



Physical & Chemical Tests Record Sheet

(To be completed monthly)

Site Name: <u>BARLOW RIVER BEAR WATER</u>	Site Code: <u>BAR-161</u>
Name of Monitoring Group: <u>BARLOW RIVER INDIVIDUALS</u>	
Person(s) Conducting the test: <u>NORMAN LEBRAS</u>	
Date of test: <u>18-10-23</u>	Time of test: <u>12-15</u> am/pm

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>8.4</u> mg/L <u>86</u> % sat.	<u>2.8 m³ 40-7600 l</u>
Water Temperature	<u>15</u> °C	
Air Temperature	<u>16</u> °C	
pH	Meter calibrated to <input checked="" type="checkbox"/> pH 7 & <input checked="" type="checkbox"/> pH 10 <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>2360</u> EC units <u>2360</u> µS/cm.	
Reactive Phosphorus	<u>0.01</u> mg/L P	
Turbidity	<u>25</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) _____

Water flow Flow indicator (if available) <input checked="" type="checkbox"/> ML/day Estimate of flow <input type="checkbox"/> Not flowing (still) <input type="checkbox"/> Not flowing (pool) <input type="checkbox"/> Low (minimum) <input type="checkbox"/> Medium (average) <input type="checkbox"/> High (but below bankfull) <input type="checkbox"/> Flood (over bank) <input type="checkbox"/> Permanent (lakes & wetlands)	Water appearance <input type="checkbox"/> Clear <input 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)
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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: 55 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"/> clothing	<input type="checkbox"/> car bodies
<input type="checkbox"/> packets	<input type="checkbox"/> cans	<input type="checkbox"/> polystyrene	<input type="checkbox"/> oil	<input type="checkbox"/> petrol/diesel
		<input type="checkbox"/> waxed cardboard	<input type="checkbox"/> other	

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

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that proper record-keeping is essential for transparency and accountability, particularly in financial reporting and compliance with regulatory requirements. The text notes that incomplete or inconsistent records can lead to significant legal and financial consequences for the organization.

2. The second section focuses on the role of internal controls in preventing fraud and errors. It outlines various control mechanisms, such as segregation of duties, regular audits, and the implementation of robust approval processes. The document stresses that a strong internal control system is not only a defense against fraud but also a key factor in ensuring the reliability of financial data.

3. The third part of the document addresses the challenges of data security in the digital age. It highlights the need for organizations to invest in advanced cybersecurity measures, including encryption, firewalls, and regular security updates. The text also discusses the importance of employee training and awareness programs to reduce the risk of data breaches caused by human error.

4. The final section discusses the impact of external factors, such as market volatility and regulatory changes, on an organization's operations. It suggests that organizations should maintain a flexible and adaptive strategy to navigate these uncertainties. The document concludes by emphasizing the importance of continuous monitoring and evaluation of all business processes to ensure long-term success and sustainability.