



Physical & Chemical Tests Record Sheet

(To be completed monthly)

Site Name: <u>BARNWOOD RIVER Breakwater Lake</u>	Site Code: <u>BAR-161</u>
Name of Monitoring Group: <u>BARNWOOD RIVER INDIVIDUAL</u>	
Person(s) Conducting the test: <u>NORMAN LUKAS</u>	
Date of test: <u>15-2-2023</u>	Time of test: <u>2.10</u> <u>am</u> / <u>pm</u>

Site Risk Assessment Completed signature please:
 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>7.6</u> mg/L	<u>66</u> % sat.
Water Temperature		<u>16</u> °C
Air Temperature		<u>24</u> °C
pH	Meter calibrated to <input checked="" type="checkbox"/> pH 7 & <input checked="" type="checkbox"/> pH 4	<u>7.4</u> pH units
Electrical Conductivity (Salinity)	Meter calibrated to <input checked="" type="checkbox"/> 1413, <input type="checkbox"/> 2,000 or <input checked="" type="checkbox"/> 12,880EC	<u>1653</u> EC units μS/cm.
Reactive Phosphorus		<u>0.07</u> mg/L P
Turbidity		<u>24</u> 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

Amount of rain (mm) _____

<p>Water flow</p> <p>Flow indicator (if available) _____ ML/day</p> <p>Estimate of flow</p> <p> <input type="checkbox"/> Not flowing (still) <input type="checkbox"/> Low (minimum) <input type="checkbox"/> Not flowing (pool) <input type="checkbox"/> High (but below bankfull) <input type="checkbox"/> Medium (average) <input type="checkbox"/> Permanent (lakes & wetlands) <input type="checkbox"/> Flood (over bank) </p>	<p>Water appearance</p> <p> <input type="checkbox"/> Clear <input checked="" type="checkbox"/> Milky <input type="checkbox"/> Foamy /frothy <input type="checkbox"/> Muddy <input type="checkbox"/> Smelly <input type="checkbox"/> Stained green <input type="checkbox"/> Scummy <input type="checkbox"/> Oily <input type="checkbox"/> Stained brown <input type="checkbox"/> Other (description) </p>
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Stream depth m
 0 - 50 cm deep
 51cm-1m deep
 1 to 2 m deep
 Unknown depth

Stream width

Average width of stream: 50 m
 < 2 m wide
 2 to 5 m wide
 >5 m wide

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

Litter pollutants: (Tick type found)

<input type="checkbox"/> paper	<input type="checkbox"/> bottles	<input type="checkbox"/> plastic	<input type="checkbox"/> polystyrene	<input type="checkbox"/> clothing	<input type="checkbox"/> oil	<input type="checkbox"/> car bodies	<input type="checkbox"/> petrol/diesel
<input type="checkbox"/> packets	<input type="checkbox"/> cans	<input type="checkbox"/> waxed cardboard	<input type="checkbox"/> other				

Circumstantial hazards and additional risks	Waterwatch Data Management System: Data entry
Hazard: <u> </u>	Risk: _____
Risk Control Measures:	Date of entry _____
	Site visit approved by Coordinator (initial and date) _____

