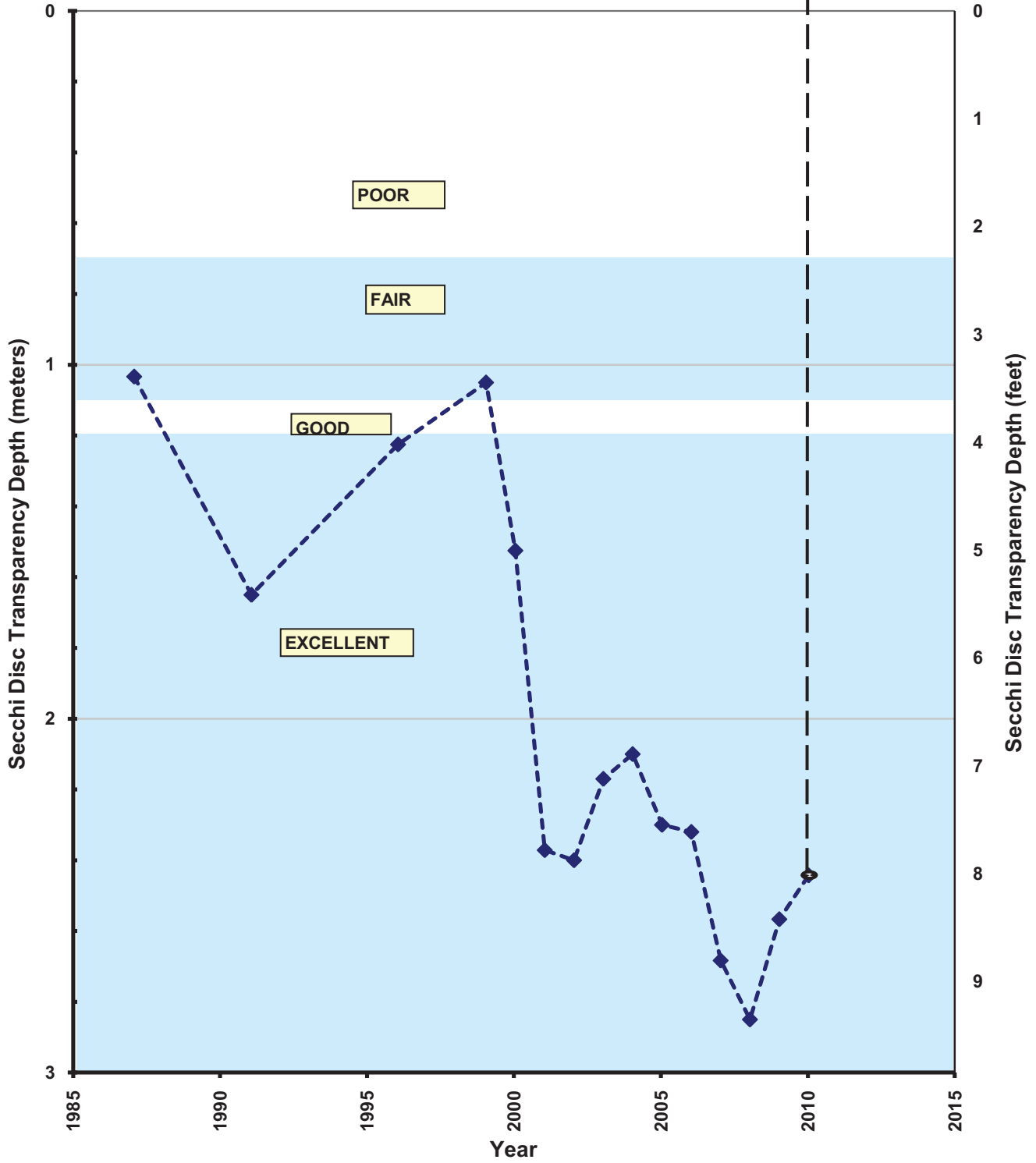
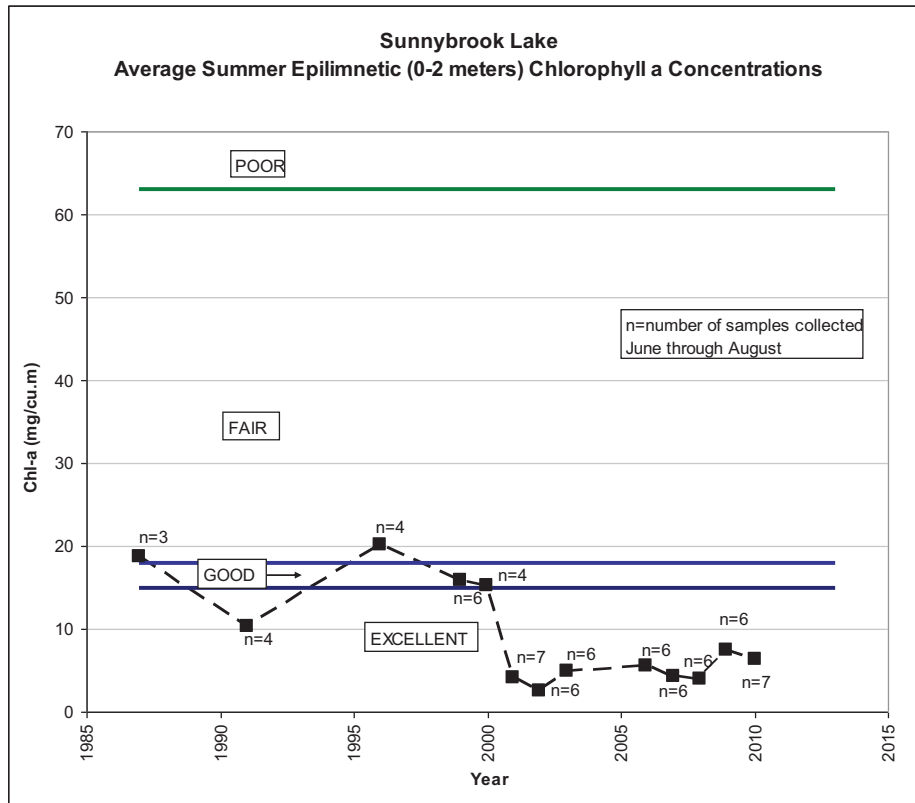
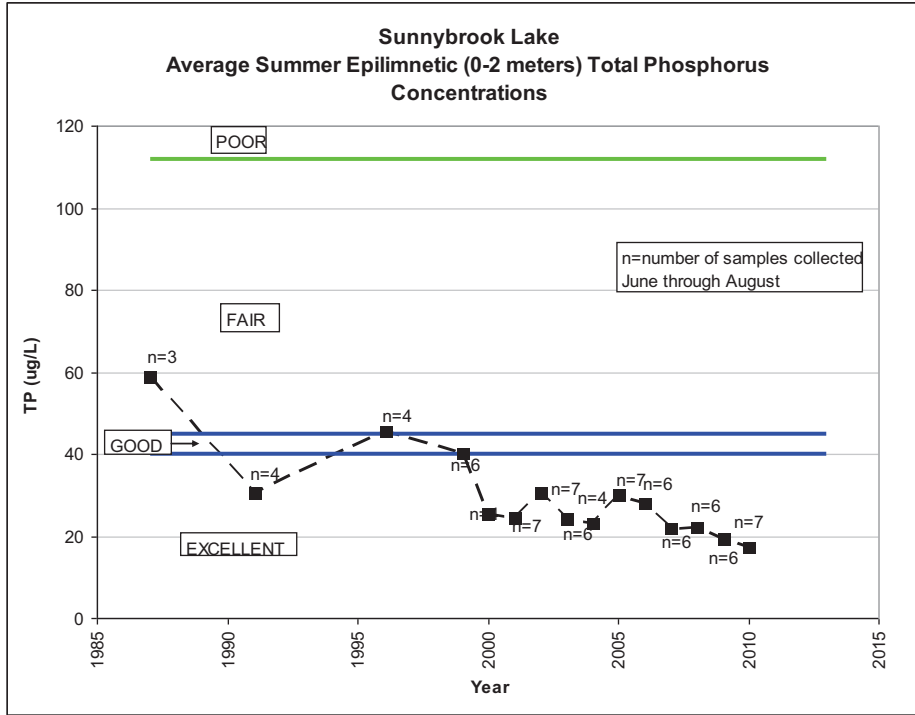


