

# WATERWATCH TEST

Site code/name	BUNGEYS
Date & time	1/4/17 9AM
Monitors	SUELIN, JOHN & SHERIDAN

Parameter	Reading	Comments												
<b>Air temp</b> – thermometer in shade 2 mins	16 °C													
<b>Water temp</b> – thermometer in water 2 mins	18 °C													
<b>Dissolved Oxygen</b> Rinse glass tubes 3 times. Add 1ml sample to control tube. Rinse oxygen reaction bottle 3 times, fill with sample until overflowing without air bubbles. Add 5 drops O <sub>2</sub> -1, and 5 drops of O <sub>2</sub> -2, close the bottle with stopper avoiding air bubbles, and mix by shaking. Wait 1 min, then add 12 drops O <sub>2</sub> -3, close and shake until deposits dissolved. Put 1mL of solution into sample tube, place on comparator.	5 mg/L	Re-tested @ other sample bottles & got same result												
<b>Ammonium</b> – wear gloves & goggles Rinse glass tubes 3 times. Fill to mark with sample water. Place in holder, leave outer tube blank, inner tube for sample test. Add 10 drops NH <sub>4</sub> -1 to sample tube, close and mix. Add 1 level spoon NH <sub>4</sub> -2 to sample tube, close and mix, wait 15 min Look down both tubes and turn disc until colours match.	0.20 mg/L													
<b>Phosphates</b> – Rinse glass tubes 3 times. Fill to mark with sample water. Place in holder, leave outer tube blank, inner tube for sample test. Add 1 spoon PO <sub>4</sub> -1 to sample tube, close and mix. Add 15 drops PO <sub>4</sub> -2 to sample tube, close and mix, wait 5 mins. Look down both tubes and move disc until colours match	mg/L	0.10												
<b>pH</b> – Turn on and calibrate first: pH 4 Before reading > CAL > wait 1-2min > HOLD CON > After reading pH 7 Before reading > wait 1-2 min > HOLD CON > After reading pH 10 Before reading > wait 1-2 min > HOLD CON > After reading Rinse probe with distilled water, test sample > HOLD > record result	<table border="0"> <tr> <td>Before</td> <td>After</td> <td rowspan="4">Signature <i>Shayne</i></td> </tr> <tr> <td>4.1</td> <td>4.0</td> </tr> <tr> <td>6.9</td> <td>7.0</td> </tr> <tr> <td>10.4</td> <td>10.2</td> </tr> <tr> <td>8.1</td> <td>Units</td> <td></td> </tr> </table>	Before	After	Signature <i>Shayne</i>	4.1	4.0	6.9	7.0	10.4	10.2	8.1	Units		
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<b>Electrical Conductivity</b> – Remove battery cap, turn on & calibrate: EC1413 Rinse > Test > press white button > HOLD/ENT > After EC12880 Rinse > Test > press white button > HOLD/ENT > After Rinse probe with sample water. Test sample > record	<table border="0"> <tr> <td>Before</td> <td>After</td> <td rowspan="4">Signature <i>Shayne</i></td> </tr> <tr> <td>1550</td> <td>1400</td> </tr> <tr> <td>12.1</td> <td>12.00</td> </tr> <tr> <td>930</td> <td>µS/cm</td> </tr> </table>	Before	After	Signature <i>Shayne</i>	1550	1400	12.1	12.00	930	µS/cm				
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<b>Turbidity</b> – shake sample, pour in tube until no longer see wavy lines (avoid direct sunlight), note reading on scale.	5 NTU													

**Waterway info** – circle answers

**Weather** – sunny / cloudy / overcast / raining / windy

**Rainfall** – now / last 24hrs / during the last week / over a week ago. Amount mm \_\_\_\_\_

**Flow estimate** – Flood (overbank) / Bankfull / high / normal / low

**Appearance** – clear / scummy / smelly / foamy/frothy / stained brown / muddy / milky / oily / discoloured / stained green / other \_\_\_\_\_

**Litter & Pollutants** – cans / paper / clothing / oil / food packets / plastic / polystyrene / car bodies / waxed cardboard / bottles / petrol or diesel / other \_\_\_\_\_

What has changed since the last time you monitored? \_\_\_\_\_

What stands out about the site today? OIL ON SURFACE OF WATER

Other observations \_\_\_\_\_