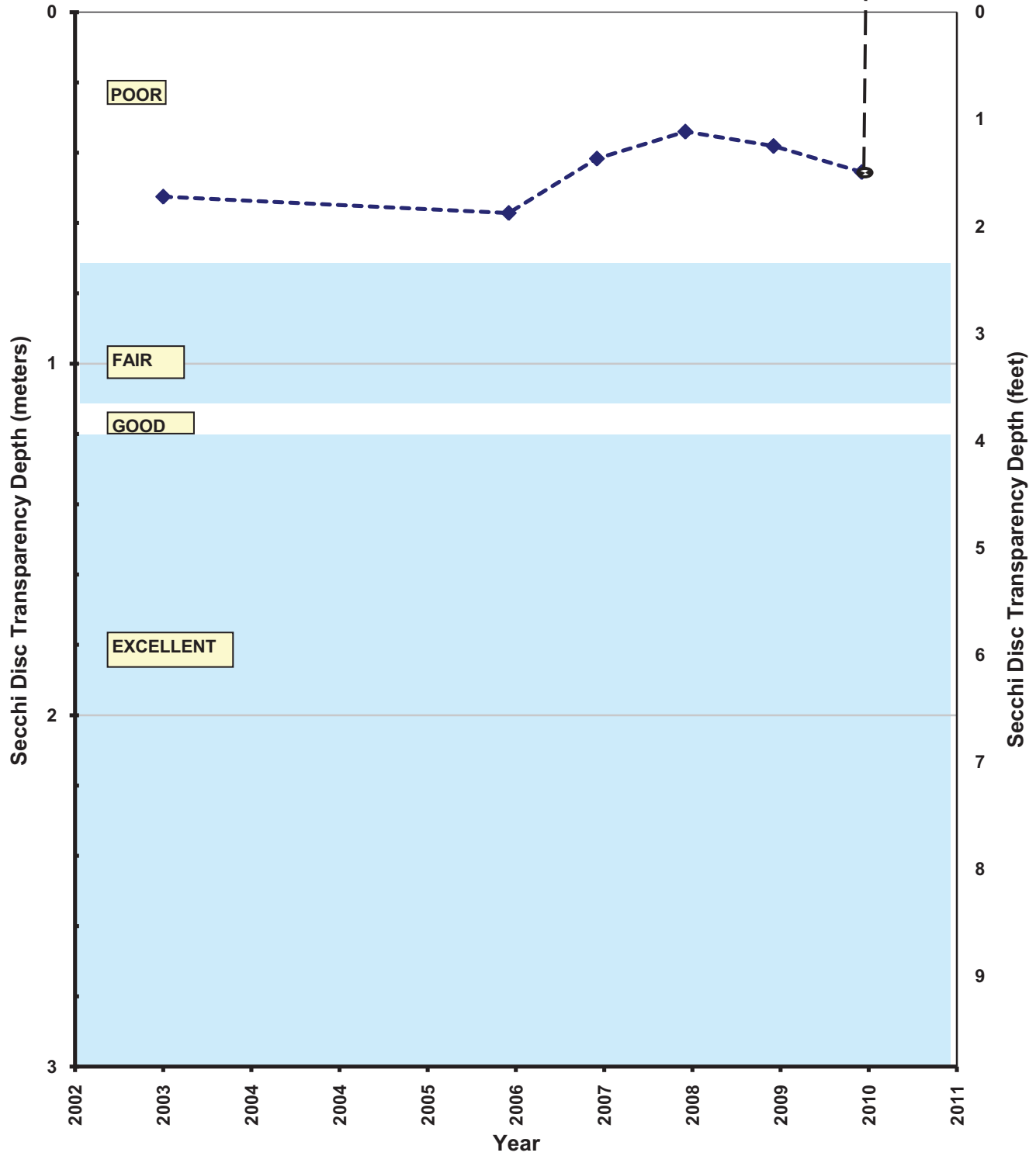
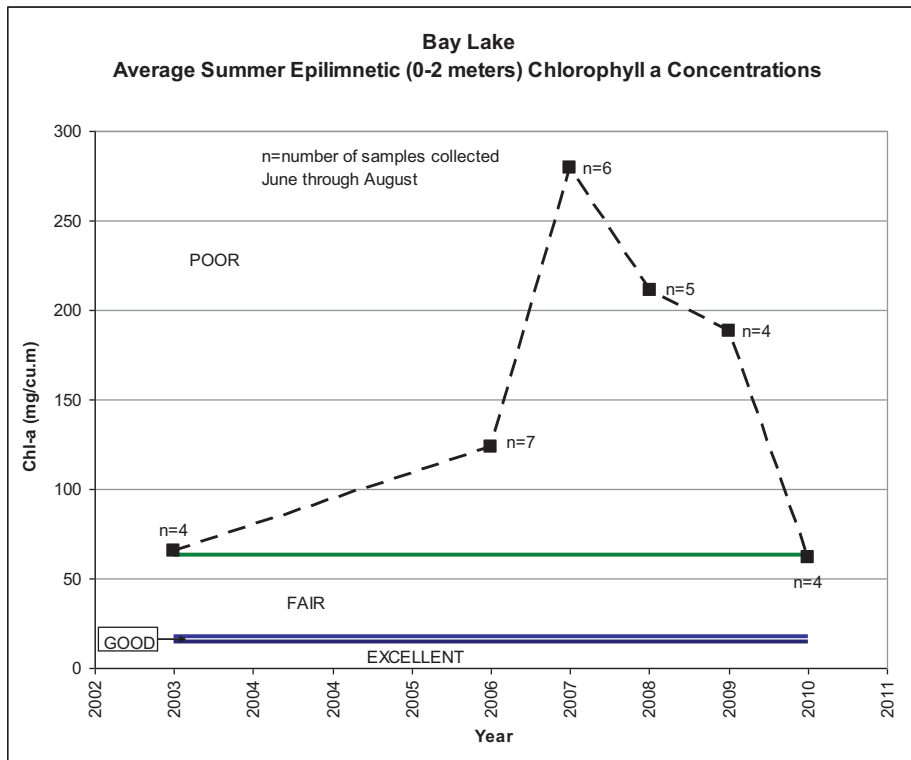
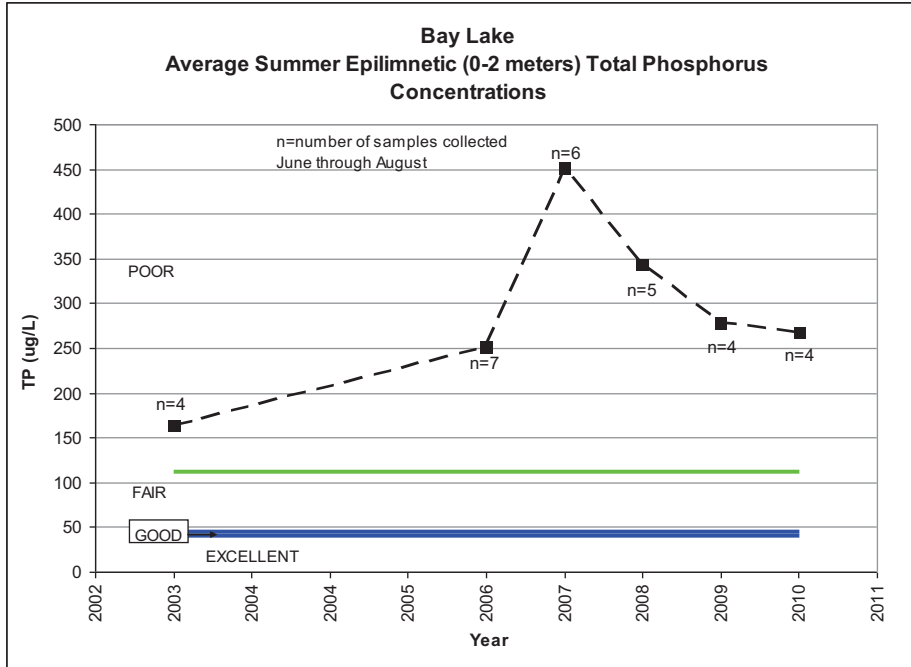


