Trinity Point Marina - Water Quality Monitoring

Month: Feb-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
4/02/2026	A (1) - 1300	27.2	8.05	2.95	80.4
	C (3) - 1305	26.8	8.13	3.04	78.9
	D (4) - 1310	26.7	8.22	3.44	80.7
	B (2) - 1315	26.9	8.19	2.75	82.9
Weekly comments	Weather; Clear sky with light breeze				
Name of sample collector	M. Hamonet				
11/02/2026	A (1) - 1017	27.9	7.92	3.26	69.4
	C (3) - 1022	27.8	7.88	1.37	72.8
	D (4) - 1027	28.4	7.85	1.96	76.4
	B (2) - 1032	28.5	7.88	1.66	73.9
Weekly comments	Weather; Scattered cloud with light breeze				
Name of sample collector	M. Hamonet				
18/02/2026	A (1) - 0928	26.3	7.83	3.14	71.8
	C (3) - 0933	26.2	7.85	3.85	74.7
	D (4) - 0938	26.7	7.9	1.49	77.2
	B (2) - 0943	26.8	7.87	1.5	71.6
Weekly comments	Weather; Clear sky with Northerly wind				
Name of sample collector	M. Hamonet				
23/02/2026	A (1) - 1044	27	7.84	13.8	79.6
	C (3) - 1058	28	7.94	17.4	79.6
	D (4) - 1104	28	7.91	18.7	77.2
	B (2) - 1052	28	7.9	16.2	70.4
Weekly comments	Weather; Fine				
Name of sample collector	Envirolab representitive - L. Schofield				
	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	**28.5**	**8.22**	**18.7**	**82.9**
Monthly Minimums	**26.2**	**7.83**	**1.37**	**69.4**

Other	**Date**	**Time**	**Location E (5)**	**Location F (6)**
Oil and grease visual inspection	8/02/2026	0950	Nil	Nil
Comments	No visible signs			
Name of inspector	M. Hamonet			

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: Feb-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)	23/02/2026	7	5	10b
Ammonia as N (mg/L)	23/02/2026	<0.005	0.02	-
Total Nitrogen as N (mg/L)	23/02/2026	0.2	0.2	0.3
Total Phosphorus as P (mg/L)	23/02/2026	<0.1	<0.1	0.03
TPH (C6-C36) (µg/L)	23/02/2026	<50	<50	-
PAHs (µg/L)	23/02/2026	<0.1	<0.1	-
Thermotolerant coliforms (cfu/100mL)	23/02/2026	~8	~4	-
BTEX (Benzene) (µg/L)	23/02/2026	<1	<1	-
BTEX (Toluene) (µg/L)	23/02/2026	<1	<1	-
BTEX (Ethylbenzene) (µg/L)	23/02/2026	<1	<1	-
BTEX (Total Xylenes) (µg/L)	23/02/2026	<1	<1	-
Dissolved metals (Cadmium) (mg/L)	23/02/2026	<0.2	<0.2	0.0055d
Dissolved metals (Cromium) (mg/L)	23/02/2026	<2	<2	0.0044e
Dissolved metals (Copper) (mg/L)	23/02/2026	<2	<2	0.0013
Dissolved metals (Tin) (mg/L)	23/02/2026	<2	<2	-
Dissolved metals (Zinc) (mg/L)	23/02/2026	22	12	0.015d
Comments	Envirolab ref 402727			
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