

Compare EC with WMLs 233201 Wind
 data.water.vic.gov.au

233247 Kildua



Physical & Chemical Tests Record Sheet
 (To be completed monthly)

Site Name: <u>Barwon R, Winchelsea.</u>		Site Code: <u>BAR060</u>	
Name of Monitoring Group: <u>CCMA</u>			
Person(s) Conducting the test: <u>Deirdre Murphy</u>			
Date of test: <u>22.9.23</u>		Time of test: <u>12:00</u> am <input checked="" type="radio"/> pm	
Site Risk Assessment Completed: <input 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	<u>9.3</u> mg/L	<u>93</u> % sat.	
Water Temperature		<u>14</u> °C	
Air Temperature		<u>14</u> °C	
pH	Meter calibrated to <input type="checkbox"/> pH 7 & <input type="checkbox"/> pH 10	<u>7.3</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>2,580</u> EC units μS/cm.	<u>2.58 mS/cm = 2,580 μS/cm</u>
Reactive Phosphorus		<u>0.043</u> mg/L P	<u>0.13 PO₄ / 3 = 0.043</u>
Turbidity		<u>49</u> N.T.U./F.T.U.	
Weather conditions at the time of sampling:			
<input type="checkbox"/> sunny <input checked="" 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 type="checkbox"/> During the last week <input checked="" 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 checked="" 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)		<input type="checkbox"/> Clear <input type="checkbox"/> Milky <input type="checkbox"/> Foamy /frothy <input checked="" type="checkbox"/> Muddy <input type="checkbox"/> Smelly <input type="checkbox"/> Stained green <input type="checkbox"/> Scummy <input type="checkbox"/> Oily <input checked="" type="checkbox"/> Stained brown <input type="checkbox"/> Other (description)	
Stream depth		Stream width	
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		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 checked="" type="checkbox"/> yes Water flowing from drain: <input checked="" 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"/> 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 proper record-keeping is essential for transparency and accountability, particularly in the context of public administration and financial management. The text notes that without reliable records, it is difficult to track the flow of funds and ensure that resources are being used as intended.

2. The second part of the document addresses the challenges associated with data collection and analysis. It highlights that gathering comprehensive data from various sources can be a complex and time-consuming process. However, the benefits of having a robust data set are significant, as it allows for more informed decision-making and the identification of trends and patterns. The document suggests that investing in data management systems and training staff can help overcome these challenges.

3. The third part of the document focuses on the role of technology in improving efficiency and reducing costs. It discusses how digital tools and automation can streamline processes, minimize human error, and accelerate the delivery of services. The text also touches upon the importance of cybersecurity in protecting sensitive information and maintaining the integrity of digital systems.

4. The fourth part of the document explores the impact of external factors on organizational performance. It notes that economic conditions, regulatory changes, and technological advancements can all influence an organization's ability to achieve its goals. The document suggests that organizations should remain flexible and adaptable, regularly reviewing their strategies and adjusting them as needed to respond to these external influences.

5. The fifth part of the document discusses the importance of human resources in organizational success. It emphasizes that a skilled and motivated workforce is essential for driving innovation and achieving long-term growth. The text suggests that organizations should invest in employee development, provide opportunities for career advancement, and foster a culture of collaboration and teamwork.

6. The sixth part of the document addresses the issue of risk management. It notes that organizations face a variety of risks, including financial, operational, and reputational risks. The document suggests that organizations should implement a comprehensive risk management framework to identify, assess, and mitigate these risks. This framework should be integrated into the organization's overall strategic planning process.

7. The seventh part of the document discusses the importance of stakeholder engagement. It notes that organizations should maintain open lines of communication with their stakeholders, including customers, employees, and the community. This engagement is crucial for understanding stakeholder needs, building trust, and ensuring that the organization's actions are aligned with their interests.

8. The eighth part of the document addresses the issue of sustainability. It notes that organizations have a responsibility to consider the environmental and social impacts of their operations. The document suggests that organizations should adopt sustainable practices, such as reducing carbon emissions and promoting social responsibility, to ensure long-term viability and contribute to the well-being of society.

9. The ninth part of the document discusses the importance of innovation and research and development. It notes that organizations should invest in R&D to stay competitive in a rapidly changing market. The text suggests that organizations should foster a culture of innovation, encourage employees to think creatively, and explore new technologies and business models.

10. The tenth part of the document addresses the issue of governance and ethical leadership. It notes that organizations should have strong governance structures in place to ensure that they are operated in a transparent and ethical manner. The text suggests that organizations should have clear policies and procedures in place, and that leaders should set a strong example of ethical behavior.