Figure 14
Nitrogen to Phosphorus Ratio
Phosphorus is limiting nutrient if N/P > 20
Nitrogen is limiting nutrient if N/P < 10

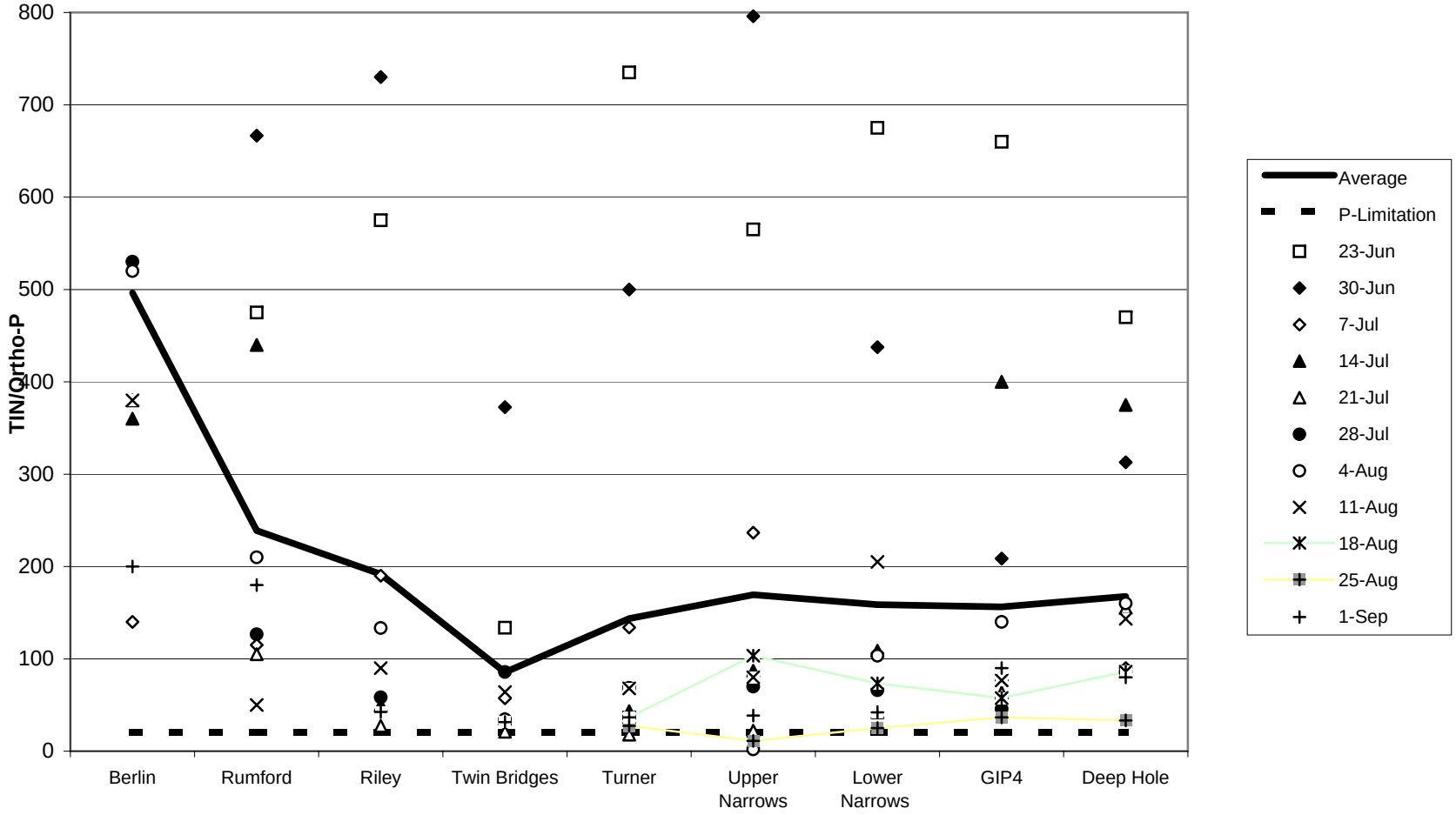
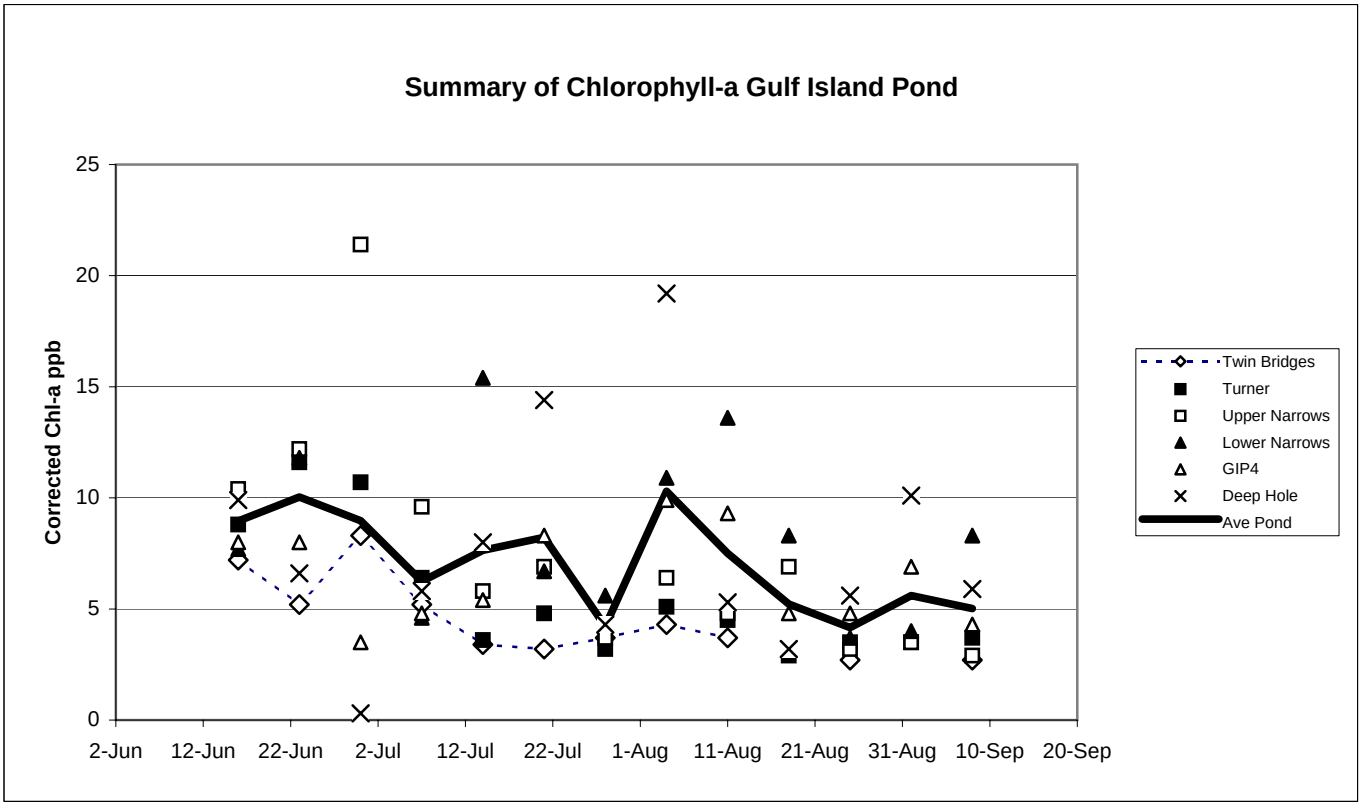


Figure 15 Summary of Chlorophyll-a Measurements for Gulf Island Pond and Dead River



