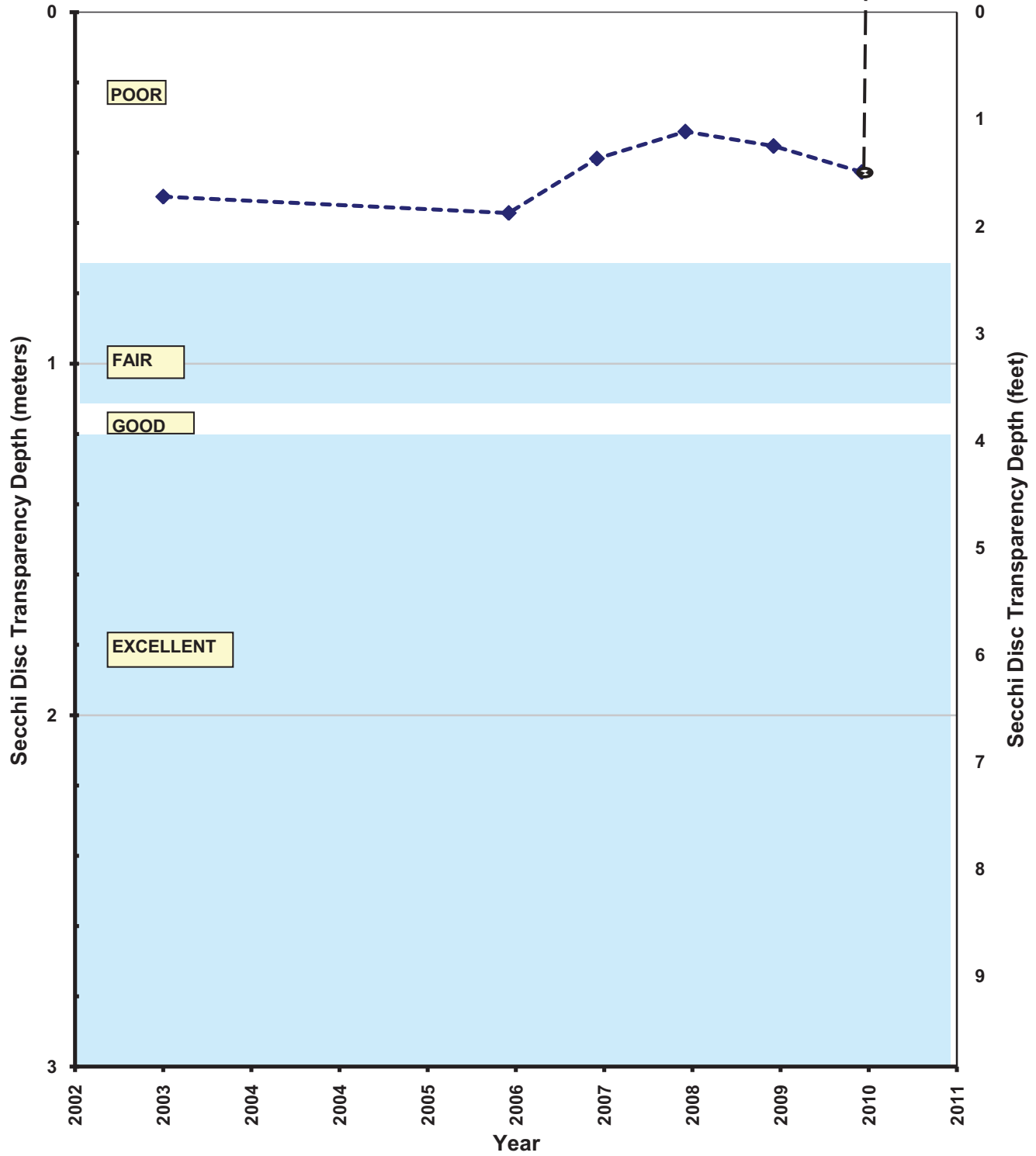
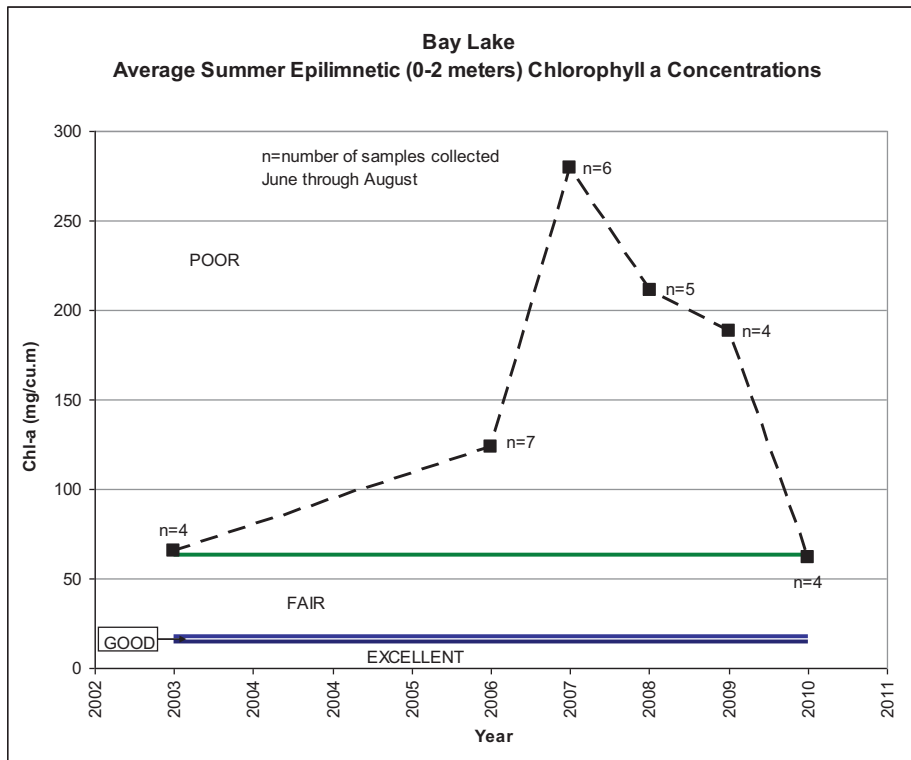
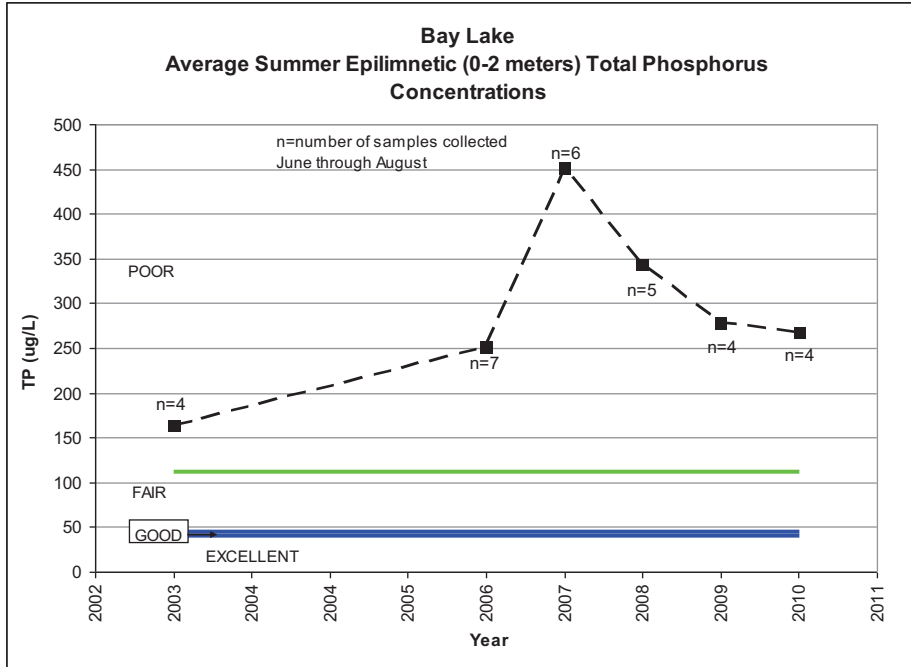


