

SPID:	0512
Reporting Period:	01 October 2016 to 30 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

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
2016 - October	cfu/100mL	1	666	0	0	99.92	<LOR	<LOR	<LOR
2016 - November	cfu/100mL	1	703	0	0	99.92	<LOR	<LOR	<LOR
2016 - December	cfu/100mL	1	699	1	1	99.92	<LOR	1	<LOR
2017 - January	cfu/100mL	1	703	4	4	99.83	<LOR	6	<LOR
2017 - February	cfu/100mL	1	603	0	0	99.83	<LOR	<LOR	<LOR
2017 - March	cfu/100mL	1	739	0	0	99.88	<LOR	<LOR	<LOR
2017 - April	cfu/100mL	1	631	2	2	99.85	<LOR	1	<LOR
2017 - May	cfu/100mL	1	742	0	0	99.85	<LOR	<LOR	<LOR
2017 - June	cfu/100mL	1	682	0	0	99.85	<LOR	<LOR	<LOR
2017 - July	cfu/100mL	1	674	0	0	99.85	<LOR	<LOR	<LOR
2017 - August	cfu/100mL	1	727	0	0	99.86	<LOR	<LOR	<LOR
2017 - September	cfu/100mL	1	680	0	0	99.85	<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
2-Methylisoborneol	ng/L	2	156	88	3	5	<LOR	5.6	2.3	2.4	4.4
Aluminium	mg/L	.001	2713	2713	17	.2	.017	.82	.051	.045	.079

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
Ammonia (Total, as N)	mg/L	.004	2713	2320	0	NL	<LOR	.72	.15	.059	.53
Chloride	mg/L	1	156	156	0	250	18	140	60	63	86
Colour (True)	PCU	.5	2713	2286	0	15	<LOR	3.8	.77	.8	1.4
Conductivity	uS/cm	1	2713	2713	0	1000	210	810	450	450	530
Geosmin	ng/L	2	156	60	3	5	<LOR	7.6	<LOR	<LOR	3.5
Iron	mg/L	.001	2713	2713	28	.3	.0032	2.2	.026	.012	.059
Langelier Index		.1	156	156	0	NL	<LOR	.26	<LOR	<LOR	<LOR
pH	pH Unit	.1	2713	2713	0	NL	7	8.7	7.7	7.7	8.1
Silica	mg/L	.1	156	156	0	80	.84	19	5	5	8.2
Sodium	mg/L	.05	156	156	0	180	20	58	38	40	48
Sulfate (as SO4)	mg/L	.1	156	156	0	250	20	82	28	26	43
Temperature	deg C	.1	8243	8243	0	NL	12	35	25	24	31
Total Dissolved Solids	mg/L	1	2713	2713	0	600	140	520	280	290	340
Total Hardness	mg/L	.1	156	156	0	200	53	150	110	120	140
Turbidity	NTU	.1	2713	2707	14	5	<LOR	21	.32	.2	.59
Zinc	mg/L	.001	156	134	0	3	<LOR	.035	.0037	.0031	.008

*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
Bromodichloromethane	ug/L	2	361	361	0	NL	9.2	76	26	24	47
Alkalinity	mg/L	1	156	156	0	NL	39	96	79	86	91
Bromoform	ug/L	2	361	337	0	NL	<LOR	34	8.5	8.2	16
Calcium	mg/L	.02	156	156	0	NL	12	33	23	24	31
Chloroform	ug/L	2	361	361	0	NL	7.2	81	22	18	47
Dibromoacetic Acid	ug/L	10	242	14	0	NL	<LOR	17	<LOR	<LOR	<LOR
Magnesium	mg/L	.02	156	156	0	NL	5.2	18	13	14	15

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
Potassium	mg/L	.05	156	156	0	NL	2.1	4.9	3.3	3.4	3.8
Monobromoacetic Acid	ug/L	10	242	5	0	NL	<LOR	14	<LOR	<LOR	<LOR
Total Organic Carbon	mg/L	1	156	156	0	NL	<LOR	8.5	3.5	3.5	4
Nitrite and Nitrate(as N)	mg/L	.001	2713	2713	0	NL	.0081	1.1	.4	.46	.64

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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	8249	666	0	NL	<LOR	4800	12	<LOR	5
Heterotrophic Plate Count	cfu/mL	1	8249	3862	0	NL	<LOR	11000	47	<LOR	98

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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
Arsenic	mg/L	.01	156	0	0	.01	<LOR	<LOR	<LOR	<LOR	<LOR
Barium	mg/L	.001	156	156	0	2	.0082	.035	.023	.025	.028
Cadmium	mg/L	.001	156	0	0	.002	<LOR	<LOR	<LOR	<LOR	<LOR
Chlorine (Free)	mg/L	.1	1032	254	0	5	<LOR	4.4	.18	<LOR	.91
Chlorine (Total)	mg/L	.1	8247	6610	0	5	<LOR	4.8	.82	.51	2.3
Chromium	mg/L	.001	156	0	0	.05	<LOR	<LOR	<LOR	<LOR	<LOR
Copper	mg/L	.001	156	156	0	2	.003	.028	.011	.011	.023
Dichloroacetic Acid	ug/L	10	242	53	0	100	<LOR	21	<LOR	<LOR	14
Fluoride (as F)	mg/L	.05	156	156	0	1.5	.078	1.1	.71	.71	.97
Lead	mg/L	.001	156	3	0	.01	<LOR	.0017	<LOR	<LOR	<LOR
Manganese	mg/L	.001	2713	2697	1	.5	<LOR	.59	.0067	.0042	.014

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
Monochloroacetic Acid	ug/L	10	242	0	0	150	<LOR	<LOR	<LOR	<LOR	<LOR
Nickel	mg/L	.001	156	3	0	.02	<LOR	.012	<LOR	<LOR	<LOR
Nitrate (as N)	mg/L	.1	2713	2659	0	50	<LOR	1.1	.33	.34	.62
Nitrite (as N)	mg/L	.1	2713	2348	0	3	<LOR	.5	<LOR	<LOR	.22
Trichloroacetic Acid	ug/L	10	242	13	0	100	<LOR	15	<LOR	<LOR	<LOR
Trihalomethanes (Total)	ug/L	8	361	361	0	250	29	200	83	77	150
Chlorate	mg/L	.01	247	202	2	.8	<LOR	1	.081	.042	.27

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SPID:	0512
Reporting Period:	01 October 2016 to 30 September 2017
Water Scheme Name:	BOONAH-KALBAR
Population Serviced by Scheme:	NA
Scheme Component:	Distribution
System Location	Scenic Rim Regional Council
Name of DW Source	SEQ Water
Laboratory Name	SAS Laboratory

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
2016 - October	cfu/100mL	1	28	0	0	100	<LOR	<LOR	<LOR
2016 - November	cfu/100mL	1	35	0	0	100	<LOR	<LOR	<LOR
2016 - December	cfu/100mL	1	28	0	0	100	<LOR	<LOR	<LOR
2017 - January	cfu/100mL	1	28	0	0	100	<LOR	<LOR	<LOR
2017 - February	cfu/100mL	1	28	0	0	100	<LOR	<LOR	<LOR
2017 - March	cfu/100mL	1	28	0	0	100	<LOR	<LOR	<LOR
2017 - April	cfu/100mL	1	28	0	0	100	<LOR	<LOR	<LOR
2017 - May	cfu/100mL	1	28	0	0	100	<LOR	<LOR	<LOR
2017 - June	cfu/100mL	1	35	0	0	100	<LOR	<LOR	<LOR
2017 - July	cfu/100mL	1	28	0	0	100	<LOR	<LOR	<LOR
2017 - August	cfu/100mL	1	35	0	0	100	<LOR	<LOR	<LOR
2017 - September	cfu/100mL	1	28	0	0	100	<LOR	<LOR	<LOR

