Trinity point Marina		**Month**	**Contractor**		**Most recent event**	
Historical probe data		Dec-18	Enviropacific		19-Dec-18	
site	Date	Depth average Parameter				
		Temperature [c]	pH [pH units]	Turbidity [NTU]	DO (%)	EC (mS/cm)
A	05-Dec-18	24.2	8.4	1.2	88.9	52.4
	12-Dec-18	25.2	8.4	4.3	98.6	51.2
	19-Dec-18	27.5	8.5	3.1	90.4	52.8
	Max	**27.5**	**8.5**	**4.3**	**98.6**	**52.8**
	Min	**24.2**	**8.4**	**1.2**	**88.9**	**51.2**
B	05-Dec-18	24.5	8.4	1.2	89.0	52.1
	12-Dec-18	25.5	8.4	2.1	91.3	52.1
	19-Dec-18	27.7	8.5	3.6	81.9	53.0
	Max	**27.7**	**8.5**	**3.6**	**91.3**	**53.0**
	Min	**24.5**	**8.4**	**1.2**	**81.9**	**52.1**
C	05-Dec-18	24.1	8.4	1.5	85.5	52.3
	12-Dec-18	25.2	8.5	1.8	88.2	52.3
	19-Dec-18	27.4	8.5	2.7	83.4	52.5
	Max	**27.4**	**8.5**	**2.7**	**88.2**	**52.5**
	Min	**24.1**	**8.4**	**1.5**	**83.4**	**52.3**
D	05-Dec-18	24.1	8.4	0.5	87.2	52.2
	12-Dec-18	25.3	8.5	2.2	93.3	53.2
	19-Dec-18	27.6	8.5	3.2	82.9	53.0
	Max	**27.6**	**8.5**	**3.2**	**93.3**	**53.2**
	Min	**24.1**	**8.4**	**0.5**	**82.9**	**52.2**
Relevant Trigger Values[b]		Reference[c]	**6.5-8.5**	**20**	**80-110**	Reference[c]

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 as min or max value

[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 that particular area

[w] represents a wet weather monitoring event

105041	Contractor	Sampler	Phone	Event Date	Event Type	Weather	Wind
Analytical Lab Results	Enviropacific	AH	0421 139 011	12-Dec-18	Sample analysis	Overcast	10km/h E

Analysis	LOR	Unit	Site ID				Trigger Values[a]
			A	B	C	D	
Suspended Solids	5	mg/L	6	<5	<5	<5	10[b]
Total Nitrogen	0.1	mg/L	<0.5	<0.5	<0.5	<0.5	0.3
Total PAH	0.001	mg/L	na	na	na	na	-
Phosphate Total as P[f]	0.01	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	-
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	na	na	-
Dissolved Metals							
Cadmium[c]	0.0001	mg/L	<0.0002	<0.0002	0.0002	<0.0002	0.0055[d]
Chromium	0.001	mg/L	<0.0005	<0.0005	<0.0005	<0.0005	0.0044[e]
Copper	0.001	mg/L	0.002[g]	0.002[g]	0.002[g]	0.002[g]	0.0013
Tin	0.001	mg/L	<0.005	<0.005	<0.005	<0.005	-
Zinc	0.005	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