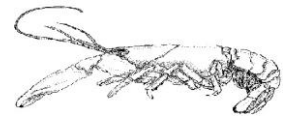




## Friends of Scotchmans Creek and Valley Reserve Inc



Inc No A0037872K

### Waterwatch Report 19 June 2022

#### Scope

- Habitat assessment at our upstream sites (1a, 1b)
- 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: Cloudy, 11 mm rain

Previous 24 hours: Sunny, no rain

During testing: Partly cloudy

#### 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	11	10	10.5	10
pH	7.4 G	7.2 G	7.1 G	7.1 G
Oxygen Conc. mg/l	9.1 E	7.1 G		
Conductivity E.C.	460 F	360 F	400 F	330 F
Turbidity F.T.U	10 E	10 E	17 G	19 F
Phosphorus, soluble ppm	0.000 E	0.068 P		
Ammonium NH <sub>4</sub> <sup>+</sup> ppm	0.04 E	0.00 E	0.04 E	1.00 D
Stream Flow estimate l/s	15.2	7.5	44.6	3.3

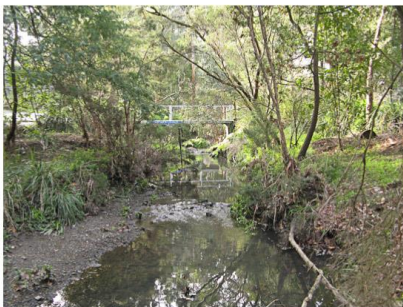
(E = Excellent, G = Good, F = Fair, P = Poor, D = Degraded)

## Habitat Assessments

Site 1a, Scotchmans Creek upstream of Crosby Drive/Turner Court. Extensive overgrowth of ivy and other introduced species in some areas. The scoring was 23/40, rated as Fair.

Site 1b, Glen Waverley Drain. Southern bank and verge has improved weed control. The scoring was 26/40, rated as Fair.

The habitat photosets are below.



IMG\_7521 Site 1a Up



IMG\_7522 Site 1a Across



IMG\_7523 Site 1a Down



IMG\_7518 Site 1b Up



IMG\_7519 Site 1b Across



IMG\_7520 Site 1b Down

## Comments:

- Valley Creek had 1 ppm ammonium (Degraded rating), which is unusually high for any of our sites and required dilution of the sample to be measurable with our test kit.

FGB 21/6/22