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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
2-Methylisoborneol	ng/L	2	13	1	0	5	<LOR	2.4	<LOR	<LOR	<LOR
Aluminium	mg/L	.001	204	204	0	.2	.015	.17	.036	.035	.061

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
Chloride	mg/L	1	13	13	0	250	27	67	49	45	66
Colour (True)	PCU	.5	204	126	0	15	<LOR	2	.54	<LOR	1.1
Conductivity	uS/cm	1	204	204	0	1000	320	830	420	400	550
Geosmin	ng/L	2	13	9	3	5	<LOR	7.8	3.3	3	7.1
Iron	mg/L	.001	204	201	0	.3	<LOR	.25	.018	.0066	.052
Langelier Index		.1	13	13	0	NL	<LOR	<LOR	<LOR	<LOR	<LOR
pH	pH Unit	.1	204	204	0	NL	6.8	8.8	7.5	7.4	7.9
Silica	mg/L	.1	13	13	0	80	7.3	15	11	10	14
Sodium	mg/L	.05	13	13	0	180	33	55	44	45	54
Sulfate (as SO4)	mg/L	.1	13	13	0	250	38	59	46	45	55
Temperature	deg C	.1	357	357	0	NL	14	32	24	24	30
Total Dissolved Solids	mg/L	1	204	204	0	600	200	530	270	250	350
Total Hardness	mg/L	.1	13	13	0	200	68	120	94	95	110
Turbidity	NTU	.1	204	125	0	5	<LOR	.68	.14	.12	.41
Zinc	mg/L	.001	13	8	0	3	<LOR	.0015	<LOR	.0011	.0014

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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
Bromodichloromethane	ug/L	2	33	33	0	NL	21	78	41	38	64
Alkalinity	mg/L	1	13	13	0	NL	66	92	79	80	90
Bromoform	ug/L	2	33	14	0	NL	<LOR	9	2.1	<LOR	4.2
Calcium	mg/L	.02	13	13	0	NL	14	25	20	20	24
Chloroform	ug/L	2	33	33	0	NL	12	110	64	62	99
Magnesium	mg/L	.02	13	13	0	NL	8	15	11	11	14
Potassium	mg/L	.05	13	13	0	NL	3	3.6	3.3	3.3	3.5
Total Organic Carbon	mg/L	1	13	13	0	NL	2.5	3.4	3	3	3.3

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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	357	0	0	NL	<LOR	<LOR	<LOR	<LOR	<LOR
Heterotrophic Plate Count	cfu/mL	1	357	61	0	NL	<LOR	1600	10	<LOR	4

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

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
Arsenic	mg/L	.01	13	0	0	.01	<LOR	<LOR	<LOR	<LOR	<LOR
Barium	mg/L	.001	13	13	0	2	.015	.025	.019	.02	.024
Cadmium	mg/L	.001	13	0	0	.002	<LOR	<LOR	<LOR	<LOR	<LOR
Chlorine (Free)	mg/L	.1	357	312	0	5	<LOR	2.4	.84	.89	1.8
Chlorine (Total)	mg/L	.1	357	338	0	5	<LOR	3.1	1.1	1.1	2.1
Chromium	mg/L	.001	13	0	0	.05	<LOR	<LOR	<LOR	<LOR	<LOR
Copper	mg/L	.001	13	12	0	2	<LOR	.0021	.0015	.0015	.002
Fluoride (as F)	mg/L	.05	13	13	0	1.5	.6	1	.8	.82	.99
Lead	mg/L	.001	13	0	0	.01	<LOR	<LOR	<LOR	<LOR	<LOR
Manganese	mg/L	.001	204	22	0	.5	<LOR	.013	<LOR	<LOR	.0024
Nickel	mg/L	.001	13	0	0	.02	<LOR	<LOR	<LOR	<LOR	<LOR
Trihalomethanes (Total)	ug/L	8	33	33	0	250	74	220	130	130	190
Chlorate	mg/L	.01	26	26	0	.8	.054	.41	.18	.17	.36

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SPID:	0512
Reporting Period:	01 October 2016 to 30 September 2017
Water Scheme Name:	Canungra
Population Serviced by Scheme:	1000
Scheme Component:	Distribution
System Location	Scenic Rim Regional Council
Name of DW Source	SEQ Water
Laboratory Name	SAS Laboratory

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
2016 - October	cfu/100mL	1	10	0	0	100	<LOR	<LOR	<LOR
2016 - November	cfu/100mL	1	6	0	0	100	<LOR	<LOR	<LOR
2016 - December	cfu/100mL	1	10	0	0	100	<LOR	<LOR	<LOR
2017 - January	cfu/100mL	1	8	0	0	100	<LOR	<LOR	<LOR
2017 - February	cfu/100mL	1	10	0	0	100	<LOR	<LOR	<LOR
2017 - March	cfu/100mL	1	8	0	0	100	<LOR	<LOR	<LOR
2017 - April	cfu/100mL	1	8	0	0	100	<LOR	<LOR	<LOR
2017 - May	cfu/100mL	1	8	0	0	100	<LOR	<LOR	<LOR
2017 - June	cfu/100mL	1	10	0	0	100	<LOR	<LOR	<LOR
2017 - July	cfu/100mL	1	8	0	0	100	<LOR	<LOR	<LOR
2017 - August	cfu/100mL	1	10	0	0	100	<LOR	<LOR	<LOR
2017 - September	cfu/100mL	1	8	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
2-Methylisoborneol	ng/L	2	13	4	0	5	<LOR	3.7	<LOR	<LOR	3.6
Aluminium	mg/L	.001	52	52	0	.2	.0081	.057	.018	.017	.033

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
Chloride	mg/L	1	13	13	0	250	16	59	29	26	59
Colour (True)	PCU	.5	52	9	0	15	<LOR	.9	<LOR	<LOR	.65
Conductivity	uS/cm	1	52	52	0	1000	140	350	230	230	310
Geosmin	ng/L	2	13	2	0	5	<LOR	2.5	<LOR	<LOR	2.4
Iron	mg/L	.001	52	51	0	.3	<LOR	.018	.007	.0061	.016
Langelier Index		.1	13	13	0	NL	<LOR	<LOR	<LOR	<LOR	<LOR
pH	pH Unit	.1	52	52	0	NL	7.1	8.1	7.8	7.8	8.1
Silica	mg/L	.1	13	13	0	80	18	32	26	26	31
Sodium	mg/L	.05	13	13	0	180	12	27	16	14	22
Sulfate (as SO4)	mg/L	.1	13	6	0	250	1	12	2.5	1	7
Temperature	deg C	.1	104	104	0	NL	13	31	23	24	30
Total Dissolved Solids	mg/L	1	52	52	0	600	90	220	150	150	200
Total Hardness	mg/L	.1	13	13	0	200	55	94	75	77	92
Turbidity	NTU	.1	52	34	0	5	<LOR	.22	.11	.11	.18
Zinc	mg/L	.001	13	13	0	3	.0014	.0033	.0024	.0027	.0032

