Name	Snapshot '07:	Chemical D	escription	Location
neutral, below	v acidic or basic (alkalin 7 is acidic and above 7 i circle equipment use	s basic. Most fi		from 0 to 14 with 7 being to 8.
Test Strips	color match test kit	meter	pH pen	
Reading 1:	Reading 2:	Reading 3:		
It is measured in PF mg/l. Some people mS/cm (Microsieme	sure of the amount of so T (parts per thousand) measure in PSU or pract ns), uS/cm (millisiemens circle equipmo	OR in smaller antical salinity unit s), or PSU	mounts as PPM	•
Drop count test kit	meter refrac	tometer to	est strips	hydrometer
Reading 1:	Reading 2:	Reading	3:	(note correct units)
Time:		ny, shady, cover water depth (in	ed with plants feet):	(circle one)
Reading 1:	C		F	
Reading 2:	C		F	
Average:	c		F	
healthy that ecosyste of plants, and wind co saturation means tha	ved oxygen in the water om is. Many variables af nditions. DO measurem t the water cannot hold a high wind or a waterfa	fect DO, includi ents are given ir any more oxygen ll) the oxygen wi	ng temperatur n mg/l and as po n at that tempo ll go from the	e, time of day, presence ercent saturation. 100% erature. If more oxygen water into the air.
Time:	Water	temperature in	C	(use average from #3 above)
circle equipment u DO (mg/l) or PPM:		meter d saturation (see o	•	other :):
Describe the area	where you are collectir	ıg water:	The sun 2 True sta	shade? Water very still?)

Name	Snapshot	'07:	Chemical	Description	Location
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METHOD

Source of chart: http://waterontheweb.org/under/waterquality/oxygen.html

For a quick and easy determination of the percent saturation value for dissolved oxygen at a given temperature, use the saturation chart above. Use the mg/l of dissolved oxygen you measured and the temperature of the water in degrees C. Draw a straight line between the water temperature and the mg/l of dissolved oxygen. The percent saturation is the value where the line intercepts the saturation scale. Waterways with a saturation value of 90% or above are considered healthy.