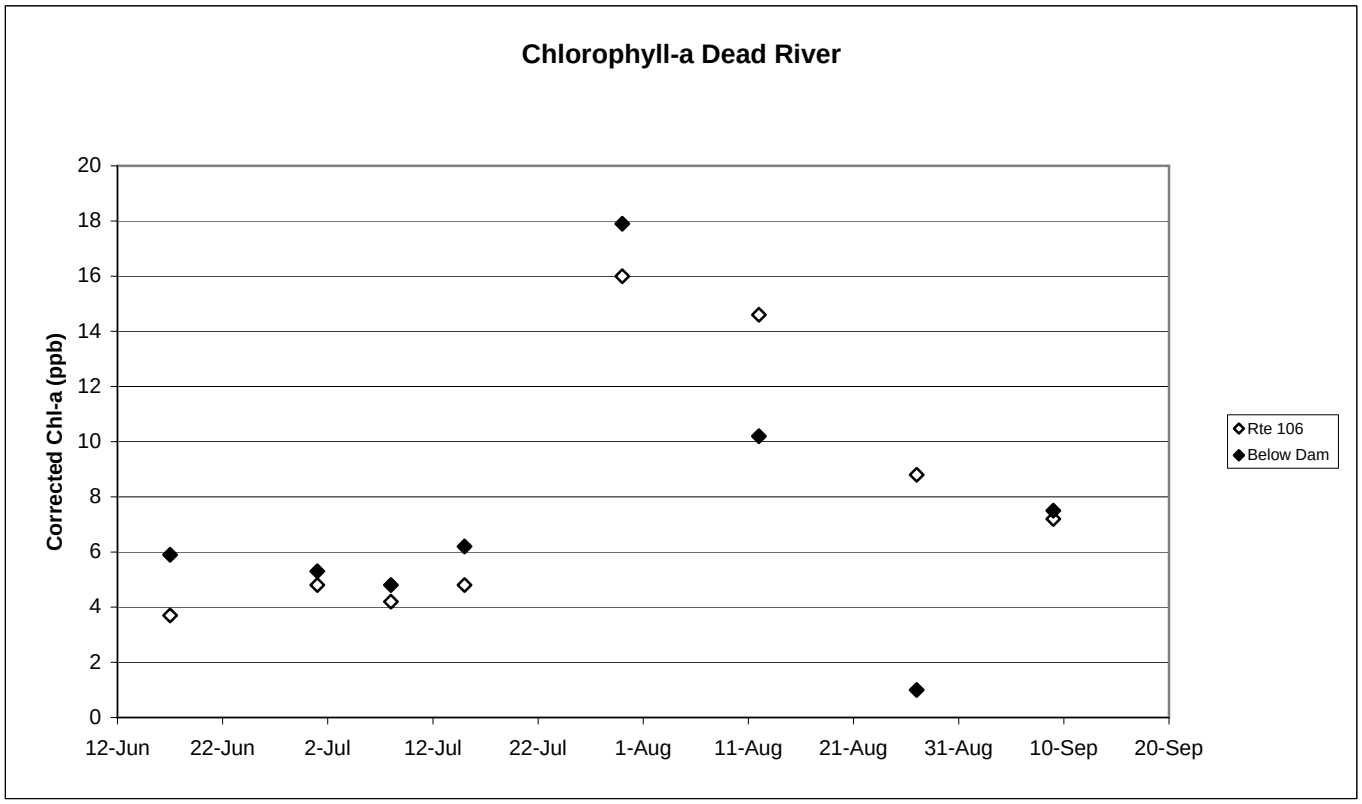


Figure 16
True Color Androscoggin River and Gulf Island Pond

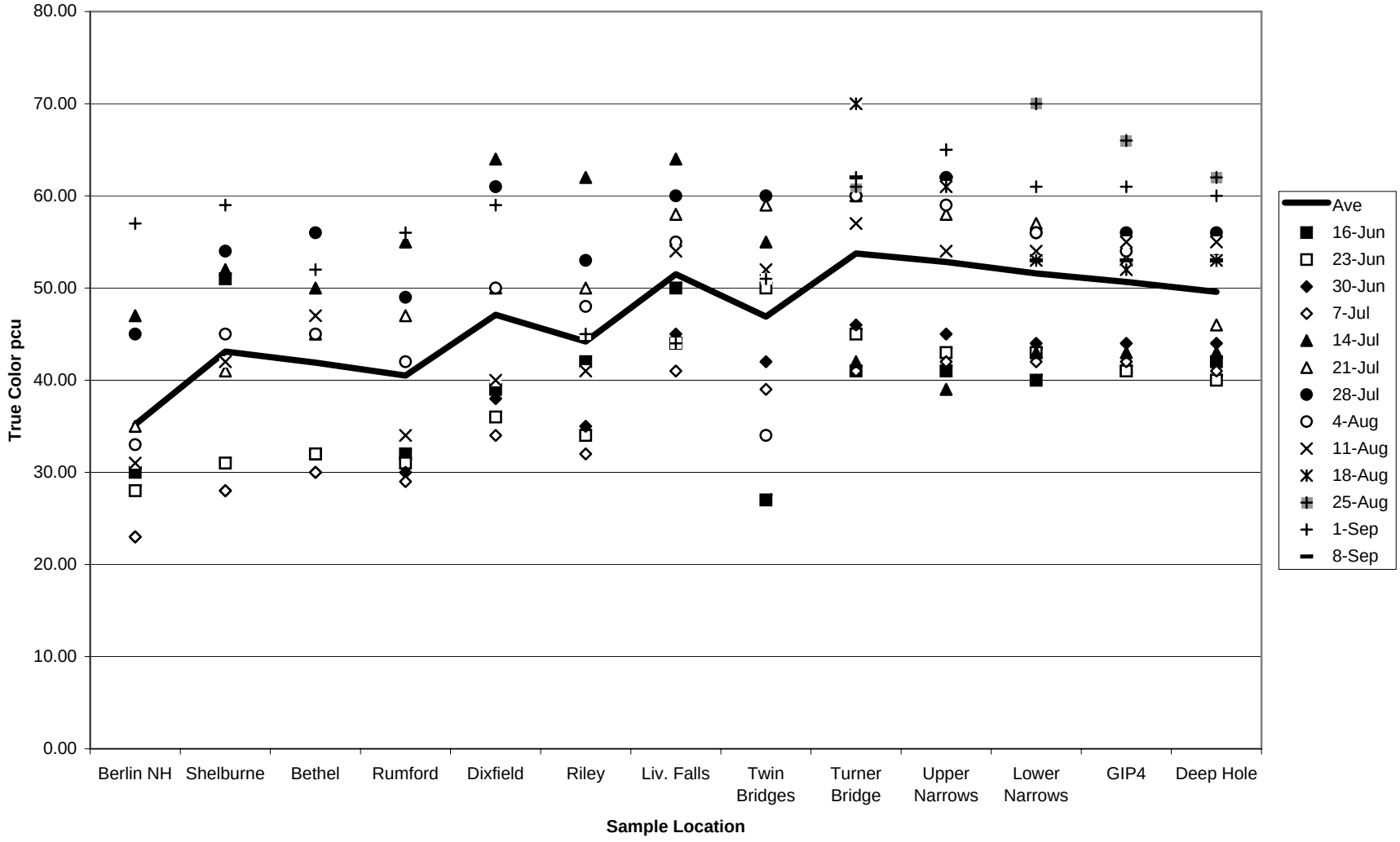
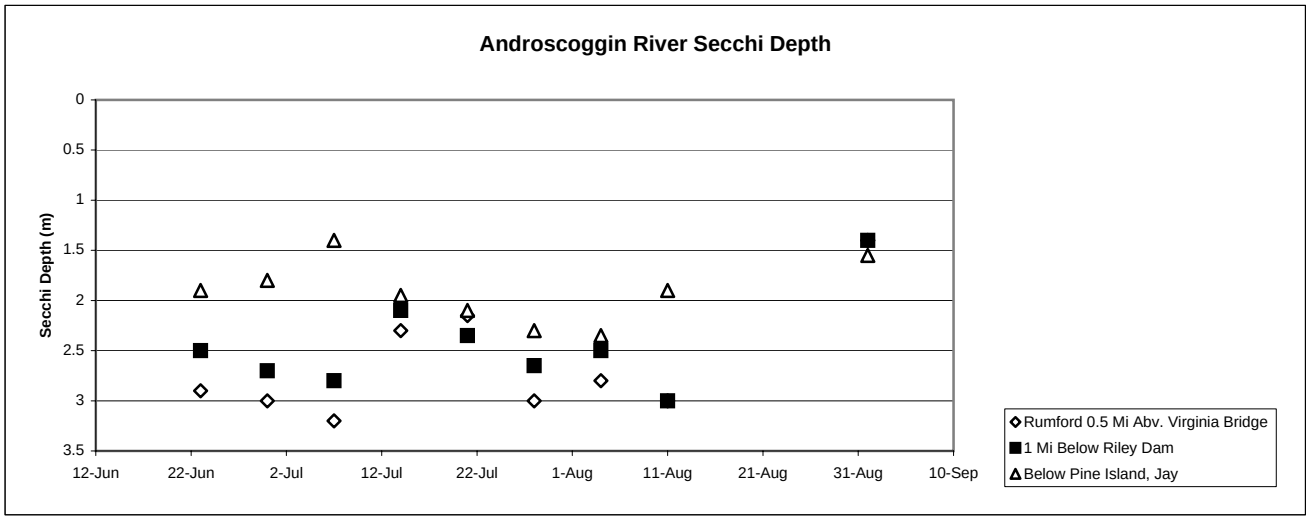
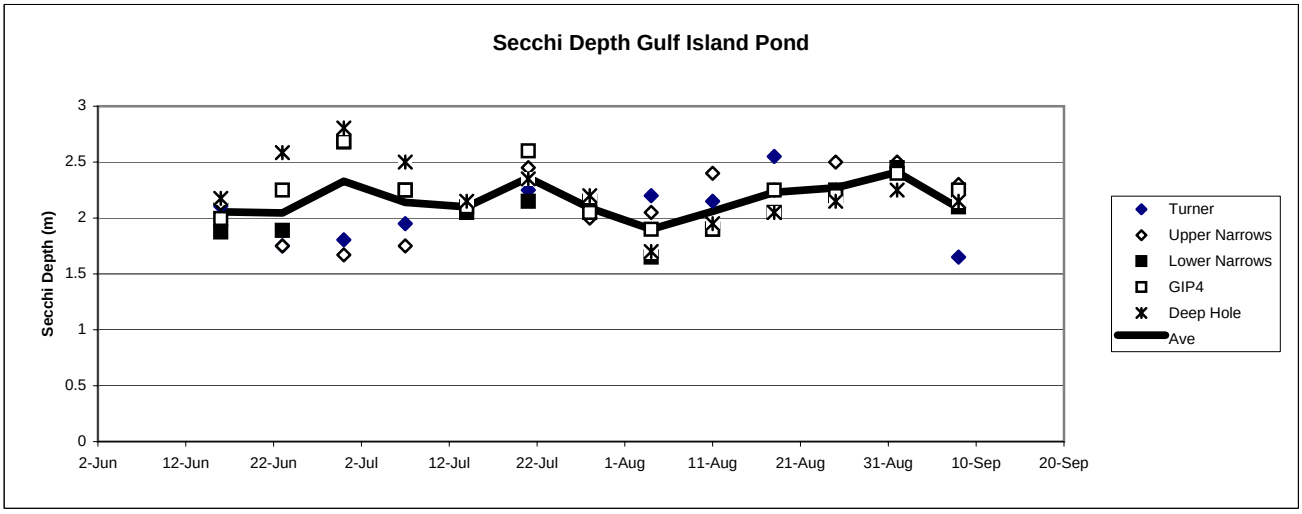


Figure 17 Summary of Secchi Depth Transparency Summer - 2004





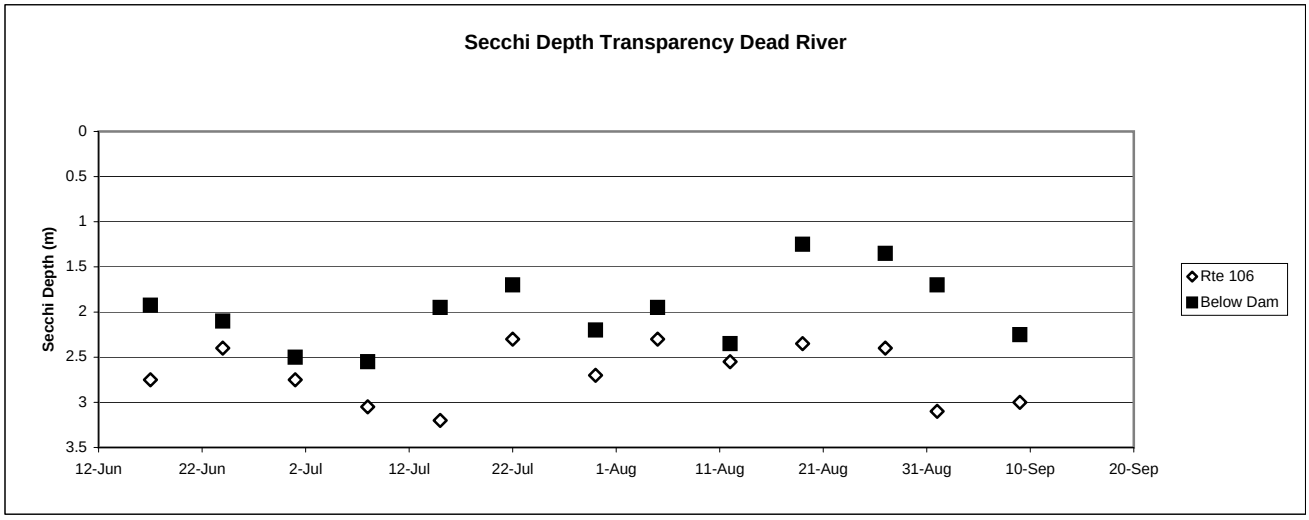


Figure 18
Average Point Source Phosphorus Discharged to Androscoggin River
Summer 2004