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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
Alkalinity	mg/L	1	13	13	0	NL	53	92	69	70	85
Bromodichloromethane	ug/L	2	13	13	0	NL	8.4	30	16	14	29
Bromoform	ug/L	2	13	1	0	NL	<LOR	3.9	<LOR	<LOR	2.2
Calcium	mg/L	.02	13	13	0	NL	12	21	16	16	19
Chloroform	ug/L	2	13	13	0	NL	13	75	40	45	74
Magnesium	mg/L	.02	13	13	0	NL	5.7	12	8.6	8.4	11
Potassium	mg/L	.05	13	13	0	NL	1	2.5	1.4	1.4	2
Total Organic Carbon	mg/L	1	13	13	0	NL	<LOR	2.3	1.4	1.4	2.1

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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	104	2	0	NL	<LOR	4	<LOR	<LOR	<LOR
Heterotrophic Plate Count	cfu/mL	1	104	29	0	NL	<LOR	65	3	<LOR	9.9

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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
Arsenic	mg/L	.01	13	0	0	.01	<LOR	<LOR	<LOR	<LOR	<LOR
Barium	mg/L	.001	13	13	0	2	.0061	.017	.0086	.0083	.012
Cadmium	mg/L	.001	13	0	0	.002	<LOR	<LOR	<LOR	<LOR	<LOR
Chlorine (Free)	mg/L	.1	104	104	0	5	.34	2.5	1.4	1.4	2.3
Chlorine (Total)	mg/L	.1	104	104	0	5	.6	3	1.6	1.5	2.5
Chromium	mg/L	.001	13	0	0	.05	<LOR	<LOR	<LOR	<LOR	<LOR
Copper	mg/L	.001	13	13	0	2	.0014	.0036	.0022	.0022	.0034
Fluoride (as F)	mg/L	.05	13	13	0	1.5	<LOR	1.1	.24	.077	.87
Lead	mg/L	.001	13	0	0	.01	<LOR	<LOR	<LOR	<LOR	<LOR
Manganese	mg/L	.001	52	36	0	.5	<LOR	.004	.0012	.0011	.0025
Nickel	mg/L	.001	13	1	0	.02	<LOR	.0032	<LOR	<LOR	.0016
Trihalomethanes (Total)	ug/L	8	13	13	0	250	27	98	62	66	97
Chlorate	mg/L	.01	13	7	0	.8	<LOR	.41	.14	.012	.38

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

SPID:	0512
Reporting Period:	01 October 2016 to 30 September 2017
Water Scheme Name:	Beaudesert
Population Serviced by Scheme:	NA
Scheme Component:	Distribution
System Location	Scenic Rim Regional Council
Name of DW Source	SEQ Water
Laboratory Name	SAS Laboratory

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
2016 - October	cfu/100mL	1	34	0	0	100	<LOR	<LOR	<LOR
2016 - November	cfu/100mL	1	21	0	0	100	<LOR	<LOR	<LOR
2016 - December	cfu/100mL	1	35	0	0	100	<LOR	<LOR	<LOR
2017 - January	cfu/100mL	1	28	0	0	100	<LOR	<LOR	<LOR
2017 - February	cfu/100mL	1	35	0	0	100	<LOR	<LOR	<LOR
2017 - March	cfu/100mL	1	28	0	0	100	<LOR	<LOR	<LOR
2017 - April	cfu/100mL	1	28	0	0	100	<LOR	<LOR	<LOR
2017 - May	cfu/100mL	1	28	0	0	100	<LOR	<LOR	<LOR
2017 - June	cfu/100mL	1	35	0	0	100	<LOR	<LOR	<LOR
2017 - July	cfu/100mL	1	28	0	0	100	<LOR	<LOR	<LOR
2017 - August	cfu/100mL	1	35	0	0	100	<LOR	<LOR	<LOR
2017 - September	cfu/100mL	1	28	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
2-Methylisoborneol	ng/L	2	13	0	0	5	<LOR	<LOR	<LOR	<LOR	<LOR
Aluminium	mg/L	.001	104	104	0	.2	.0049	.049	.012	.011	.02

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
Chloride	mg/L	1	13	13	0	250	55	170	99	91	150
Colour (True)	PCU	.5	104	16	0	15	<LOR	1.4	<LOR	<LOR	.6
Conductivity	uS/cm	1	104	104	0	1000	310	900	620	630	820
Geosmin	ng/L	2	13	0	0	5	<LOR	<LOR	<LOR	<LOR	<LOR
Iron	mg/L	.001	104	102	0	.3	<LOR	.049	.0051	.0033	.014
Langelier Index		.1	13	13	0	NL	<LOR	1.1	.39	.4	.96
pH	pH Unit	.1	104	104	0	NL	7.2	8.4	8	8	8.3
Silica	mg/L	.1	13	13	0	80	20	28	25	26	27
Sodium	mg/L	.05	13	13	0	180	31	81	54	51	74
Sulfate (as SO4)	mg/L	.1	13	13	0	250	3.6	14	9.2	10	14
Temperature	deg C	.1	363	363	0	NL	15	34	24	24	30
Total Dissolved Solids	mg/L	1	104	104	0	600	200	580	390	400	530
Total Hardness	mg/L	.1	13	13	5	200	85	270	180	170	260
Turbidity	NTU	.1	104	33	0	5	<LOR	.3	<LOR	<LOR	.18
Zinc	mg/L	.001	13	11	0	3	<LOR	.0064	.0033	.003	.0064

*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
Bromodichloromethane	ug/L	2	91	91	0	NL	14	92	47	47	71
Alkalinity	mg/L	1	13	13	0	NL	79	230	150	150	210
Bromoform	ug/L	2	91	88	0	NL	<LOR	47	14	11	37
Calcium	mg/L	.02	13	13	0	NL	18	53	35	34	51
Chloroform	ug/L	2	91	91	0	NL	5	110	50	51	93
Magnesium	mg/L	.02	13	13	0	NL	9.6	33	22	22	32
Potassium	mg/L	.05	13	13	0	NL	1.8	4.1	2.8	2.8	3.7
Total Organic Carbon	mg/L	1	13	13	0	NL	1.5	3.5	2.1	1.9	3.3

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

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	363	4	0	NL	<LOR	6	<LOR	<LOR	<LOR
Heterotrophic Plate Count	cfu/mL	1	363	115	0	NL	<LOR	11000	220	<LOR	170

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

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
Arsenic	mg/L	.01	13	0	0	.01	<LOR	<LOR	<LOR	<LOR	<LOR
Barium	mg/L	.001	13	13	0	2	.024	.06	.041	.039	.056
Cadmium	mg/L	.001	13	0	0	.002	<LOR	<LOR	<LOR	<LOR	<LOR
Chlorine (Free)	mg/L	.1	397	310	0	5	<LOR	2.5	.7	.69	1.6
Chlorine (Total)	mg/L	.1	397	351	0	5	<LOR	2.6	.91	.93	1.9
Chromium	mg/L	.001	13	0	0	.05	<LOR	<LOR	<LOR	<LOR	<LOR
Copper	mg/L	.001	13	13	0	2	.0018	.0069	.0037	.0033	.0062
Fluoride (as F)	mg/L	.05	13	13	0	1.5	.57	.99	.81	.81	.98
Lead	mg/L	.001	13	2	0	.01	<LOR	.0013	<LOR	<LOR	.0013
Manganese	mg/L	.001	104	2	0	.5	<LOR	.0012	<LOR	<LOR	<LOR
Nickel	mg/L	.001	13	0	0	.02	<LOR	<LOR	<LOR	<LOR	<LOR
Trihalomethanes (Total)	ug/L	8	91	91	0	250	49	240	160	150	220
Chlorate	mg/L	.01	26	14	0	.8	<LOR	.52	.1	.024	.4

