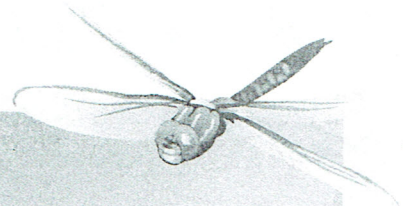
healthy waterways **Waterwatch Program**

Physical and Chemical Analysis Data Form



Waterwatch Melbourne Physical and Chemical Analysis

Monitoring site details

Site code: YARR006 Pobblebonk Rd

Site description:

Name of monitoring group

Persons monitoring: SuD, AmaP, ElaineB, JohnSh, JohnB, Thanushi.

Date and time of monitoring: 10 AM. 4.6.17

↳ NB - John Bennett has a made a Turbidity detection meter & calibrated it

Please record your data below: La Motte

Parameter	Reading	Comments
Air Temperature	~~8~~ 7.6 °C	
Water Temperature	10° °C	
Turbidity	JB 25 / 25 FTU NTU	Very Accurate
pH	6.5 Unit	
Conductivity	250 µS / cm	
Dissolved Oxygen	* Visicolor. 3.5 / LaMotte 2.9 mg / L	33 % Saturation
Phosphate (If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)	0.03 0.00978 mg / L	
Ammonium	* Visicolor. High > 0.80 (on dilution) mg / L	Diluted 1:1
Nitrate	mg / L	

Observations and Notes:

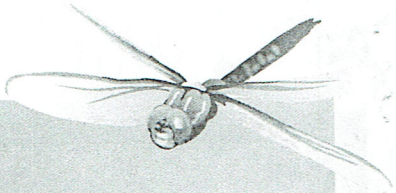
What has changed since last time you monitored? Cumbungi dying back — almost dead!

Tea tree on opposite falling.

What stands out about the site today?

Other observations: 4 ♂ 3 ♀ Pacific ducks.

healthy waterways Waterwatch Program



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: 1.1 **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:

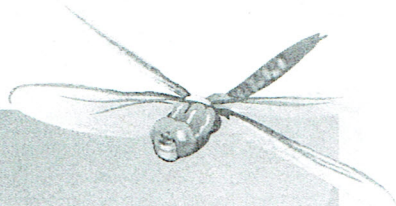
☐ Raining now ☐ Last 24hrs ☑ Last 3 days 1mm ☑ Last 7 days 14mm ☐ More than a week ago

Litter / Pollutants (record no.):

___ Cans ✓ Paper ___ Clothing ___ Oil (m^2)
___ Food Packets ✓ Plastic ✓ Polystyrene ___ Car bodies
___ Waxed Cardboard ✓ Bottles ___ Petrol/Diesel (m^2) ___ Other (specify)

healthy waterways Waterwatch Program

Physical and Chemical Analysis Data Form



Waterwatch Melbourne Physical and Chemical Analysis

Monitoring site details

Site code: YGR 020. The Landing

Site description:

Name of monitoring group SD JB JS TP EB AP

Persons monitoring:

Date and time of monitoring: 10.27am 4.6.17

Please record your data below: La Motte

Parameter	Reading	Comments
Air Temperature	8° C	
Water Temperature	10° C	
Turbidity	JB 18 19FTU NTU	
pH	6.7 Unit	
Conductivity	120 µS / cm	
Dissolved Oxygen	Visicolor. 5 / LMotte 4.1 mg / L	45 % Saturation
Phosphate (If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)	.01 mg / L	
Ammonium	Visicolor 0.15 mg / L	
Nitrate	mg / L	

Observations and Notes:

What has changed since last time you monitored?

What stands out about the site today? Debris in water

Bank beside landfill is continuing to break away.

Other observations: 1 Coot

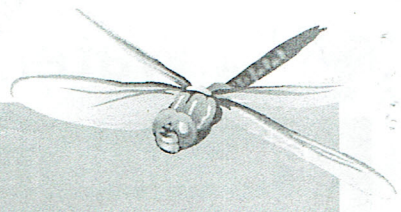
2 P/Black ducks

1 Bucky Moorhen

Victoria

Melbourne Water

healthy waterways Waterwatch Program



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: Almost black tinge

Waterway depth: 850 mm **cm** (0 to 3000cm)
Waterway width: _____ **m** (0 to 100m)

Weather:

☐ Sunny ☐ Cloudy ☐ Overcast ☐ Showers ☐ Rain
☐ Hail ☐ Windy ☑ Foggy ☐ Other

If 'Other', please specify: Sun trying to come through.

Last rainfall:

☐ Raining now ☐ Last 24hrs ☑ Last 3 days ☑ Last 7 days ☐ More than a week ago

1 mm

Litter / Pollutants (record no.):

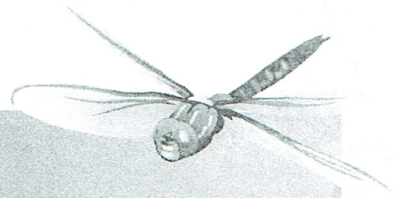
✓ Cans	__ Paper	__ Clothing	__ Oil (m²)
__ Food Packets	✓ Plastic	__ Polystyrene	__ Car bodies
__ Waxed Cardboard	__ Bottles	__ Petrol/Diesel (m²)	__ Other (specify)

Not alot of rubbish though.

State Government Victoria

Melbourne Water

healthy waterways **Waterwatch Program**



Physical and Chemical Analysis Data Form

Waterwatch Melbourne Physical and Chemical Analysis

Monitoring site details

Site code: 023

Site description: Heron Point

Name of monitoring group

Persons monitoring: SD JB JS TP EB AP

Date and time of monitoring: 4·6·17

Please record your data below:

Parameter	Reading	Comments
Air Temperature	8 °C	
Water Temperature	10.5 °C	
Turbidity	JB. IB 12 FTU HH NTU	
pH	6·4 Unit	
Conductivity	-110 µS / cm	
Dissolved Oxygen	5 6.0 mg / L	57 % Saturation
Phosphate (If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)	0.01 mg / L	
Ammonium	·07 mg / L	
Nitrate	mg / L	

Observations and Notes:

What has changed since last time you monitored? Poplars totally bare.

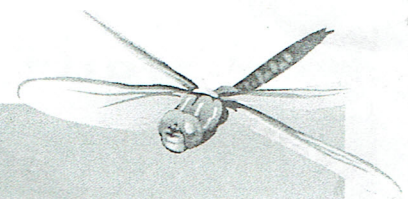
What stands out about the site today?

Other observations:

Victoria

Melbourne Water

healthy waterways Waterwatch Program



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: 1.5 + **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 1mm. ☑ Last 7 days 14mm ☐ More than a week ago

Litter / Pollutants (record no.):

___ Cans ___ Paper ___ Clothing ___ Oil (m²)
___ Food Packets ___ Plastic ___ Polystyrene ___ Car bodies
___ Waxed Cardboard ___ Bottles ___ Petrol/Diesel (m²) ___ Other (specify)