

Physical and Chemical Analysis Data Form

Waterwatch Melbourne Physical and Chemical Analysis

Monitoring site details

Site code: ID 436

Site description: Drain under the Bridge (Murray Rd & Southern Rd)

Name of monitoring group

Persons monitoring:

Date and time of monitoring: 10.52 am 27/10/2018

Please record your data below:

Parameter	Reading	Unit	Comments
Air Temperature	18.3	°C	bit of breeze
Water Temperature	15.1	°C	cold under surface
Turbidity	9	NTU	good, clear water
pH	7.9 8.0	Unit	alkaline > 7
Conductivity	900	µS / cm	good, clear water no good, high salt
Dissolved Oxygen	8	mg / L	% Saturation
Phosphate (If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)	0.08	mg / L	poor (?) detergent high nutrients.
Ammonium	0	mg / L	good, no leaking etc
Nitrate	nil	mg / L	

Observations and Notes:

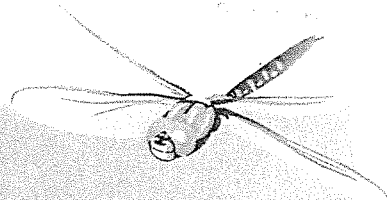
What has changed since last time you monitored?

First monitoring

What stands out about the site today?

Drain: slow-moving & bubbler.

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:

not much flow

Waterway Appearance:

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

If 'Other', please specify:

Bubbles

Waterway depth: 25 cm (0 to 3000cm)

Waterway width: 1.5 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: