

Physical / Chemical Analysis & Macro-Invertebrates

Name of monitoring group: Friends of Wilson Reserve

Person(s) monitoring: D Barr M Fievez

Date of monitoring: 14-2-17

Time: 0845

Site code: ME_YYR809

Site description: Baileys Billabong West

Please record your data below:

Parameter	Reading	Comments
Ammonia-Nitrogen	0.35 mg/L	0.06 Reagent Blank 0.29
Dissolved Oxygen	1.4 mg/L	14.96% sat'n
Water Temperature	18.5 °C	
Air Temperature	17.5 °C	
pH	6.9 Unit	
Conductivity	410 µS/cm	
Reactive Phosphorus	0.13 mg/L	If using Lamotte Smart2 Colorimeter multiply by 0.326 to calculate mg/L 0.04
Turbidity	9.5 NTU	

Weather conditions at the time of sampling:

☐ Cloudy ☒ Overcast ☐ Rain ☐ Windy ☐ Sunny ☐ Other: _____

Rainfall:

☐ Over a week ago ☒ During last week ☐ During Last 24hrs ☐ Raining Now Rainfall mm 6

Rate of Flow:

☐ Not flowing ☐ Moderate ☐ Temporary ☐ Slow ☐ Rapid ☒ Permanent

Flow Indicator (ml/day)

Water Appearance:

☒ Clear ☐ Milky ☐ Foamy/Frothy ☐ Stained Green ☐ Muddy

☐ Scummy ☐ Oily ☐ Smelly ☐ Stained Brown ☒ Other: 100% cover with azolla

Stream Depth & Width

Depth: ☒ 0-50 cm ☐ 51cm-99cm ☐ 1m-2m ☐ >2m ☐ Other: _____

Width: ☐ 2m-5m ☐ >5m ☐ Unknown ☒ Other: 50m

Drains

☐ Water flowing from drains? Colour? Odour?

Circumstantial hazards & Additional risks

Hazard: Risk:

Litter Pollutants:

(Circle)

Bottles Car bodies Oil Paper Plastic Waxed Cardboard Cans Clothing Packets Petrol/Diesel

Polystyrene Other: _____