

# Trinity Point Marina - Water Quality Monitoring



Month: Apr-25

Date (Hand held insitu measurements)	Location and time	Temperature (c)	PH	Turbidity (NTU)	DO (%) - 1m depth
Relevant trigger values <sup>b</sup>			6.5-8.5	20	80-110
2/04/2025	A (1) - 0950	23.4	8.4	4.3	80.6
	C (3) - 0955	23.3	8.3	3.19	79.9
	D (4) - 1002	23.5	8.08	2.14	82.2
	B (2) - 1007	22.5	7.83	1.46	75.1
Weekly comments	Weather; Overcast with light breexe				
Name of sample collector	M. Hamonet				

9/04/2025	A (1) - 1049	24.2	7.7	2.23	85.3
	C (3) - 1054	24	7.95	1.21	86.1
	D (4) - 1059	24.8	7.58	1.62	87.8
	B (2) - 1104	24.2	7.72	1.66	83.8
Weekly comments	Weather; Cloudy with light breeze				
Name of sample collector	M. Hamonet				

16/04/2025	A (1) - 1306	23.7	8.27	3.39	85.9
	C (3) - 1310	23.6	8.1	4.29	83.2
	D (4) - 1316	24	8.21	2.85	85.6
	B (2) - 1321	23.9	8.31	3.67	82.7
Weekly comments	Weather; Overcast with moderate breeze				
Name of sample collector	M. Hamonet				

23/04/2025	A (1) - 1115	23	8.05	4.98	88.1
	C (3) - 1120	23.1	7.98	1.06	87
	D (4) - 1125	23.2	8.09	2.26	87.4
	B (2) - 1130	23.4	8.1	3.33	88.3
Weekly comments	Weather; post rain event, cloudy with moderate wind				
Name of sample collector	M. Hamonet				

	A (1) -				
	C (3) -				
	D (4) -				
	B (2) -				
Weekly comments					
Name of sample collector					

Monthly Maximums	24.8	8.4	4.98	87.4
Monthly Minimums	22.5	7.7	1.06	75.1

Other	Date	Time	Location E (5)	Location F (6)
Oil and grease visual inspection	23/04/2025	1040	Nil	Nil
Comments	No visible signs			
Name of inspector	M. Hamonet			

## Notes

Results shaded in grey exceed relevant trigger values

<sup>a</sup>Results suspected to be erroneous; possibly affected by faulty sensor or poor calibration not identified

<sup>b</sup>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

<sup>c</sup>Reference data typically refers to site specific data collected over long periods that can be used to establish appropriate trigger values for

<sup>w</sup>represents a wet weather monitoring event

Weekly monitoring testing for duration of EPA licence 20631

Monthly

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Month:

Apr-25

NATA Laboratory testing	Date	Inside Marina location A (1)	Background location C (3) in Bardens Bay	Trigger Values <sup>a</sup>
Total suspended solids (mg/L)				
Ammonia as N (mg/L)				
Total Nitrogen as N (mg/L)				
Total Phosphorus as P (mg/L)				
TPH (C6-C36) (µg/L)				
PAHs (µg/L)				
Thermotolerant coliforms (cfu/100mL)				
BTEX (Benzene) (µg/L)				
BTEX (Toluene) (µg/L)				
BTEX (Ethylbenzene) (µg/L)				
BTEX (Total Xylenes) (µg/L)				
Dissolved metals (Cadmium) (mg/L)				
Dissolved metals (Cromium) (mg/L)				
Dissolved metals (Copper) (mg/L)				
Dissolved metals (Tin) (mg/L)				
Dissolved metals (Zinc) (mg/L)				
Comments	Not completed for April - see March testing			
Name of sample collector				

10 times per year until March 2024 (2015 CEMP)

<b>Notes</b>
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)
<sup>a</sup> Values sourced from table 3.3.2 of ANZECC guidelines (2000) unless otherwise stated; only 95% trigger values are represented
<sup>b</sup> Sourced from table 4.4.2 of ANZECC guidelines (2000)
<sup>c</sup> Species for which possible bioaccumulation and secondary poisoning effects should be considered
<sup>d</sup> Figure may not protect key test species from chronic toxicity
<sup>e</sup> Value given specifically for Cr(IV)
<sup>f</sup> Analyte corresponds tp "Total Phosphorus" referred to in ANZECC guidelines (2000)
<sup>g</sup> Elevated measurement is unlikely to be related to construction activities
<sup>w</sup> represents a wet weather monitoring event