

Physical & Chemical Tests Record Sheet

(To be completed monthly)

Site Name: <i>BARROW RIVER - Breakwater Rd</i>		Site Code: <i>BAR 161</i>	
Name of Monitoring Group: <i>BARROW INDIVIDUAL</i>			
Person(s) Conducting the test: <i>Norman WEBB</i>			
Date of test: <i>14-7-23</i>		Time of test: <i>12:00</i> am/pm <input checked="" type="checkbox"/>	
Site Risk Assessment Completed: <input checked="" type="checkbox"/> 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	<i>8.8</i> mg/L <i>83</i> % sat.		
Water Temperature	<i>11</i> °C		
Air Temperature	<i>16</i> °C		
pH	Meter calibrated to <input checked="" type="checkbox"/> pH 7 & <input type="checkbox"/> pH 10 <i>7.3</i> 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 <i>1099</i> EC units μS/cm.	<i>Low</i>	
Reactive Phosphorus	<i>0.05</i> mg/L P		
Turbidity	<i>40</i> N.T.U./F.T.U.		
Weather conditions at the time of sampling:			
<input type="checkbox"/> sunny <input type="checkbox"/> cloudy <input type="checkbox"/> overcast <input type="checkbox"/> raining <input type="checkbox"/> windy			
Rainfall:			
Last rainfall: <input 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) _____			
Water flow		Water appearance	
Flow indicator (if available) _____ ML/day			
Estimate of flow			
<input type="checkbox"/> Not flowing (pool)	<input type="checkbox"/> Not flowing (still)	<input type="checkbox"/> Clear	<input checked="" type="checkbox"/> Milky
<input type="checkbox"/> Low (minimum)	<input type="checkbox"/> Low (minimum)	<input type="checkbox"/> Muddy	<input type="checkbox"/> Smelly
<input type="checkbox"/> Medium (average)	<input type="checkbox"/> High (but below bankfull)	<input type="checkbox"/> Scummy	<input type="checkbox"/> Oily
<input type="checkbox"/> Flood (over bank)	<input type="checkbox"/> Permanent (lakes & wetlands)	<input type="checkbox"/> Other (description)	<input type="checkbox"/> Foamy /frothy
<input type="checkbox"/> Stained green			<input type="checkbox"/> Stained brown
Stream depth			
Depth indicator <i>1</i> 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: <i>55</i> 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 checked="" 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"/> plastic	<input type="checkbox"/> clothing
<input type="checkbox"/> packets	<input type="checkbox"/> cans	<input type="checkbox"/> polystyrene	<input type="checkbox"/> oil
		<input type="checkbox"/> waxed cardboard	<input type="checkbox"/> other
Circumstantial hazards and additional risks		Waterwatch Data Management System: Data entry	
Hazard: <i>Water at platform</i>		Person entering site visit information	
Risk: <i>slip</i>		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 appropriate statistical techniques to interpret the results.

3. The third part of the document focuses on the interpretation of the data and the identification of key trends and patterns. It discusses how these findings can be used to inform decision-making and to develop strategies for improving performance.

4. The fourth part of the document provides a detailed analysis of the data, including a breakdown of the results by category and a comparison of the findings with industry benchmarks. It also includes a discussion of the limitations of the data and the potential for future research.

5. The fifth part of the document concludes with a summary of the key findings and a set of recommendations for action. It emphasizes the need for ongoing monitoring and evaluation to ensure that the organization remains on track with its goals and objectives.