

Trinity Point Marina - Water Quality Monitoring



Month:

May-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
6/05/2026	A (1) - 1242	22.9	8.46	2.81	72.3
	C (3) - 1250	23.1	8.49	1.2	74.8
	D (4) - 1257	23.5	8.43	2	76.6
	B (2) - 1302	23.6	8.52	2.77	87.7
Weekly comments	Weather; scattered cloud with light breeze				
Name of sample collector		M. Hamonet			

13/05/2026	A (1) - 1045	20.6	8.6	1.14	74.9
	C (3) - 1050	20.8	8.65	2.89	73.4
	D (4) - 1056	20.7	8.58	2.53	69.2
	B (2) - 1102	20.8	8.51	2.39	69.4
Weekly comments	Weather; cloudy with moderate breeze				
Name of sample collector		M. Hamonet			

20/05/2026	A (1) - 1036	21.5	8.43	1.78	72
	C (3) - 1041	21.2	8.53	<1	73
	D (4) - 1050	21	8.34	<1	72.8
	B (2) - 1055	21.1	8.39	1.4	72.1
Weekly comments	Weather; clear sky with moderate breeze				
Name of sample collector		M. Hamonet			

27/05/2026	A (1) - 0927	21.3	8.25	2.43	69.3
	C (3) - 0932	21.7	8.26	<1	73.8
	D (4) - 0937	22.2	8.64	1.17	71.6
	B (2) - 0942	22	8.51	<1	68.1
Weekly comments	Weather; scattered cloud with light wind & fog				
Name of sample collector		M. Hamonet			

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

Monthly Maximums	23.6	8.65	2.81	87.7
Monthly Minimums	20.6	8.25	<1	68.1

Other	Date	Time	Location E (5)	Location F (6)
Oil and grease visual inspection	27/05/2026	1000	Nil	Nil
Comments	No visible signs			
Name of inspector		M. Hamonet		

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

Weekly monitoring testing for duration of EPA licence 20631

Monthly

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Month:

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NATA Laboratory testing	Date	Inside Marina location A (1)	Background location C (3) in Bardens Bay	Trigger Values ^a
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 May - see April testing			
Name of sample collector				

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