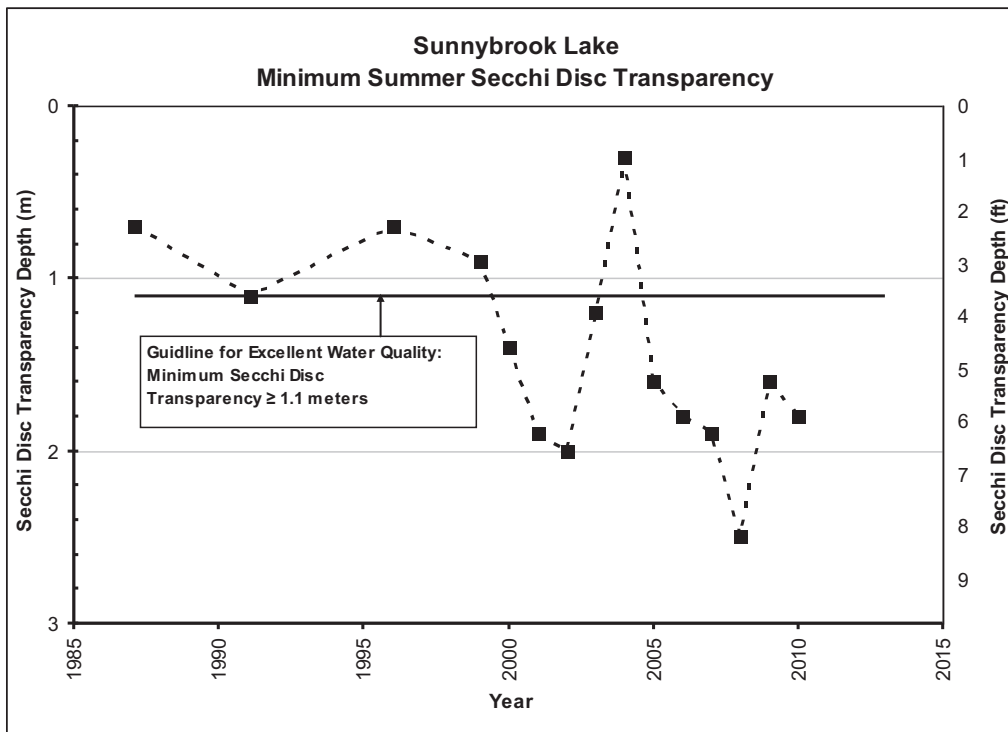
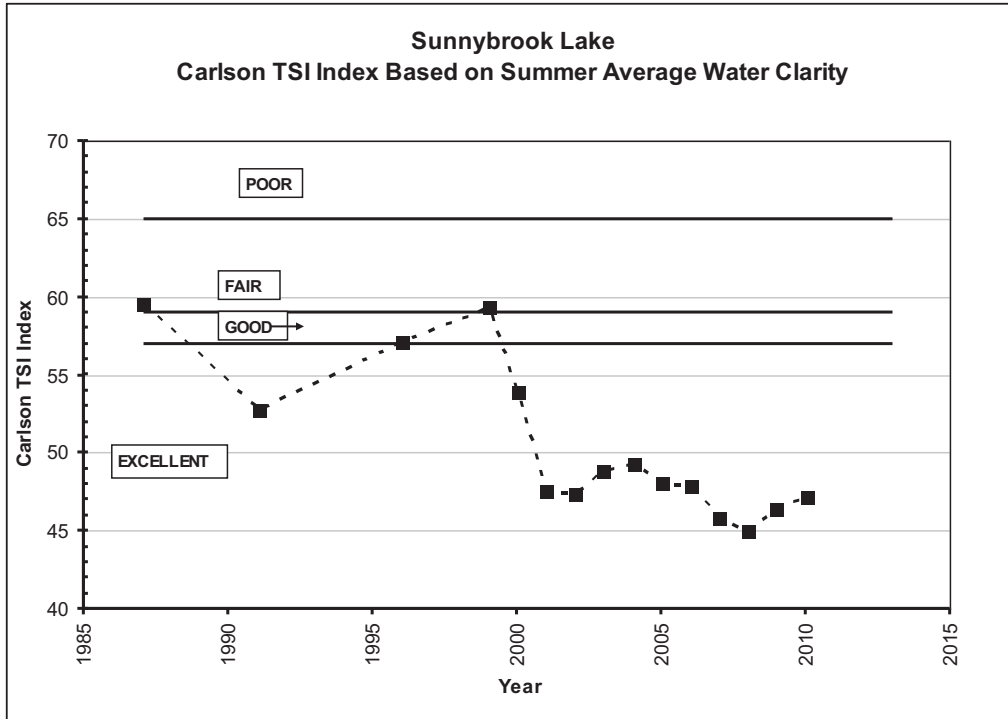
## **Sunnybrook Lake**



