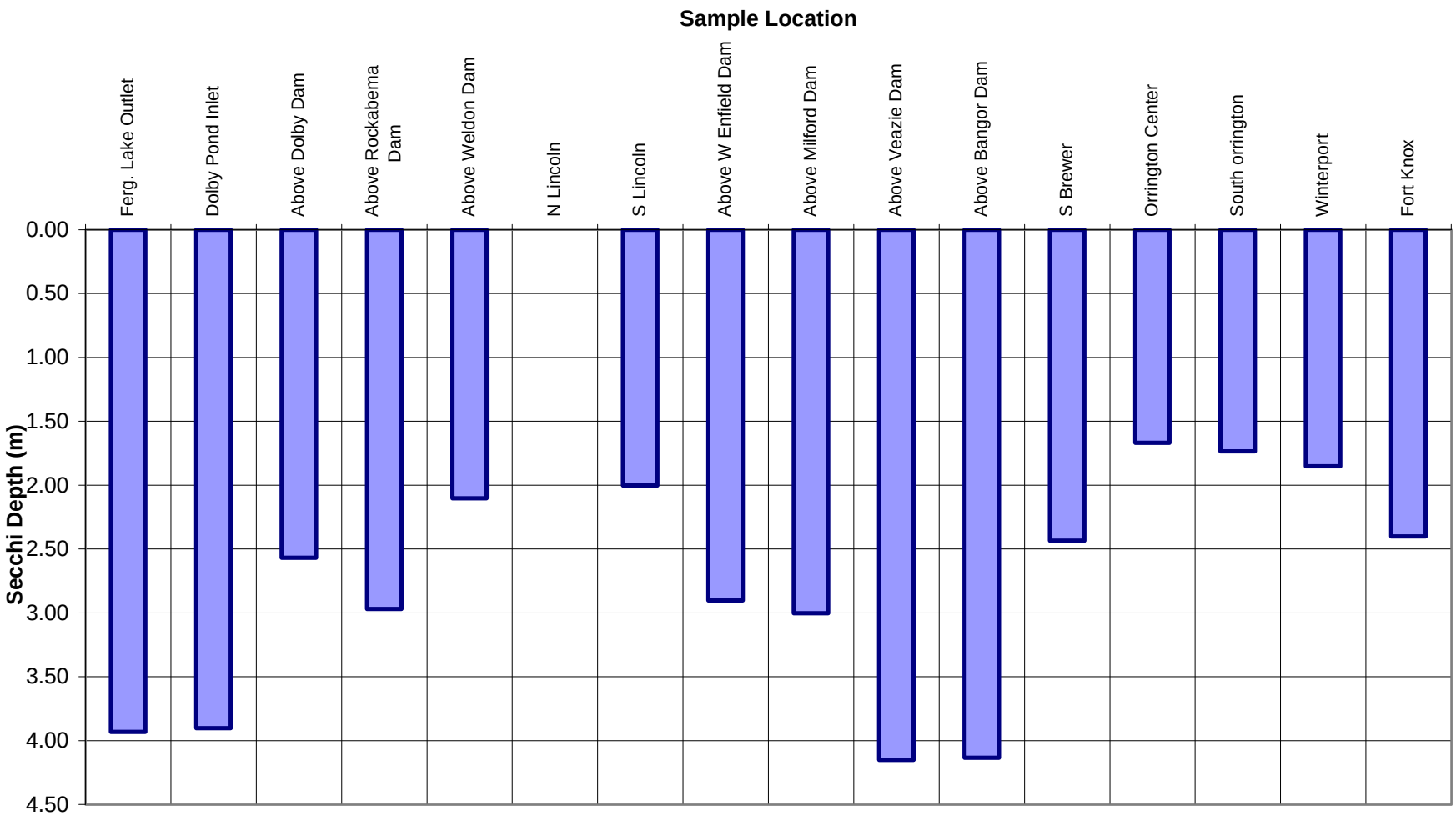


Figure 12
Penobscot River and Tributaries
E Coli

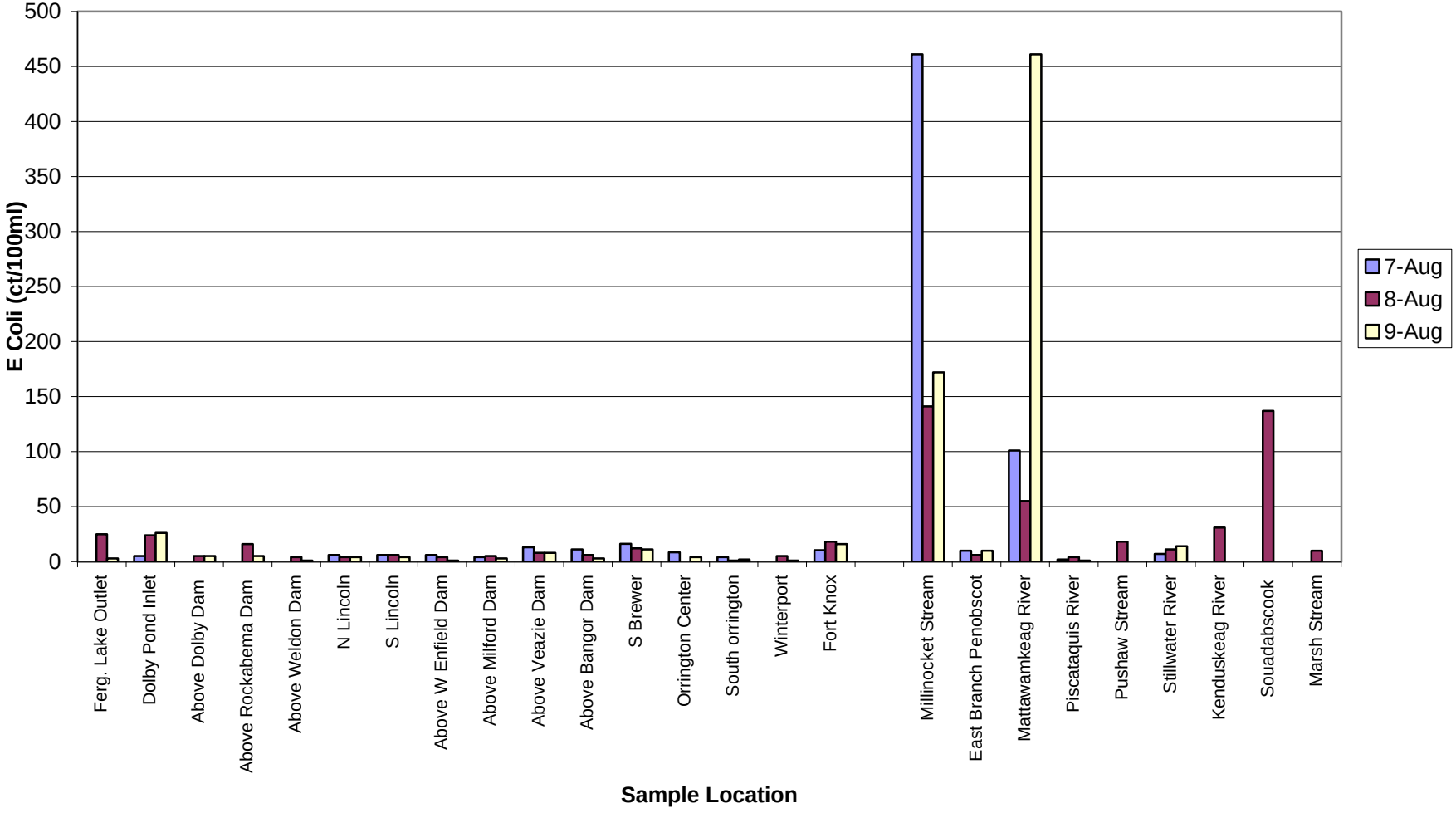


Figure 13
Effluent Total Ultimate BOD Discharged
8/7 to 8/9, 2001

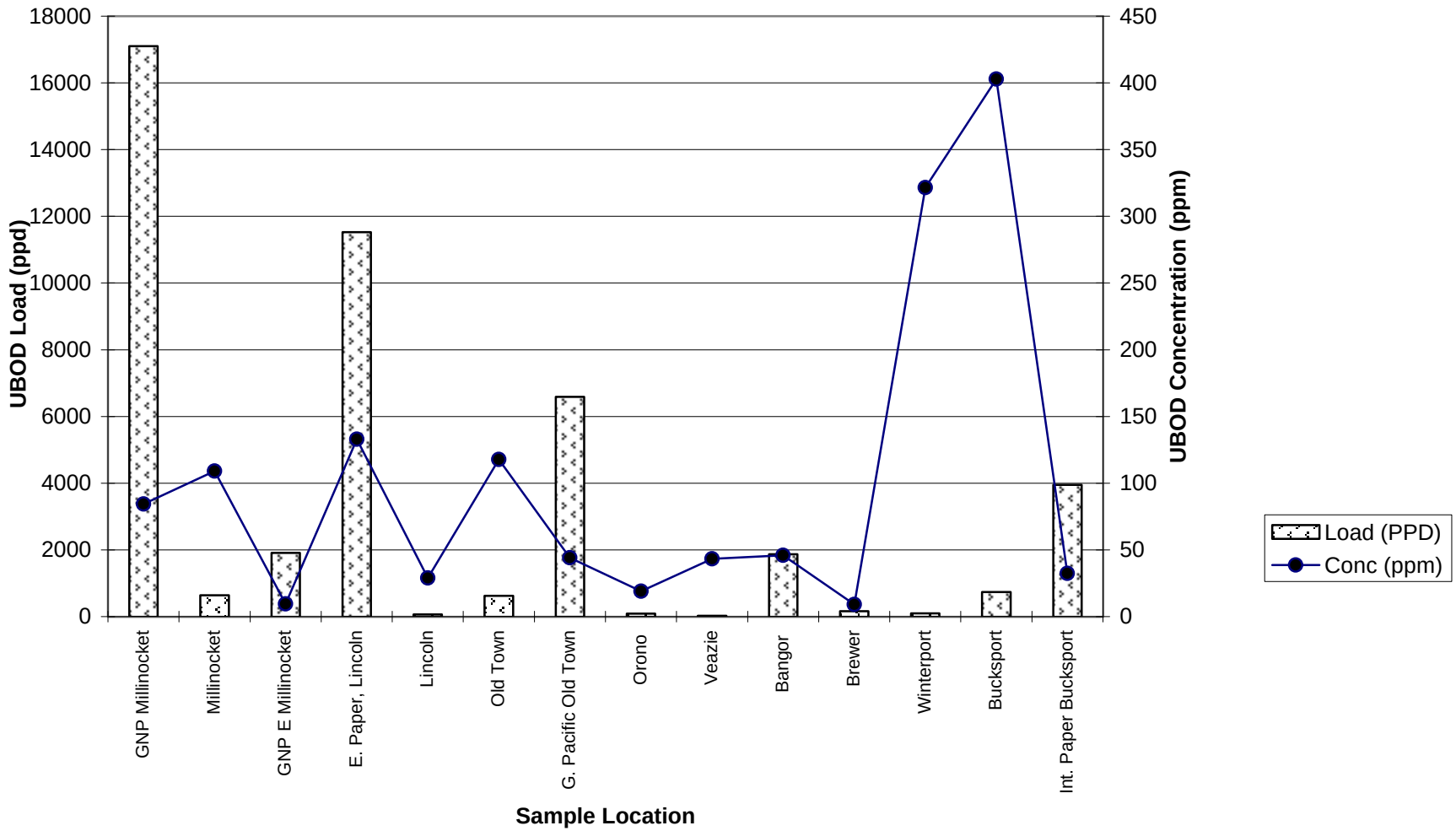


Figure 14
Effluent BOD5 Discharged 8/7 to 8/9, 2001
Compared to % of Licensed BOD5

