



Physical & Chemical Tests Record Sheet

(To be completed monthly)

Site Name: <i>Hospital Swamp</i>		Site Code: <i>Comeware Wetland</i>	
Name of Monitoring Group: <i>CMA</i>		<i>Centre Circuit Walk</i>	
Person(s) Conducting the test: <i>D Murphy</i>			
Date of test: <i>11.2.24</i>		Time of test: <i>10:00</i> am/pm	
Site Risk Assessment Completed: <input type="checkbox"/> signature please: <i>[Signature]</i>			
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	<i>9.85</i> mg/L	<i>114.3</i> % sat.	<i>Haeh HQ40D</i>
Water Temperature	<i>22.6</i>	° C	
Air Temperature		° C	
pH	Meter calibrated to <input type="checkbox"/> pH 7 & <input type="checkbox"/> pH 10	pH units	
Electrical Conductivity (Salinity)	Meter calibrated to <input type="checkbox"/> 1413, <input type="checkbox"/> 2,000 or <input checked="" type="checkbox"/> 12,880 EC	<i>8,140</i> EC units µS/cm.	<i>8.14 mS</i>
Reactive Phosphorus		mg/L P	<i>Shore margins evident. Level dropping</i>
Turbidity		N.T.U./F.T.U.	
Weather conditions at the time of sampling:			
<input checked="" type="checkbox"/> sunny <input type="checkbox"/> cloudy <input type="checkbox"/> overcast <input type="checkbox"/> raining <input type="checkbox"/> windy			
Rainfall:			
Last rainfall: <input checked="" type="checkbox"/> More than week ago <input type="checkbox"/> During the last week <input type="checkbox"/> During the last 24 hours <input type="checkbox"/> Raining now			
Amount of rain (mm) _____			
Water flow		Water appearance	
Flow indicator (if available) _____ ML/day			
Estimate of flow <input type="checkbox"/> Not flowing (still) <input type="checkbox"/> Not flowing (pool) <input type="checkbox"/> Medium (average) <input type="checkbox"/> Flood (over bank)		<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Milky <input type="checkbox"/> Muddy <input type="checkbox"/> Scummy <input type="checkbox"/> Other (description)	
<input type="checkbox"/> Low (minimum) <input type="checkbox"/> High (but below bankfull) <input checked="" type="checkbox"/> Permanent (lakes & wetlands)		<input type="checkbox"/> Foamy /frothy <input type="checkbox"/> Stained green <input type="checkbox"/> Stained brown	
Stream depth			
Depth indicator _____ m <input 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			
Stream width			
Average width of stream: _____ m <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 type="checkbox"/> yes Water flowing from drain: <input type="checkbox"/> yes Color _____ Odour _____			
Litter pollutants: (Tick type found)			
<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 <input type="checkbox"/> plastic <input type="checkbox"/> clothing <input type="checkbox"/> car bodies			
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 this is crucial for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. It highlights the need for consistent data collection procedures and the use of advanced analytical techniques to derive meaningful insights from the data.

3. The third part of the document focuses on the role of technology in data management and analysis. It discusses how modern software solutions can streamline data collection, storage, and analysis processes, thereby improving efficiency and accuracy.

4. The fourth part of the document addresses the challenges associated with data management, such as data quality, security, and privacy. It provides strategies to mitigate these risks and ensure that the data remains reliable and secure throughout its lifecycle.

5. The fifth part of the document concludes by summarizing the key findings and recommendations. It stresses the importance of ongoing monitoring and evaluation to ensure that the data management processes remain effective and aligned with the organization's goals.