## Trinity Point Marina - Water Quality Monitoring

**Month:** Jan-26

| Date (Hand held insitu measurements) | Location and time | Temperature (c) | PH | Turbidity (NTU) | DO (%) - 1m depth |
|---|---|---|---|---|---|
| | Relevant trigger values[b] | | 6.5-8.5 | 20 | 80-110 |
| 7/01/2026 | A (1) - 1440 | 29.6 | 7.87 | 2.38 | 91.8 |
| | C (3) - 1445 | 29 | 7.87 | 1.53 | 83.3 |
| | D (4) - 1450 | 28.5 | 7.69 | 1.01 | 82.1 |
| | B (2) - 1455 | 29.3 | 7.7 | <1 | 77.9 |
| Weekly comments | Weather; Fine with NE wind | | | | |
| Name of sample collector | M. Louis | | | | |
| 14/01/2026 | A (1) - 0955 | 26.7 | 8.28 | 3.03 | 70.8 |
| | C (3) - 1000 | 26.8 | 8.35 | 2.22 | 72.2 |
| | D (4) - 1005 | 26.6 | 8.3 | 3.83 | 71.9 |
| | B (2) - 1010 | 26.6 | 8.31 | 3.26 | 72.5 |
| Weekly comments | Weather; Overcast with moderate SE wind | | | | |
| Name of sample collector | M. Hamonet | | | | |
| 21/01/2026 | A (1) - 1126 | 26.7 | 7.88 | 1.83 | 76.9 |
| | C (3) - 1130 | 26.3 | 7.97 | 1.38 | 74.7 |
| | D (4) - 1135 | 26.9 | 7.84 | 2.27 | 75.2 |
| | B (2) - 1140 | 26.8 | 7.91 | 1.09 | 73.4 |
| Weekly comments | Weather; Cloudy with moderate wind | | | | |
| Name of sample collector | M. Hamonet | | | | |
| 29/01/2026 | A (1) - 0940 | 27.1 | 7.83 | 1.79 | 82.5 |
| | C (3) - 0945 | 27.1 | 7.91 | 1.97 | 75.7 |
| | D (4) - 0950 | 27.8 | 7.84 | 2.61 | 75.6 |
| | B (2) - 0955 | 28.1 | 7.85 | 2.82 | 73.4 |
| Weekly comments | Scatterd cloud with light wind | | | | |
| Name of sample collector | L. Lelaen | | | | |
| | A (1) - | | | | |
| | C (3) - | | | | |
| | D (4) - | | | | |
| | B (2) - | | | | |
| Weekly comments | | | | | |
| Name of sample collector | | | | | |

Weekly monitoring testing for duration of EPA licence 20631

| | | | | |
|---|---|---|---|---|
| **Monthly Maximums** | **29.6** | **8.35** | **3.83** | **91.8** |
| **Monthly Minimums** | **26.3** | **7.69** | **<1** | **70.8** |

| Other | Date | Time | Location E (5) | Location F (6) |
|---|---|---|---|---|
| Oil and grease visual inspection | 29/01/2026 | 1000 | Nil | Nil |
| Comments | No visible signs | | | |
| Name of inspector | M. Hamonet & L. Lelaen | | | |

Monthly

**Notes**

Results shaded in grey exceed relevant trigger values

[a]Results suspected to be erroneous; possibly affected by faulty sensor or poor calibration not identified

[b]sourced from section L2.4 of the EPL issued to JPG and/or Tables 3.3.2 and 3.3.3 of the ANZECC guidelines

[c]Reference data typically refers to site specific data collected over long periods that can be used to establish appropriate trigger values for

[w]represents a wet weather monitoring event

**Trinity Point Marina - Water Quality Monitoring**

**Month:** Jan-26

| NATA Laboratory testing | Date | Inside Marina location A (1) | Background location C (3) in Bardens Bay | Trigger Values[a] |
|---|---|---|---|---|
| Total suspended solids (mg/L) | 22/01/2026 | <5 | <5 | 10b |
| Ammonia as N (mg/L) | 22/01/2026 | 0.02 | 0.02 | - |
| Total Nitrogen as N (mg/L) | 22/01/2026 | 0.3 | 0.2 | 0.3 |
| Total Phosphorus as P (mg/L) | 22/01/2026 | <0.05 | 0.05 | 0.03 |
| TPH (C6-C36) (µg/L) | 22/01/2026 | <50 | <50 | - |
| PAHs (µg/L) | 22/01/2026 | <0.1 | <0.1 | - |
| Thermotolerant coliforms (cfu/100mL) | 22/01/2026 | 32 | ~6 | - |
| BTEX (Benzene) (µg/L) | 22/01/2026 | <1 | <1 | - |
| BTEX (Toluene) (µg/L) | 22/01/2026 | <1 | <1 | - |
| BTEX (Ethylbenzene) (µg/L) | 22/01/2026 | <1 | <1 | - |
| BTEX (Total Xylenes) (µg/L) | 22/01/2026 | <1 | <1 | - |
| Dissolved metals (Cadmium) (mg/L) | 22/01/2026 | <0.1 | 0.1 | 0.0055d |
| Dissolved metals (Cromium) (mg/L) | 22/01/2026 | <1 | <1 | 0.0044e |
| Dissolved metals (Copper) (mg/L) | 22/01/2026 | 3 | 2 | 0.0013 |
| Dissolved metals (Tin) (mg/L) | 22/01/2026 | <1 | <1 | - |
| Dissolved metals (Zinc) (mg/L) | 22/01/2026 | 12 | 6 | 0.015d |
| | | | | |
| | | | | |
| Comments | Envirolab ref 400242 | | | |
| Name of sample collector | Envirolab representitive - L. Schofield | | | |

10 times per year until March 2024 (2015 CEMP)

**Notes**

Shaded results indicate exceedence of 95% ANZECC trigger value(s) and/or value is 20% greater than that of background sites

Dashes (-) indicate applicable data is not provided in ANZECC guidelines (2000)

[a] Values sourced from table 3.3.2 of ANZECC guidelines (2000) unless otherwise stated; only 95% trigger values are represented

[b] Sourced from table 4.4.2 of ANZECC guidelines (2000)

[c] Species for which possible bioaccumulation and secondary poisoning effects should be considered

[d] Figure may not protect key test species from chronic toxicity

[a] Value given specifically for Cr(IV)

[f] Analyte corresponds tp "Total Phosphorus" referred to in ANZECC guidelines (2000)

[g] Elevated measurement is unlikely to be related to construction activities

[w] represents a wet weather monitoring event