Trinity Point Marina - Water Quality Monitoring

Month: Jul-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
2/07/2026	A (1) - 0942	17.9	7.87	1.09	77.9
	C (3) - 0947	17.8	8.1	<1	77.1
	D (4) - 0954	18	8.07	<1	77.6
	B (2) - 0959	18	7.81	<1	74.1
Weekly comments	Weather; Scattered cloud with moderate breeze				
Name of sample collector	M. Hamonet				
8/07/2026	A (1) - 1115	17	7.94	1.55	69.3
	C (3) - 1120	17.1	8.11	1.36	72.2
	D (4) - 1128	18.1	8.04	1.02	70.7
	B (2) - 1133	17.8	7.93	<1	69.7
Weekly comments	Weather; Overcast with moderate breeze				
Name of sample collector	M. Hamonet				
15/07/2026	A (1) - 1113	16.7	7.94	<1	71.9
	C (3) - 1118	16.9	8.04	<1	71.4
	D (4) - 1126	16.9	7.87	<1	71.5
	B (2) - 1131	16.8	8.06	1.03	70.5
Weekly comments	Weather; loudy with moderate breeze				
Name of sample collector	M. Hamonet				
22/07/2026	A (1) - 1138	17.7	7.96	1.02	76.8
	C (3) - 1143	17.4	8.13	<1	73.4
	D (4) - 1148	17.9	8.04	<1	73.8
	B (2) - 1153	17.5	7.93	<1	73.5
Weekly comments	Weather; Clear sky with light breeze				
Name of sample collector	M. Hamonet				
	A (1) -				
	C (3) -				
	D (4) -				
	B (2) -				
Weekly comments					
Name of sample collector					
Monthly Maximums		**18.1**	**8.13**	**1.55**	**77.9**
Monthly Minimums		**16.7**	**7.81**	**<1**	**69.3**

Weekly monitoring testing for duration of EPA licence 20631

Other	Date	Time	Location E (5)	Location F (6)
Oil and grease visual inspection	22/07/2026	1210	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

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Month: Jul-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)	23/07/2026	<5	<5	10b
Ammonia as N (mg/L)	23/07/2026	0.01	0.008	-
Total Nitrogen as N (mg/L)	23/07/2026	0.2	0.1	0.3
Total Phosphorus as P (mg/L)	23/07/2026	<0.05	<0.05	0.03
TPH (C6-C36) (µg/L)	23/07/2026	<50	<50	-
PAHs (µg/L)	23/07/2026	<0.1	<0.1	-
Thermotolerant coliforms (cfu/100mL)	23/07/2026	~1	<1	-
BTEX (Benzene) (µg/L)	23/07/2026	<1	<1	-
BTEX (Toluene) (µg/L)	23/07/2026	<1	<1	-
BTEX (Ethylbenzene) (µg/L)	23/07/2026	<1	<1	-
BTEX (Total Xylenes) (µg/L)	23/07/2026	<1	<1	-
Dissolved metals (Cadmium) (mg/L)	23/07/2026	<0.2	<0.2	0.0055d
Dissolved metals (Cromium) (mg/L)	23/07/2026	<2	<2	0.0044e
Dissolved metals (Copper) (mg/L)	23/07/2026	<2	<2	0.0013
Dissolved metals (Tin) (mg/L)	23/07/2026	<2	<2	-
Dissolved metals (Zinc) (mg/L)	23/07/2026	5	4	0.015d
Comments	Envirolab ref 413929			
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