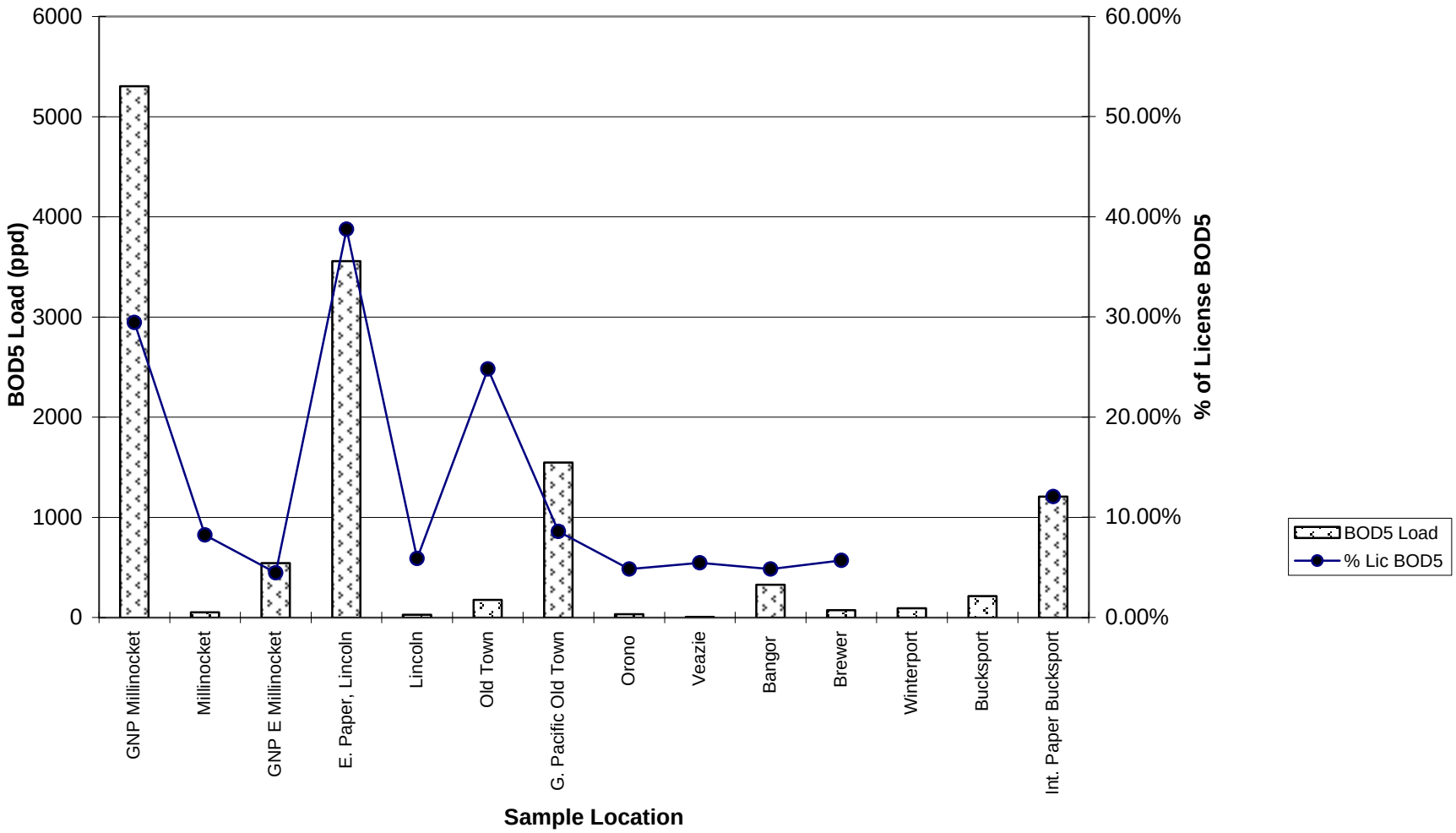


Figure 15
Effluent Total Phosphorus Discharged
8/7 to 8/9, 2001

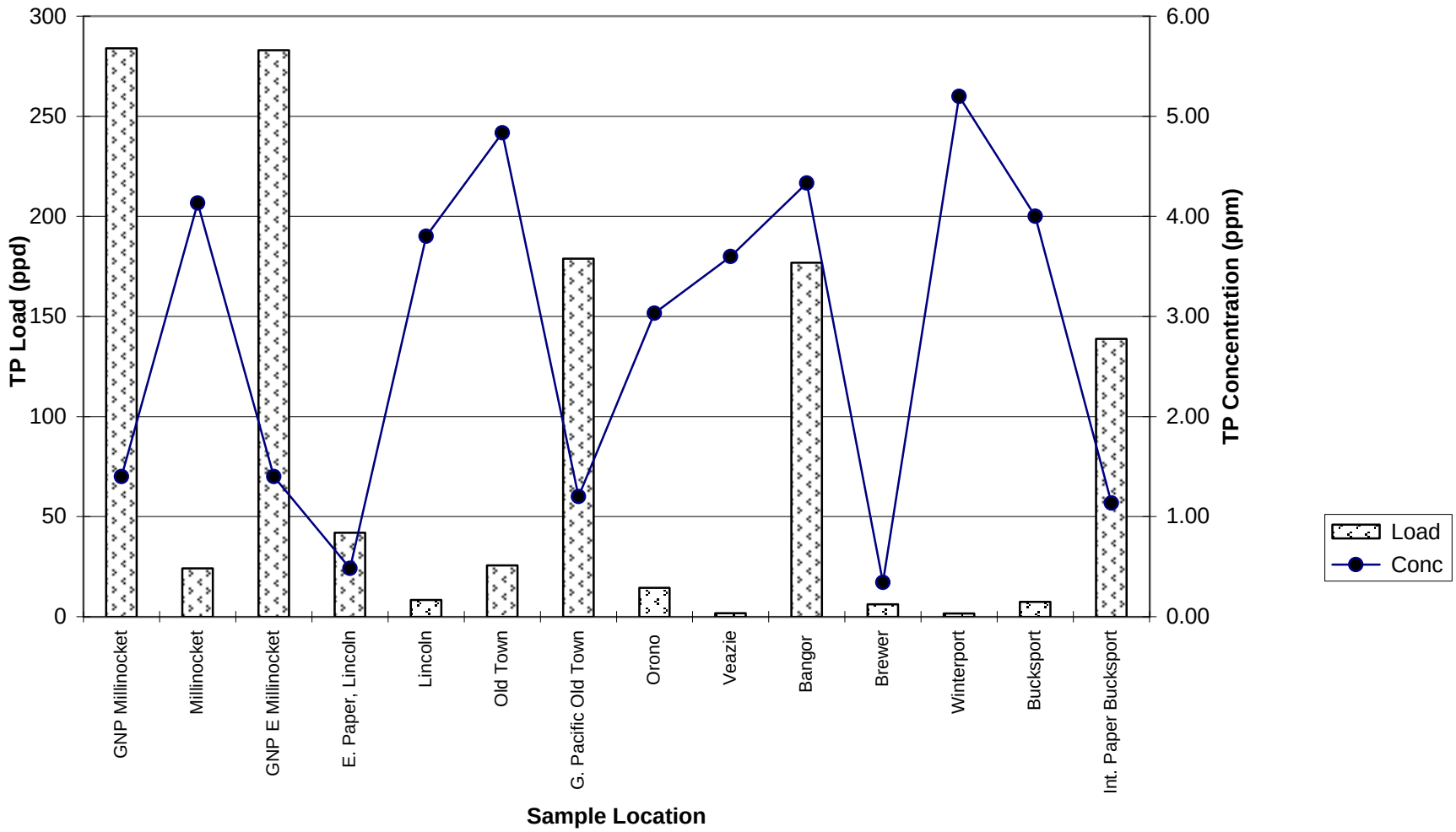


Figure 16
Effluent Total Nitrogen Discharged
