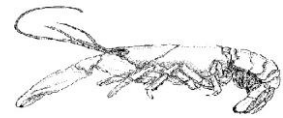




## Friends of Scotchmans Creek and Valley Reserve Inc



Inc No A0037872K

### Waterwatch Report 21 August 2022

#### Scope

- Basic chemistry tests at all sites.
- Dissolved Oxygen and Phosphate tests at our upstream sites (1a, 1b)
- Ammonium tests at all sites.
- Flow measurement and/or observations at all sites.

#### Weather Conditions

Previous week: 26 mm rain

Previous 24 hours: Sunny, rain overnight

During testing: Sunny

#### 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	9.5	9.5		
Water Temp C	12	10	10.5	9.5
pH	7.6 G	7.4 G	7.1 G	7.0 E
Oxygen Conc. mg/l	9.8 E	10.0 E		
Conductivity E.C.	540 P	360 F	270 F	320 F
Turbidity F.T.U	22 P	15 G	33 D	28 P
Phosphorus, soluble ppm	0.026 F	0.052 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	9.0	9.1	47.0	0.3

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

**Comments:**

- The ammonium test reagents are overdate, and are known to suddenly become nonresponsive. We obtained 0 ppm results at all our sites for the second month in succession, which is highly unusual. So we are disregarding the ammonium test result.

ML / FGB 21/8/22.