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

SPID:	0512
Reporting Period:	01 October 2016 to 30 September 2017
Water Scheme Name:	Kooralbyn
Population Serviced by Scheme:	NA
Scheme Component:	Distribution
System Location	Scenic Rim Regional Council
Name of DW Source	SEQ Water
Laboratory Name	SAS Laboratory

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
2016 - October	cfu/100mL	1	20	0	0	99.52	<LOR	<LOR	<LOR
2016 - November	cfu/100mL	1	12	0	0	100	<LOR	<LOR	<LOR
2016 - December	cfu/100mL	1	20	0	0	100	<LOR	<LOR	<LOR
2017 - January	cfu/100mL	1	16	0	0	100	<LOR	<LOR	<LOR
2017 - February	cfu/100mL	1	20	0	0	100	<LOR	<LOR	<LOR
2017 - March	cfu/100mL	1	16	0	0	100	<LOR	<LOR	<LOR
2017 - April	cfu/100mL	1	16	0	0	100	<LOR	<LOR	<LOR
2017 - May	cfu/100mL	1	16	0	0	100	<LOR	<LOR	<LOR
2017 - June	cfu/100mL	1	20	0	0	100	<LOR	<LOR	<LOR
2017 - July	cfu/100mL	1	15	0	0	100	<LOR	<LOR	<LOR
2017 - August	cfu/100mL	1	20	0	0	100	<LOR	<LOR	<LOR
2017 - September	cfu/100mL	1	16	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
2-Methylisoborneol	ng/L	2	13	0	0	5	<LOR	<LOR	<LOR	<LOR	<LOR
Aluminium	mg/L	.001	52	52	0	.2	.011	.055	.022	.021	.028

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
Chloride	mg/L	1	13	13	0	250	57	140	85	78	130
Colour (True)	PCU	.5	52	4	0	15	<LOR	1.4	<LOR	<LOR	.55
Conductivity	uS/cm	1	52	52	0	1000	350	780	610	620	750
Geosmin	ng/L	2	13	3	0	5	<LOR	4.9	<LOR	<LOR	3.6
Iron	mg/L	.001	52	52	0	.3	.0031	.16	.011	.0067	.02
Langelier Index		.1	13	13	0	NL	<LOR	.73	.25	.31	.64
pH	pH Unit	.1	52	52	0	NL	7.3	8.4	8	8.2	8.3
Silica	mg/L	.1	13	13	0	80	19	24	21	21	24
Sodium	mg/L	.05	13	13	0	180	33	74	55	55	74
Sulfate (as SO4)	mg/L	.1	13	13	0	250	13	82	58	64	82
Temperature	deg C	.1	207	207	0	NL	15	33	24	24	30
Total Dissolved Solids	mg/L	1	52	52	0	600	220	500	390	400	480
Total Hardness	mg/L	.1	13	13	3	200	88	230	160	160	220
Turbidity	NTU	.1	52	38	0	5	<LOR	1.8	.17	.12	.3
Zinc	mg/L	.001	13	13	0	3	.0027	.0038	.0031	.0031	.0036

*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
Bromodichloromethane	ug/L	2	60	60	0	NL	12	58	31	31	51
Alkalinity	mg/L	1	13	13	0	NL	62	130	100	100	130
Bromoform	ug/L	2	60	53	0	NL	<LOR	24	8.2	6.9	18
Calcium	mg/L	.02	13	13	0	NL	20	45	34	34	45
Chloroform	ug/L	2	60	60	0	NL	5	100	29	27	51
Magnesium	mg/L	.02	13	13	0	NL	9.5	29	19	18	28
Potassium	mg/L	.05	13	13	0	NL	1.9	3.7	2.8	2.8	3.6
Total Organic Carbon	mg/L	1	13	13	0	NL	1.1	3.1	1.7	1.7	2.5

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

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	207	0	0	NL	<LOR	<LOR	<LOR	<LOR	<LOR
Heterotrophic Plate Count	cfu/mL	1	207	40	0	NL	<LOR	210	2.5	<LOR	6

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

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
Arsenic	mg/L	.01	13	0	0	.01	<LOR	<LOR	<LOR	<LOR	<LOR
Barium	mg/L	.001	13	13	0	2	.023	.039	.03	.031	.038
Cadmium	mg/L	.001	13	0	0	.002	<LOR	<LOR	<LOR	<LOR	<LOR
Chlorine (Free)	mg/L	.1	207	207	0	5	<LOR	2.3	1	1	1.8
Chlorine (Total)	mg/L	.1	207	207	0	5	.21	2.5	1.2	1.2	2
Chromium	mg/L	.001	13	0	0	.05	<LOR	<LOR	<LOR	<LOR	<LOR
Copper	mg/L	.001	13	12	0	2	<LOR	.0025	.0017	.0016	.0024
Fluoride (as F)	mg/L	.05	13	13	0	1.5	.67	.98	.81	.8	.98
Lead	mg/L	.001	13	0	0	.01	<LOR	<LOR	<LOR	<LOR	<LOR
Manganese	mg/L	.001	52	24	0	.5	<LOR	.045	.002	<LOR	.0034
Nickel	mg/L	.001	13	0	0	.02	<LOR	<LOR	<LOR	<LOR	<LOR
Trihalomethanes (Total)	ug/L	8	60	60	0	250	37	170	98	95	160
Chlorate	mg/L	.01	39	24	0	.8	<LOR	.55	.14	.03	.5

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

SPID:	0512
Reporting Period:	01 October 2016 to 30 September 2017
Water Scheme Name:	Rathdowney
Population Serviced by Scheme:	198 (2007)
Scheme Component:	Distribution
System Location	Scenic Rim Regional Council
Name of DW Source	SEQ Water
Laboratory Name	SAS Laboratory

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
2016 - October	cfu/100mL	1	5	0	0	100	<LOR	<LOR	<LOR
2016 - November	cfu/100mL	1	3	0	0	100	<LOR	<LOR	<LOR
2016 - December	cfu/100mL	1	5	0	0	100	<LOR	<LOR	<LOR
2017 - January	cfu/100mL	1	4	0	0	100	<LOR	<LOR	<LOR
2017 - February	cfu/100mL	1	5	0	0	100	<LOR	<LOR	<LOR
2017 - March	cfu/100mL	1	4	0	0	100	<LOR	<LOR	<LOR
2017 - April	cfu/100mL	1	4	0	0	100	<LOR	<LOR	<LOR
2017 - May	cfu/100mL	1	4	0	0	100	<LOR	<LOR	<LOR
2017 - June	cfu/100mL	1	5	0	0	100	<LOR	<LOR	<LOR
2017 - July	cfu/100mL	1	4	0	0	100	<LOR	<LOR	<LOR
2017 - August	cfu/100mL	1	5	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
2-Methylisoborneol	ng/L	2	13	1	0	5	<LOR	2.3	<LOR	<LOR	<LOR
Aluminium	mg/L	.001	52	52	0	.2	.0044	.026	.013	.013	.022

