

# NSW Waterwatch ESTUARY SENIOR RESULT SHEET



Name: \_\_\_\_\_

Date sampled: \_\_\_\_\_

Site Name: \_\_\_\_\_

Time sampled: \_\_\_\_\_

Last rainfall: ☐ within 24 hours

☐ 1-7 days

☐ > 7 days

Rainfall description: ☐ light

☐ medium

☐ heavy

Comments: (weather conditions, visible pollution, wildlife present, odour, algae etc.)

Test	Units	Results	Results according to the ANZECC guidelines for Estuary sites <i>(tick the box)</i>	
Temperature	°C		-	
pH	pH units		≤6.5	<input type="checkbox"/> POOR
			7-8.5	<input type="checkbox"/> HEALTHY
			≥ 9	<input type="checkbox"/> POOR
Electrical Conductivity* (Salinity)	µS/cm		< 1500 µS/cm	<input type="checkbox"/> FRESHWATER
			1510-4800 µS/cm	<input type="checkbox"/> BRACKISH
			> 4800-51,500 µS/cm	<input type="checkbox"/> ESTUARY
			> 51,500 µS/cm	<input type="checkbox"/> MARINE or ESTUARY (high tide)
Turbidity	NTU		≤ 10 NTU	<input type="checkbox"/> HEALTHY
			> 15 NTU	<input type="checkbox"/> MAY AFFECT ESTUARY HEALTH
Available Phosphate	mg/L (Same as ppm)		< 0.06 mg/L	<input type="checkbox"/> LOW <i>(Excellent)</i>
			0.06 - <0.15 mg/L	<input type="checkbox"/> MEDIUM
			0.15 - <0.45 mg/L	<input type="checkbox"/> HIGH
			≥ 0.45 mg/L	<input type="checkbox"/> VERY HIGH <i>(Very Poor)</i>
Dissolved oxygen	mg/L		<80 % sat.	<input type="checkbox"/> POOR <i>(water quality decrease further as % sat. decreases)</i>
	% saturation			
	% saturation		80 – 110% sat.	<input type="checkbox"/> VERY GOOD
			>110% sat. (super saturation)	<input type="checkbox"/> POOR

**SEE OVER THE PAGE FOR CALCULATING EC WITH DILUTION**

**Calculating readings in millisiemens/centimetre (mS/cm) – HIGH EC METER**

If the result is given in mS/cm, then multiply your result by the dilution factor, then multiply by 1000, to return the result to measure in  $\mu\text{S/cm}$ .

No. on Screen	Dilution Factor	EC mS/cm	Convert to mS/cm (x1000)	* EC $\mu\text{S/cm}$
			x 1000	

**Don't forget to upload your data to the NSW Waterwatch Atlas of Living Australia Database at <http://root.ala.org.au/bdrs-core/nswwww/home.htm>**