8/7 to 8/9, 2001

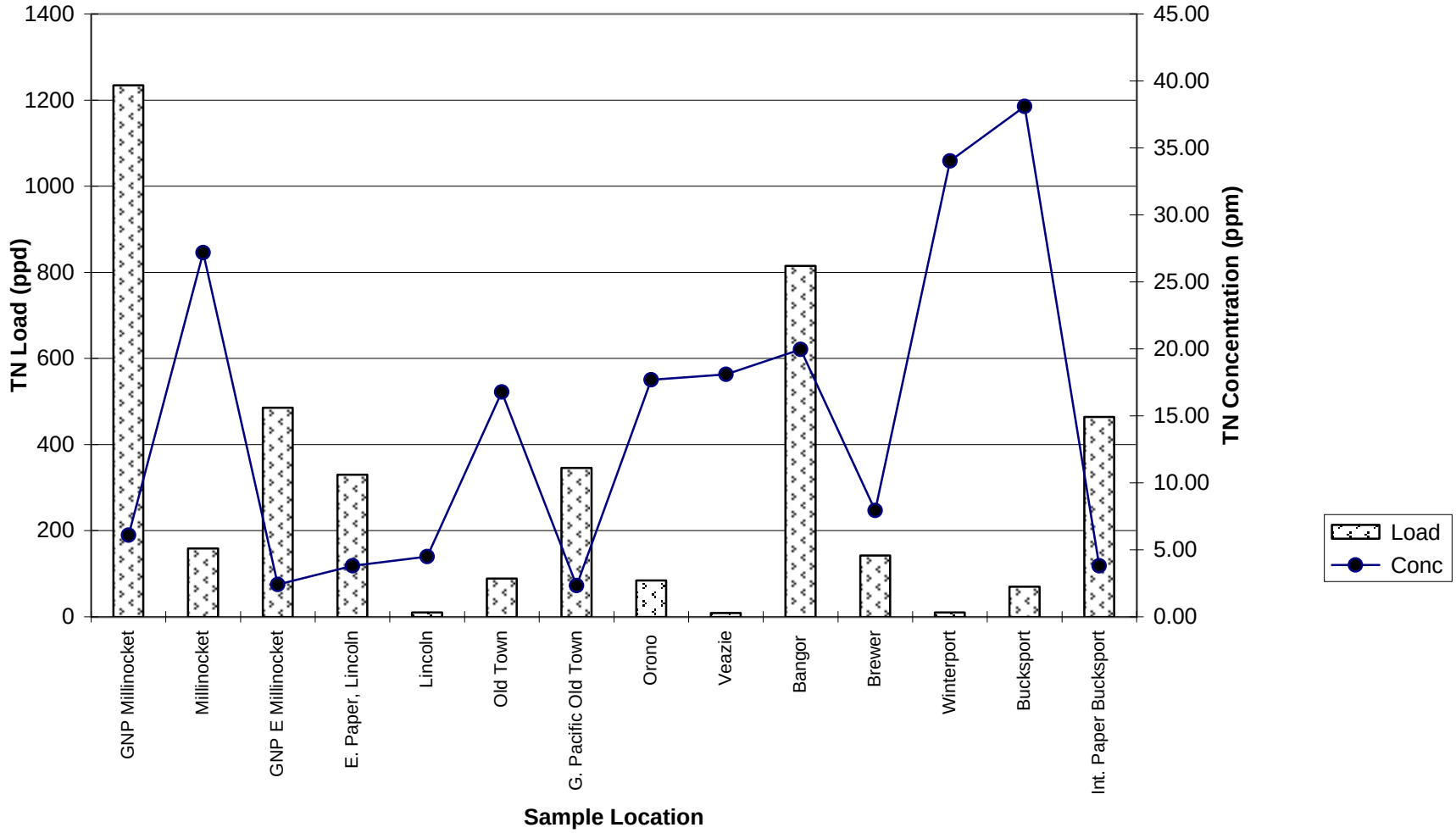
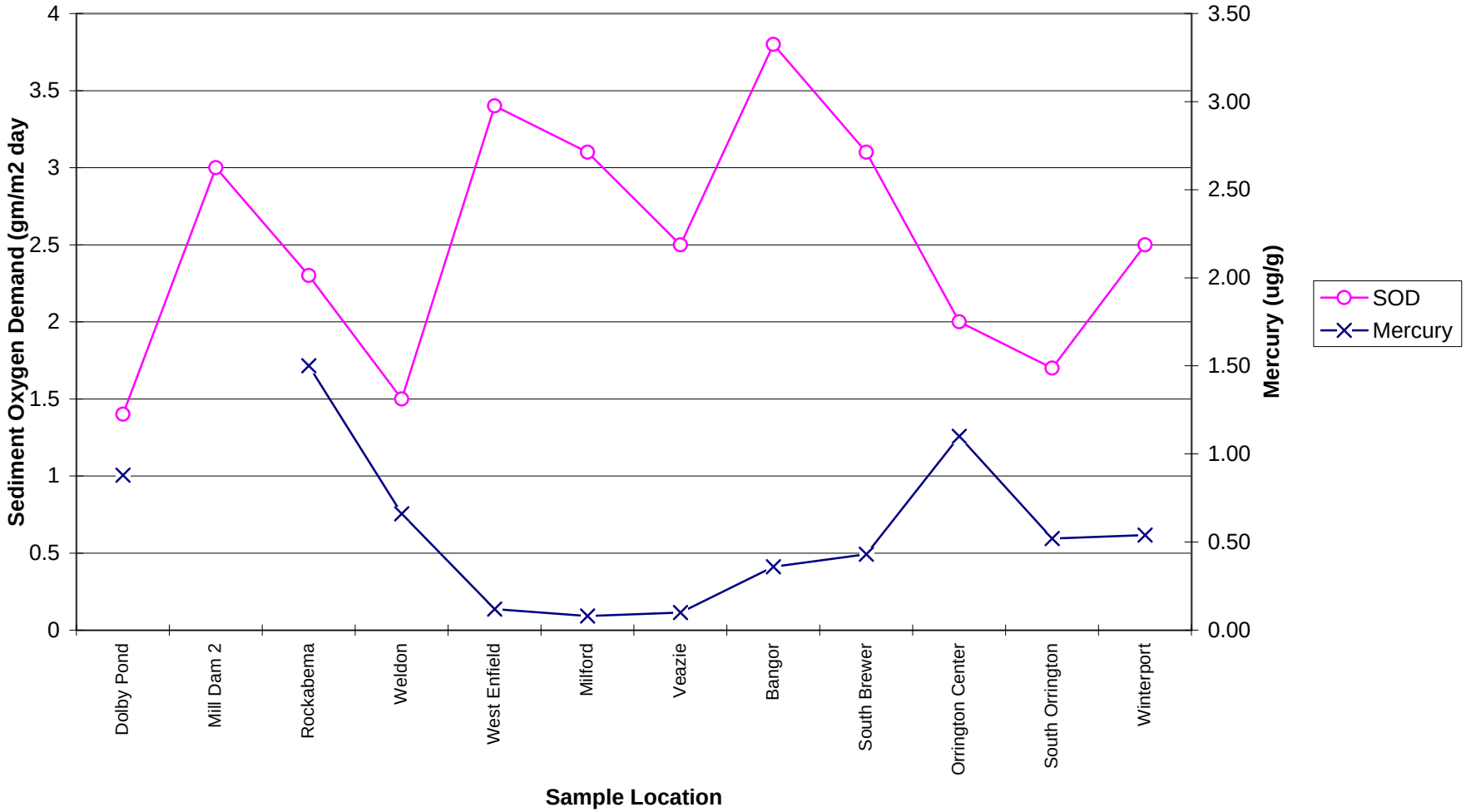
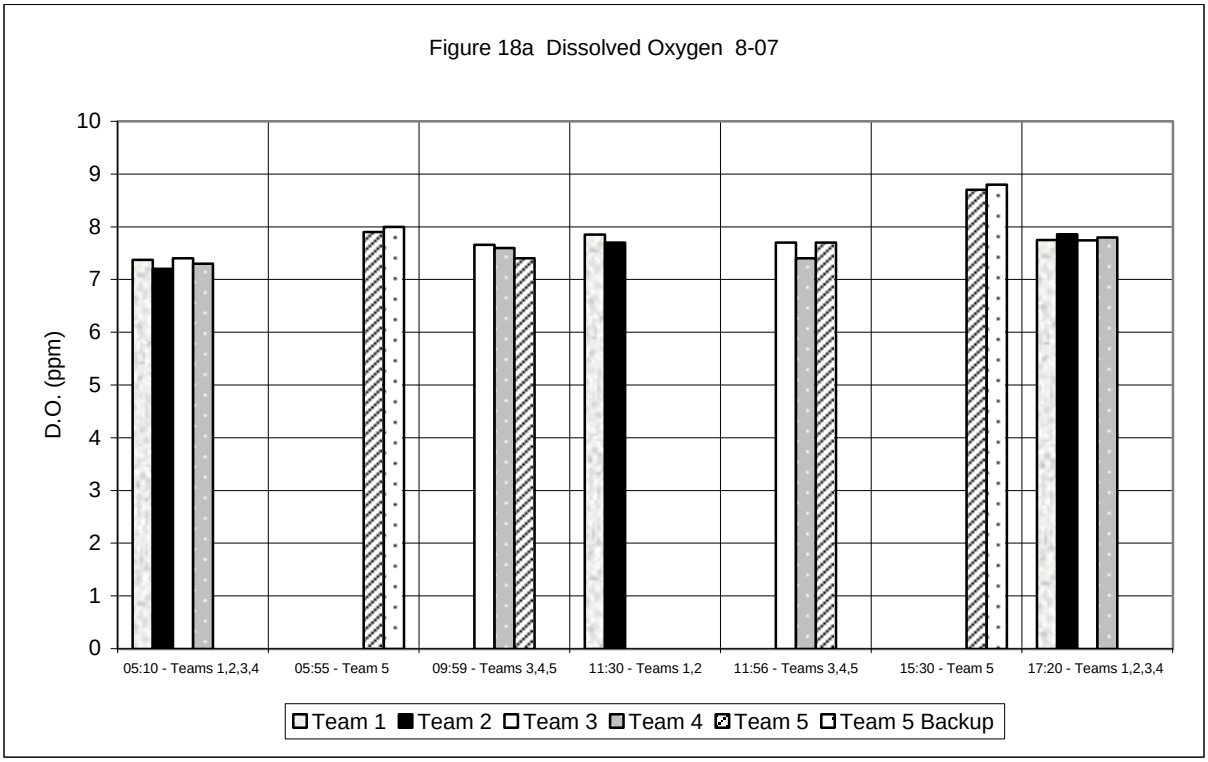
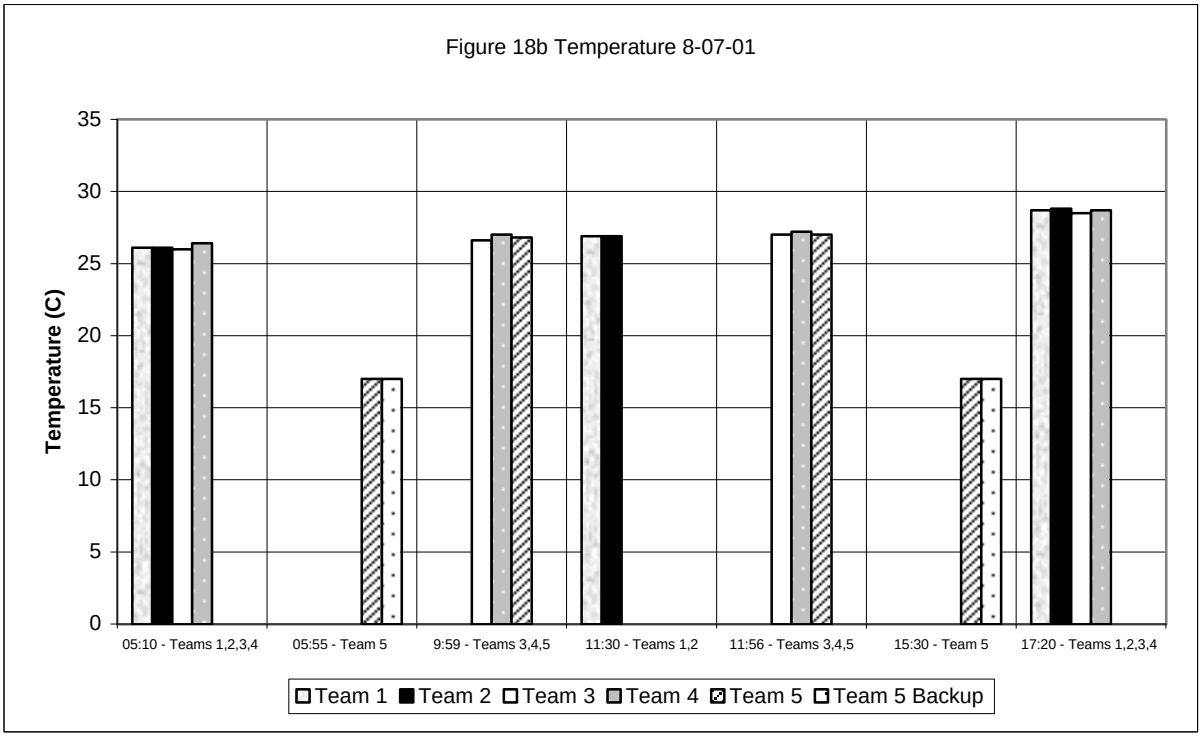


