

Physical and Chemical Analysis Data Form

Waterwatch Melbourne Physical and Chemical Analysis

Monitoring site details

Site code: YGR 006
 Site description: Pobblebonk Pt.

Name of monitoring group

Persons monitoring: John Sh. - Xavier Thornton.
 Date and time of monitoring: 2nd March 2024 10.00

Please record your data below:

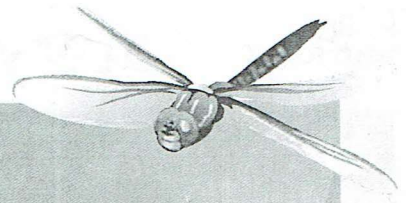
Parameter	Reading	Unit	Comments
Air Temperature	18	°C	
Water Temperature	20	°C	
Turbidity	34	NTU	
pH	6.8	Unit	
Conductivity	379	µS / cm	
Dissolved Oxygen	1.6	mg / L	20 % Saturation
Phosphate <small>(If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)</small>	0.23	mg / L	
Ammonium	0.4	mg / L	Extreme - water very black & frothy
Nitrate		mg / L	

Observations and Notes:

What has changed since last time you monitored? Black water event - no rain since Jan 19th, 6 weeks ago - Chem tests upstream by EPA on Expo day, 24th Feb.

What stands out about the site today?
 Water very black, frothy scummy

Other observations:
 2 b'ducks, 1 coot



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:

no flow

Waterway Appearance:

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

If 'Other', please specify:

Waterway depth: _____ 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

*last rain Jan 19th
6 weeks ago.*

Litter / Pollutants (record no.):

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