Trinity Point Marina - Water Quality Monitoring

Month: Apr-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
1/04/2026	A (1) - 1304	25.4	7.89	3.65	74.3
	C (3) - 1309	25.5	7.85	1.47	75.2
	D (4) - 1311	25.8	7.87	1.49	76.5
	B (2) - 1322	23.9	7.93	2.04	76.4
Weekly comments	Weather; Clear with light breeze				
Name of sample collector	M. Hamonet				
8/04/2026	A (1) - 1053	23.1	7.98	3.12	68.5
	C (3) - 1058	23.1	7.87	2.55	70.9
	D (4) - 1108	23.1	7.83	1.51	72.8
	B (2) - 1113	23.1	7.93	1.89	70.2
Weekly comments	Weather; Clear with moderate wind				
Name of sample collector	M. Hamonet				
13/04/2026	A (1) - 1115	23.7	8.02	1.12	67.7
	C (3) - 1120	23.6	8.07	1.25	72.9
	D (4) - 1127	23.9	7.85	1.41	73.1
	B (2) - 1132	24.1	7.8	1.55	77.1
Weekly comments	Weather; Clear with light breeze				
Name of sample collector	M. Hamonet				
22/04/2026	A (1) - 1123	21.7	7.98	4.33	70.3
	C (3) - 1129	21.7	7.89	2.96	74.5
	D (4) - 1138	21.8	7.77	1.41	75.2
	B (2) - 1143	22	7.73	3.41	80.7
Weekly comments	Weather; Clear with moderate wind				
Name of sample collector	M. Hamonet				
	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	**25.8**	**8.07**	**4.33**	**80.7**
Monthly Minimums	**21.7**	**7.73**	**1.12**	**67.7**

Other	**Date**	**Time**	**Location E (5)**	**Location F (6)**
Oil and grease visual inspection	22/04/2026	1200	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: Apr-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)	30/04/2026	5	<5	10b
Ammonia as N (mg/L)	30/04/2026	0.054	0.04	-
Total Nitrogen as N (mg/L)	30/04/2026	0.1	0.1	0.3
Total Phosphorus as P (mg/L)	30/04/2026	<0.1	<0.1	0.03
TPH (C6-C36) (µg/L)	30/04/2026	<50	<50	-
PAHs (µg/L)	30/04/2026	<0.1	<0.1	-
Thermotolerant coliforms (cfu/100mL)	30/04/2026	~1	18	-
BTEX (Benzene) (µg/L)	30/04/2026	<1	<1	-
BTEX (Toluene) (µg/L)	30/04/2026	<1	<1	-
BTEX (Ethylbenzene) (µg/L)	30/04/2026	<1	<1	-
BTEX (Total Xylenes) (µg/L)	30/04/2026	<1	<1	-
Dissolved metals (Cadmium) (mg/L)	30/04/2026	<0.5	<0.5	0.0055d
Dissolved metals (Cromium) (mg/L)	30/04/2026	<5	<5	0.0044e
Dissolved metals (Copper) (mg/L)	30/04/2026	<5	<5	0.0013
Dissolved metals (Tin) (mg/L)	30/04/2026	<5	<5	-
Dissolved metals (Zinc) (mg/L)	30/04/2026	7	9	0.015d
Comments	Envirolab ref 407668			
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