Figure 17
Penobscot River Sediment Analysis
Oxygen Demand and Mercury

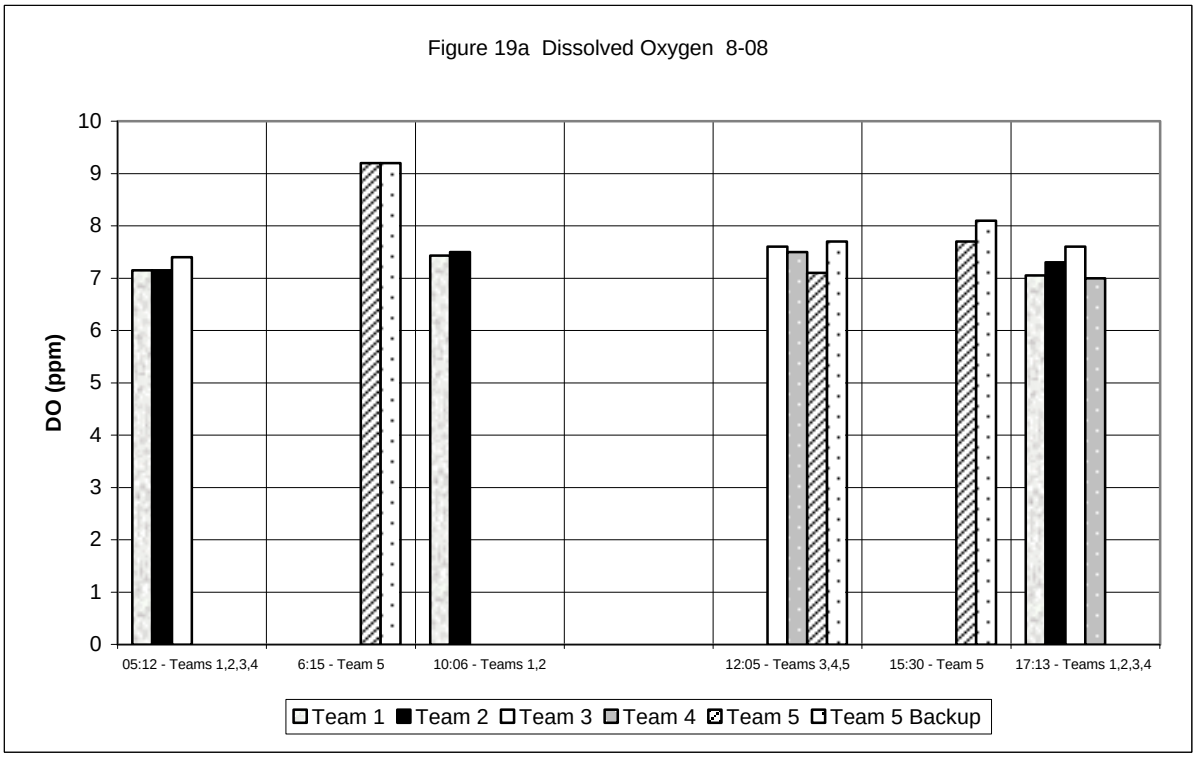


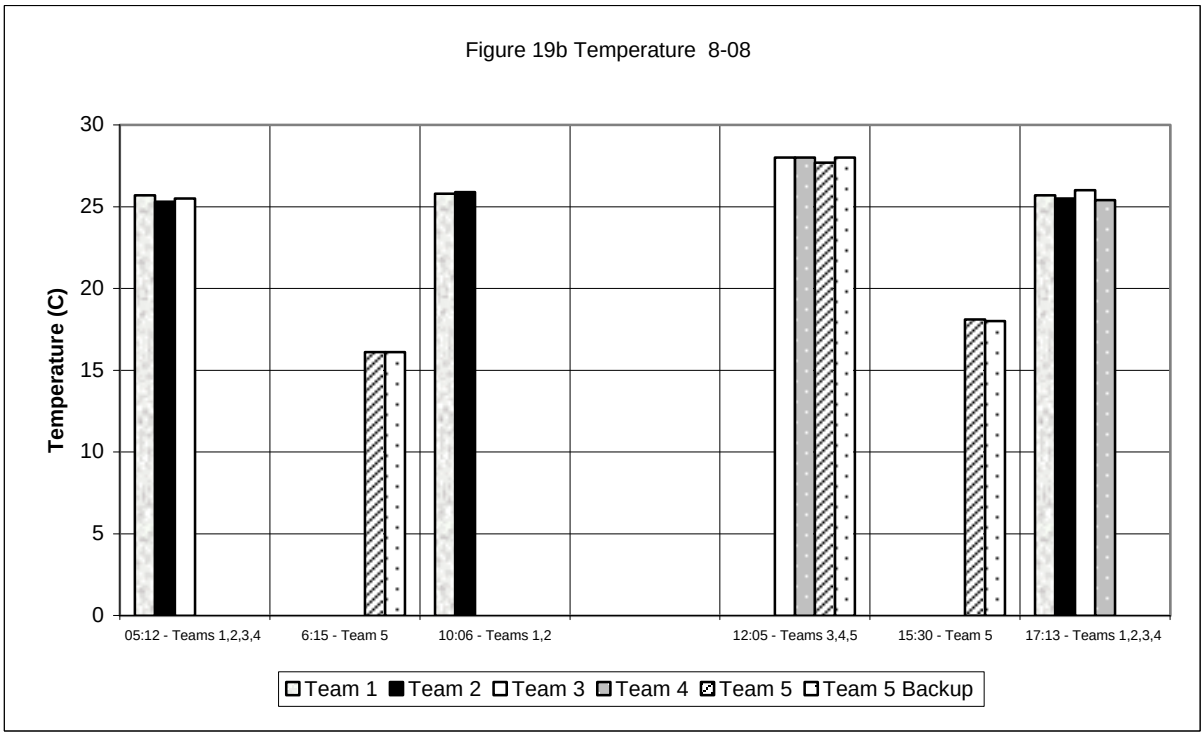
Dissolved Oxygen Meter Cross Checks 8-07-01



