

SPID:	0512
Reporting Period:	01 January 2017 to 14 September 2017
Water Scheme Name:	SEQ WATER GRID
Population Serviced by Scheme:	1,124,339 (2009)
Scheme Component:	Distribution
System Location	Brisbane City Council and Ipswich City Council
Name of DW Source	SEQWater & LinkWater - multiple sources, final composition unknown
Laboratory Name	SAS Laboratory
Sample Zone	MHS - MILNE HILL/STAFFORD

Microbiology

Escherichia Coli	Unit of Measure	LOR	Number of Tests	Number of Positives Where Parameter Detected (ie >LOR)	Exceedance Public Health Regulation 2005 Statutory Limit	12 Monthly Rolling Compliance	Minimum	Maximum	Mean
2017 - January	cfu/100mL	1	19	0	0	99.36	<LOR	<LOR	<LOR
2017 - February	cfu/100mL	1	16	0	0	99.38	<LOR	<LOR	<LOR
2017 - March	cfu/100mL	1	17	0	0	100	<LOR	<LOR	<LOR
2017 - April	cfu/100mL	1	16	0	0	100	<LOR	<LOR	<LOR
2017 - May	cfu/100mL	1	19	0	0	100	<LOR	<LOR	<LOR
2017 - June	cfu/100mL	1	17	0	0	100	<LOR	<LOR	<LOR
2017 - July	cfu/100mL	1	16	0	0	100	<LOR	<LOR	<LOR
2017 - August	cfu/100mL	1	17	0	0	100	<LOR	<LOR	<LOR
2017 - September	cfu/100mL	1	4	0	0	100	<LOR	<LOR	<LOR

* NL = No Limit in ADWG, LOR = limit of reporting

Aesthetic Assessment

Aesthetic limits	Unit of Measure	LOR	Number of Tests	Number of Positives Where Parameter Detected (ie >LOR)	No. Exceedances ADWG Health Based Limits	ADWG Based Limits	Minimum	Maximum	Mean	Median	95th Percentile
Aluminium	mg/L	.001	70	70	0	.2	.018	.059	.031	.028	.048
Ammonia (Total, as N)	mg/L	.004	70	41	0	NL	<LOR	.11	.0098	.0046	.03
Colour (True)	PCU	.5	70	62	0	15	<LOR	1.8	.84	.8	1.5
Conductivity	uS/cm	1	70	70	0	1000	230	560	380	400	460

Aesthetic limits	Unit of Measure	LOR	Number of Tests	Number of Positives Where Parameter Detected (ie >LOR)	No. Exceedances ADWG Health Based Limits	ADWG Based Limits	Minimum	Maximum	Mean	Median	95th Percentile
Iron	mg/L	.001	70	70	1	.3	.0039	.41	.042	.023	.14
pH	pH Unit	.1	70	70	0	NL	7.2	8.1	7.7	7.7	8
Temperature	deg C	.1	141	141	0	NL	16	32	24	23	31
Total Dissolved Solids	mg/L	1	70	70	0	600	150	360	240	260	300
Turbidity	NTU	.1	70	70	0	5	.11	3.1	.31	.2	.71

*ADWG = Australian Drinking Water Guidelines, NL = No Limit in ADWG, LOR = limit of reporting

Others - Chemistry (No ADWG Limits)

Others-Chem (No Limits)	Unit of Measure	LOR	Number of Tests	Number of Positives Where Parameter Detected (ie >LOR)	No. Exceedances ADWG Health Based Limits	ADWG Based Limits	Minimum	Maximum	Mean	Median	95th Percentile
Nitrite and Nitrate(as N)	mg/L	.001	70	70	0	NL	.48	.95	.58	.58	.78

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Others - Bacteriological (No ADWG Limits)

Others-bacto (No Limits)	Unit of Measure	LOR	Number of Tests	Number of Positives Where Parameter Detected (ie >LOR)	No. Exceedances ADWG Health Based Limits	ADWG Based Limits	Minimum	Maximum	Mean	Median	95th Percentile
Total Coliforms	cfu/100mL	1	141	62	0	NL	<LOR	4800	230	<LOR	1300
Heterotrophic Plate Count	cfu/mL	1	141	103	0	NL	<LOR	2400	41	6	96

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Health Assessment

Health limits	Unit of Measure	LOR	Number of Tests	Number of Positives Where Parameter Detected (ie >LOR)	No. Exceedances ADWG Health Based Limits	ADWG Based Limits	Minimum	Maximum	Mean	Median	95th Percentile
Chlorine (Total)	mg/L	.1	141	57	0	5	<LOR	1.5	.22	<LOR	1.3
Manganese	mg/L	.001	70	70	0	.5	.0015	.02	.0035	.0029	.007
Nitrate (as N)	mg/L	.1	70	70	0	50	.43	.94	.57	.56	.77
Nitrite (as N)	mg/L	.1	70	65	0	3	<LOR	.15	<LOR	<LOR	<LOR

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