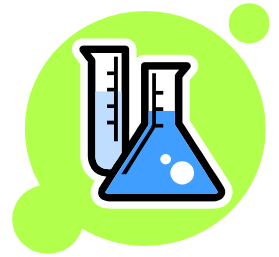


## Testing the Water Quality of Lake Texoma



**Water State:**

\_\_\_ Normal    \_\_\_ Flooded    \_\_\_ Dry    \_\_\_ Frozen    \_\_\_ Unreachable

**Cloud Cover:**

\_\_\_ no clouds    \_\_\_ clear (<10%)    \_\_\_ isolated clouds (10%-24%)  
 \_\_\_ scattered (25%-49%)    \_\_\_ broken (50%- 90%)    \_\_\_ overcast (>90%)    \_\_\_ obscured

**Secchi Disk:    Transparency**

	<u>Test 1</u>	<u>Test 2</u>	<u>Test 3</u>	
A. Distance from observer to water surface:	___ m	___ m	___ m	<b>Average:</b> _____
B. Distance from observer to where disk disappears:	___ m	___ m	___ m	<b>Average:</b> _____
C. Total transparency distance: (B-A)	___ m	___ m	___ m	<b>Average:</b> _____

**Water Temperature:**                      \_\_\_ °C                      \_\_\_ °C                      \_\_\_ °C                      **Average:** \_\_\_\_\_

**Dissolved Oxygen:**                      \_\_\_ ppm                      \_\_\_ ppm                      \_\_\_ ppm                      **Average:** \_\_\_\_\_

**Water pH:**                                      \_\_\_                                      \_\_\_                                      \_\_\_                                      **Average:** \_\_\_\_\_

**Alkalinity:**                                      \_\_\_ ppm                                      \_\_\_ ppm                                      \_\_\_ ppm                                      **Average:** \_\_\_\_\_

**Salinity:**                                      \_\_\_ ppt                                      \_\_\_ ppt                                      \_\_\_ ppt                                      **Average:** \_\_\_\_\_

Is the water PH:    \_\_\_ Acidic (1-6)                      \_\_\_ Neutral (6-8)                      \_\_\_ Basic (8-14)

Look at the Salinity: Is Lake Texoma . . . (circle one)?

Fresh Water (1/2<sup>(0.5)</sup> ppt)    Brackish (1/2<sup>(0.5)</sup> - 30 ppt)                      Salt Water (30 - 50 ppt)

Would you consider Lake Texoma a healthy lake?                      Yes                      No

Why or why not?