



## Physical & Chemical Tests Record Sheet

(To be completed monthly)

Site Name: <u>Barwon River below Buckley Falls</u>		Site Code: <u>BAR 100</u>
Name of Monitoring Group: <u>Friends of Buckley Falls</u>		
Person(s) Conducting the test: <u>Helen Schofield + Lance Breguet</u>		
Date of test: <u>Thurs 27-6-24</u>	Time of test: <u>1:00</u> am/pm <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">pm</span>	
Site Risk Assessment Completed: <input checked="" type="checkbox"/> signature please: <u>Helen Schofield</u>		
Site risk and management assessment at rear of book. Please note circumstantial hazards and additional risks in the box below		
Test	Result (units)	Calculations, dilutions and comments
Dissolved Oxygen	<u>10.5</u> mg/L <u>94%</u> % sat.	
Water Temperature	<u>10.0</u> °C	
Air Temperature	<u>16.0</u> °C	
pH	Meter calibrated to <input type="checkbox"/> pH 7 & <input type="checkbox"/> pH 10 <u>8.1</u> pH units	<u>8.0</u>
Electrical Conductivity (Salinity)	Meter calibrated to <input checked="" type="checkbox"/> 1413, <input type="checkbox"/> 2,000 or <input checked="" type="checkbox"/> 12,880EC <u>2,470</u> EC units μS/cm.	<u>2.47</u>  <u>OLD KIT</u>
Reactive Phosphorus	<u>0.02</u> mg/L P	(a) <u>0.015 &lt; 2 &lt; 0.03</u> (b) <u>0.02 NEW KIT</u>
Turbidity	<u>15</u> N.T.U./F.T.U.	
<b>Weather conditions at the time of sampling:</b>		
<input type="checkbox"/> sunny <input checked="" type="checkbox"/> cloudy <input type="checkbox"/> overcast <input type="checkbox"/> raining <input type="checkbox"/> windy		
<b>Rainfall:</b>		
Last rainfall: <input type="checkbox"/> More than week ago <input checked="" type="checkbox"/> During the last week <input type="checkbox"/> During the last 24 hours <input type="checkbox"/> Raining now		
Amount of rain (mm) <u>1 mm</u>		
<b>Water flow</b>		<b>Water appearance</b>
Flow indicator (if available) <u>—</u> ML/day		
<b>Estimate of flow</b> <input type="checkbox"/> Not flowing (still) <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Milky <input type="checkbox"/> Foamy /frothy <input type="checkbox"/> Not flowing (pool) <input type="checkbox"/> Low (minimum) <input type="checkbox"/> Muddy <input type="checkbox"/> Smelly <input type="checkbox"/> Stained green <input checked="" type="checkbox"/> Medium (average) <input type="checkbox"/> High (but below bankfull) <input type="checkbox"/> Scummy <input type="checkbox"/> Oily <input type="checkbox"/> Stained brown <input type="checkbox"/> Flood (over bank) <input type="checkbox"/> Permanent (lakes & wetlands) <input type="checkbox"/> Other (description).		
<b>Stream depth</b>		
Depth indicator <u>—</u> m <input checked="" type="checkbox"/> 0 - 50 cm deep <input type="checkbox"/> 51cm-1m deep <input type="checkbox"/> 1 to 2 m deep <input type="checkbox"/> Unknown depth		
<b>Stream width</b>		
Average width of stream: <u>25</u> m <u>Normal at site</u> <input type="checkbox"/> < 2 m wide <input type="checkbox"/> 2 to 5 m wide <input type="checkbox"/> >5 m wide		
Drain present at site: <input type="checkbox"/> no <input checked="" type="checkbox"/> yes		Water flowing from drain: <input type="checkbox"/> yes      Color: <u>NO</u> <u>USUAL, SLIGHTLY GREY.</u> Odour: <u>—</u>
<b>Litter pollutants: (Tick type found)</b> <u>NONE</u>		
<input type="checkbox"/> paper <input type="checkbox"/> bottles <input type="checkbox"/> polystyrene <input type="checkbox"/> oil <input type="checkbox"/> petrol/diesel <input type="checkbox"/> packets <input type="checkbox"/> cans <input type="checkbox"/> waxed cardboard <input type="checkbox"/> other		
<b>Circumstantial hazards and additional risks</b>		<b>Waterwatch Data Management System: Data entry</b>
Hazard:	Risk:	Person entering site visit information
Risk Control Measures:		Date of entry
		Site visit approved by Coordinator (initial and date)