

Trinity Point Marina - Water Quality Monitoring



Month: Feb-25

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
6/02/2025	A (1) - 0949	28.2	8.69	1.26	89.2
	C (3) - 0953	28.4	9.04	1.3	89.4
	D (4) - 0956	28.9	8.71	2.16	87.4
	B (2) - 1000	29.8	8.61	1.68	84.4
Weekly comments	Weather; Fine				
Name of sample collector	L. Lelaeh				

14/02/2025	A (1) - 0833	27.4	8.39	1.9	79.5
	C (3) - 0839	27.5	8.83	2.25	80.4
	D (4) - 0845	27.6	8.34	2.02	82.9
	B (2) - 0852	27.5	8.74	2.82	78.5
Weekly comments	Weather; Fine				
Name of sample collector	M. Hamonet				

19/02/2025	A (1) - 0923	26.3	8.4	3.95	86.5
	C (3) - 0928	26.4	8.43	2.14	88.5
	D (4) - 0933	27.2	8.64	2.9	88.1
	B (2) - 0938	27.1	8.5	2.18	87.3
Weekly comments	Weather; Cloudy, light wind				
Name of sample collector	M. Hamonet				

26/02/2025	A (1) - 1422	27.7	8	2.71	92
	C (3) - 1427	27.5	7.87	2.13	92.8
	D (4) - 1431	28.4	7.99	2.46	94.1
	B (2) - 1436	28.6	7.75	2.81	102.9
Weekly comments	Weather; Sunny, light breeze				
Name of sample collector	M. Hamonet				

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

Monthly Maximums	29.8	9.04	3.95	102.9
Monthly Minimums	27.1	7.75	1.26	79.5

Other	Date	Time	Location E (5)	Location F (6)
Oil and grease visual inspection	28/02/2025	1030	Nil	Nil
Comments	No visible signs			
Name of inspector	M. Hamonet			

Notes

Results shaded in grey exceed relevant trigger values

^aResults suspected to be erroneous; possibly affected by faulty sensor or poor calibration not identified

^bsourced from section L2.4 of the EPL issued to JPG and/or Tables 3.3.2 and 3.3.3 of the ANZECC guidelines

^cReference data typically refers to site specific data collected over long periods that can be used to establish appropriate trigger values for

^wrepresents a wet weather monitoring event

Weekly monitoring testing for duration of EPA licence 20631

Monthly

Trinity Point Marina - Water Quality Monitoring



Month:

Feb-25

NATA Laboratory testing	Date	Inside Marina location A (1)	Background location C (3) in Bardens Bay	Trigger Values ^a
Total suspended solids (mg/L)	28/02/2025	12	7	10b
Ammonia as N (mg/L)	28/02/2025	0.028	0.007	-
Total Nitrogen as N (mg/L)	28/02/2025	0.2	0.2	0.3
Total Phosphorus as P (mg/L)	28/02/2025	0.05	0.05	0.03
TPH (C6-C36) (µg/L)	28/02/2025	<50	<50	-
PAHs (µg/L)	28/02/2025	<0.1	<0.1	-
Thermotolerant coliforms (cfu/100mL)	28/02/2025	<1	<1	-
BTEX (Benzene) (µg/L)	28/02/2025	<1	<1	-
BTEX (Toluene) (µg/L)	28/02/2025	<1	2	-
BTEX (Ethylbenzene) (µg/L)	28/02/2025	<1	<1	-
BTEX (Total Xylenes) (µg/L)	28/02/2025	<2	<2	-
Dissolved metals (Cadmium) (mg/L)	28/02/2025	0.0001	0.0001	0.0055d
Dissolved metals (Cromium) (mg/L)	28/02/2025	<0.001	<0.001	0.0044e
Dissolved metals (Copper) (mg/L)	28/02/2025	0.001	<0.001	0.0013
Dissolved metals (Tin) (mg/L)	28/02/2025	<0.001	<0.001	-
Dissolved metals (Zinc) (mg/L)	28/02/2025	0.014	0.009	0.015d
Comments	Envirolab ref 374347			
Name of sample collector	Envirolab representative - 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)

^aValues sourced from table 3.3.2 of ANZECC guidelines (2000) unless otherwise stated; only 95% trigger values are represented

^bSourced from table 4.4.2 of ANZECC guidelines (2000)

^cSpecies for which possible bioaccumulation and secondary poisoning effects should be considered

^dFigure may not protect key test species from chronic toxicity

^eValue given specifically for Cr(IV)

^fAnalyte corresponds tp "Total Phosphorus" referred to in ANZECC guidelines (2000)

^gElevated measurement is unlikely to be related to construction activities

^wrepresents a wet weather monitoring event