

Date: May 21, 2010

**Remember:** Students are the ones who record the data and they must stay with their groups and work together.

	Water Quality Factors	Measurement	Comments (written by student)
	Dissolved Oxygen		
	pH		
	Nitrate/Nitrite Nitrogen		
	Salinity		
	Turbidity		
	Air Temperature		
	Water Temperature		
	Water Level		
	Wave Activity		
	# of Hermit Crabs		
	# of Birds		
MICROSCOPES 12:00	<b>Focus:</b> Name and explain a physical adaptation displayed by one of the organisms in the touch tank.		
TOUCH TANKS 12:05			

**Dissolved Oxygen** - amount of oxygen gas dissolved in the water

**pH** - acidity of water (7 is neutral/less than 7 is acidic/greater than 7 is basic)

**Nitrate/Nitrite Nitrogen** - pollutants in water such as chemical waste or sewage

**Salinity** - amount of salt in water

**Turbidity** - amount of sediment in water - water clarity

**Wave Activity** - list as none, low, medium, and high