Trinity Point Marina	Month	Contractor	Most Recent Event
Historical Probe Data	January	Enviropacific Services	25-Jan-17

			Depth-Average Parameter			
Site	Date	Temperature [C]	pH [pH units]	Turbidity [NTU]	DO [%]	EC [mS/cm]
A	11-Jan-17	29.4	8.6	5.9	95.1	75.4
	18-Jan-17	28.0	8.2	2.4	79.5	75.6
	25-Jan-17[w]	26.4	8.5	2.4	86.8	73.8
	Max	**29.4**	**8.6**	**5.9**	**95.1**	**75.6**
	Min	**26.4**	**8.2**	**2.4**	**79.5**	**73.8**
B	11-Jan-17	29.7	8.6	8.8	99.0	75.7
	18-Jan-17	28.3	8.3	1.1	82.3	76.0
	25-Jan-17[w]	26.3	8.5	2.5	92.2	76.2
	Max	**29.7**	**8.6**	**8.8**	**99.0**	**76.2**
	Min	**26.3**	**8.3**	**1.1**	**82.3**	**75.7**
C	11-Jan-17	29.7	8.6	6.8	100.8	75.4
	18-Jan-17	28.0	8.3	2.7	79.7	76.6
	25-Jan-17[w]	26.3	8.5	3.7	92.8	75.7
	Max	**29.7**	**8.6**	**6.8**	**100.8**	**76.6**
	Min	**26.3**	**8.3**	**2.7**	**79.7**	**75.4**
D	11-Jan-17	29.5	8.5	6.6	95.0	75.3
	18-Jan-17	28.2	8.2	1.3	86.0	75.6
	25-Jan-17[w]	26.6	8.5	2.9	87.7	76.8
	Max	**29.5**	**8.5**	**6.6**	**95.0**	**76.8**
	Min	**26.6**	**8.2**	**1.3**	**86.0**	**75.3**
Relevant Trigger Values[b]	**Reference[c]**	**6.5 - 8.5**	**20**	**80 - 110**	**Reference[c]**	

NOTES

Results shaded in grey exceed relevant Trigger Value(s)

[a]Results suspected to be erroneous; possibly affected by faulty sensor or poor calibration; not identified as min or max values

[b]Sourced from section L2.4 of the EPL issued to JPG and/or Tables 3.3.2 and 3.3.3 of ANZECC Guidelines 2000

[c]Reference data typically refers to site-specific data collected over long periods (preferably 12 months) that can be used to establish appropriate trigger values for that particular area

[w]Represents a wet weather monitoring event

Trinity Point Marina	Contractor	Phone	Event Date	Event Type	Weather	Wind
Analytical Lab Results	Enviropacific Services	(02) 4961 7100	11-Jan-17	Dry	Fine	Calm

Analysis	LOR	Unit	Site ID				Trigger Values[a]
			A	B	C	D	
Suspended Solids	1	mg/L	46[g]	52[g]	59[g]	57[g]	10[b]
Total Nitrogen	0.2	mg/L	0.3[g]	< 0.2	< 0.2	0.2	0.3
Total PAH	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	-
Phosphate Total as P[f]	0.005	mg/L	0.036[g]	0.013	0.024	0.025	0.03
TRH C10 - C36	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1	-
TRH C6 - C9	0.02	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	-
BTEX							
Benzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	0.7
Toluene	0.001	mg/L	< 0.001	0.002	0.001	< 0.001	-
Ethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	-
Total Xylenes	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003	-
Dissolved Metals							
Cadmium[c]	0.0002	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	0.0055[d]
Chromium	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	0.0044[e]
Copper	0.001	mg/L	< 0.001	< 0.001	0.001	0.001	0.0013
Tin	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	-
Zinc	0.001	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	0.015[d]

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

[e]Value given specifically for Cr(IV)

[f]Analyte corresponds to "Total Phosphorus" referred to in ANZECC Guidelines (2000)

[g]Elevated measurement is unlikely to be related to construction activities