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
Chloride	mg/L	1	13	13	0	250	52	190	120	110	170
Colour (True)	PCU	.5	52	10	0	15	<LOR	2	<LOR	<LOR	.99
Conductivity	uS/cm	1	52	52	0	1000	280	890	640	640	850
Geosmin	ng/L	2	13	0	0	5	<LOR	<LOR	<LOR	<LOR	<LOR
Iron	mg/L	.001	52	52	0	.3	.002	.15	.011	.0061	.029
Langelier Index		.1	13	13	0	NL	<LOR	.85	.36	.44	.83
pH	pH Unit	.1	52	52	0	NL	7.2	8.4	8.1	8.1	8.2
Silica	mg/L	.1	13	13	0	80	16	23	19	18	22
Sodium	mg/L	.05	13	13	0	180	27	98	66	62	91
Sulfate (as SO4)	mg/L	.1	13	13	0	250	4.5	19	12	14	18
Temperature	deg C	.1	52	52	0	NL	16	32	24	24	30
Total Dissolved Solids	mg/L	1	52	52	0	600	180	570	410	410	540
Total Hardness	mg/L	.1	13	13	1	200	71	220	150	150	210
Turbidity	NTU	.1	52	27	0	5	<LOR	1.6	.14	<LOR	.33
Zinc	mg/L	.001	13	13	0	3	.0037	.01	.0069	.0072	.0095

*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
Bromodichloromethane	ug/L	2	20	20	0	NL	23	71	48	46	71
Alkalinity	mg/L	1	13	13	0	NL	66	180	120	120	170
Bromoform	ug/L	2	20	19	0	NL	<LOR	32	12	8.1	31
Calcium	mg/L	.02	13	13	0	NL	16	44	32	30	44
Chloroform	ug/L	2	20	20	0	NL	9.8	82	44	50	77
Magnesium	mg/L	.02	13	13	0	NL	7.5	26	18	17	25
Potassium	mg/L	.05	13	13	0	NL	1.7	3.7	2.8	2.9	3.6
Total Organic Carbon	mg/L	1	13	13	0	NL	1.7	3.3	2.4	2.2	3.2

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

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	52	1	0	NL	<LOR	<LOR	<LOR	<LOR	<LOR
Heterotrophic Plate Count	cfu/mL	1	52	11	0	NL	<LOR	1200	81	<LOR	620

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

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
Arsenic	mg/L	.01	13	0	0	.01	<LOR	<LOR	<LOR	<LOR	<LOR
Barium	mg/L	.001	13	13	0	2	.028	.074	.057	.059	.074
Cadmium	mg/L	.001	13	0	0	.002	<LOR	<LOR	<LOR	<LOR	<LOR
Chlorine (Free)	mg/L	.1	52	40	0	5	<LOR	1.8	.62	.64	1.3
Chlorine (Total)	mg/L	.1	52	48	0	5	<LOR	2	.81	.8	1.5
Chromium	mg/L	.001	13	0	0	.05	<LOR	<LOR	<LOR	<LOR	<LOR
Copper	mg/L	.001	13	13	0	2	.0017	.0035	.0024	.0025	.0033
Fluoride (as F)	mg/L	.05	13	13	0	1.5	.093	.35	.17	.15	.27
Lead	mg/L	.001	13	0	0	.01	<LOR	<LOR	<LOR	<LOR	<LOR
Manganese	mg/L	.001	52	17	0	.5	<LOR	.017	.0018	<LOR	.0074
Nickel	mg/L	.001	13	0	0	.02	<LOR	<LOR	<LOR	<LOR	<LOR
Trihalomethanes (Total)	ug/L	8	20	20	0	250	69	200	150	150	200
Chlorate	mg/L	.01	13	2	0	.8	<LOR	.054	<LOR	<LOR	.031

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

SPID:	0512
Reporting Period:	01 October 2016 to 30 September 2017
Water Scheme Name:	Jimna
Population Serviced by Scheme:	NA
Scheme Component:	Distribution
System Location	Somerset Regional Council
Name of DW Source	SEQ Water
Laboratory Name	SAS Laboratory

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
2016 - October	cfu/100mL	1	4	0	0	100	<LOR	<LOR	<LOR
2016 - November	cfu/100mL	1	5	0	0	100	<LOR	<LOR	<LOR
2016 - December	cfu/100mL	1	4	0	0	100	<LOR	<LOR	<LOR
2017 - January	cfu/100mL	1	5	0	0	100	<LOR	<LOR	<LOR
2017 - February	cfu/100mL	1	3	0	0	100	<LOR	<LOR	<LOR
2017 - March	cfu/100mL	1	5	0	0	100	<LOR	<LOR	<LOR
2017 - April	cfu/100mL	1	4	0	0	100	<LOR	<LOR	<LOR
2017 - May	cfu/100mL	1	5	0	0	100	<LOR	<LOR	<LOR
2017 - June	cfu/100mL	1	4	0	0	100	<LOR	<LOR	<LOR
2017 - July	cfu/100mL	1	4	0	0	100	<LOR	<LOR	<LOR
2017 - August	cfu/100mL	1	5	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
2-Methylisoborneol	ng/L	2	13	2	0	5	<LOR	2.7	<LOR	<LOR	2.3
Aluminium	mg/L	.001	52	52	0	.2	.012	.04	.022	.019	.038

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
Chloride	mg/L	1	13	13	0	250	21	58	35	32	50
Colour (True)	PCU	.5	52	20	0	15	<LOR	1.6	<LOR	<LOR	.95
Conductivity	uS/cm	1	52	52	0	1000	270	470	430	430	450
Geosmin	ng/L	2	13	6	1	5	<LOR	6.1	2.1	<LOR	4.6
Iron	mg/L	.001	52	52	0	.3	.0018	.011	.0048	.0044	.0084
Langelier Index		.1	13	13	0	NL	<LOR	<LOR	<LOR	<LOR	<LOR
Silica	mg/L	.1	13	13	0	80	7.8	15	11	9.9	14
pH	pH Unit	.1	52	52	0	NL	6.8	8.1	7.4	7.3	7.8
Sodium	mg/L	.05	13	13	0	180	60	81	68	66	79
Sulfate (as SO4)	mg/L	.1	13	13	0	250	75	98	84	83	94
Temperature	deg C	.1	52	52	0	NL	16	28	22	22	27
Total Dissolved Solids	mg/L	1	52	52	0	600	170	300	270	280	290
Total Hardness	mg/L	.1	13	13	0	200	40	54	47	47	53
Turbidity	NTU	.1	52	30	0	5	<LOR	.27	.1	<LOR	.22
Zinc	mg/L	.001	13	13	0	3	.004	.023	.0097	.0062	.022

*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
Alkalinity	mg/L	1	13	13	0	NL	62	85	72	71	85
Bromodichloromethane	ug/L	2	13	13	0	NL	13	25	21	20	24
Bromoform	ug/L	2	13	0	0	NL	<LOR	<LOR	<LOR	<LOR	<LOR
Calcium	mg/L	.02	13	13	0	NL	7.4	9.9	8.4	8	9.7
Chloroform	ug/L	2	13	13	0	NL	33	140	80	72	130
Magnesium	mg/L	.02	13	13	0	NL	5.2	7.4	6.4	6.6	7.2
Potassium	mg/L	.05	13	13	0	NL	1.9	3.3	2.5	2.2	3.2
Total Organic Carbon	mg/L	1	13	13	0	NL	2.2	4.4	3.2	3.1	4.3

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

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	52	0	0	NL	<LOR	<LOR	<LOR	<LOR	<LOR
Heterotrophic Plate Count	cfu/mL	1	52	10	0	NL	<LOR	150	4.8	<LOR	16

