Trinity Point Marina		Month	Contractor		Most Recent Event	
Historical Probe Data		May	Enviropacific Services		29th August 2018	
Site	Date	Depth-Average Parameter				
		Temperature [C]	pH [pH units]	Turbidity [NTU]	DO [%]	EC [mS/cm]
A	15-Aug-18	15.0	6.5	2.5	165.8	54.7
	22-Aug-18	13.8	6.7	1.0	98.8	55.1
	29-Aug-18	15.6	8.3	8.1	85.2	70.2
	Max	**15.6**	**8.3**	**8.1**	**165.8**	**70.2**
	Min	**13.8**	**6.5**	**1.0**	**85.2**	**54.7**
B	15-Aug-18	14.9	6.8	3.0	94.6	55.2
	22-Aug-18	14.1	6.7	1.4	89.5	55.8
	29-Aug-18	15.5	8.3	3.9	91.4	71.3
	Max	**15.5**	**8.3**	**3.9**	**94.6**	**71.3**
	Min	**14.1**	**6.7**	**1.4**	**89.5**	**55.2**
C	15-Aug-18	15.0	6.5	2.6	165.5	54.7
	22-Aug-18	13.8	6.7	1.0	94.3	55.0
	29-Aug-18	15.3	8.3	6.0	93.5	71.2
	Max	**15.3**	**8.3**	**6.0**	**165.5**	**71.2**
	Min	**13.8**	**6.5**	**1.0**	**93.5**	**54.7**
D	15-Aug-18	14.9	6.8	2.7	107.0	55.6
	22-Aug-18	14.0	6.7	1.2	91.2	55.1
	29-Aug-18	15.4	8.3	5.6	84.9	71.2
	Max	**15.4**	**8.3**	**5.6**	**107.0**	**71.2**
	Min	**14.0**	**6.7**	**1.2**	**84.9**	**55.1**
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

105014	Contractor	Sampler	Phone	Event Date	Event Type	Weather	Wind
Analytical Lab Results	Enviropacific	JG	0421 139 011	15-Aug-18		fine	25km/h NW

Analysis	LOR	Unit	Site ID				Trigger Values[a]
			A	B	C	D	
Suspended Solids	1	mg/L	10	12	8	6	10[b]
Total Nitrogen	0.1	mg/L	<1.0	<1.0	<1.0	<1.0	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	<0.01	<0.01	<0.01	<0.01	0.03
TRH C10 - C36	0.1	mg/L	na	na	na	na	-
TRH C6 - C9	0.02	mg/L	na	na	na	na	-
BTEX							
Benzene	0.001	mg/L	na	na	na	na	0.7
Toluene	0.001	mg/L	na	na	na	na	-
Ethylbenzene	0.001	mg/L	na	na	na	na	-
Total Xylenes	0.003	mg/L	an	na	an	na	-
Dissolved Metals							
Cadmium[c]	0.001	mg/L	<0.0010	<0.0010	<0.0010	<0.0010	0.0055[d]
Chromium	0.01	mg/L	<0.010	<0.010	<0.010	<0.010	0.0044[e]
Copper	0.01	mg/L	<0.010	<0.010	<0.010	<0.010	0.0013
Tin	0.01	mg/L	<0.010	<0.010	<0.010	<0.010	-
Zinc	0.05	mg/L	<0.050	<0.050	<0.050	<0.050	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