PROJECT OCEANOLOGY

How does the physical environment of the Thames River change with geography and season?

	Physical Factors	Geography (mouth -> headwaters)	Season (Spring -> Summer -> Fall)
	Secchi Depth		
Nutrients	Ammonium		
Nutrients	Nitrate		
Nutrients	Phosphate		
Temperature	Surface Temp		
Temperature	Average Temp		
Temperature	Bottom Temp		
	Salinity		
	Dissolved Oxygen		
pH	Surface pH		
pH	Bottom pH		

Discussion Questions

Consider your class dataset as a whole as you answer the following questions:
1. How does the physical environment of the Thames River change from the mouth to the headwaters?

2. How does the physical environment of the Thames River change with the seasons?

3. Based on your results, is the Groton sewage treatment plant effective? Why or why not?

4. Based on your results, is the Norwich sewage treatment plant effective? Why or why not?