WATERWATCH Corangamite
Communities Caring for Catchments

Physical & Chemical Tests Record Sheet

(To be completed monthly)

Site Name: Barwon R @ Buckley Falls			Site Code: BAR 100
Name of Monitoring Group: Friends of Buckley Falls			
Person(s) Conducting the test: Helen Schofield & Lance Breguet			
Date of test: 25-12-2023		Time of test: 11.00	am/pm
Site Risk Assessment Completed: ☐ signature please: H. Schofield 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	6.6 mg/L	70.6 % sat.	
Water Temperature	18.5 °C		
Air Temperature	17.0 °C		
pH	Meter calibrated to ☐ pH 7 & ☐ pH 10	7.5 pH units	
Electrical Conductivity (Salinity)	Meter calibrated to ☑ 1413, ☐ 2,000 or ☑ 12,880EC	948 EC units µS/cm.	
Reactive Phosphorus	0.055 mg/L P		nearly 0.06
Turbidity	25 N.T.U./F.T.U.		

Weather conditions at the time of sampling:

☐ sunny ☐ cloudy ☑ overcast ☐ raining ☐ windy

Rainfall:

Last rainfall: ☐ More than week ago ☐ During the last week ☑ During the last 24 hours ☐ Raining now — slight

Amount of rain (mm) _____ _____ 15 mm drizzle

Water flow

Flow indicator (if available) _____ML/day

Estimate of flow

☐ Not flowing (still) ☐ Not flowing (pool) ☐ Low (minimum) ☑ Medium (average) ☐ High (but below bankfull) ☐ Flood (over bank) ☐ Permanent (lakes & wetlands)

Water appearance

☑ Clear but slightly brown (muddy) ☐ Milky ☐ Foamy /frothy ☐ Muddy ☐ Smelly ☐ Stained green ☐ Scummy ☐ Oily ☐ Stained brown ☐ Other (description)

Stream depth

Depth indicator _____m ☑ 0 - 50 cm deep ☐ 51cm–1m deep ☐ 1 to 2 m deep ☐ Unknown depth

Stream width

Average width of stream: 25 m Normal ☐ < 2 m wide ☐ 2 to 5 m wide ☐ >5 m wide

Drain present at site: ☐ no ☑ yes Water flowing from drain: ☑ yes Color Clear Odour _____

Litter pollutants: (Tick type found) X

☐ plastic ☐ clothing ☐ car bodies ☐ paper ☐ bottles ☐ polystyrene ☐ oil ☐ petrol/diesel ☐ packets ☐ cans ☐ waxed cardboard ☐ other

Circumstantial hazards and additional risks		Waterwatch Data Management System: Data entry
Hazard:	Risk:	Person entering site visit information
Risk Control Measures:		Date of entry
		Site visit approved by Coordinator (initial and date)