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

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
Arsenic	mg/L	.01	13	0	0	.01	<LOR	<LOR	<LOR	<LOR	<LOR
Barium	mg/L	.001	13	13	0	2	.011	.016	.014	.015	.016
Cadmium	mg/L	.001	13	0	0	.002	<LOR	<LOR	<LOR	<LOR	<LOR
Chlorine (Free)	mg/L	.1	52	46	0	5	<LOR	2.6	1	.89	2.2
Chlorine (Total)	mg/L	.1	52	50	0	5	<LOR	2.7	1.2	1.1	2.5
Chromium	mg/L	.001	13	0	0	.05	<LOR	<LOR	<LOR	<LOR	<LOR
Copper	mg/L	.001	13	13	0	2	.0019	.0061	.0036	.0031	.0059
Fluoride (as F)	mg/L	.05	13	11	0	1.5	<LOR	.81	.094	<LOR	.38
Lead	mg/L	.001	13	0	0	.01	<LOR	<LOR	<LOR	<LOR	<LOR
Manganese	mg/L	.001	52	35	0	.5	<LOR	.0072	.0019	.0014	.0054
Nickel	mg/L	.001	13	0	0	.02	<LOR	<LOR	<LOR	<LOR	<LOR
Trihalomethanes (Total)	ug/L	8	13	13	0	250	51	160	100	100	160
Chlorate	mg/L	.01	13	12	0	.8	<LOR	.41	.2	.19	.35

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

SPID:	0512
Reporting Period:	01 October 2016 to 30 September 2017
Water Scheme Name:	Linville
Population Serviced by Scheme:	300
Scheme Component:	Distribution
System Location	Somerset Regional Council
Name of DW Source	SEQ Water
Laboratory Name	SAS Laboratory

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
2016 - October	cfu/100mL	1	4	0	0	100	<LOR	<LOR	<LOR
2016 - November	cfu/100mL	1	5	0	0	100	<LOR	<LOR	<LOR
2016 - December	cfu/100mL	1	4	0	0	100	<LOR	<LOR	<LOR
2017 - January	cfu/100mL	1	5	0	0	100	<LOR	<LOR	<LOR
2017 - February	cfu/100mL	1	3	0	0	100	<LOR	<LOR	<LOR
2017 - March	cfu/100mL	1	5	0	0	100	<LOR	<LOR	<LOR
2017 - April	cfu/100mL	1	4	0	0	100	<LOR	<LOR	<LOR
2017 - May	cfu/100mL	1	5	0	0	100	<LOR	<LOR	<LOR
2017 - June	cfu/100mL	1	4	0	0	100	<LOR	<LOR	<LOR
2017 - July	cfu/100mL	1	4	0	0	100	<LOR	<LOR	<LOR
2017 - August	cfu/100mL	1	5	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
2-Methylisoborneol	ng/L	2	13	2	0	5	<LOR	2.5	<LOR	<LOR	2.4
Aluminium	mg/L	.001	52	52	0	.2	.016	.041	.026	.025	.037

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
Chloride	mg/L	1	13	13	0	250	23	59	40	38	55
Colour (True)	PCU	.5	52	4	0	15	<LOR	1.2	<LOR	<LOR	<LOR
Conductivity	uS/cm	1	52	52	0	1000	280	340	310	310	330
Geosmin	ng/L	2	13	0	0	5	<LOR	<LOR	<LOR	<LOR	<LOR
Iron	mg/L	.001	52	52	0	.3	.0031	.026	.011	.0093	.02
Langelier Index		.1	13	13	0	NL	<LOR	<LOR	<LOR	<LOR	<LOR
Silica	mg/L	.1	13	13	0	80	.92	5.6	2.4	2.3	4.3
pH	pH Unit	.1	52	52	0	NL	7.2	8	7.7	7.7	7.9
Sodium	mg/L	.05	13	13	0	180	27	38	33	33	36
Sulfate (as SO4)	mg/L	.1	13	13	0	250	31	62	37	36	48
Temperature	deg C	.1	52	52	0	NL	15	32	24	23	29
Total Dissolved Solids	mg/L	1	52	52	0	600	180	220	200	200	210
Total Hardness	mg/L	.1	13	13	0	200	60	83	67	66	76
Turbidity	NTU	.1	52	45	0	5	<LOR	.23	.13	.12	.22
Zinc	mg/L	.001	13	13	0	3	.0018	.011	.004	.0034	.0077

*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
Bromodichloromethane	ug/L	2	13	13	0	NL	19	33	25	23	33
Alkalinity	mg/L	1	13	13	0	NL	42	53	48	48	52
Bromoform	ug/L	2	13	6	0	NL	<LOR	3.2	<LOR	<LOR	3.1
Calcium	mg/L	.02	13	13	0	NL	11	24	15	14	19
Chloroform	ug/L	2	13	13	0	NL	29	88	45	35	76
Magnesium	mg/L	.02	13	13	0	NL	5.4	8.1	7.4	7.6	8
Potassium	mg/L	.05	13	13	0	NL	2.6	3	2.8	2.8	3
Total Organic Carbon	mg/L	1	13	13	0	NL	2	3.2	2.6	2.6	3.1

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

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	52	0	0	NL	<LOR	<LOR	<LOR	<LOR	<LOR
Heterotrophic Plate Count	cfu/mL	1	52	5	0	NL	<LOR	12	<LOR	<LOR	3.5

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

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
Arsenic	mg/L	.01	13	0	0	.01	<LOR	<LOR	<LOR	<LOR	<LOR
Barium	mg/L	.001	13	13	0	2	.014	.02	.016	.015	.019
Cadmium	mg/L	.001	13	0	0	.002	<LOR	<LOR	<LOR	<LOR	<LOR
Chlorine (Free)	mg/L	.1	52	52	0	5	.12	4	1.8	1.6	3.3
Chlorine (Total)	mg/L	.1	52	52	0	5	.3	4.4	1.9	1.7	3.6
Chromium	mg/L	.001	13	0	0	.05	<LOR	<LOR	<LOR	<LOR	<LOR
Copper	mg/L	.001	13	13	0	2	.0016	.0044	.0028	.0028	.0039
Fluoride (as F)	mg/L	.05	13	13	0	1.5	.47	1	.75	.79	.96
Lead	mg/L	.001	13	0	0	.01	<LOR	<LOR	<LOR	<LOR	<LOR
Manganese	mg/L	.001	52	3	0	.5	<LOR	.0012	<LOR	<LOR	<LOR
Nickel	mg/L	.001	13	0	0	.02	<LOR	<LOR	<LOR	<LOR	<LOR
Trihalomethanes (Total)	ug/L	8	13	13	0	250	60	120	84	74	110
Chlorate	mg/L	.01	13	9	0	.8	<LOR	.1	.049	.057	.1

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

SPID:	0512
Reporting Period:	01 October 2016 to 30 September 2017
Water Scheme Name:	Kilcoy
Population Serviced by Scheme:	4,075 (2009)
Scheme Component:	Distribution
System Location	Somerset Regional Council
Name of DW Source	SEQ Water
Laboratory Name	SAS Laboratory

