

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: Costa, Anna, Wendy, Peter

Date and time of monitoring: 28/4/19

Please record your data below:

| Parameter | Reading | Comments |
|------------------------------------------------------------------------------------------|--------------------|-------------------------------------------------|
| 1 Air Temperature | 13.6 °C | same as |
| 2 Water Temperature | 13.6 °C | water same as |
| Turbidity | <10 NTU | |
| pH calibrated ✓ | 7.7-7.8 Unit | |
| Conductivity | (17.2) 970 µS / cm | * test was done inside so water temp was higher |
| 5 Dissolved Oxygen | 7.0 mg / L | 70 % Saturation |
| 4 Phosphate (If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L) | 0.04 mg / L | |
| 3 Ammonium | 0.0 mg / L | more orange than yellow/green |
| Nitrate | mg / L | |

Observations and Notes:

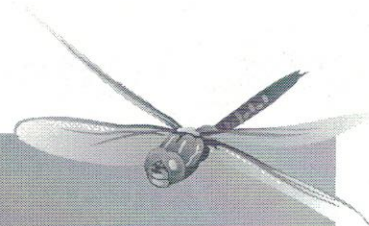
What has changed since last time you monitored?

Drain water levels low, hardly flowing. (photos)

What stands out about the site today?

Water very clear.

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:

Waterway Appearance:

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

If 'Other', please specify:

Waterway depth: 15 cm (0 to 3000cm)

Waterway width: 300 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:

Not much litter. Had a reasonable bit of rain 3 days ago. Washed down?