Bay Lake

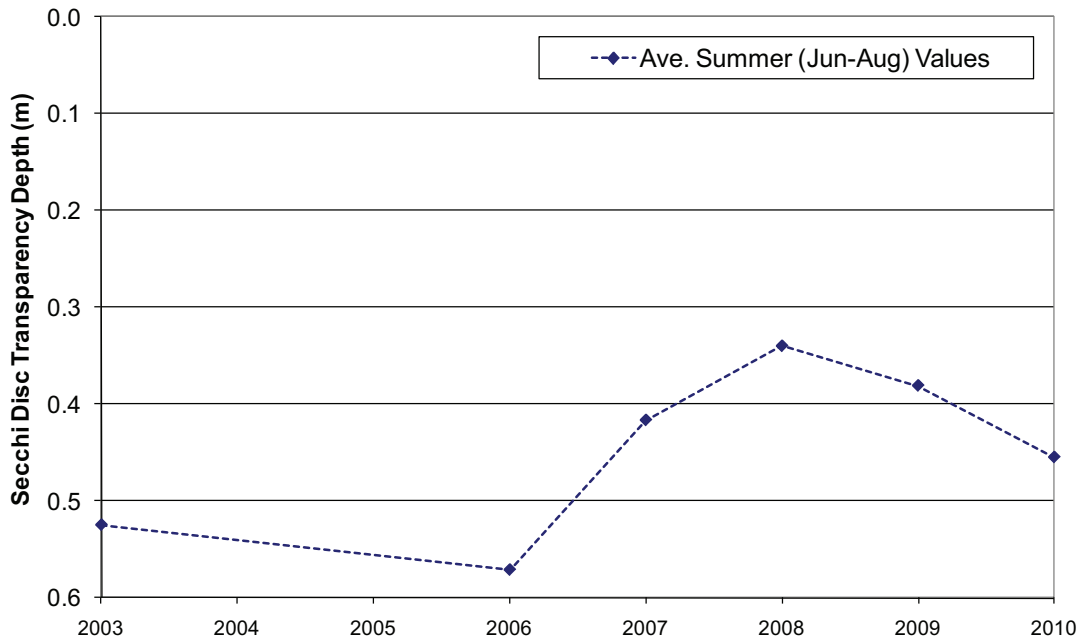


BAY LAKE
SUMMER AVERAGE WATER CLARITY
Valley Branch Watershed District



**BAY LAKE
HISTORIC WATER QUALITY DATA
Valley Branch Watershed District**

**Bay Lake
Secchi Disc Transparency Depths**



**Mann-Kendall/Sen's Slope Trend Test
(Test Period – 2003 to 2010)**

Confidence Level	Test Statistic = -5	
	Test	Significance
99%	-6 > -14	Not Significant
95%	-6 > -12	Not Significant
90%	-6 > -10	Not Significant
80%	-6 > -9	Not Significant
Sen's Slope	-0.025 meters/year	

Notes:

1. Points shown in the graph are the summer average (June-August) Secchi disc transparency depths. Only years with a calculated summer average based on at least 4 measured values are plotted. At least 5 data points were required to complete the trend test.