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
2016 - October	cfu/100mL	1	8	0	0	100	<LOR	<LOR	<LOR
2016 - November	cfu/100mL	1	10	0	0	100	<LOR	<LOR	<LOR
2016 - December	cfu/100mL	1	8	0	0	100	<LOR	<LOR	<LOR
2017 - January	cfu/100mL	1	10	0	0	100	<LOR	<LOR	<LOR
2017 - February	cfu/100mL	1	6	0	0	100	<LOR	<LOR	<LOR
2017 - March	cfu/100mL	1	10	0	0	100	<LOR	<LOR	<LOR
2017 - April	cfu/100mL	1	8	0	0	100	<LOR	<LOR	<LOR
2017 - May	cfu/100mL	1	10	0	0	100	<LOR	<LOR	<LOR
2017 - June	cfu/100mL	1	8	0	0	100	<LOR	<LOR	<LOR
2017 - July	cfu/100mL	1	8	0	0	100	<LOR	<LOR	<LOR
2017 - August	cfu/100mL	1	10	0	0	100	<LOR	<LOR	<LOR
2017 - September	cfu/100mL	1	8	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
2-Methylisoborneol	ng/L	2	13	2	0	5	<LOR	2.4	<LOR	<LOR	2.3
Aluminium	mg/L	.001	52	52	1	.2	.017	.26	.038	.032	.048

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
Chloride	mg/L	1	13	13	0	250	24	50	38	37	49
Colour (True)	PCU	.5	52	12	0	15	<LOR	.9	<LOR	<LOR	.65
Conductivity	uS/cm	1	52	52	0	1000	280	460	310	300	320
Geosmin	ng/L	2	13	1	0	5	<LOR	3.7	<LOR	<LOR	2.1
Iron	mg/L	.001	52	52	2	.3	.0053	.9	.047	.014	.088
Langelier Index		.1	13	13	0	NL	<LOR	<LOR	<LOR	<LOR	<LOR
pH	pH Unit	.1	52	52	0	NL	7.2	7.9	7.6	7.6	7.8
Silica	mg/L	.1	13	13	0	80	1.9	4.9	2.9	3	4.2
Sodium	mg/L	.05	13	13	0	180	28	36	31	32	35
Sulfate (as SO4)	mg/L	.1	13	13	0	250	31	57	37	36	49
Temperature	deg C	.1	104	104	0	NL	16	30	24	24	29
Total Dissolved Solids	mg/L	1	52	52	0	600	180	290	200	190	210
Total Hardness	mg/L	.1	13	13	0	200	58	80	66	66	73
Turbidity	NTU	.1	52	42	1	5	<LOR	6.5	.38	.12	.92
Zinc	mg/L	.001	13	13	0	3	.0016	.0085	.0046	.0036	.0084

*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
Bromodichloromethane	ug/L	2	13	13	0	NL	22	41	29	28	37
Alkalinity	mg/L	1	13	13	0	NL	44	52	48	48	51
Bromoform	ug/L	2	13	7	0	NL	<LOR	3.1	<LOR	2.1	3.1
Calcium	mg/L	.02	13	13	0	NL	14	20	16	15	19
Chloroform	ug/L	2	13	13	0	NL	12	140	52	42	100
Magnesium	mg/L	.02	13	13	0	NL	5.2	7.5	6.5	6.4	7.3
Potassium	mg/L	.05	13	13	0	NL	2.3	3	2.7	2.8	3
Total Organic Carbon	mg/L	1	13	13	0	NL	2	3.5	2.7	2.6	3.4

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

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	104	1	0	NL	<LOR	<LOR	<LOR	<LOR	<LOR
Heterotrophic Plate Count	cfu/mL	1	104	11	0	NL	<LOR	200	4.3	<LOR	5.7

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

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
Arsenic	mg/L	.01	13	0	0	.01	<LOR	<LOR	<LOR	<LOR	<LOR
Barium	mg/L	.001	13	13	0	2	.015	.02	.017	.017	.02
Cadmium	mg/L	.001	13	0	0	.002	<LOR	<LOR	<LOR	<LOR	<LOR
Chlorine (Free)	mg/L	.1	104	92	0	5	<LOR	1.5	.67	.7	1.2
Chlorine (Total)	mg/L	.1	104	92	0	5	<LOR	1.7	.82	.87	1.5
Chromium	mg/L	.001	13	0	0	.05	<LOR	<LOR	<LOR	<LOR	<LOR
Copper	mg/L	.001	13	13	0	2	.002	.0053	.0035	.003	.0052
Fluoride (as F)	mg/L	.05	13	13	0	1.5	.11	.99	.71	.78	.94
Lead	mg/L	.001	13	0	0	.01	<LOR	<LOR	<LOR	<LOR	<LOR
Manganese	mg/L	.001	52	14	0	.5	<LOR	.25	.0088	<LOR	.021
Nickel	mg/L	.001	13	0	0	.02	<LOR	<LOR	<LOR	<LOR	<LOR
Trihalomethanes (Total)	ug/L	8	13	13	0	250	65	180	96	85	140
Chlorate	mg/L	.01	13	2	0	.8	<LOR	.18	.023	<LOR	.11

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

SPID:	0512
Reporting Period:	01 October 2016 to 30 September 2017
Water Scheme Name:	Somerset Township
Population Serviced by Scheme:	NA
Scheme Component:	Distribution
System Location	Somerset Regional Council
Name of DW Source	SEQ Water
Laboratory Name	SAS Laboratory

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
2016 - October	cfu/100mL	1	4	0	0	100	<LOR	<LOR	<LOR
2016 - November	cfu/100mL	1	5	0	0	100	<LOR	<LOR	<LOR
2016 - December	cfu/100mL	1	4	0	0	100	<LOR	<LOR	<LOR
2017 - January	cfu/100mL	1	5	0	0	100	<LOR	<LOR	<LOR
2017 - February	cfu/100mL	1	3	0	0	100	<LOR	<LOR	<LOR
2017 - March	cfu/100mL	1	5	0	0	100	<LOR	<LOR	<LOR
2017 - April	cfu/100mL	1	4	0	0	100	<LOR	<LOR	<LOR
2017 - May	cfu/100mL	1	5	0	0	100	<LOR	<LOR	<LOR
2017 - June	cfu/100mL	1	4	0	0	100	<LOR	<LOR	<LOR
2017 - July	cfu/100mL	1	4	0	0	100	<LOR	<LOR	<LOR
2017 - August	cfu/100mL	1	5	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
2-Methylisoborneol	ng/L	2	13	9	1	5	<LOR	6.1	3.1	3	5.4
Aluminium	mg/L	.001	52	52	0	.2	.02	.09	.044	.042	.075

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
Chloride	mg/L	1	13	13	0	250	31	54	42	42	52
Colour (True)	PCU	.5	52	20	0	15	<LOR	2	<LOR	<LOR	.95
Conductivity	uS/cm	1	52	52	0	1000	250	310	280	280	300
Geosmin	ng/L	2	13	4	0	5	<LOR	3.2	<LOR	<LOR	3.2
Iron	mg/L	.001	52	52	1	.3	.015	.34	.068	.055	.18
Langelier Index		.1	13	13	0	NL	<LOR	<LOR	<LOR	<LOR	<LOR
pH	pH Unit	.1	52	52	0	NL	7.5	8.4	7.8	7.8	8
Silica	mg/L	.1	13	13	0	80	.86	2.4	1.8	1.9	2.3
Sodium	mg/L	.05	13	13	0	180	25	34	29	30	33
Sulfate (as SO4)	mg/L	.1	13	13	0	250	21	31	26	27	30
Temperature	deg C	.1	52	52	0	NL	17	34	25	25	32
Total Dissolved Solids	mg/L	1	52	52	0	600	160	200	180	180	190
Total Hardness	mg/L	.1	13	13	0	200	50	64	58	57	64
Turbidity	NTU	.1	52	52	0	5	.11	1.1	.28	.24	.69
Zinc	mg/L	.001	13	13	0	3	.0032	.015	.0066	.005	.013

