Trinity Point Marina - Water Quality Monitoring

Month: Nov-25

JOHNSON PROPERTY GROUP

TRINITY MARINA

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
5/11/2025	A (1) - 1353	23.3	7.76	4.05	78.2
	C (3) - 1358	22.9	7.63	1.82	80.8
	D (4) - 1403	23.2	7.68	1.82	81.7
	B (2) - 1408	23.3	7.51	2.81	81.3
Weekly comments	Weather; Clear with light wind				
Name of sample collector	M. Hamonet				
12/11/2025	A (1) - 1320	24.2	8.11	3.55	80.6
	C (3) - 1325	23.8	8.23	2.27	78.5
	D (4) - 1330	23.8	8.37	2.44	78.1
	B (2) - 1335	24	8.52	2.45	77.7
Weekly comments	Weather; Clear with mderate wind				
Name of sample collector	M. Hamonet				
20/11/2025	A (1) - 0908	24.9	7.9	1.97	74.5
	C (3) - 0912	25	7.72	1.25	77.1
	D (4) - 0916	25.1	8.22	1.33	76.9
	B (2) - 0919	25.3	8.85	3.16	74.1
Weekly comments	Weather; Clear with light wind				
Name of sample collector	L. Lelaeh				
26/11/2025	A (1) - 1104	24	7.69	20.3	57.6[a]
	C (3) - 1106	25	7.73	40.1	79.6[a]
	D (4) - 1111	25	7.75	18	55.1[a]
	B (2) - 1113	25	7.74	17.4	76.4[a]
Weekly comments	Weather; Light rain - after rain event				
Name of sample collector	M. Hamonet + Envirolab representitive				
	A (1) -				
	C (3) -				
	D (4) -				
	B (2) -				
Weekly comments					
Name of sample collector					

Monthly Maximums		25.3	8.85	40.1	81.7
Monthly Minimums		22.9	7.51	1.25	55.1[a]

Other	Date	Time	Location E (5)	Location F (6)
Oil and grease visual inspection	26/11/2025	1130	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

Trinity Point Marina - Water Quality Monitoring

Month: Nov-25

JOHNSON PROPERTY GROUP

TRINITY MARINA

NATA Laboratory testing	Date	Inside Marina location A (1)	Background location C (3) in Bardens Bay	Trigger Values[a]
Total suspended solids (mg/L)	28/11/2025	<5	<5	10b
Ammonia as N (mg/L)	28/11/2025	0.2	0.057	-
Total Nitrogen as N (mg/L)	28/11/2025	0.2	0.4	0.3
Total Phosphorus as P (mg/L)	28/11/2025	<0.05	<0.05	0.03
TPH (C6-C36) (µg/L)	28/11/2025	<50	<50	-
PAHs (µg/L)	28/11/2025	<0.1	<0.1	-
Thermotolerant coliforms (cfu/100mL)	28/11/2025	~7	~6	-
BTEX (Benzene) (µg/L)	28/11/2025	<1	<1	-
BTEX (Toluene) (µg/L)	28/11/2025	<1	<1	-
BTEX (Ethylbenzene) (µg/L)	28/11/2025	<1	<1	-
BTEX (Total Xylenes) (µg/L)	28/11/2025	<1	<1	-
Dissolved metals (Cadmium) (mg/L)	28/11/2025	<0.1	<0.1	0.0055d
Dissolved metals (Cromium) (mg/L)	28/11/2025	<1	<1	0.0044e
Dissolved metals (Copper) (mg/L)	28/11/2025	2	2	0.0013
Dissolved metals (Tin) (mg/L)	28/11/2025	<1	<1	-
Dissolved metals (Zinc) (mg/L)	28/11/2025	2	1	0.015d
Comments	Envirolab ref 396523			
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