



## Physical & Chemical Tests Record Sheet

(To be completed monthly)

Site Name: <u>Barwon R @ Settlement Rd</u>		Site Code:
Name of Monitoring Group:		
Person(s) Conducting the test: <u>DM.</u>		
Date of test: <u>7/5/24</u>	Time of test: <u>12:30</u> am/pm	
Site Risk Assessment Completed: <input type="checkbox"/> signature please: <u>DM</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	mg/L % sat.	
Water Temperature	<u>14</u> °C	
Air Temperature	°C	
pH	Meter calibrated to <input checked="" type="checkbox"/> pH 7 & <input checked="" type="checkbox"/> pH 14 <u>7.8</u> pH units	
Electrical Conductivity (Salinity)	Meter calibrated to <input checked="" type="checkbox"/> 1413, <input type="checkbox"/> 2,000 or <input type="checkbox"/> 12,880EC <u>2,250</u> EC units μS/cm.	
Reactive Phosphorus	mg/L P	
Turbidity	<u>7.51</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 checked="" 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) _____		
<b>Water flow</b>		<b>Water appearance</b>
Flow indicator (if available) _____ ML/day		<input checked="" 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)
<b>Estimate of flow</b>		
<input type="checkbox"/> Not flowing (still) <input checked="" 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) <input type="checkbox"/> Permanent (lakes & wetlands)		
<b>Stream depth</b>		
Depth indicator _____ m <input type="checkbox"/> 0 - 50 cm deep <input type="checkbox"/> 51cm-1m deep <input checked="" type="checkbox"/> 1 to 2 m deep <input type="checkbox"/> Unknown depth		
<b>Stream width</b>		
Average width of stream: _____ m <input type="checkbox"/> < 2 m wide <input type="checkbox"/> 2 to 5 m wide <input checked="" type="checkbox"/> >5 m wide		
Drain present at site: <input type="checkbox"/> no <input type="checkbox"/> yes    Water flowing from drain: <input type="checkbox"/> yes    Color _____    Odour _____		
<b>Litter pollutants: (Tick type found)</b>		
<input type="checkbox"/> paper <input type="checkbox"/> bottles <input type="checkbox"/> polystyrene <input type="checkbox"/> clothing <input type="checkbox"/> car bodies <input type="checkbox"/> packets <input type="checkbox"/> cans <input type="checkbox"/> waxed cardboard <input type="checkbox"/> oil <input type="checkbox"/> petrol/diesel <input type="checkbox"/> <input type="checkbox"/> <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)

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.

2. The second part of the document outlines the various methods and tools used to collect, store, and analyze data. It highlights the need for robust data management systems that can handle large volumes of information and provide timely insights into organizational performance.

3. The third part of the document focuses on the role of technology in modern data management. It discusses how cloud computing, artificial intelligence, and machine learning are transforming the way organizations handle their data, enabling more efficient and effective decision-making processes.

4. The fourth part of the document addresses the challenges associated with data security and privacy. It stresses the importance of implementing strong security protocols and policies to protect sensitive information from unauthorized access and breaches.

5. The fifth part of the document explores the ethical implications of data collection and analysis. It discusses the need for organizations to be transparent about their data practices and to respect the privacy and rights of individuals whose data is being processed.

6. The sixth part of the document provides a summary of the key findings and recommendations. It reiterates the importance of a holistic approach to data management, one that integrates technical, legal, and ethical considerations to ensure the effective and responsible use of data.

7. The seventh part of the document includes a list of references and sources used in the research. It provides a comprehensive overview of the current state of the field and identifies areas for further study and exploration.

8. The eighth part of the document contains a list of appendices and supplementary materials. These materials provide additional details and data that support the main findings and conclusions of the document.

9. The ninth part of the document includes a list of figures and tables. These visual aids help to illustrate key concepts and data points, making the information more accessible and easier to understand.

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