Physical and Chemical Analysis Data Form

Waterwatch Melbourne Physical and Chemical Analysis

Monitoring site details
Site code: YMR118
Site description: Mein Creek @ CERES

Name of monitoring group
Persons monitoring: Julia & ICES
Date and time of monitoring: 13/7/22 @ 11am

Please record your data below:

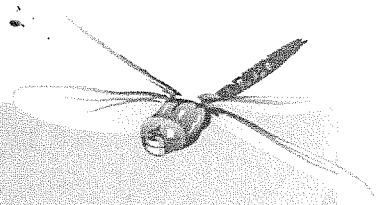| Parameter	Reading		Comments
Air Temperature	12	° C	
Water Temperature	13.2	° C	
Turbidity	78	NTU	
pH	7.8	Unit	
Conductivity	550	µ S / cm	
Dissolved Oxygen	—	mg / L	% Saturation
Phosphate (If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)		mg / L	
Ammonium		mg / L	
Nitrate	—	mg / L	

Observations and Notes:

What has changed since last time you monitored?

High Flow, lots of foam
Deep

What stands out about the site today?

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: _____ **cm** (0 to 3000cm)) *higher than usual*
Waterway width: _____ **cm** (0 to 100m)

Weather:
☐ Sunny ☑ Cloudy ☑ Overcast ☐ Showers ☐ Rain
☐ Hail ☐ Windy ☐ Foggy ☐ Other
If 'Other', please specify:

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: