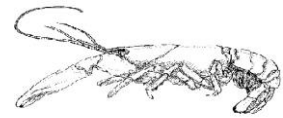




Friends of Scotchmans Creek and Valley Reserve Inc



Inc No A0037872K

Waterwatch Report 23 August 2015

Scope

- Basic chemistry and ammonium tests at sites 1a, 1b, 2, 3.
- Dissolved Oxygen and Phosphate tests at 1a, 1b.
- Flow measurement and/or observations at sites 1a, 1b, 2, 3.

Weather Conditions

During testing: Light clouds, clearing.

Previous 24 hours: Clear

Previous week: Cold at first with 11 mm rain, then a sign of spring weather.

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	11
Water Temp C	10.5	11	11	11
pH	6.9 E	6.4 E	6.7 E	6.7 E
Oxygen Conc. mg/l	8.0 E	7.5 G		
Conductivity E.C.	590 P	370 F	150 G	490 F
Turbidity F.T.U	13 E	7 E	10 E	88 D
Phosphorus, soluble ppm	0.049 F	0.124 D		
Ammonium NH ₄ ⁺ ppm	0.02 E	0.10 F	0.15 F	0.10 F
Stream Flow (volume) l/s	6.5	4.7	12.3	0.1

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

Comments:

Results are Fair to Excellent except

- Poor conductivity result in Scotchmans Creek upstream (site 1a), and the water was cloudy.
- Degraded phosphate result in Glen Waverley Drain (site 1b), but very clear appearance.
- Valley Creek was flowing at a trickle, with very cloudy appearance (turbidity rated Degraded), and high conductivity (rated Fair).

FGB

24/8/2015