**Bay Lake**

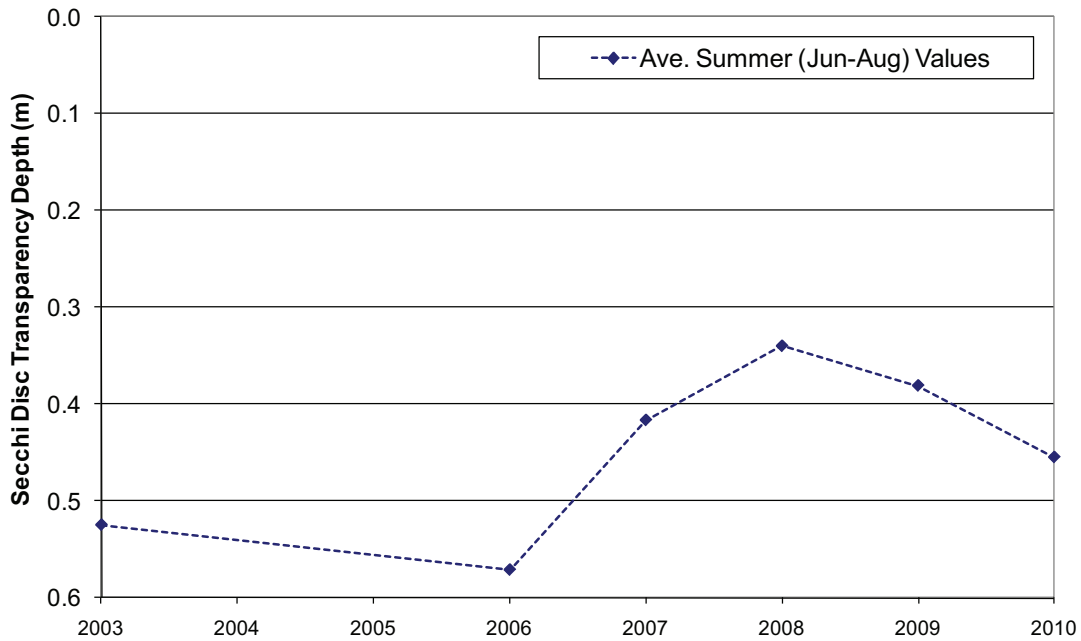


**BAY LAKE**  
**SUMMER AVERAGE WATER CLARITY**  
**Valley Branch Watershed District**



**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.