

Physical and Chemical Analysis Data Form

Waterwatch Melbourne Physical and Chemical Analysis

Monitoring site details

Site code:

ME - YFM980

Site description:

Five Mile Creek, end of Governors Rd, Essendon

Name of monitoring group

Persons monitoring:

Julia, Lily, Esmeralda, Krzty, Orla

Date and time of monitoring:

25/1/17, 10.55 am

(Moonee Valley
Council)

200 metres u/s entrance to Moonee Ponds
Creek

ref ref 28 J2

Please record your data below:

Parameter	Reading	Comments
Air Temperature	21.5 °C	In shade
Water Temperature	18.2 °C	Collected in shade
Turbidity	9 NTU	Clear at top of tube
pH	6.0 Unit	
Conductivity	270 µS / cm	
Dissolved Oxygen	5 mg / L	55 % Saturation
Phosphate (If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)	0.04 mg / L	
Ammonium	mg / L	
Nitrate	mg / L	

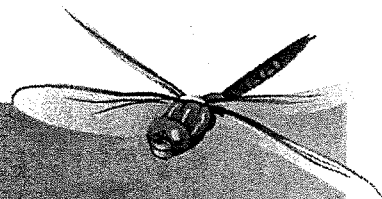
Observations and Notes:

What has changed since last time you monitored?

What stands out about the site today?

Gambusia/Mosquito fish seen on water banks. Boddabank frogs heard

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:

very extremely slow

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:

(Turbidity result confirms observation)

Waterway depth: 25-100 cm (0 to 3000cm)

Waterway width: 2-3 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:

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

If 'Other', please specify:

Deck/folding chair, ^{car} tyre, brick