



Friends of Scotchmans Creek and Valley Reserve Inc



Inc No A0037872K

Waterwatch Report 21 August 2016

Scope

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

Weather Conditions

Previous week: 16 mm rainfall.

Previous 24 hours: Cloudy, 2 mm rainfall.

During testing: Overcast.

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	12	12	12	12
Water Temp C	11.5	11	11	11
pH	7.4 G	7.0 E	6.9 E	7.2 G
Oxygen Conc. mg/l	9.0 E	9.5 E		
Conductivity E.C.	380 F	210 G	190 G	260 F
Turbidity F.T.U	27 P	13 E	21 P	15 G
Phosphorus, soluble ppm	0.033 F	0.062 P		
Ammonium NH ₄ ⁺ ppm	0.04 E	0.02 E	0.04 E	0.00 E
Stream Flow (volume) l/s	19.4	11.6	42.0	14.0

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

Comments:

- The creeks are looking good, which is borne out by the test results, except for turbidity in Scotchmans Ck (sites 1a and 2) and phosphorus in Glen Waverley Drain (site 1b).
- There was more litter than usual (but still not a lot) in Valley Ck.
- The willows at Regent St are dropping deteriorated limbs into the creek.

FGB, 22/8/16