

# Students Chemical Data Sheet



<b>Student Name:</b>	<b>School:</b>	<b>Class:</b>
<b>Date:</b>	<b>Start Time:</b>	<b>Location:</b>

Weather Conditions					
Air Temp	Today's Rainfall	7 Day Rainfall	Wind	Sky	Water Surface
<input type="checkbox"/> Cold	<input type="checkbox"/> Nil	<input type="checkbox"/> Nil	<input type="checkbox"/> Nil	<input type="checkbox"/> Sunny	<input type="checkbox"/> Flat
<input type="checkbox"/> Mild	<input type="checkbox"/> Light	<input type="checkbox"/> Light	<input type="checkbox"/> Light	<input type="checkbox"/> Overcast	<input type="checkbox"/> Choppy
<input type="checkbox"/> Hot	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate		<input type="checkbox"/> Rough
	<input type="checkbox"/> Heavy	<input type="checkbox"/> Heavy			

Stream Conditions					
Flow	Surface Slick	Odour	Floating Matter	Suspended Matter	Appearance
<input type="checkbox"/> Nil	<input type="checkbox"/> Nil	<input type="checkbox"/> Nil	<input type="checkbox"/> Nil	<input type="checkbox"/> Slight	<input type="checkbox"/> Clean
<input type="checkbox"/> Tidal	<input type="checkbox"/> Slight	<input type="checkbox"/> Slight	<input type="checkbox"/> Slight	<input type="checkbox"/> Moderate	<input type="checkbox"/> Murky
<input type="checkbox"/> Slow	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate	<input type="checkbox"/> Heavy	<input type="checkbox"/> Opaque
<input type="checkbox"/> Medium	<input type="checkbox"/> Heavy	<input type="checkbox"/> Heavy	<input type="checkbox"/> Heavy		
<input type="checkbox"/> Fast					

Chemical Test	Result
Temperature	°C
Electrical Conductivity (EC)	mS/cm
pH	pH units
Turbidity	NTU
Dissolved Oxygen (DO)	mg/L
Phosphates	mg/L

**Observations**

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Water Quality Guidelines			
Parameter	Freshwater Lakes	Lowland Streams	Enclosed Coastal
Temperature	-	-	-
Electrical Conductivity (EC)	0.5 mS/cm	0.5mS/cm	-
Turbidity	< 20	< 50	< 6
pH	6.5 - 8.0	6.5 - 8.0	8.0 - 8.4
Dissolved Oxygen (DO)	90 - 110 % saturated	85 - 110 % saturated	90 - 105 % saturated
Phosphates	0.01 mg/L	0.05 mg/L	0.02 mg/L