



GOLD COAST DESALINATION PLANT - October 2017

Parameter	Unit of measure	Monthly water quality data				Monthly performance			
		Number of samples	Minimum	Average	Maximum	Aesthetic guideline value	Number of aesthetic exceedences	Health guideline value	Number of health exceedences
Health Parameters (note that copper and manganese have both health and aesthetic guideline values)									
E.coli	orgs/100mL	5	<1	<1	<1	Not applicable		0 in 100ml	0
Fluoride	mg/L	5	0.7	0.7	0.8	Not applicable		1.5 mg/L	0
TTHMS	mg/L	1	<0.001	<0.001	<0.001	Not applicable		0.25 mg/L	0
Lead	mg/L	1	<0.001	<0.001	<0.001	Not applicable		0.01 mg/L	0
Copper	mg/L	5	<0.001	<0.001	<0.001	1 mg/L	0	2 mg/L	0
Manganese	mg/L	5	<0.001	<0.001	<0.001	0.1 mg/L	0	0.5 mg/L	0
Aesthetic Parameters									
Hardness	mg/L as CaCO3	5	52	54	55	200 mg/L	0	Not applicable	
pH		5	7.5	7.7	7.8	6.5 - 8.5	0	Not applicable	
Turbidity	NTU	5	<0.1	0.2	0.3	5 NTU	0	Not applicable	
Total dissolved solids	mg/L	5	85	86	89	600 mg/L	0	Not applicable	
True Colour	HU	5	<1	<1	<1	15 HU	0	Not applicable	
Alkalinity	mg/L as CaCO3	5	62	64	66	Not applicable			
Aluminium	mg/L	6	<0.005	<0.005	<0.005	0.2 mg/L	0	Not applicable	
Iron	mg/L	5	<0.01	<0.01	<0.01	0.3 mg/L	0	Not applicable	

Reported values preceded by a < symbol indicate a result that is a non-detectable, as it is less than the limit of detection. The measurement of "orgs/100mL" summarises tests performed with the CFU and MPN measurements.

Information regarding exceedences for the month

No exceedences reported for this period.