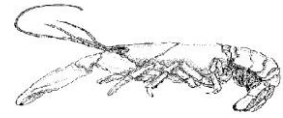




## Friends of Scotchmans Creek and Valley Reserve Inc



Inc No A0037872K

### Waterwatch Report 19/May/2024

#### Scope

- Basic chemistry tests at all sites.
- Dissolved Oxygen and Phosphate tests at sites 2, 3 (our downstream sites)
- Ammonium tests at all sites.
- Flow measurement and/or observations at all sites.
- We omitted the scheduled invertebrates survey because only 2 people were on site.

#### Weather Conditions

Previous week: 2 mm rainfall.

Previous 24 hours: Sunny day, chilly overnight.

During testing: Overcast.

#### Water Quality Results

	<b>YSC010 Site 1A Fiander arm</b>	<b>YSC012 Site 1B Crosby arm</b>	<b>YSC020 Site 2 Regent St</b>	<b>YVA100 Site 3 Valley Creek</b>
Air Temp C	10	10	10	10
Water Temp C	12	12	11	10
pH	7.4 G	6.8 E	6.7 E	6.8 E
Oxygen Conc. mg/l			9.5 E	7.8 G
Conductivity E.C.	420 F	90 E	240 G	280 F
Turbidity F.T.U	44 D	6 E	12 E	19 F
Phosphorus, soluble ppm			0.055 P	0.068 P
Ammonium NH <sub>4</sub> <sup>+</sup> ppm	0.00 E	0.00 E	0.00 E	0.00 E
Stream Flow estimate l/s	3.7	14.0	21.5	0.1

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

**Comments:**

At the upstream sites (ME\_YSC010, ME\_YSC012)

- Scotchmans Ck (ysc010) was muddy, conductivity was high, and had very low flow.
- Glen Waverley Drain (ysc012) was clear, low conductivity, and was flowing normally.

At the downstream sites (ME\_YSC020, ME\_YVA100)

- Scotchmans Ck (ysc020) rated good to excellent except for poor phosphate level, and was flowing normally.
- Valley Ck (yva100) rated fair to excellent except for poor phosphate level, and was flowing very slowly.

FGB 20/05/2024