

Date_ Time_				S			
Temperature - Collect water sample in tub & check temperature°C							
	<b>rbidity</b> – the relati organisms in the w	=	ater. Turbid	water can be c	aused by s	ediment or	
2.	fill <u>plastic jar</u> to to hold chart over jar compare the disc i	r while looking	g down on jar				
	Check Turbidity F			D			
	□0 JTU (excellent □0-40 JTU (good) □40-100 JTU (fair □>100 JTU (poor)	3 points r) 2 points		$\mathbf{Points}_{\_}$			
range 1. 2. 3.	I (potential hydrogonal and can be affecte fill test tube to 10 add one pH tablet cap and mix until compare color to compare color to compare color to compare pH Result:	d by change. mL line or tablet dissolve	use pH str			ngs live in a certain	
	OJ tomato	rain banana	water	eggs b.soda	soap	antacid	
	4 5	6	7	8	9	10	
	poor (1)	good	excellent	good		poor (1)	
	points(1)	(3)	(4)	(3)		(1)points	
algae, waste 1. 2. 3.	plant growth, and pollutions, and fa fill test tube to 10 add one phosphate cap and mix until wait 5 minutes for	bacteria and rms. mL line tablet tablet dissolve	can decrease			els can create excess can come from	

Points

□1 ppm (excellent) 4 points □2 ppm (good) 3 points

Check Phosphate Result:

 $\square 4$  ppm (fair) 2 points

□>4 ppm (poor) 1 point

nts and animals to build protein. Nitrate comes evels can be harmful to plants and animals.			
tablet tive sleeve  Points			
olved in the water. All aquatic animals need of aquatic life.			
Points			
*Calculations based on solubility of oxygen in water at sea level, from <u>Standard Methods for the Examination of Water &amp; Wastewater</u> , 18th edition.			
ests you completed.			
and information from each of the tests.			