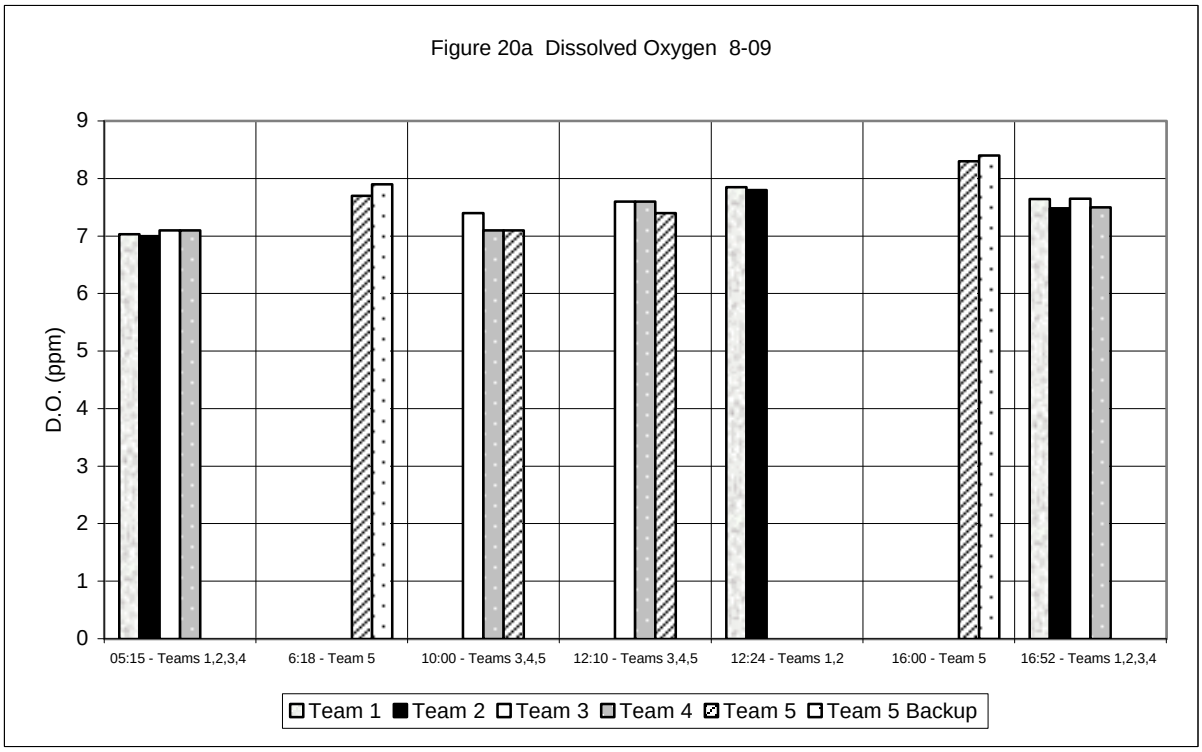


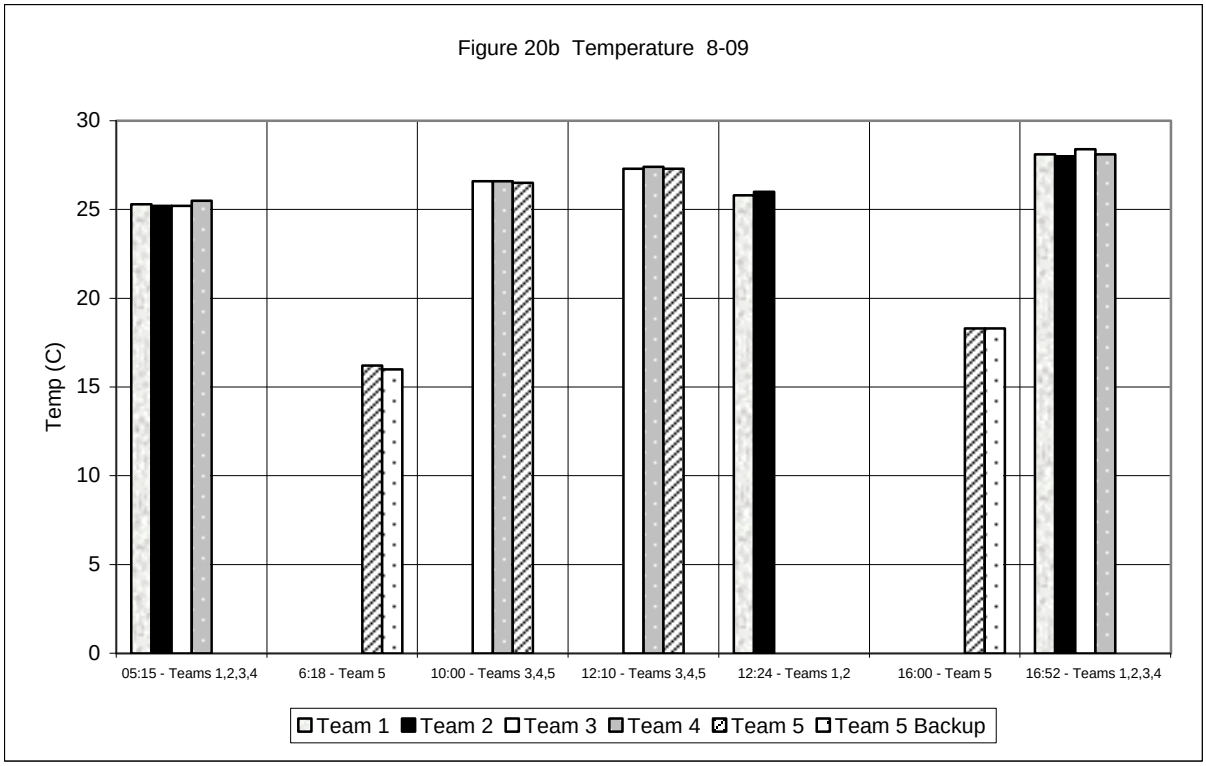
Dissolved Oxygen Meter Cross Checks 8-08-01



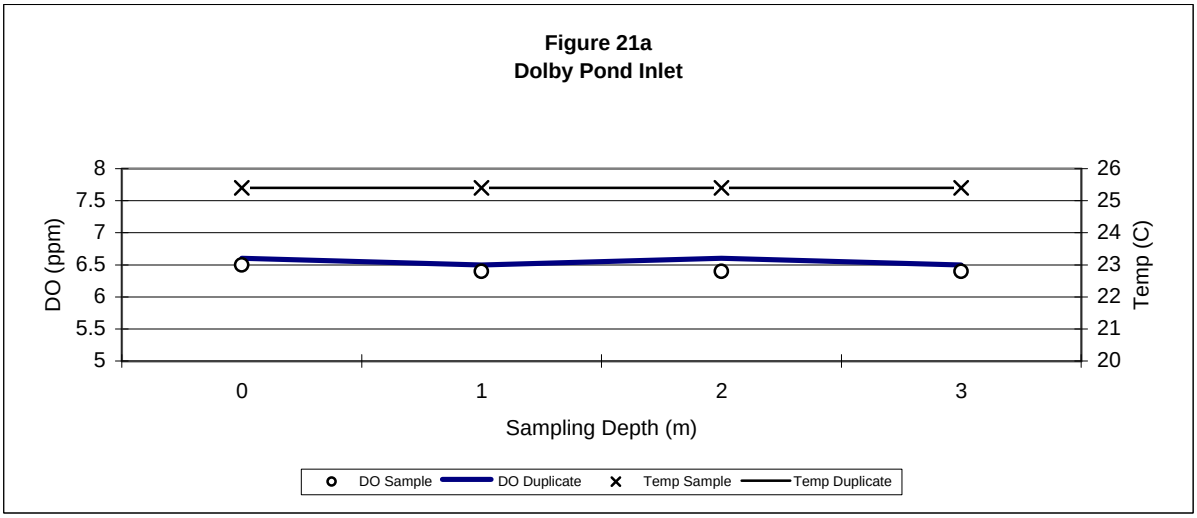


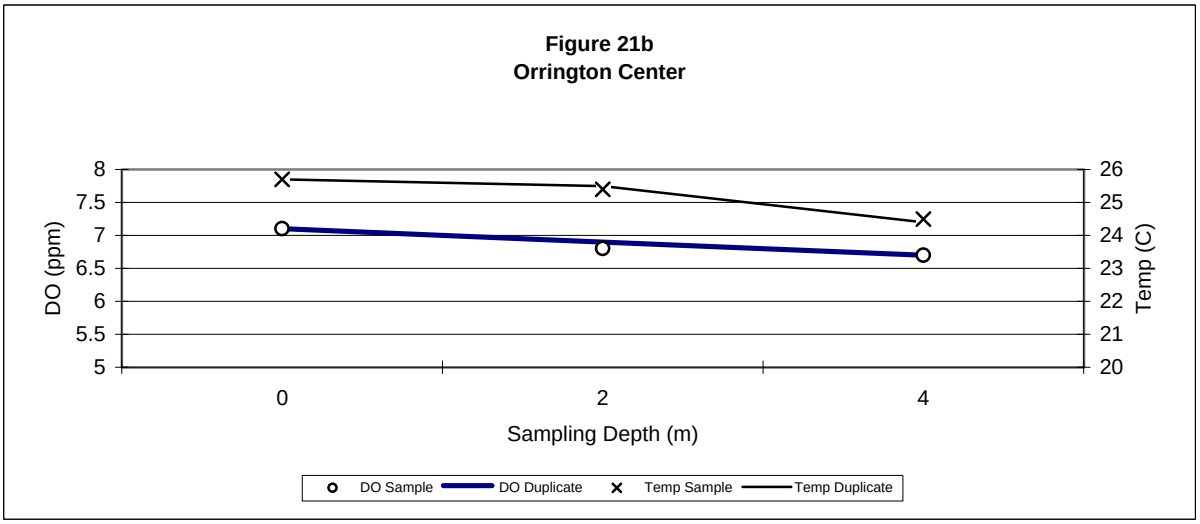
Dissolved Oxygen Meter Cross Checks 8-09-01