**SUNNYBROOK LAKE**  
**SUMMER AVERAGE WATER CLARITY AND TREND**  
**Valley Branch Watershed District**

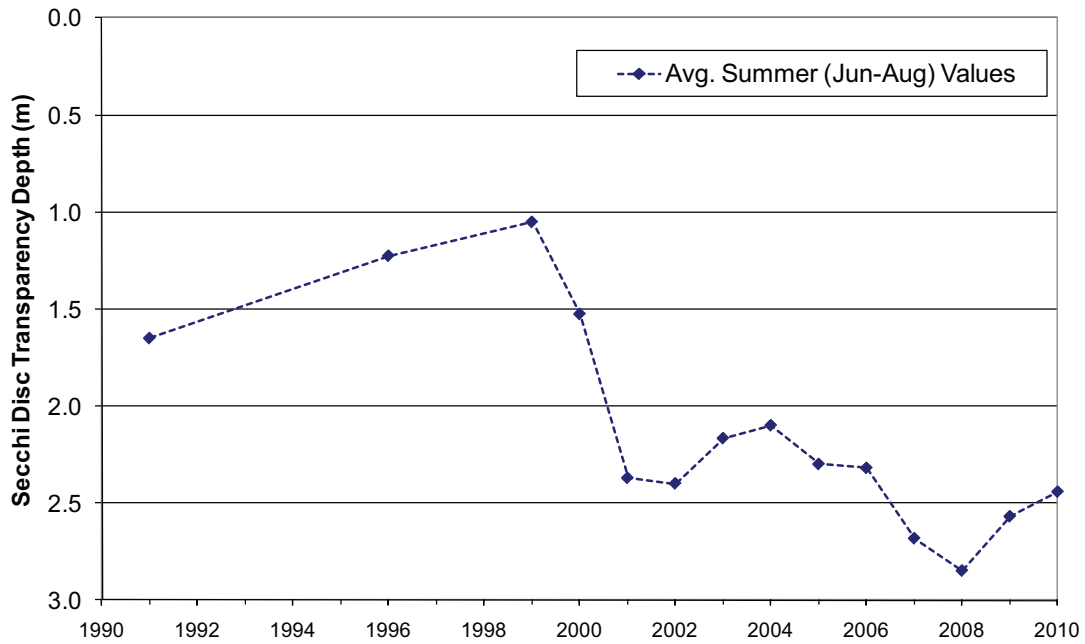


**SUNNYBROOK LAKE  
HISTORIC WATER QUALITY DATA  
Valley Branch Watershed District**



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

**Sunnybrook Lake  
Secchi Disc Transparency Depths**



**Mann-Kendall/Sen's Slope Trend Test  
(Test Period – 2001 to 2010)**

Confidence Level	Test Statistic = 15	
	Test	Significance
99%	15 < 30	Not Significant
95%	15 < 23	Not Significant
90%	15 < 20	Not Significant
80%	15 < 16	Not Significant
Sen's Slope	0.034 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.