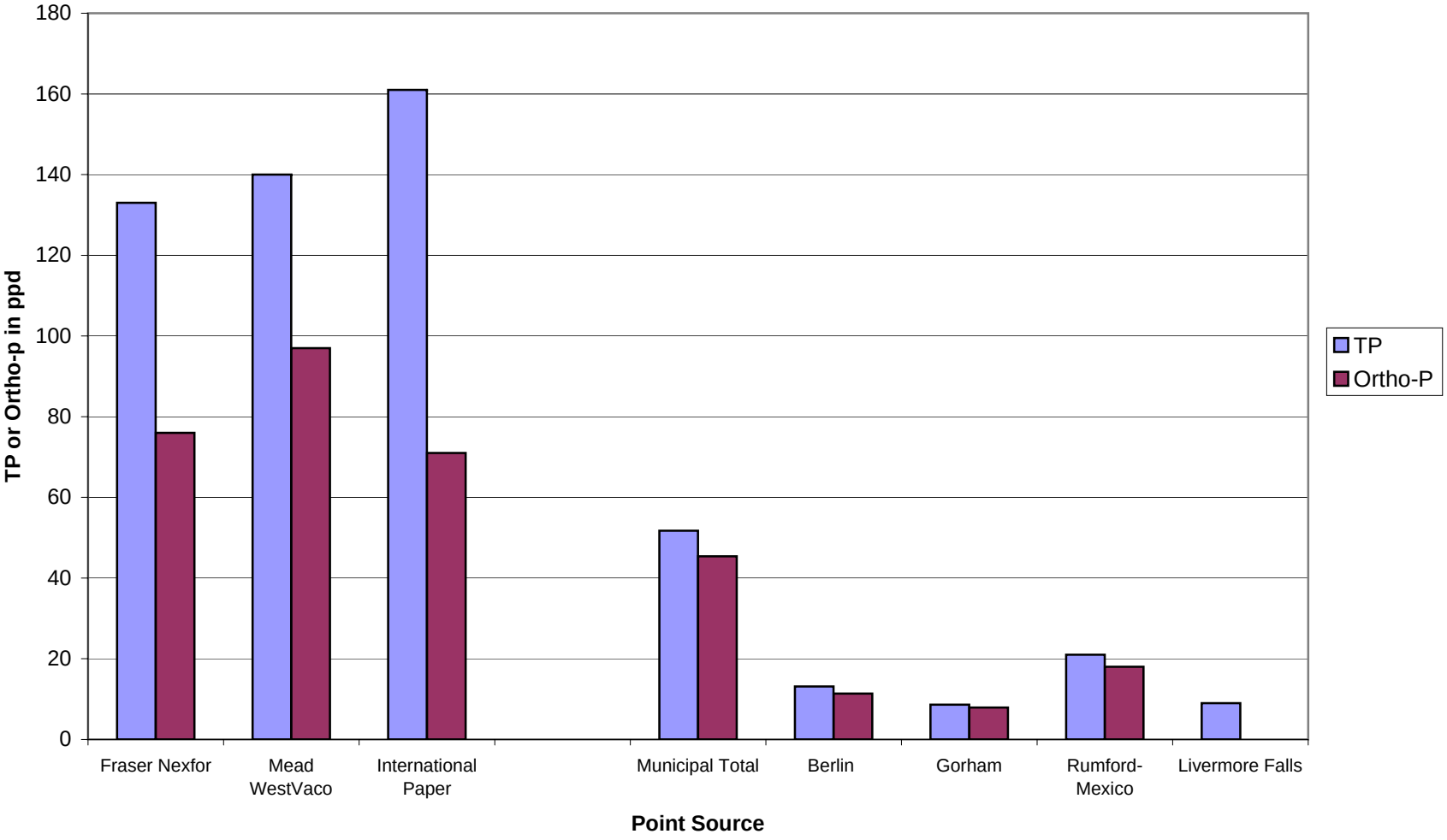
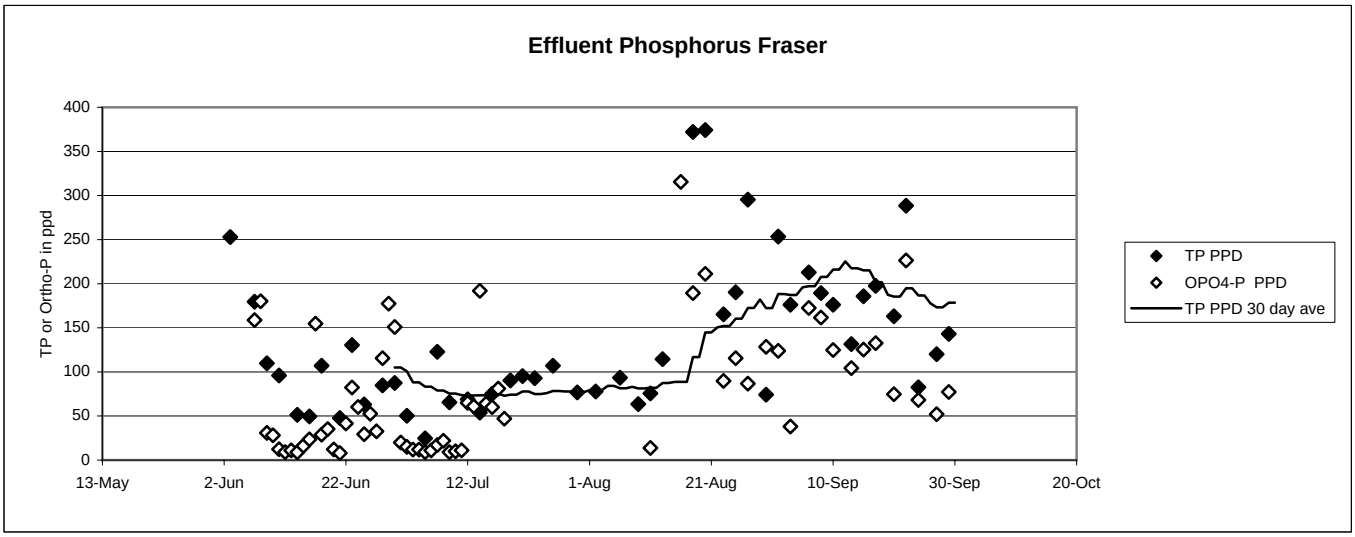
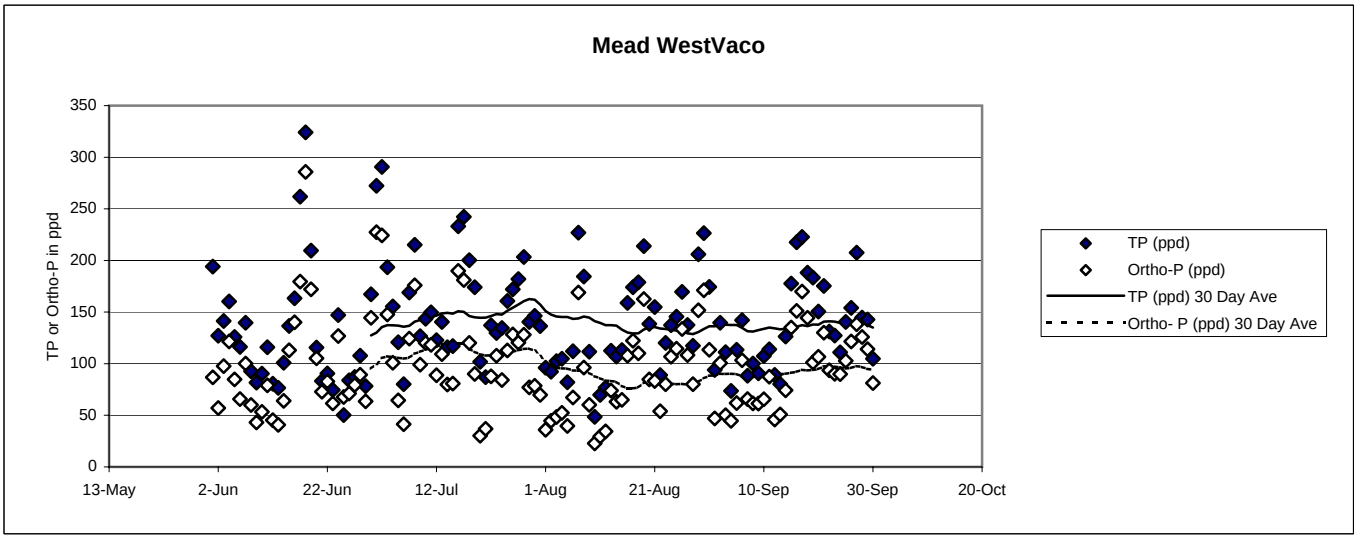


Figure 19 Paper Mill Effluent Phosphorus Loads





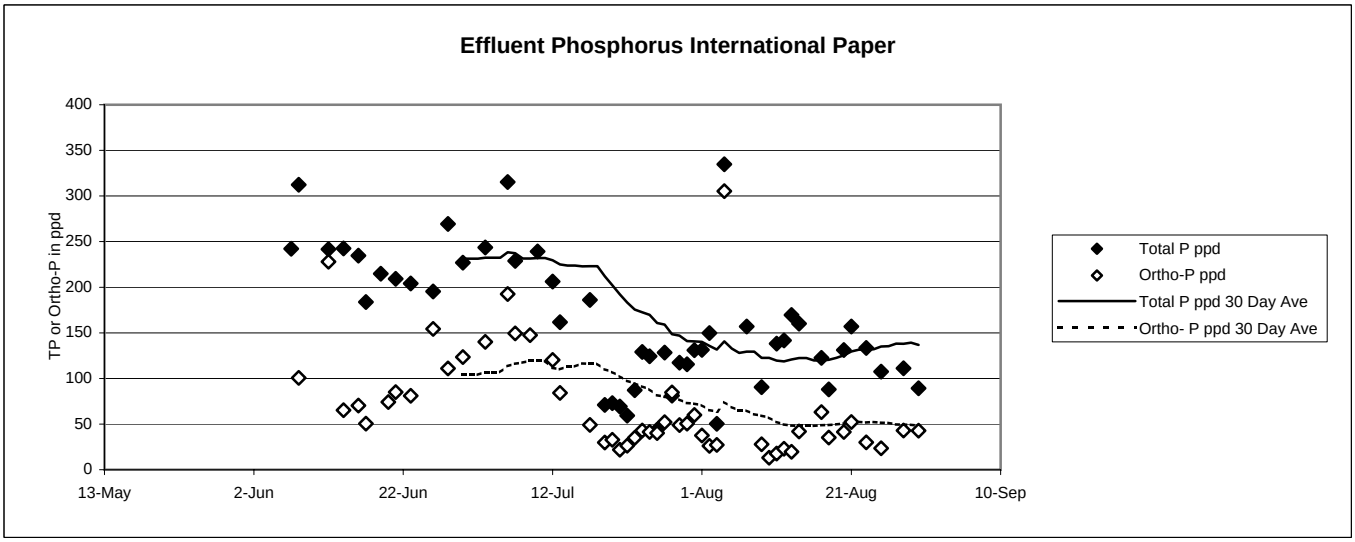
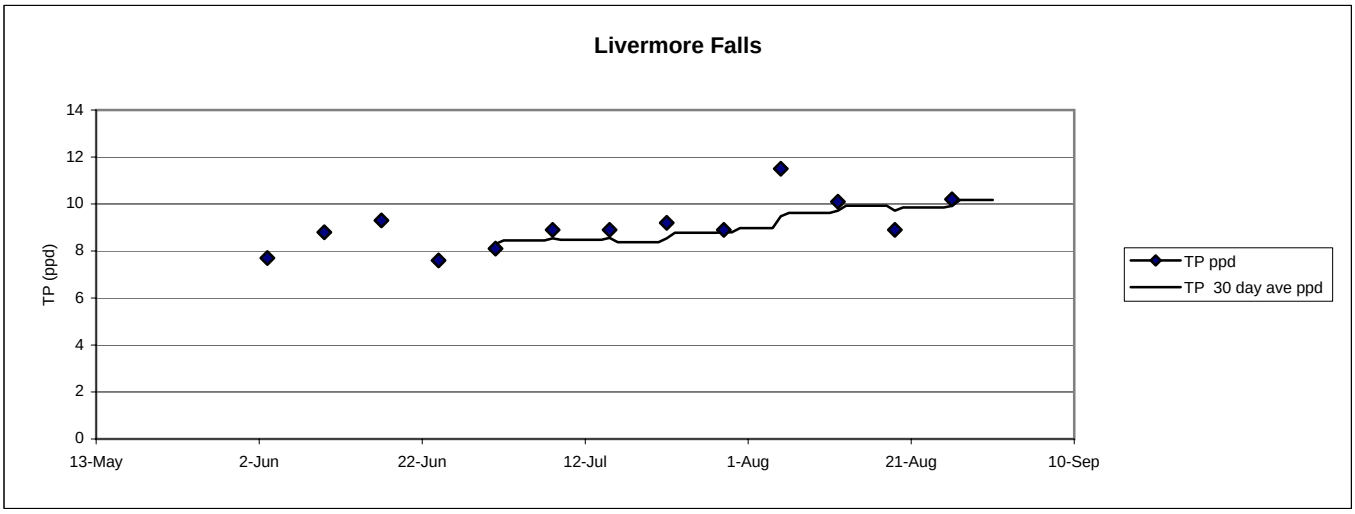


Figure 20 Municipal Effluent Phosphorus Loads



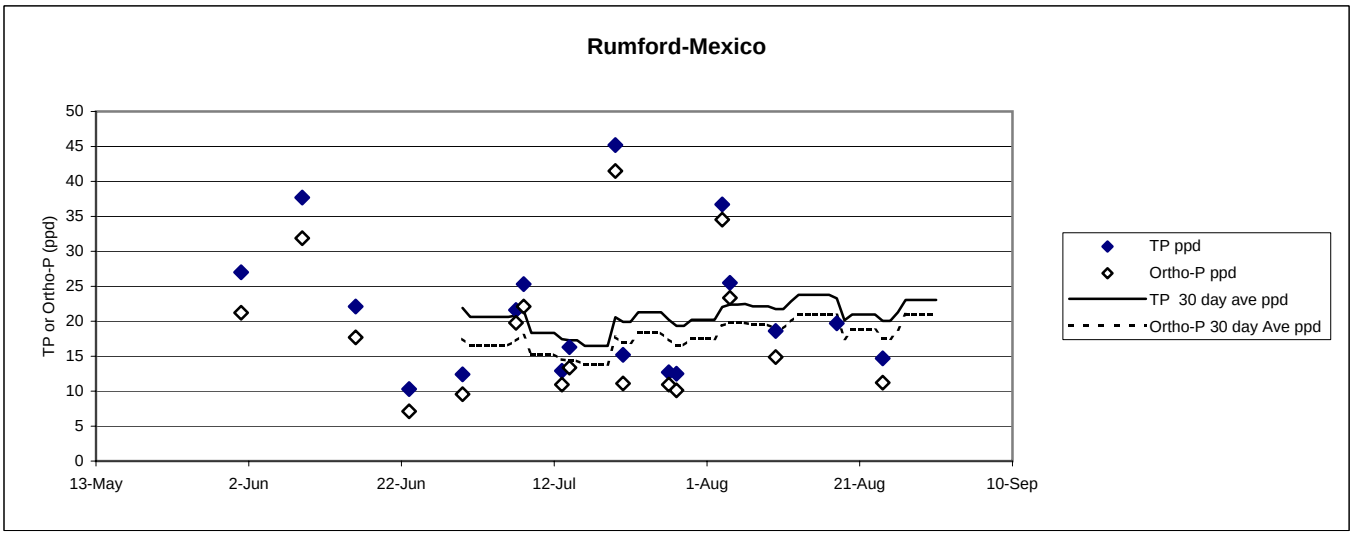


Figure 21
Comparison of Measured Summer True Color 1989 Vs 2004
Androscoggin River and Gulf Island Pond

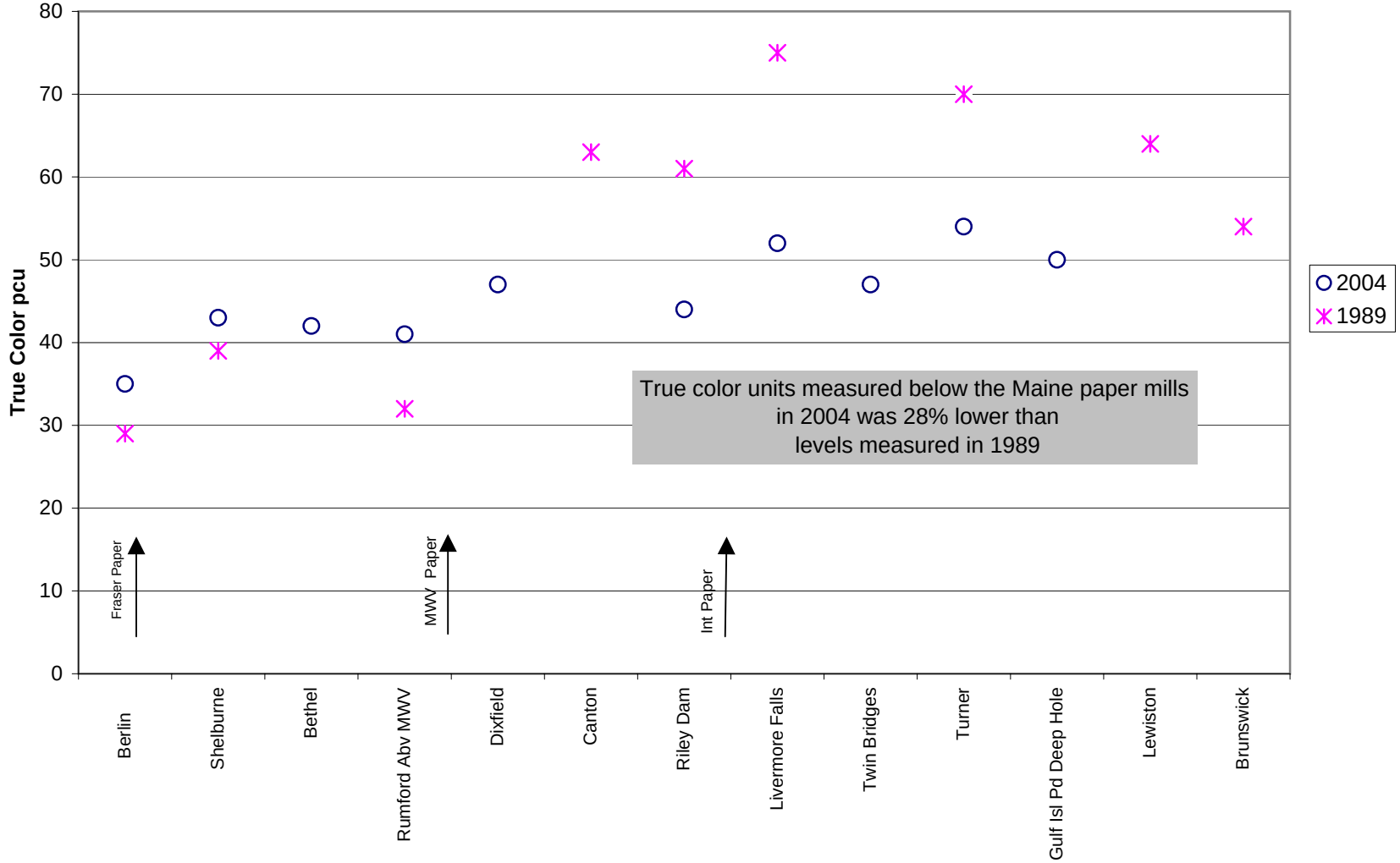
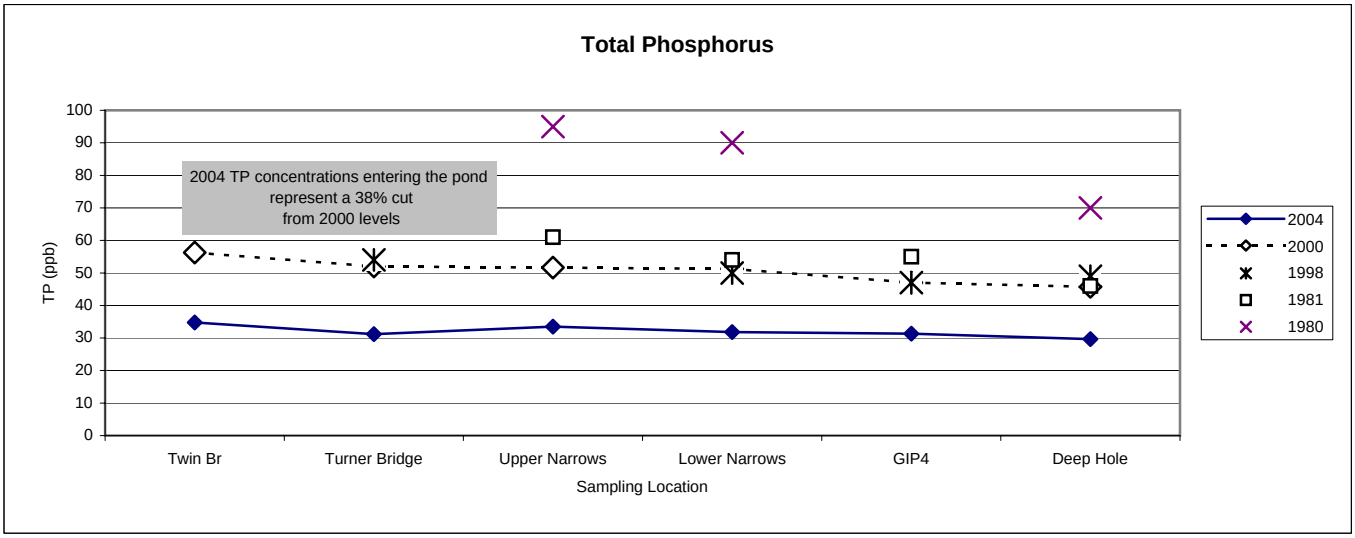
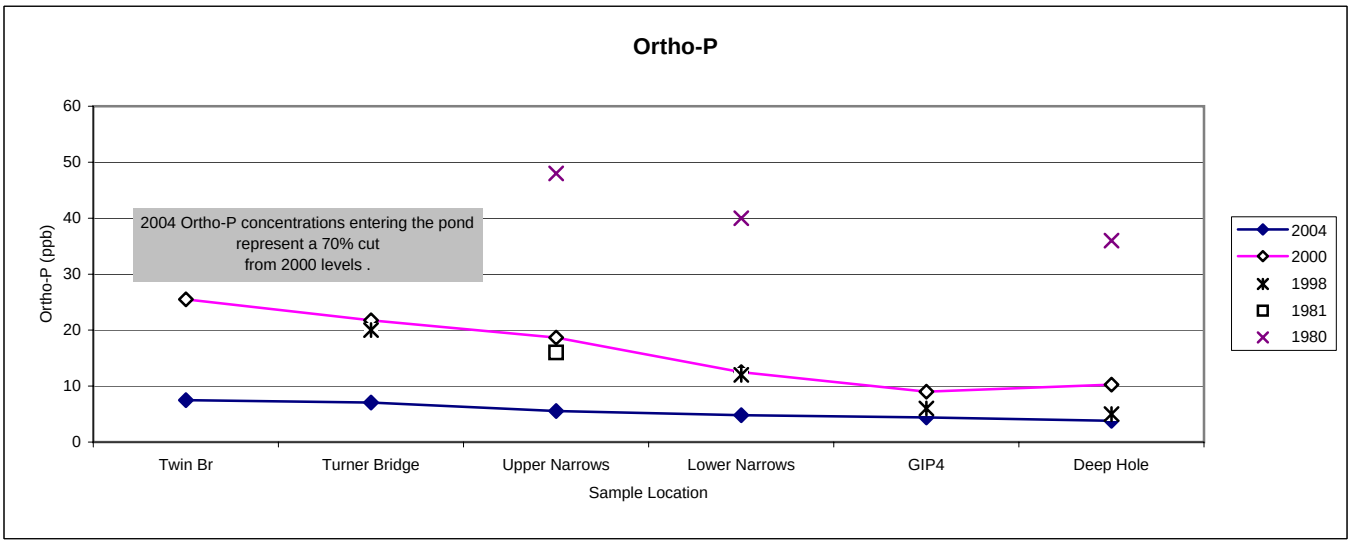