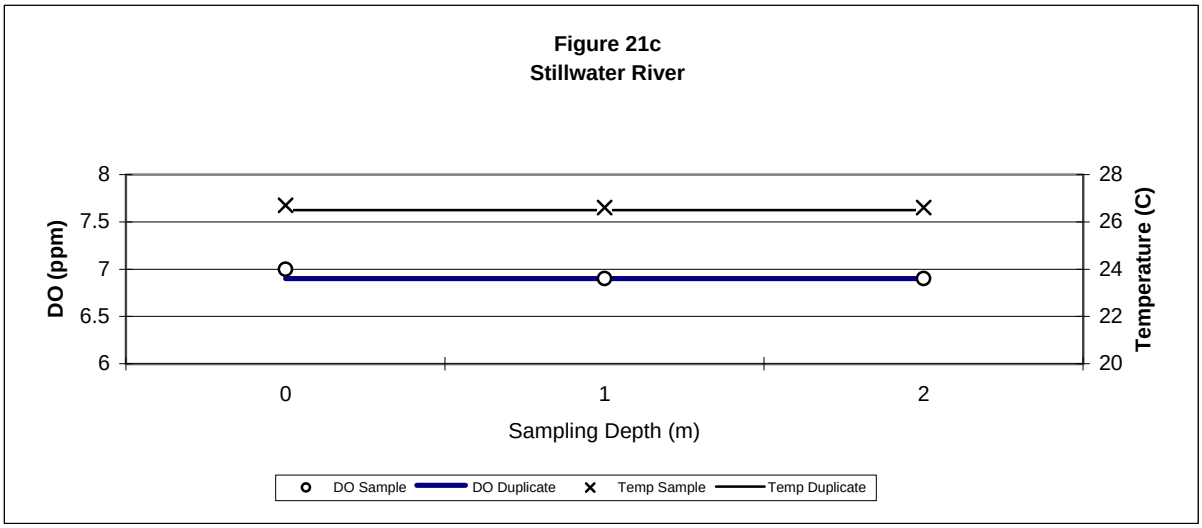




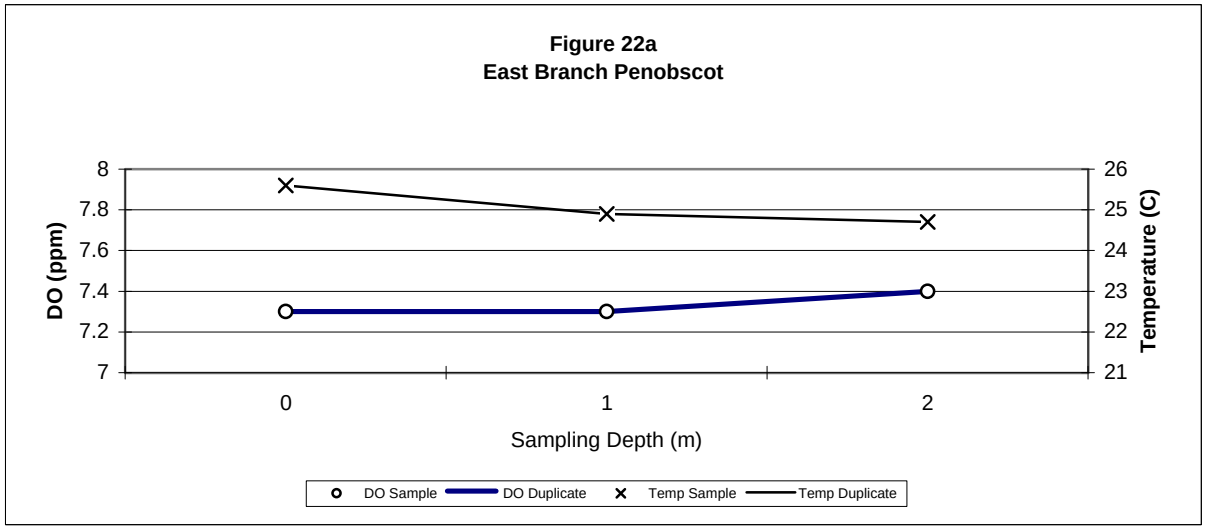
Dissolved Oxygen and Temperature Duplicate Sampling 8-07-01

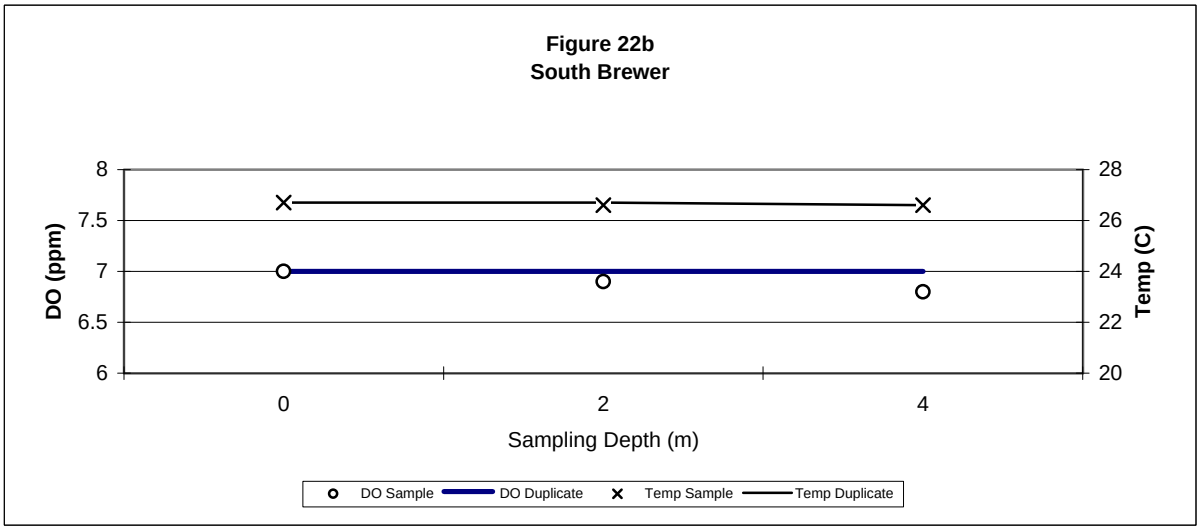


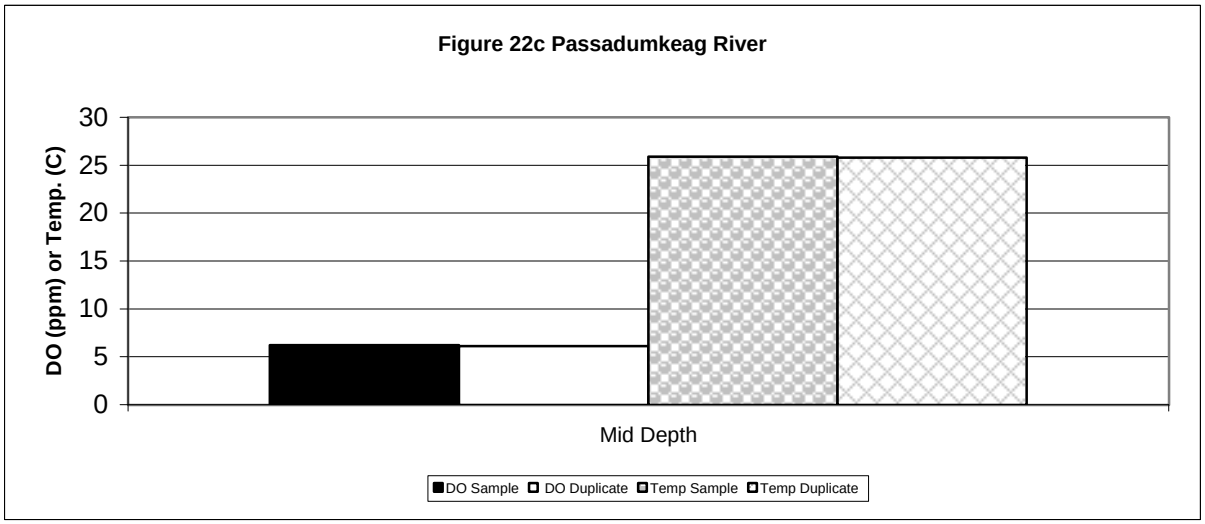




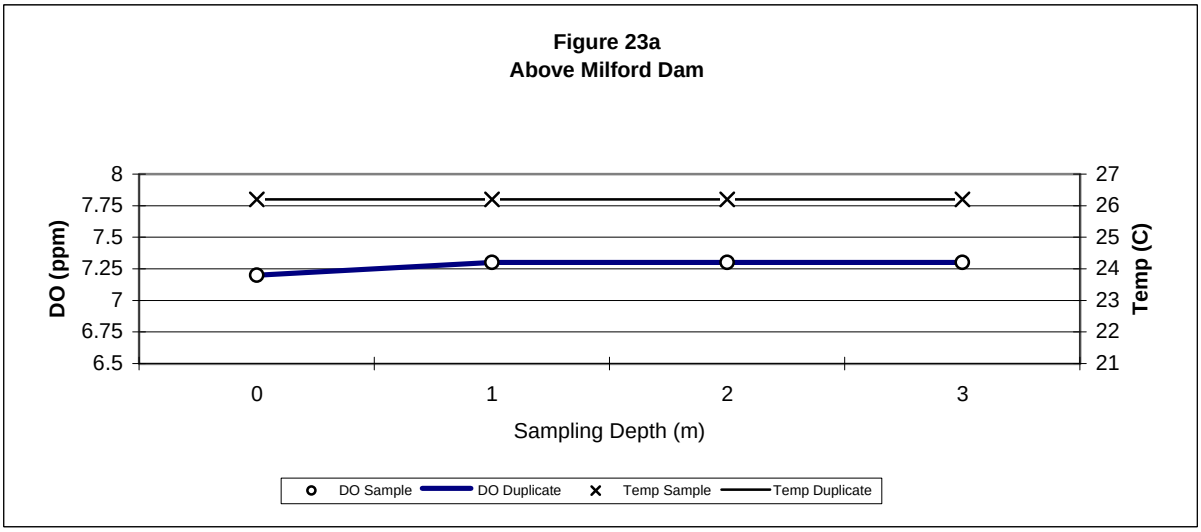
Dissolved Oxygen and Temperature Duplicate Sampling 8-08-01

