Trinity Point Marina - Water Quality Monitoring

Month: Sep-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
2/09/2026	A (1) - 1258	20	7.97	1.63	80.5
	C (3) - 1304	19.7	8.15	2.83	80
	D (4) - 1309	19.8	8.03	<1	80.8
	B (2) - 1314	20	7.95	<1	79.6
Weekly comments	Weather; clear and warm with strong wind				
Name of sample collector	M. Hamonet				
9/09/2026	A (1) - 1218	20.8	7.86	2.7	69.9
	C (3) - 1223	20.8	8.02	1.36	69.2
	D (4) - 1230	21.3	8.34	2.66	72.1
	B (2) - 1235	21.6	7.98	4.1	79.6
Weekly comments	Weather; scattered cloud with increasing wind				
Name of sample collector	M. Hamonet				
17/09/2026	A (1) - 1245	19.7	7.97	2.22	72.4
	C (3) - 1250	19.8	8.11	3.01	73.7
	D (4) - 1257	19.8	7.75	2.62	74.2
	B (2) - 1303	20.3	6.95	2.09	86.7
Weekly comments	Weather; clear with moderate wind				
Name of sample collector	M. Hamonet				
23/09/2026	A (1) - 14.31	21.4	8.28	1.57	72.6
	C (3) - 1436	21.8	8.19	1.31	72.8
	D (4) - 1446	22.2	8.33	1.72	73
	B (2) - 1451	22.5	8.34	1.38	76.5
Weekly comments	Weather; cloudy and hot with light wind				
Name of sample collector	M. Hamonet				
	A (1) -				
	C (3) -				
	D (4) -				
	B (2) -				
Weekly comments					
Name of sample collector					
Monthly Maximums		**22.5**	**8.34**	**4.1**	**86.7**
Monthly Minimums		**19.7**	**7.86**	**<1**	**69.2**

Weekly monitoring testing for duration of EPA licence 20631

Other	Date	Time	Location E (5)	Location F (6)
Oil and grease visual inspection	23/09/2026	1459	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

Trinity Point Marina - Water Quality Monitoring

Month: Sep-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)	15/09/2026	<5	<5	10b
Ammonia as N (mg/L)	15/09/2026	0.01	0.01	-
Total Nitrogen as N (mg/L)	15/09/2026	0.3	0.2	0.3
Total Phosphorus as P (mg/L)	15/09/2026	<0.1	<0.1	0.03
TPH (C6-C36) (µg/L)	15/09/2026	<50	<50	-
PAHs (µg/L)	15/09/2026	<0.1	<0.1	-
Thermotolerant coliforms (cfu/100mL)	15/09/2026	1	<1	-
BTEX (Benzene) (µg/L)	15/09/2026	<1	<1	-
BTEX (Toluene) (µg/L)	15/09/2026	<1	<1	-
BTEX (Ethylbenzene) (µg/L)	15/09/2026	<1	<1	-
BTEX (Total Xylenes) (µg/L)	15/09/2026	<1	<1	-
Dissolved metals (Cadmium) (mg/L)	15/09/2026	<0.1	<0.1	0.0055d
Dissolved metals (Cromium) (mg/L)	15/09/2026	<1	<1	0.0044e
Dissolved metals (Copper) (mg/L)	15/09/2026	<1	<1	0.0013
Dissolved metals (Tin) (mg/L)	15/09/2026	<1	<1	-
Dissolved metals (Zinc) (mg/L)	15/09/2026	3	4	0.015d
Comments	Envirolab ref 417932			
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