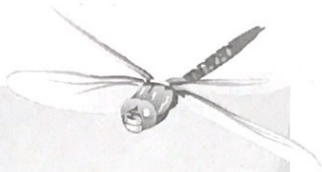
healthy waterways Waterwatch Program



Physical and Chemical Analysis Data Form

Waterwatch Melbourne Physical and Chemical Analysis

Monitoring site details

Site code: ME-YMR 141

Site description: Connolly St Bridge

Name of monitoring group

Persons monitoring: Tan, Evelyn, Willow

Date and time of monitoring: 30th Jan 2023 10:00 AM

Please record your data below:

Parameter	Reading		Comments
Air Temperature	20	°C	
Water Temperature	21.2	°C	
Turbidity	10.5	NTU	
pH	7.4	Unit	
Conductivity	1130	µS / cm	
Dissolved Oxygen	10.	mg / L	% Saturation
Phosphate (If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L)	0.10	mg / L	
Ammonium	0.0	mg / L	
Nitrate	-	mg / L	

Observations and Notes:

What has changed since last time you monitored? N/A

What stands out about the site today? NIL

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: < 30 **cm** (0 to 3000cm)
Waterway width: < 7000 **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:

Melbourne WATERWATCH

Calibration Record Sheet

Group name: MERRI BIRDIES	**Coordinator:** JULIA CIRILLO
Equipment type: EC TESTR11 + pH TESTR10	**Supplier:** WESTLAB
Date purchased:	**Equipment number:**

Proposed calibration frequency: BEFORE EACH COLLECTION

The following table can be used to record up to a three-point calibration.

Date	Calibration standard expiry date	Calibration results						Comments
		Expected value	Measured value	Expected value	Measured value	Expected value	Measured value	
	28/05	pH SOLUTIONS 7 & 4 CHANGED ; EXP						OCT '21
28/5		4	3·7	7	6·7	10	9·0	
		1314	990					
25/6		4	4	7	6·9			
	30/01	PH Solutions 7 and 4 changed				EXP		May '23
30/01		4	3.5	7	6.5	10	8.8	[illegible]
		14 13	1620					