

Physical and Chemical Analysis Data Form

Waterwatch Melbourne Physical and Chemical Analysis

Monitoring site details

Site code: ME-YDA 435

Site description: Creech

Name of monitoring group

Persons monitoring: Peter, Joni, Wendy, Julia

Date and time of monitoring: 15/11/21 3:00 PM

Please record your data below:

Parameter	Reading	Unit	Comments
Air Temperature	17	°C	
Water Temperature	15.8	°C	
Turbidity	50	NTU	
pH	7.9 7.9	Unit	
Conductivity	400-4400-410	µS / cm	
Dissolved Oxygen	10	mg / L	% Saturation
Phosphate (If using Lamotte Smart2 Colorimeter multiply by 0.325 to calculate mg/L)	0.15	mg / L	
Ammonium	0.02 0.02-0.04	mg / L	* with the new chemicals
Nitrate		mg / L	

Observations and Notes:

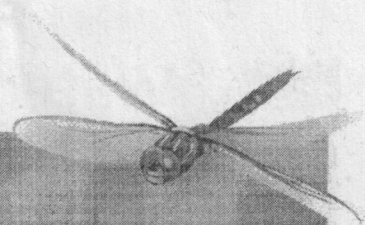
What has changed since last time you monitored?

Creech water level high, have had lots of rain

What stands out about the site today?

Debris mainly found up in the trees rather than on the ground

Other observations:



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Waterway Information

Rate of flow:

- ☐ Very fast ☒ Fast ☐ Normal base flow ☐ Slow ☐ Trickle
☐ None ☐ Permanent ☐ Temporary ☐ Other

If 'Other', please specify:

Type of flow:

- ☐ Rising ☒ Steady ☐ Falling ☐ Peak ☐ Dry ☐ Pools / Puddles ☐ Other

If 'Other', please specify:

Waterway Appearance:

- ☐ Clear ☒ Muddy ☐ Smelly ☒ Frothy ☒ Scummy
☐ Oily ☐ Discoloured ☐ Milky ☐ Stained brown ☐ Other

If 'Other', please specify:

Waterway depth: 80-90 cm (0 to 3000cm)

Waterway width: 500 cm (0 to 100m)

Weather:

- ☐ Sunny ☒ Cloudy ☒ Overcast ☐ Showers ☐ Rain
☐ Hail ☐ Windy ☐ Foggy ☐ Other

If 'Other', please specify:

Spotty rain intermittent

Last rainfall:

- ☐ Raining now ☒ Last 24hrs ☐ Last 3 days ☐ Last 7 days ☐ More than a week ago

Litter / Pollutants:

- ☒ Cans ☐ Paper ☒ Clothing ☐ Oil (m²)
☐ Food Packets ☒ Plastic ☐ Polystyrene ☐ Car bodies
☒ Waxed Cardboard ☐ Bottles ☐ Petrol/Diesel (m²) ☐ Other

If 'Other', please specify:

Plastic bags and clothing/fabric hanging in trees (from high water)