



Friends of Scotchmans Creek and Valley Reserve Inc



Inc No A0037872K

Waterwatch Report 19th July 2026

Scope

- Basic chemistry and ammonium tests at all sites.
- Dissolved Oxygen and Phosphorus tests at sites 2, 3 (downstream sites).
- Flow measurement and/or observations at all sites.
- Habitat surveys at the downstream sites.

Weather Conditions

Previous week: 12 mm rain.

Previous 24 hours: Sunny.

During testing: Sunny.

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	9	9	9	9
Water Temp C	10.5	10.5	9	9
pH	7.6 G	7.3 G	7.1 G	7.1 G
Oxygen Conc. mg/l			8.4 E	7.8 G
Conductivity E.C.	518 P	342 F	552 P	567 P
Turbidity F.T.U	11 E	15 G	18 F	23 P
Phosphorus, soluble ppm			0.049 F	0.000 E
Ammonium NH ₄ ⁺ ppm	0.00 E	0.00 E	0.04 E	0.00 E
Stream Flow estimate l/s	10.4	34.6	23.1	estimate 0.15

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

Habitat Surveys

Site YSC020 (2), Regent Street. New plantings along east bank are settling in well. In-stream vegetation is still poor. The numerical scoring was 24/40, rated Fair.

Site YVA100 (3), Valley Creek. Further improvement from previous year on south bank. The recent flash flooding has impacted south bank vegetation. North bank still well vegetated with native plants. The numerical scoring was 28/40, rated Fair.

The habitat photosets are below.



YSC020 upstream 20260719_103347



YSC020 across stream 20260719_103421



YSC020 downstream 20260719_103440



YVA100 upstream 20260719_104006



YVA100 across stream 20260719_104053



YVA100 downstream 20260719_104141

Comments:

- Higher than usual conductivity readings recorded for Sites 2 and 3.
- Habitat scoring for both downstream sites rated Fair.

MYL / FGB 19/7/26