Figure 22 Comparison of Androscoggin River 2004 Data to Historical Data





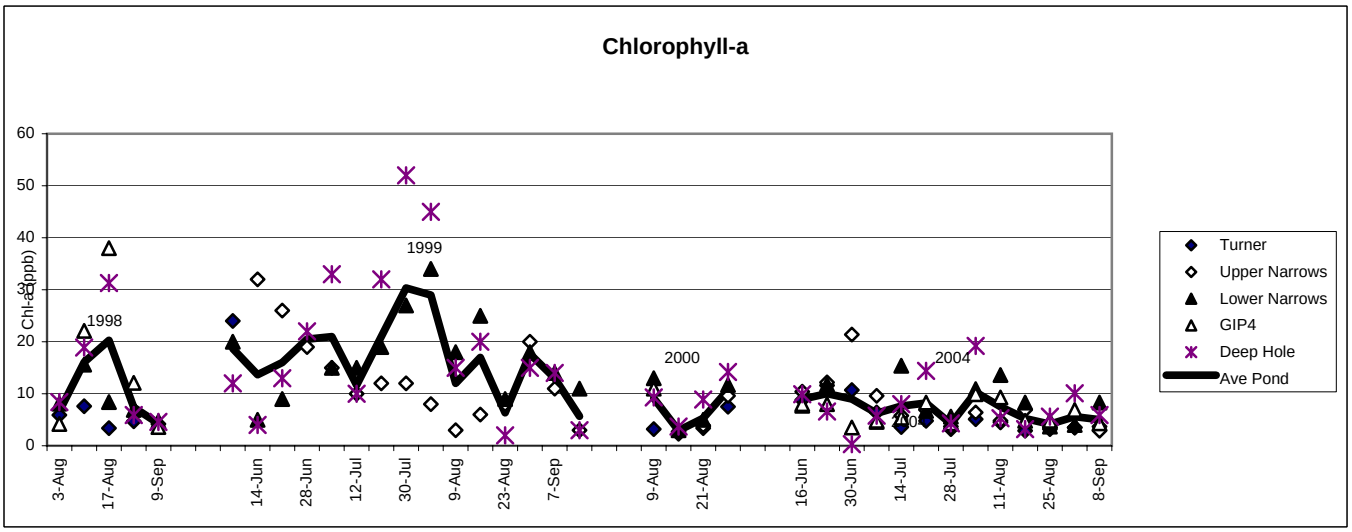


Figure 23
Comparison of RIver Flow and Temperature to Minimum Dissolved Oxygen Nonattainment at Gulf Island Dam 50' Depth

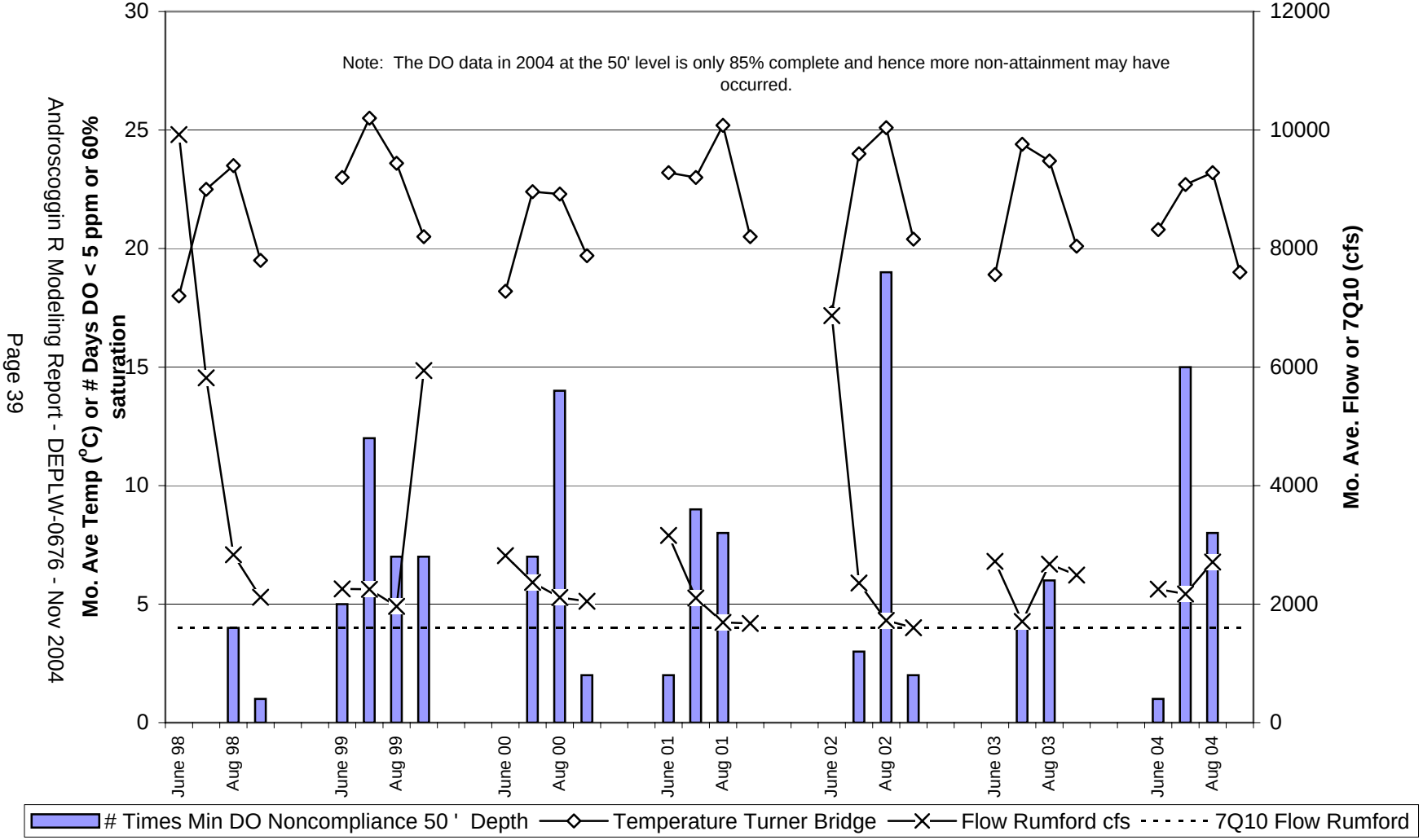
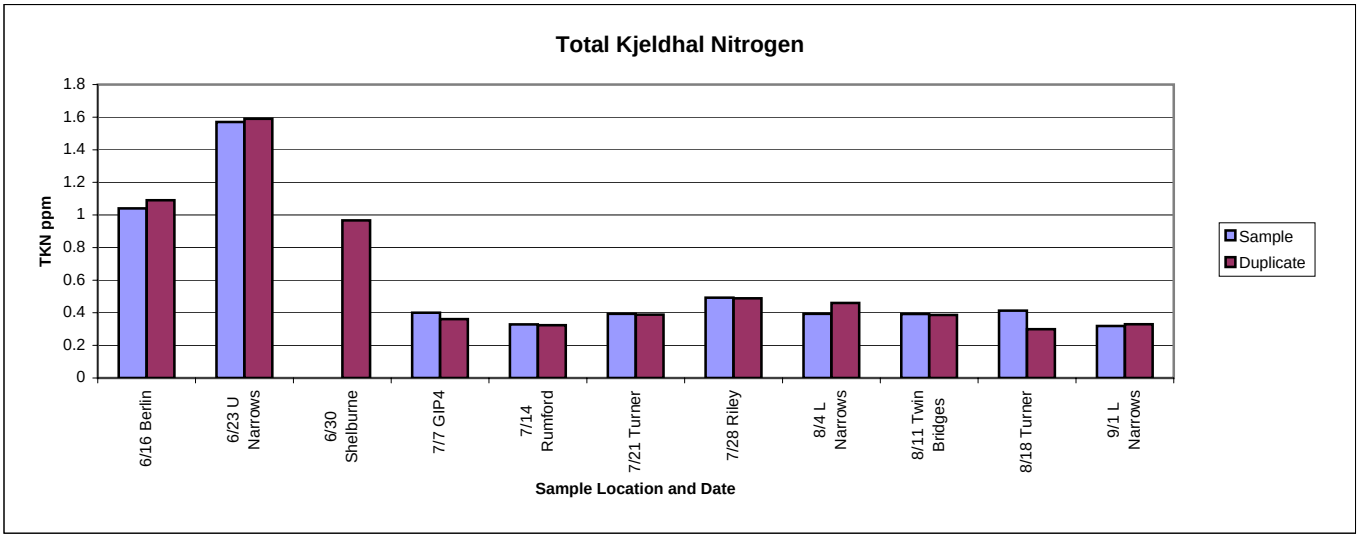
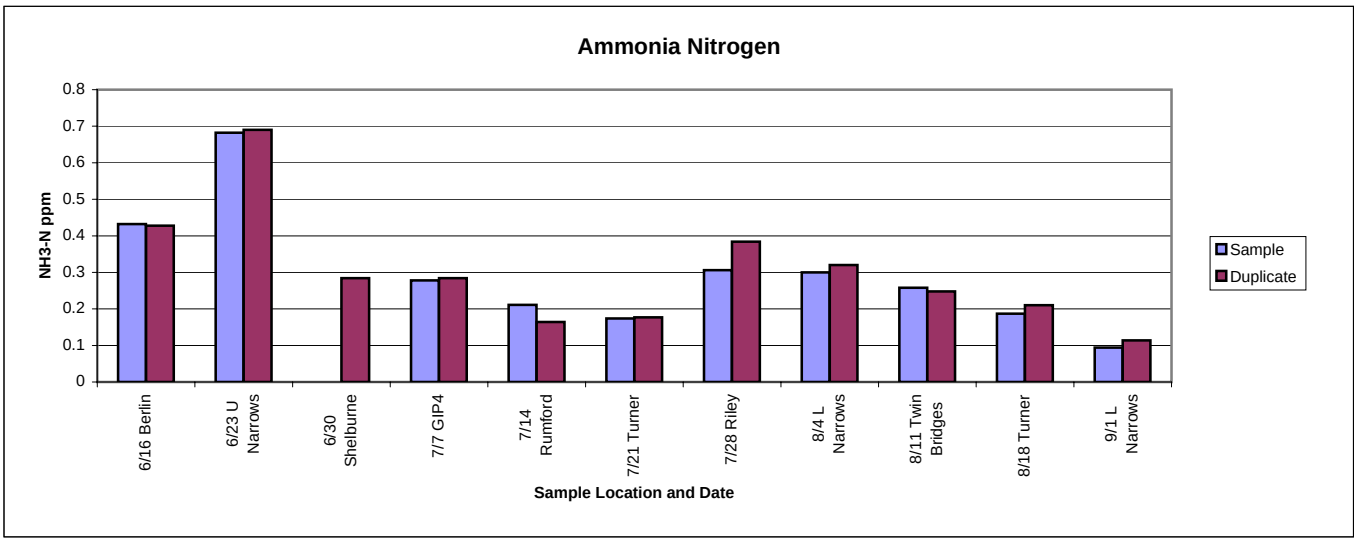


