

Physical and Chemical Analysis Data Form

Waterwatch Melbourne Physical and Chemical Analysis

Monitoring site details

Site code: ME_YDA435

Site description: Creek Sample

Name of monitoring group

Persons monitoring: Julia, Kostas, Wendy, Peter, Alana, Alisa, Anna, Patrick

Date and time of monitoring: 24/12/19 10:30 AM

Please record your data below:

Parameter	Reading	Comments
① Air Temperature	22.4 °C	
② Water Temperature	20.6 °C	
Turbidity	≤ 9 NTU	
pH	7.4 Unit	
Conductivity	890 µS / cm	
⑤ Dissolved Oxygen	6.0 mg / L	70 % Saturation
④ Phosphate <small>(If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)</small>	0.07 mg / L	
③ Ammonium	0.03-0.04 mg / L	
Nitrate	_____ mg / L	

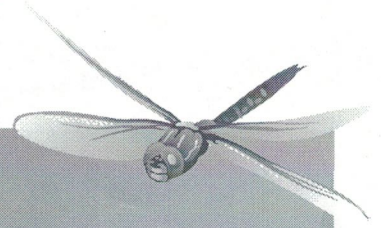
Observations and Notes:

What has changed since last time you monitored?

What stands out about the site today?

Very slow flow rate, fairly clear water, some detergent on surface

Other observations:



Physical and Chemical Analysis Data Form

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: ± 35 cm (0 to 3000cm) (very shallow)

Waterway width: ± 350 cm (0 to 100m) (3.5m)

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: