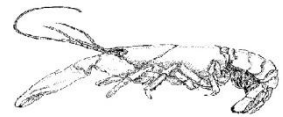




Friends of Scotchmans Creek and Valley Reserve Inc



Inc No A0037872K

Waterwatch Report 20 August 2023

Scope

- Basic chemistry and ammonium tests at all sites. No pH or phosphorus were tested due to chemicals unavailable.
- Dissolved Oxygen tests at sites 1a & 1b (upstream sites).
- Ammonium tests at all sites.
- Flow measurement and stream observations at all sites.

Weather Conditions

Previous week: some frosty nights, 15mm rain.

Previous 24 hours: Overcast / cloudy, no rain.

During testing: Overcast / cloudy.

Water Quality Results

	YSC010 Site 1A Fiander arm	YSC012 Site 1B Crosby arm	YSC020 Site 2 Regent St	YVA100 Site 3 Valley Creek
Air Temp C	13	13	13	13
Water Temp C	11.5	11.5	12	12
pH				
Oxygen Conc. mg/l	9.1 E	8.8 E		
Conductivity E.C.	540 P	340 F	290 F	300 F
Turbidity F.T.U	21 P	39 D	16 G	21 P
Phosphorus, soluble ppm				
Ammonium NH ₄ ⁺ ppm	0.00 E	0.00 E	0.00 E	0.00 E
Stream Flow estimate l/s	17.5	6.3	32.0	0.2

(E = Excellent, G = Good, F = Fair, P = Poor, D = Degraded)

Comments:

- No pH or phosphorus measurements were taken as there was no chemicals available.
- Oxygen level was Excellent for Sites 1a and 1b.
- Conductivity was Poor to Fair
- Water appearance was muddy for Sites 1a & 1b.
- Ammonium level for all sites was Excellent (zero).
- Valley Creek flow was low.

ML / FGB 20/08/23.