Figure 24 - Duplicate Sampling Nitrogen





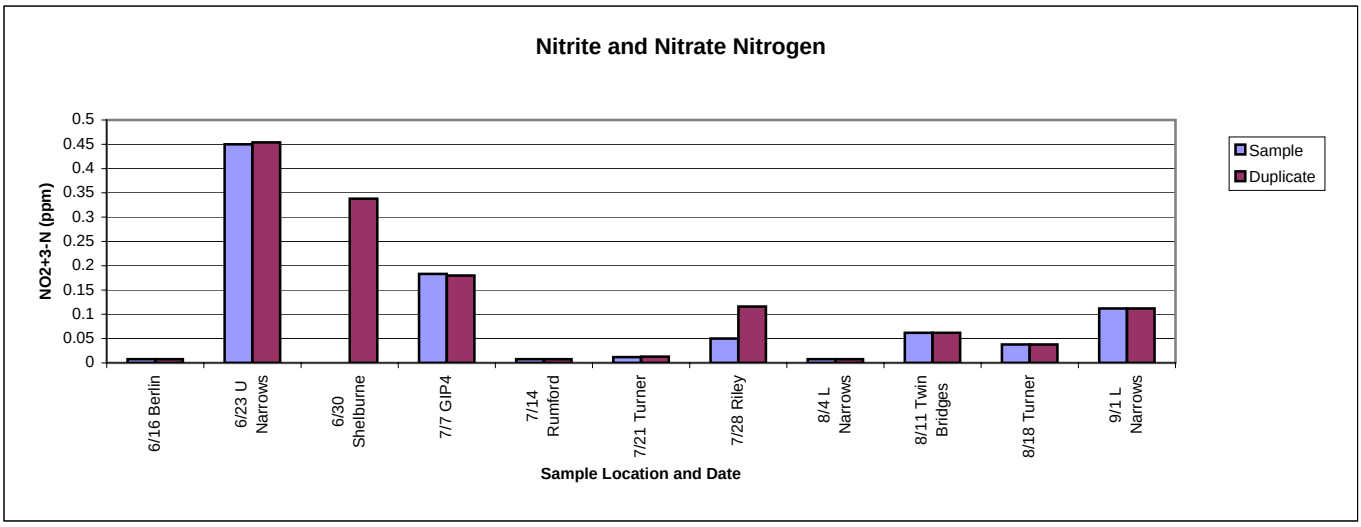
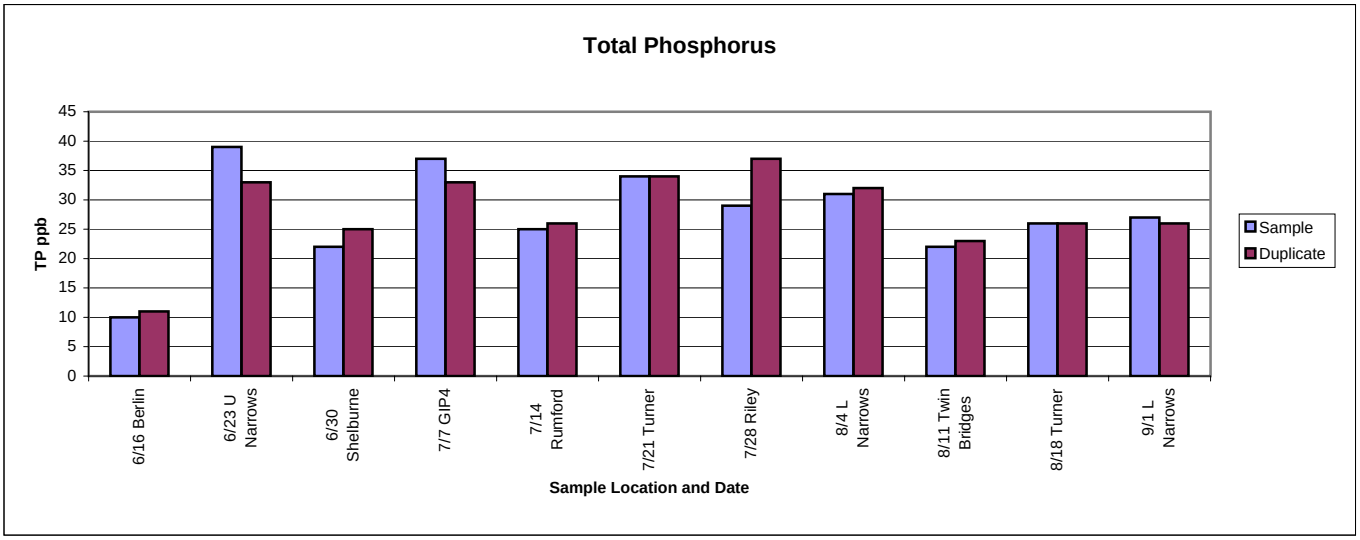
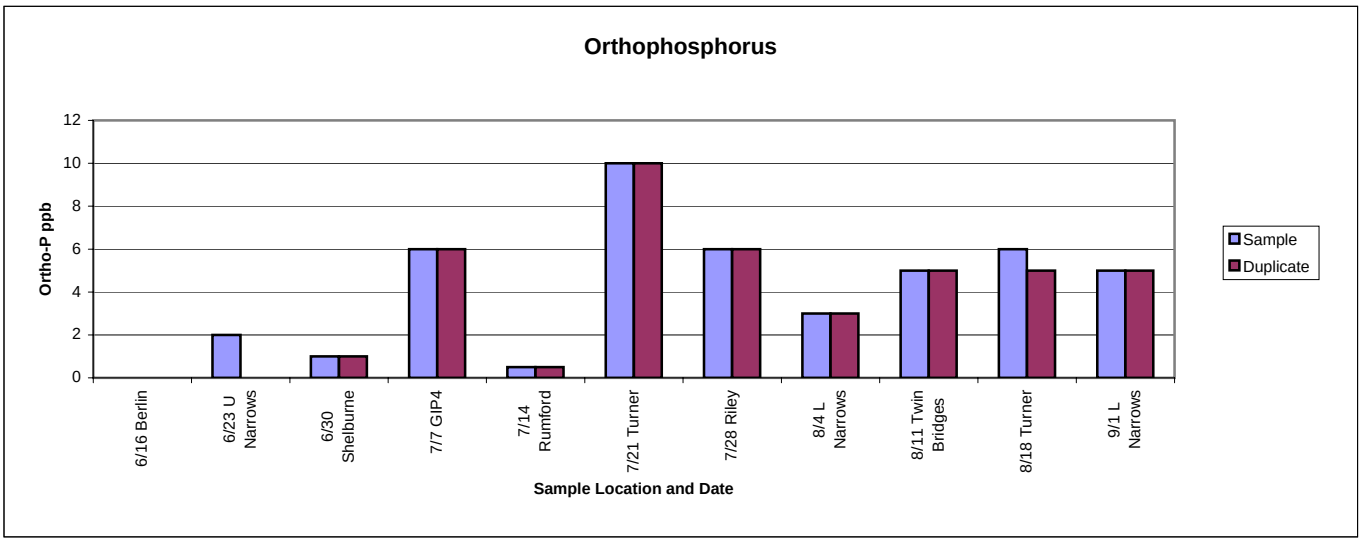


Figure 25 - Duplicate Sampling Phosphorus and Chlorophyll-a





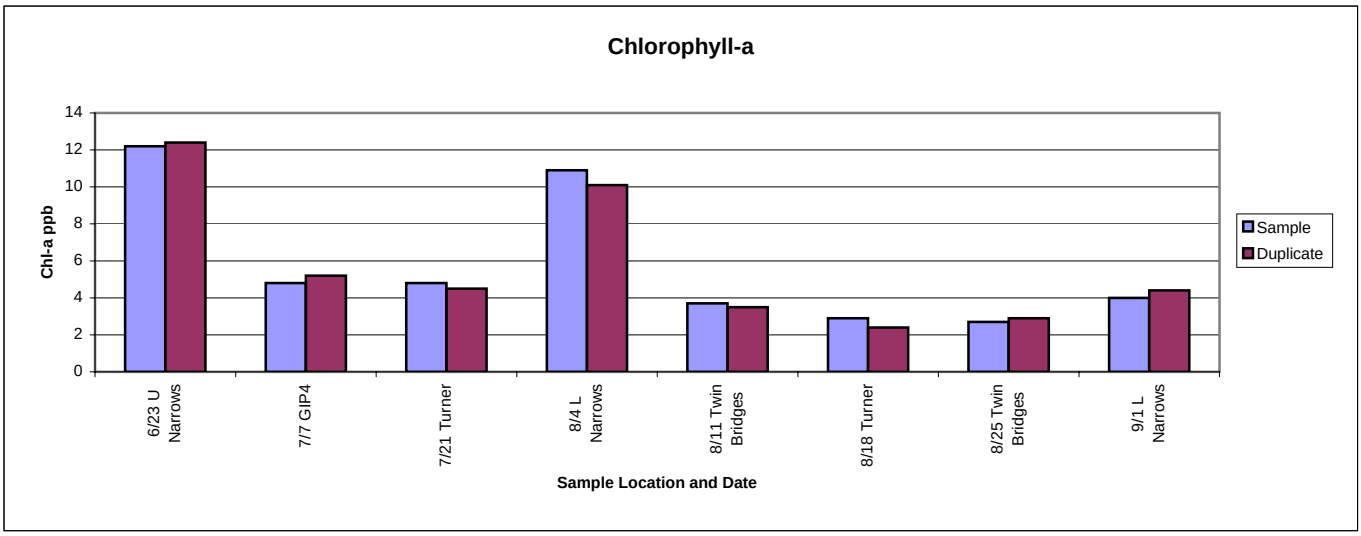
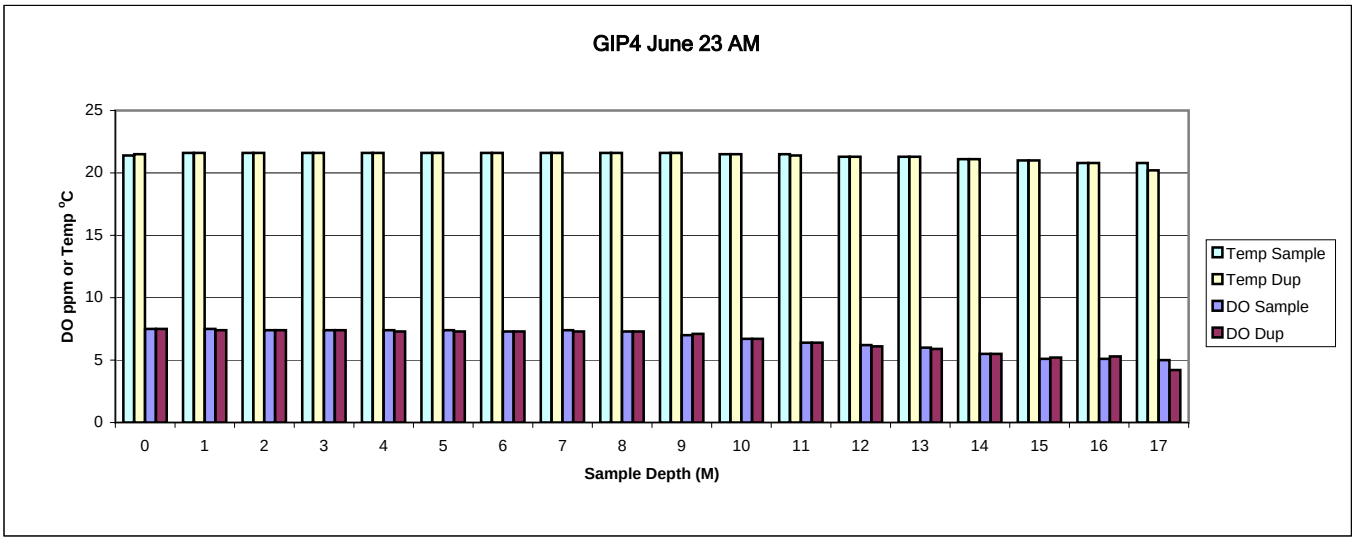
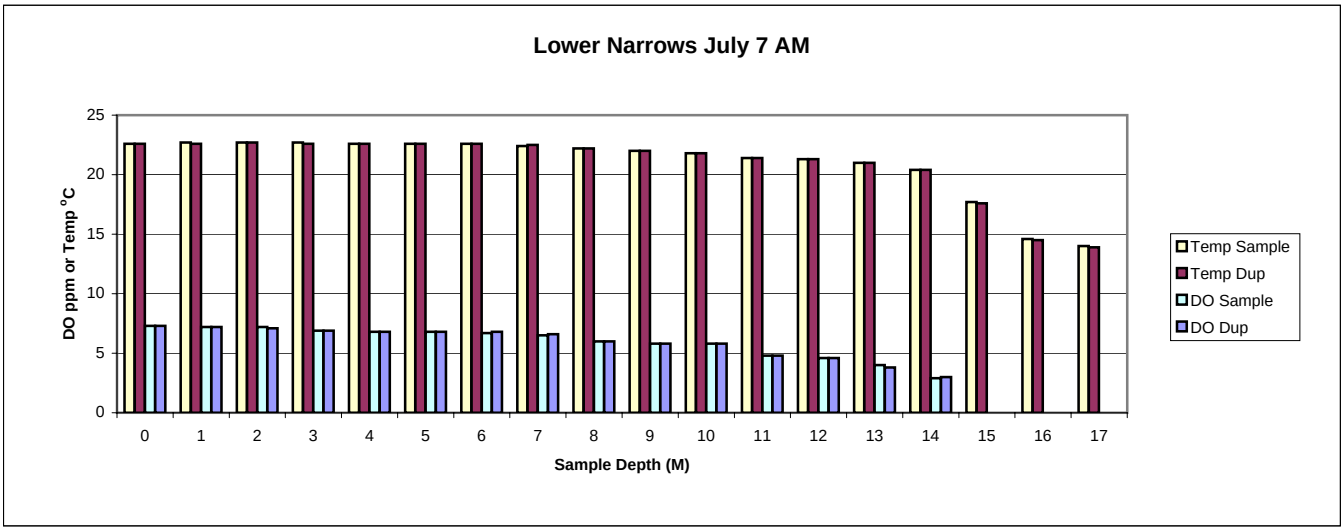


