

Year 7 - WATER QUALITY ASSESSMENT

Test 1 – Temperature

Take the temperature of the water. Is it too hot or too cold?

What is a suitable temperature for most organisms to survive?

What may happen if the temperature range increases too much?

Test 2 - Turbidity

Test the water's turbidity?

What is a suitable level?

What does this mean for plants or creatures that depend upon sunlight?

Test 3 – Salinity (salt composition)

Test the water for saltiness?

How might this affect the ability for plants or animals to survive?

How much is too much?

Test 4 – pH (level of acidity)

What is the pH reading? Mark it on the scale below.

3 _____ 4 _____ 5 _____ 6 _____ 7 _____ 8 _____ 9 _____ 10 _____

Is it acidic, neutral or basic?

How does pH affect living things?

Test 5 – Level of nitrates

What amount of nitrates is evident in this water?

Is this a satisfactory level? Explain.

Test 6 – Level of phosphates

What amount of phosphates was found?