

Physical and Chemical Analysis Data Form

Waterwatch Melbourne Physical and Chemical Analysis

Monitoring site details

Site code: YQR 006
 Site description: Pebblebank Pt

Name of monitoring group

Persons monitoring: Sud, Liz, John Sh, Susan Dan, Xavier Th (Recorder)
 Date and time of monitoring: 6/8/2023 (Chem tests)

Please record your data below:

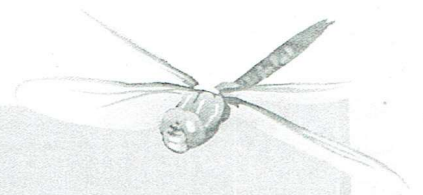
Parameter	Reading	Comments
Air Temperature	14 °C	
Water Temperature	11 °C	FOR EC METRE
Turbidity	44 NTU	
pH	6.9 Unit	
Conductivity	306 306 µS / cm	
Dissolved Oxygen	1.9 mg / L	11 % Saturation
Phosphate <small>(If using Lamotte Smart2 Colormeter multiply by 0.326 to calculate mg/L)</small>	0.02 mg / L	NEED NEW REAGENT SUPPLIES
Ammonium	0.02 mg / L	
Nitrate	mg / L	

Observations and Notes:

What has changed since last time you monitored?
 - REVEGETATION OF REEDS - Restoration of verges after construction of new access landing in 2019/20
 - LOT OF RUBBISH

What stands out about the site today?
 - WATER QUALITY POOR, VERY MURKY / SCUMMY

Other observations: Vegemite Chr running clear.



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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: 1000 cm (0 to 3000cm)

Waterway width: _____ m (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 (record no.):

- | | | | |
|-------------------------|--------------------|-------------------------------------|---------------------------|
| ___ Cans | <u>111</u> Paper | ___ Clothing | ___ Oil (m ²) |
| <u>111</u> Food Packets | <u>111</u> Plastic | <u>1</u> Polystyrene | ___ Car bodies |
| ___ Waxed Cardboard | <u>1</u> Bottles | ___ Petrol/Diesel (m ²) | ___ Other (specify) |