Figure 26 - Duplicate Sampling Dissolved Oxygen and Temperature





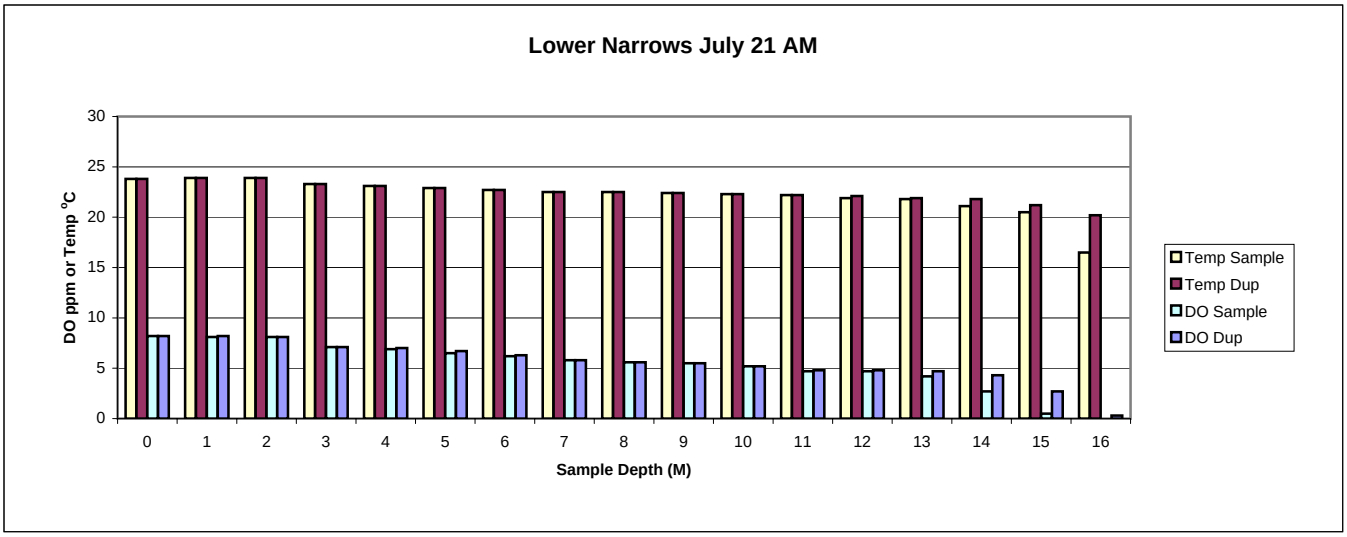
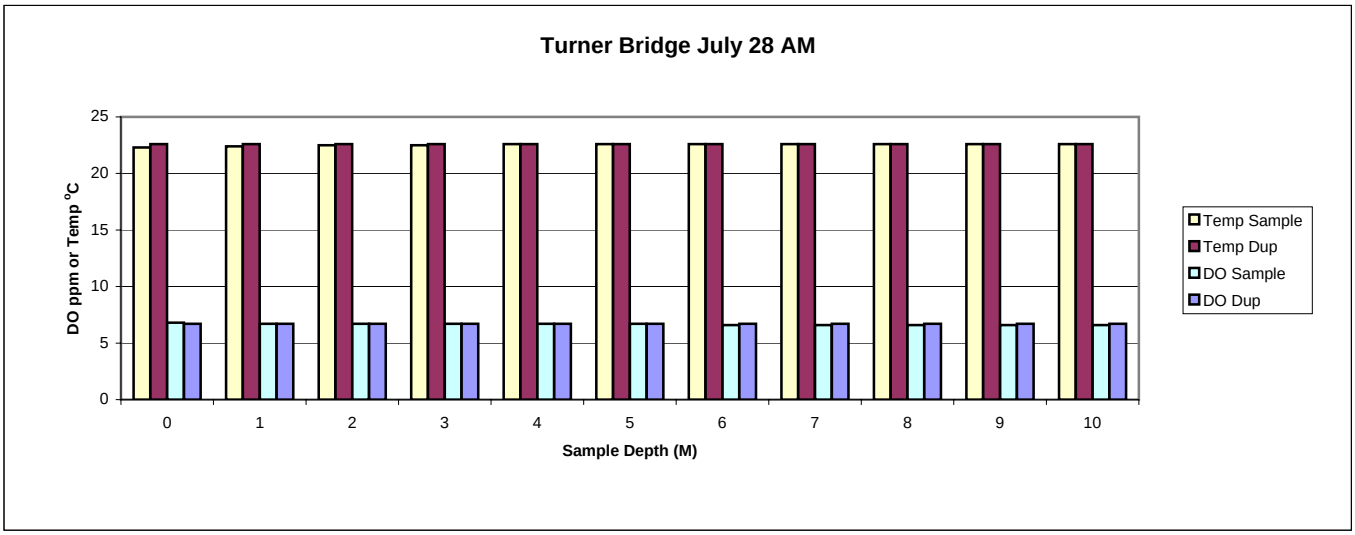
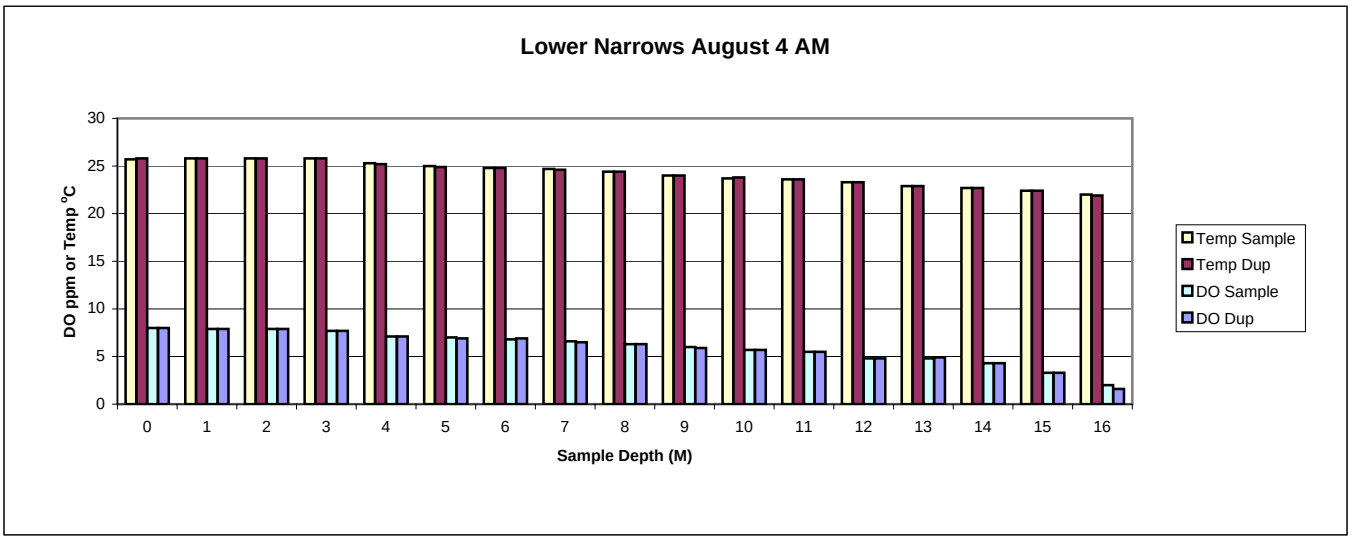


Figure 26 - Duplicate Sampling Dissolved Oxygen and Temperature





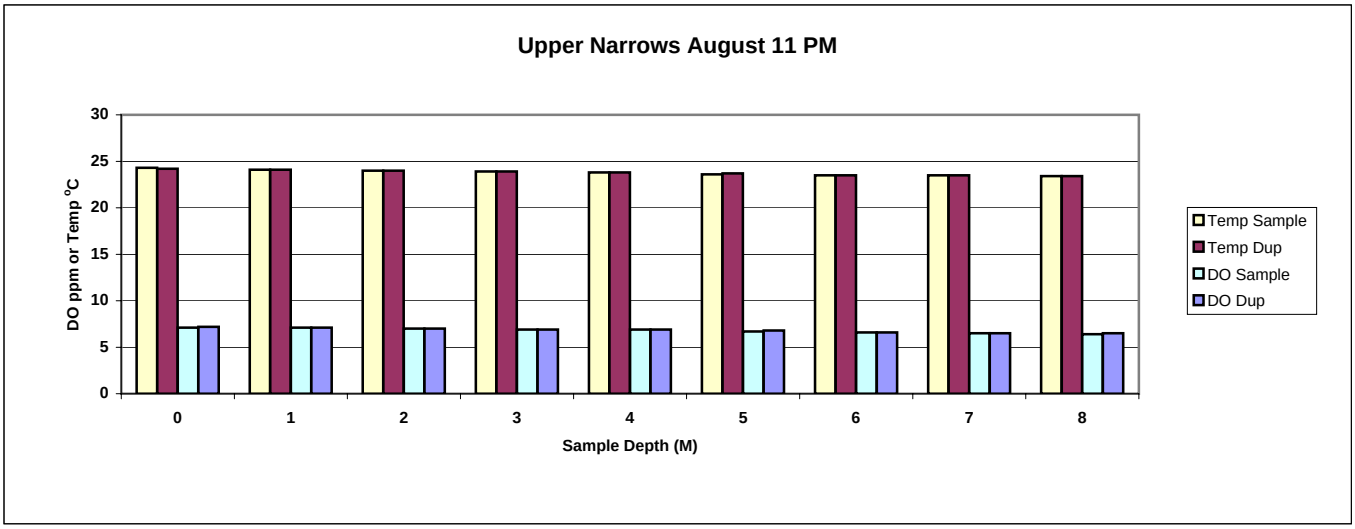
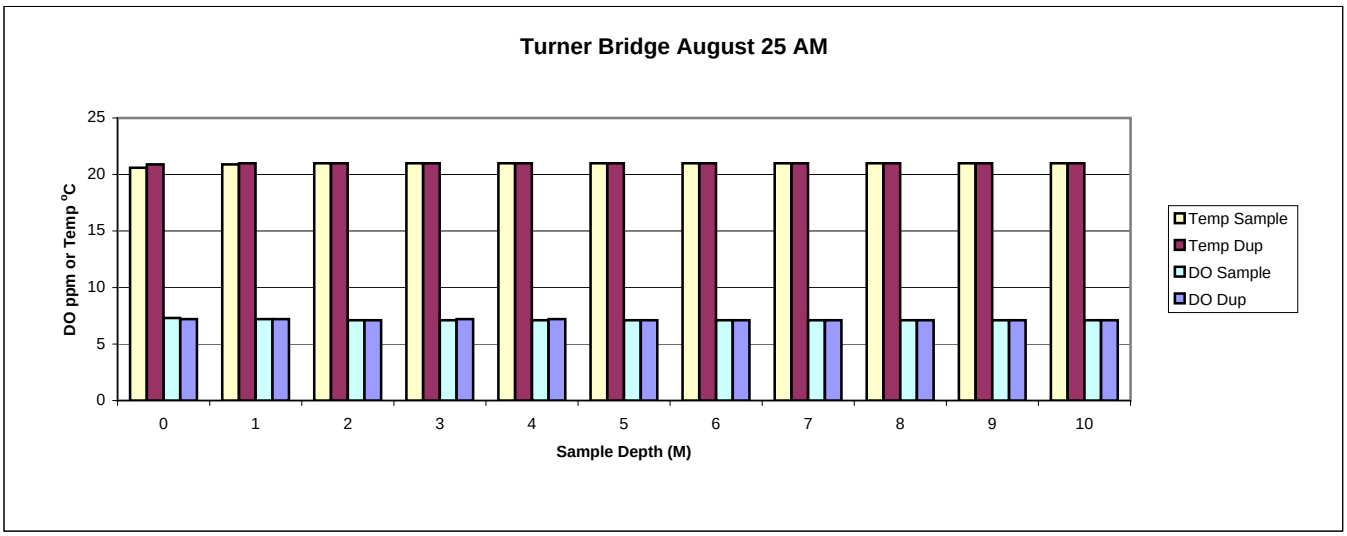
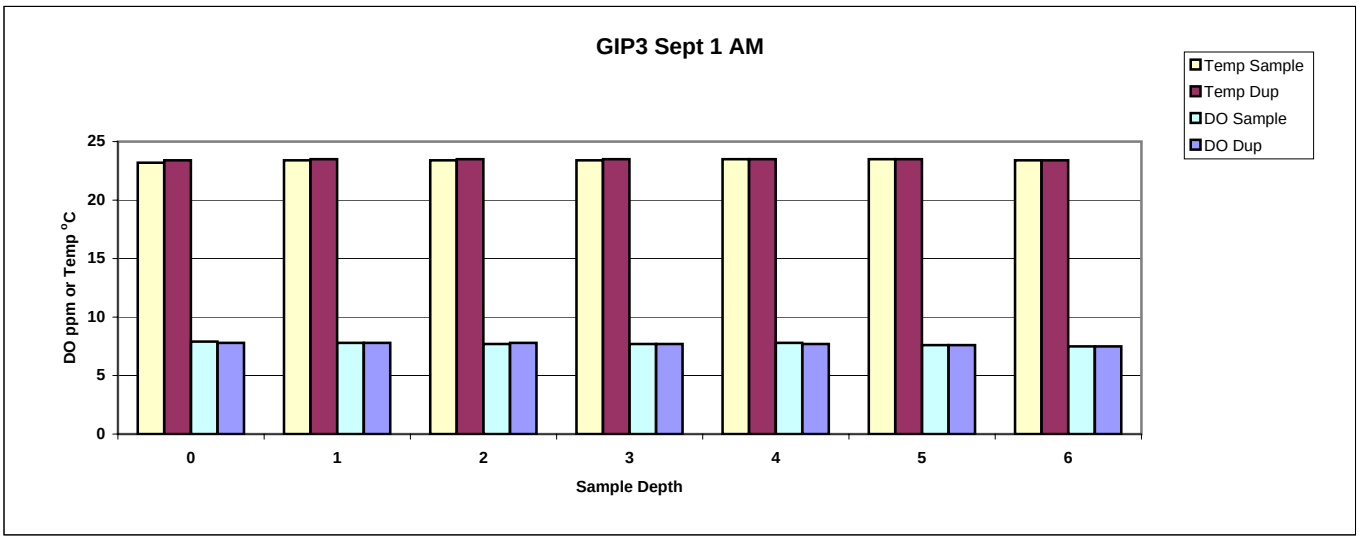


Figure 26 - Duplicate Sampling Dissolved Oxygen and Temperature





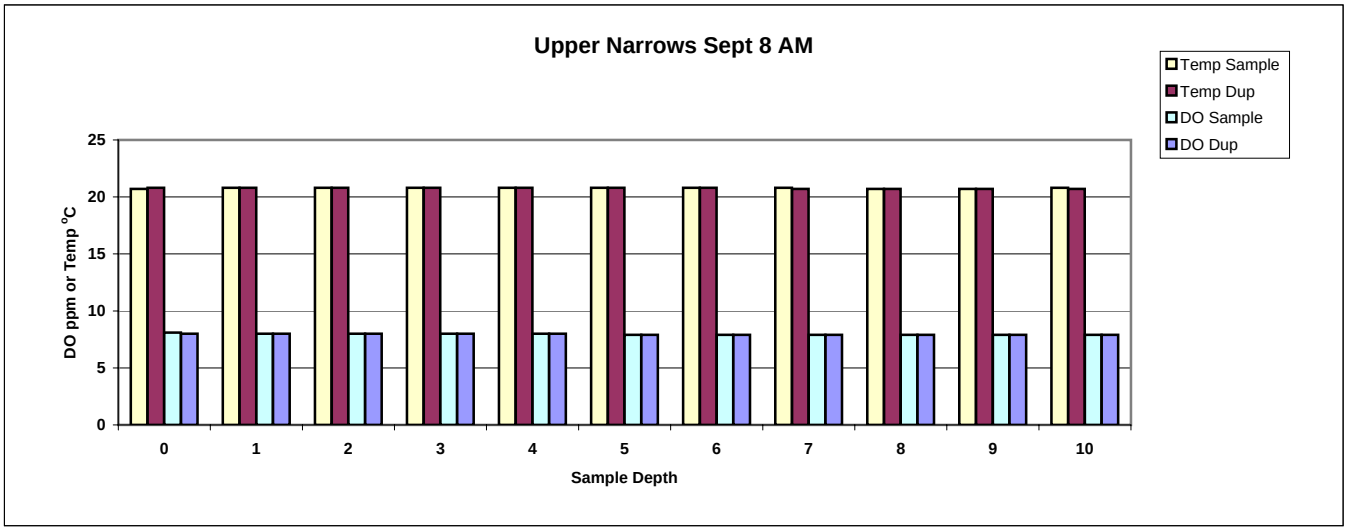
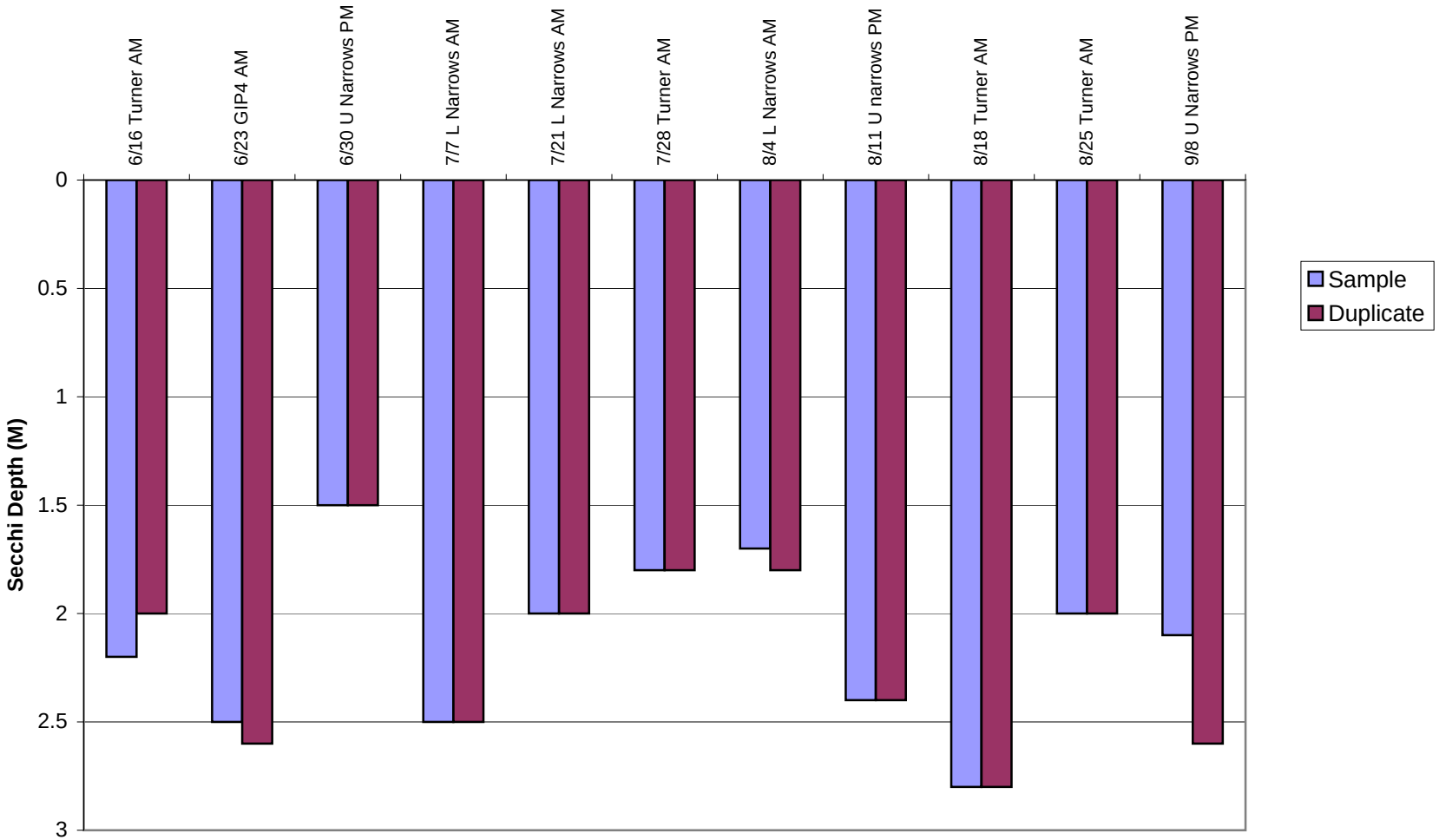



Figure 27
Duplicate Sampling Secchi Depth Transparency