Trinity point Marina		**Month**	**Contractor**		**Most recent event**	
Historical probe data		Apr-19	Enviropacific		17-Apr-19	
site	Date	Depth average Parameter				
		Temperature [c]	pH [pH units]	Turbidity [NTU]	DO (%)	EC (mS/cm)
A	03-Apr-19	23.3	7.8	2.2	93.3	52.8
	10-Apr-19	23.1	7.8	3.0	93.9	52.7
	17-Apr-19	22.3	7.8	2.7	103.7	52.7
	Max	**23.3**	**7.8**	**3.0**	**103.7**	**52.8**
	Min	**22.3**	**7.8**	**2.2**	**93.3**	**52.7**
B	03-Apr-19	23.7	7.8	2.9	93.6	53.1
	10-Apr-19	23.2	7.8	2.7	92.5	53.5
	17-Apr-19	22.7	7.8	2.2	86.6	53.6
	Max	**23.7**	**7.8**	**2.9**	**93.6**	**53.6**
	Min	**22.7**	**7.8**	**2.2**	**86.6**	**53.1**
C	03-Apr-19	23.4	7.8	2.5	89.7	53.4
	10-Apr-19	23.0	7.8	2.6	93.6	53.6
	17-Apr-19	22.4	7.8	2.2	93.9	53.7
	Max	**23.4**	**7.8**	**2.6**	**93.9**	**53.7**
	Min	**22.4**	**7.8**	**2.2**	**89.7**	**53.4**
D	03-Apr-19	23.6	7.8	2.8	88.4	53.5
	10-Apr-19	23.1	7.8	2.4	87.5	41.0
	17-Apr-19	22.5	7.8	1.3	96.0	53.0
	Max	**23.6**	**7.8**	**2.8**	**96.0**	**53.5**
	Min	**22.5**	**7.8**	**1.3**	**87.5**	**41.0**
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	0439 402 319	10-Apr-19	Sample analysis	Fine w/- 15% cloud	0-10km/h SSW

Analysis	LOR	Unit	Site ID				Trigger Values[a]
			A	B	C	D	
Suspended Solids	5	mg/L	17	9	<5	7	10[b]
Total Nitrogen	0.05	mg/L	0.286	0.309	0.308	0.299	0.3
Total PAH	0.001	mg/L	na	na	na	na	-
Phosphate Total as P[f]	0.005	mg/L	0.014	0.016	0.014	0.014	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	na	na	na	na	-
Dissolved Metals							
Cadmium[c]	0.0002	mg/L	<0.0002	<0.0002	0.0002	0.0002	0.0055[d]
Chromium	0.0005	mg/L	<0.0005	0.007	0.001	0.0009	0.0044[e]
Copper	0.001	mg/L	0.002[g]	0.003[g]	0.002[g]	0.002[g]	0.0013
Tin	0.005	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