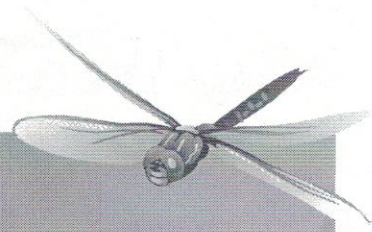wet 30/6/19

Waterwatch Program
healthy waterways

Physical and Chemical Analysis Data Form

Waterwatch Melbourne Physical and Chemical Analysis

Monitoring site details
Site code: ME - YDA 436
Site description: Drain side

Name of monitoring group
Persons monitoring: Patrick, Alana, Anna, Shan, Peter
Date and time of monitoring: 26/5/19   10 AM

Please record your data below:

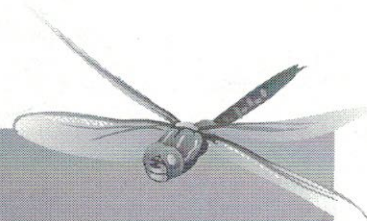| Parameter	Reading	Comments
Air Temperature	13.3 °C	
Water Temperature	13.1 °C	
Turbidity	15.5 NTU	
pH (calibrated)	(7.4) ~~7.3~~ ~~7.7~~ ~~7.8~~ Unit	
Conductivity	(770) ~~770~~ µS / cm	
Dissolved Oxygen	8.0 mg / L	% Saturation
Phosphate (If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)	0.1 mg / L	
Ammonium	0.02 mg / L	
Nitrate	—— mg / L	

Observations and Notes:

What has changed since last time you monitored?

Fairly heavy rain in last 24 hrs, also a bit over the days prior

What stands out about the site today?

The creek level is higher, the drain is flowing slow though

Other observations:

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: _____35_____ **cm** (0 to 3000cm)

Waterway width: _____200_____ **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:

weeds & vegetation