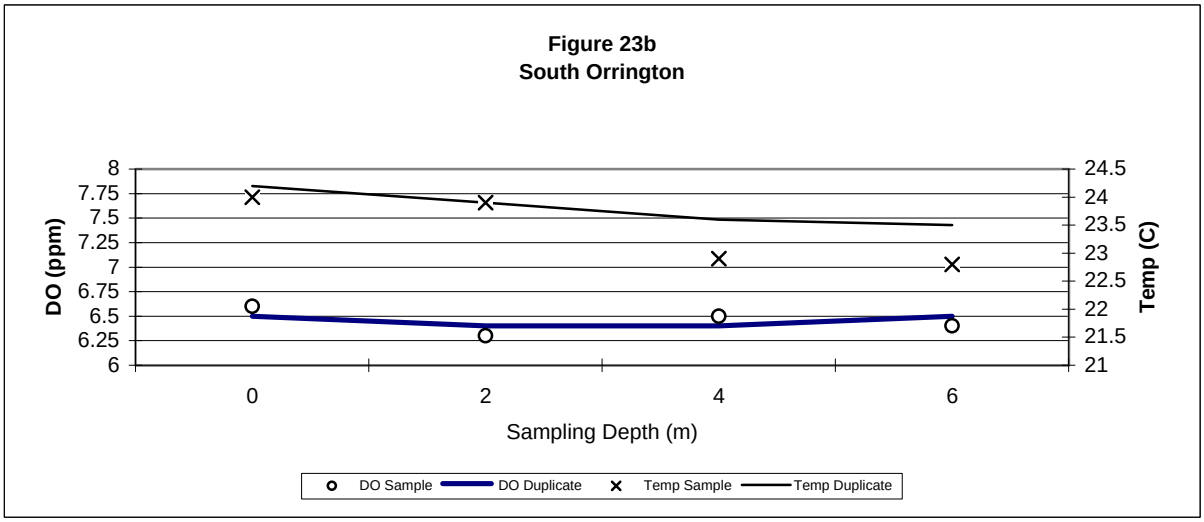


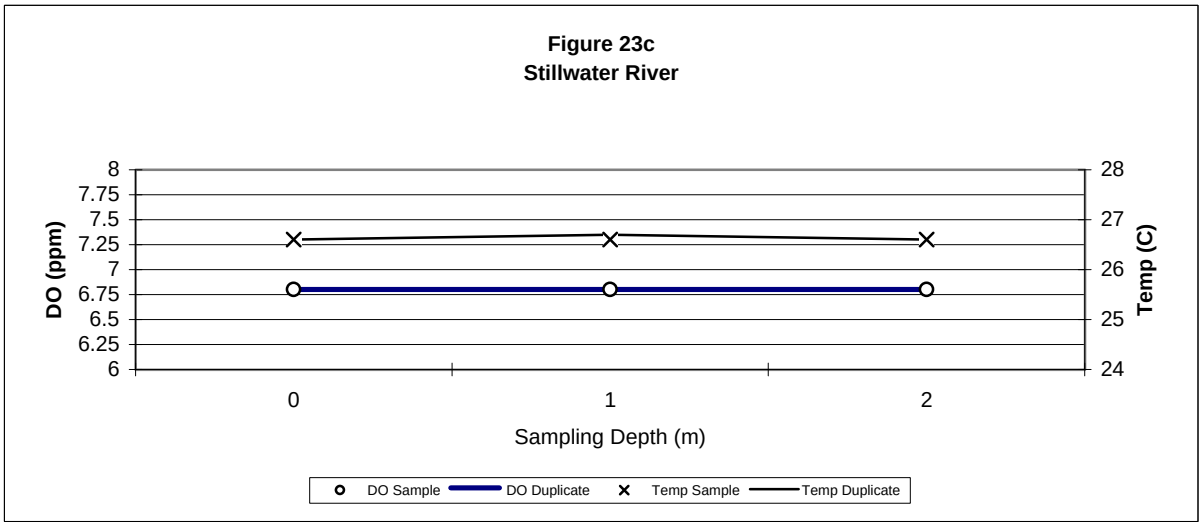




Dissolved Oxygen and Temperature Duplicate Sampling 8-09-01







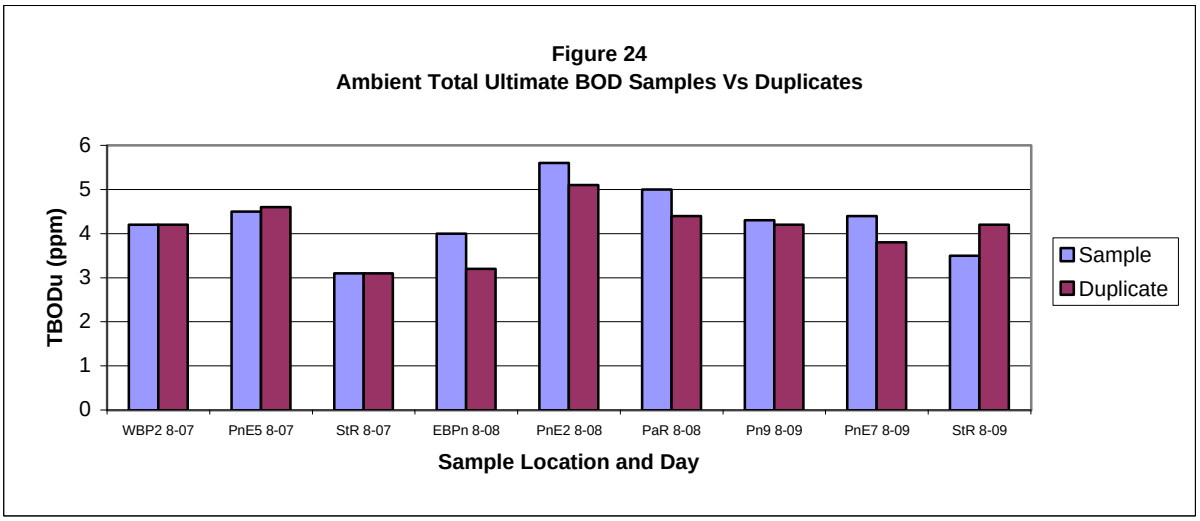


Figure 24
Ambient Total Ultimate BOD Samples Vs Duplicates
TBODu (ppm)
0
1
2
3
4
5
6
WBP2 8-07
PnE5 8-07
StR 8-07
EBPn 8-08
PnE2 8-08
PaR 8-08
Pn9 8-09
PnE7 8-09
StR 8-09
Sample Location and Day
Sample
Duplicate

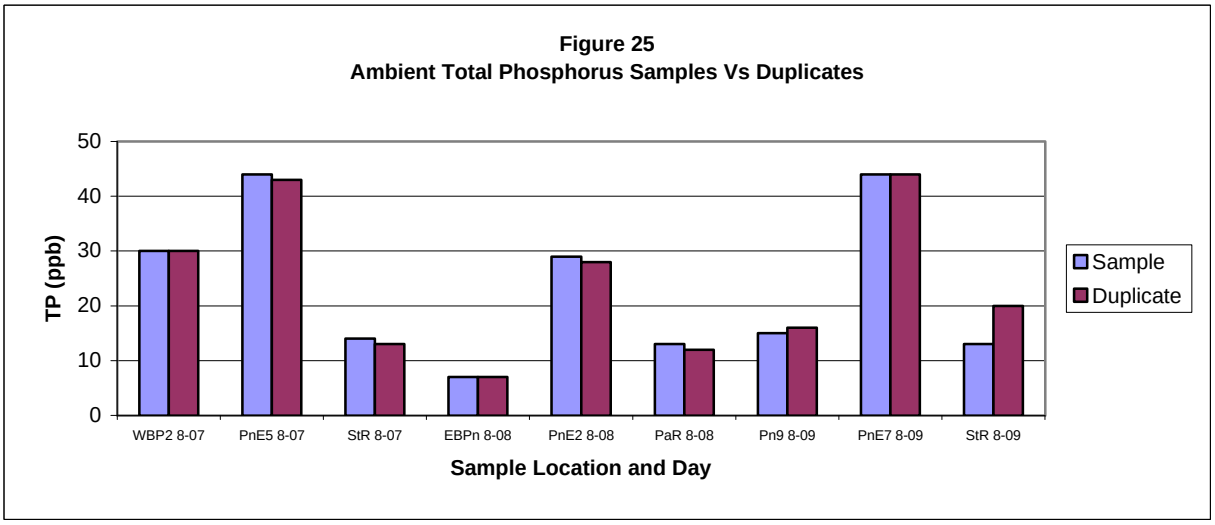


Figure 25
Ambient Total Phosphorus Samples Vs Duplicates
TP (ppb)
0
10
20
30
40
50
WBP2 8-07
PnE5 8-07
StR 8-07
EBPn 8-08
PnE2 8-08
PaR 8-08
Pn9 8-09
PnE7 8-09
StR 8-09
Sample Location and Day
Sample
Duplicate

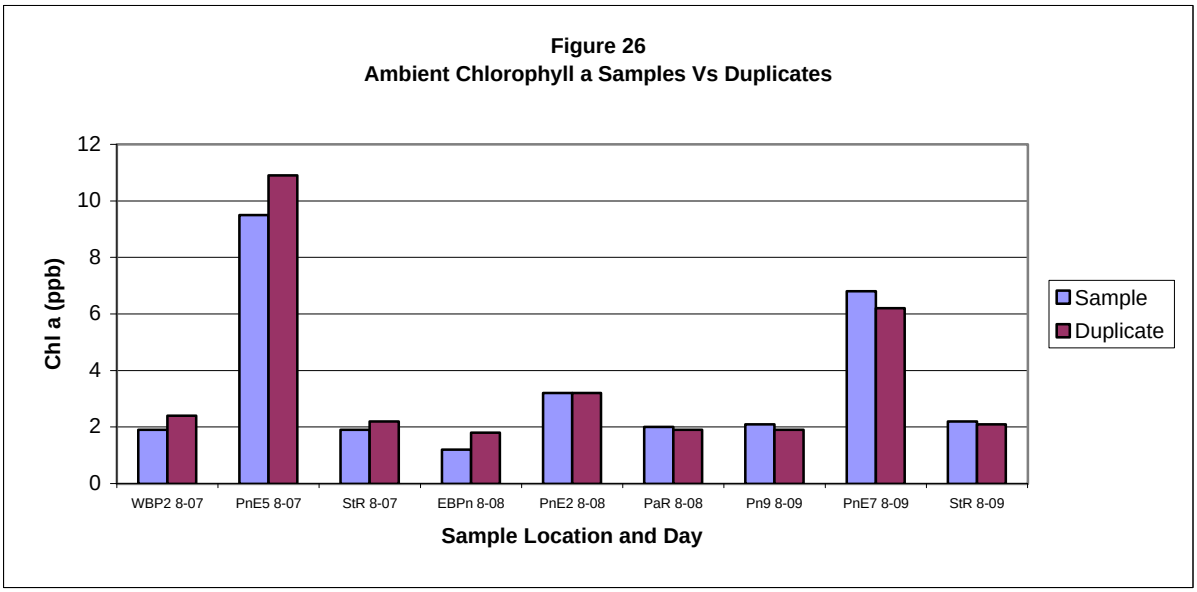


Figure 26
Ambient Chlorophyll a Samples Vs Duplicates
Chl a (ppb)
0
2
4
6
8
10
12
WBP2 8-07
PnE5 8-07
StR 8-07
EBPn 8-08
PnE2 8-08
PaR 8-08
Pn9 8-09
PnE7 8-09
StR 8-09
Sample Location and Day
Sample
Duplicate

Figure 27
Ambient Total Kjeldhal Nitrogen Samples Vs Duplicates

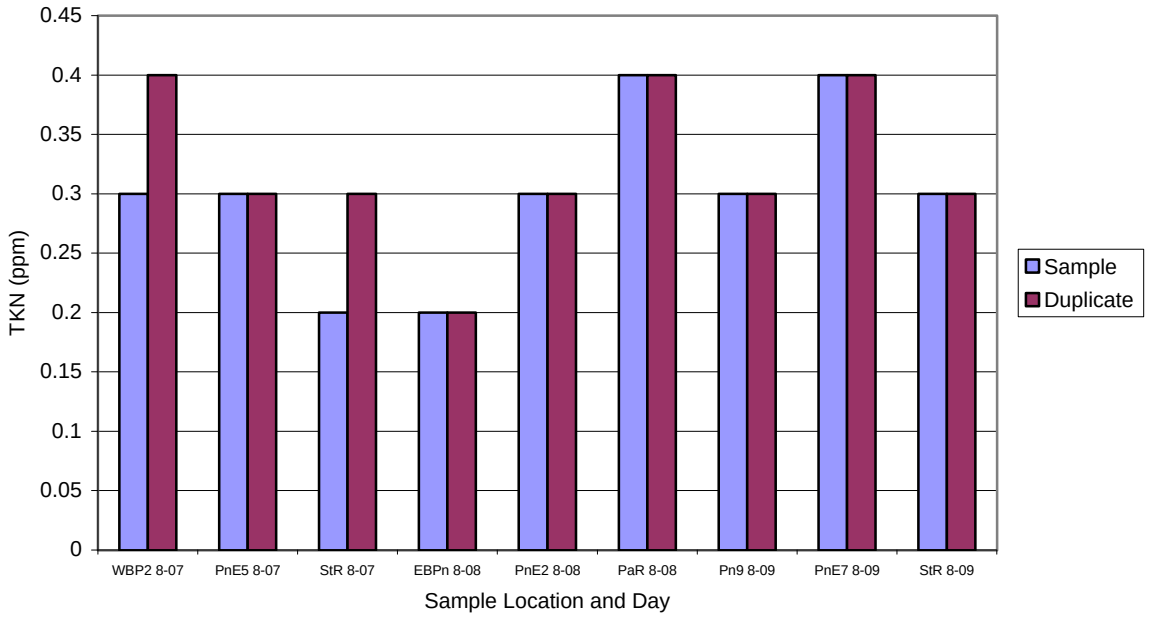


Figure 28
Ambient Nitrite + Nitrate Nitrogen Samples Vs Duplicates

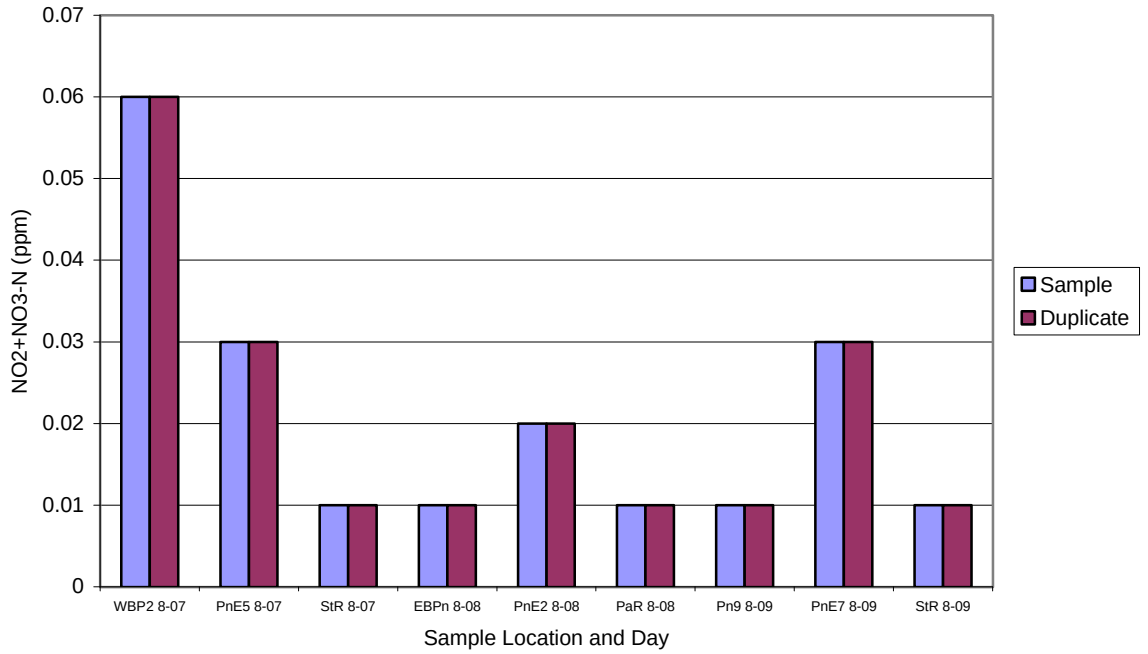
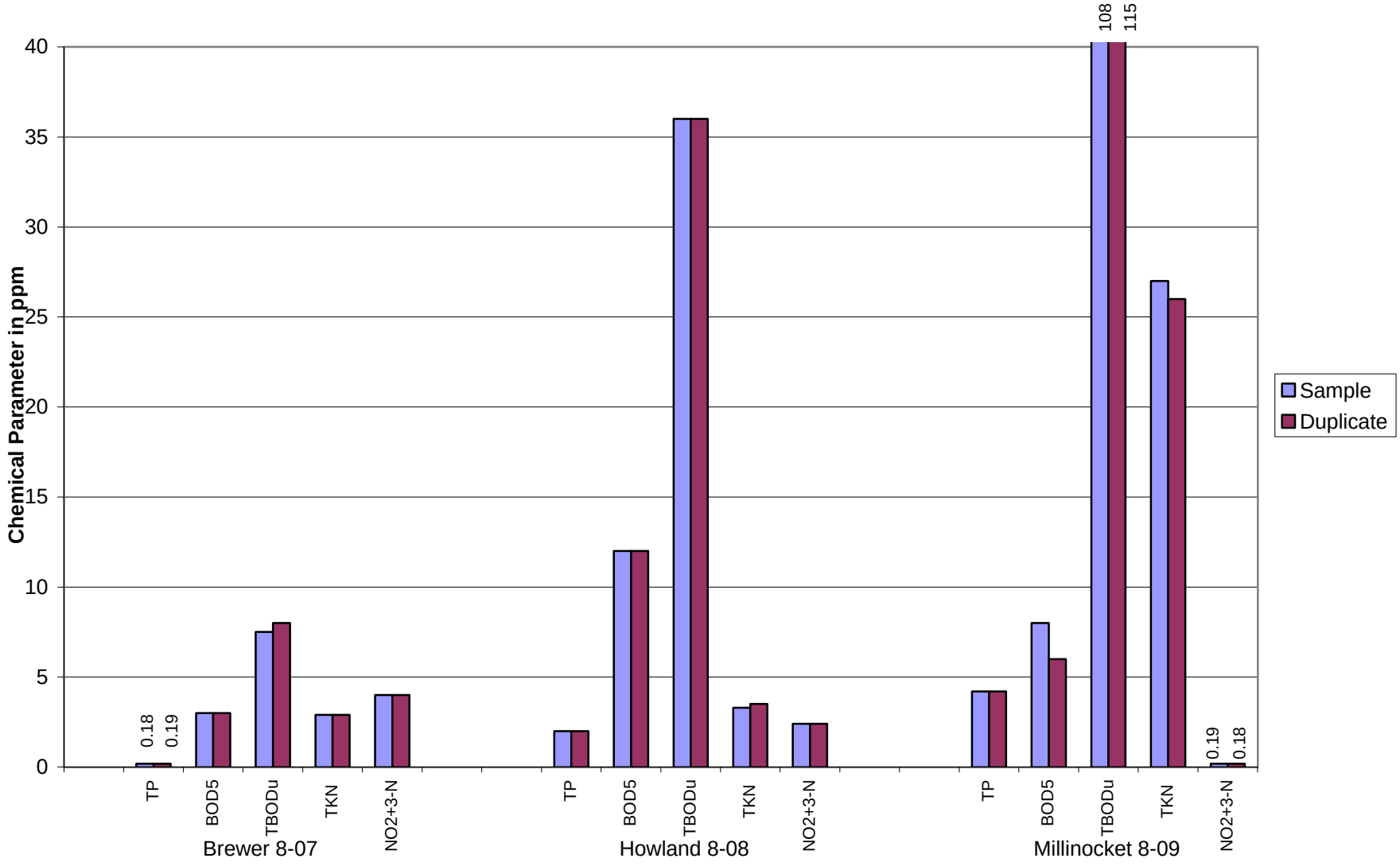



Figure 29
Effluent Samples Vs Duplicates