*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
Bromodichloromethane	ug/L	2	20	20	0	NL	19	43	32	32	39
Alkalinity	mg/L	1	13	13	0	NL	36	44	40	41	44
Bromoform	ug/L	2	20	4	0	NL	<LOR	2.6	<LOR	<LOR	2.3
Calcium	mg/L	.02	13	13	0	NL	8.6	14	12	12	14
Chloroform	ug/L	2	20	20	0	NL	43	150	84	80	120
Magnesium	mg/L	.02	13	13	0	NL	5.9	7.7	6.7	6.9	7.3
Potassium	mg/L	.05	13	13	0	NL	2.4	2.9	2.7	2.7	2.9
Total Organic Carbon	mg/L	1	13	13	0	NL	2.6	3.5	3	3	3.4

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

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	52	1	0	NL	<LOR	4800	93	<LOR	<LOR
Heterotrophic Plate Count	cfu/mL	1	52	7	0	NL	<LOR	56	2	<LOR	2.5

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

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
Arsenic	mg/L	.01	13	0	0	.01	<LOR	<LOR	<LOR	<LOR	<LOR
Barium	mg/L	.001	13	13	0	2	.015	.021	.019	.018	.021
Cadmium	mg/L	.001	13	0	0	.002	<LOR	<LOR	<LOR	<LOR	<LOR
Chlorine (Free)	mg/L	.1	52	52	0	5	.32	2.3	1.2	1.2	1.8
Chlorine (Total)	mg/L	.1	52	52	0	5	.6	2.5	1.4	1.4	2
Chromium	mg/L	.001	13	0	0	.05	<LOR	<LOR	<LOR	<LOR	<LOR
Copper	mg/L	.001	13	13	0	2	.0017	.0043	.0028	.0025	.004
Fluoride (as F)	mg/L	.05	13	12	0	1.5	<LOR	.14	.06	.057	.12
Lead	mg/L	.001	13	2	0	.01	<LOR	.0011	<LOR	<LOR	.0011
Manganese	mg/L	.001	52	52	0	.5	.0012	.02	.0062	.0057	.014
Nickel	mg/L	.001	13	0	0	.02	<LOR	<LOR	<LOR	<LOR	<LOR
Trihalomethanes (Total)	ug/L	8	20	20	0	250	78	210	130	120	170
Chlorate	mg/L	.01	13	13	0	.8	.14	.8	.37	.36	.66

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

SPID:	0512
Reporting Period:	01 October 2016 to 30 September 2017
Water Scheme Name:	Esk-Toogoolawah
Population Serviced by Scheme:	955 (2006)
Scheme Component:	Distribution
System Location	Somerset Regional Council
Name of DW Source	SEQ Water
Laboratory Name	SAS Laboratory

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
2016 - October	cfu/100mL	1	8	0	0	100	<LOR	<LOR	<LOR
2016 - November	cfu/100mL	1	10	0	0	100	<LOR	<LOR	<LOR
2016 - December	cfu/100mL	1	8	0	0	100	<LOR	<LOR	<LOR
2017 - January	cfu/100mL	1	10	0	0	100	<LOR	<LOR	<LOR
2017 - February	cfu/100mL	1	6	0	0	100	<LOR	<LOR	<LOR
2017 - March	cfu/100mL	1	10	0	0	100	<LOR	<LOR	<LOR
2017 - April	cfu/100mL	1	8	0	0	100	<LOR	<LOR	<LOR
2017 - May	cfu/100mL	1	10	0	0	100	<LOR	<LOR	<LOR
2017 - June	cfu/100mL	1	8	0	0	100	<LOR	<LOR	<LOR
2017 - July	cfu/100mL	1	8	0	0	100	<LOR	<LOR	<LOR
2017 - August	cfu/100mL	1	10	0	0	100	<LOR	<LOR	<LOR
2017 - September	cfu/100mL	1	8	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
2-Methylisoborneol	ng/L	2	13	5	0	5	<LOR	4.4	<LOR	<LOR	3.9
Aluminium	mg/L	.001	104	104	0	.2	.03	.11	.058	.059	.085

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
Chloride	mg/L	1	13	13	0	250	36	90	66	63	86
Colour (True)	PCU	.5	104	9	0	15	<LOR	1.2	<LOR	<LOR	.59
Conductivity	uS/cm	1	104	104	0	1000	370	460	420	420	450
Geosmin	ng/L	2	13	1	0	5	<LOR	3.5	<LOR	<LOR	<LOR
Iron	mg/L	.001	104	104	0	.3	.0025	.07	.011	.0076	.03
Langelier Index		.1	13	13	0	NL	<LOR	.14	<LOR	<LOR	<LOR
Silica	mg/L	.1	13	13	0	80	1.1	5.8	3.3	3.7	5.7
pH	pH Unit	.1	104	104	0	NL	7	8.2	7.4	7.4	7.9
Sodium	mg/L	.05	13	13	0	180	35	46	40	40	45
Sulfate (as SO4)	mg/L	.1	13	13	0	250	26	32	28	29	32
Temperature	deg C	.1	104	104	0	NL	17	35	25	25	32
Total Dissolved Solids	mg/L	1	104	104	0	600	240	300	270	270	290
Total Hardness	mg/L	.1	13	13	0	200	100	120	110	110	120
Turbidity	NTU	.1	104	68	0	5	<LOR	.7	.14	.12	.36
Zinc	mg/L	.001	13	10	0	3	<LOR	.013	.0025	.0015	.0072

*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
Bromodichloromethane	ug/L	2	13	13	0	NL	25	61	41	44	59
Alkalinity	mg/L	1	13	13	0	NL	67	86	77	76	85
Bromoform	ug/L	2	13	13	0	NL	4.9	11	6.8	6	9.5
Calcium	mg/L	.02	13	13	0	NL	20	25	22	23	24
Chloroform	ug/L	2	13	13	0	NL	18	68	36	31	61
Magnesium	mg/L	.02	13	13	0	NL	12	14	13	13	14
Potassium	mg/L	.05	13	13	0	NL	2.9	3.6	3.5	3.5	3.6
Total Organic Carbon	mg/L	1	13	13	0	NL	2.6	6.9	3.3	3	5

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

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	104	0	0	NL	<LOR	<LOR	<LOR	<LOR	<LOR
Heterotrophic Plate Count	cfu/mL	1	104	8	0	NL	<LOR	16	<LOR	<LOR	2

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

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
Arsenic	mg/L	.01	13	0	0	.01	<LOR	<LOR	<LOR	<LOR	<LOR
Barium	mg/L	.001	13	13	0	2	.021	.027	.025	.024	.027
Cadmium	mg/L	.001	13	0	0	.002	<LOR	<LOR	<LOR	<LOR	<LOR
Chlorine (Free)	mg/L	.1	104	104	0	5	.23	2.4	1.1	1.1	1.9
Chlorine (Total)	mg/L	.1	104	104	0	5	.44	2.5	1.4	1.4	2.2
Chromium	mg/L	.001	13	0	0	.05	<LOR	<LOR	<LOR	<LOR	<LOR
Copper	mg/L	.001	13	13	0	2	.0012	.0066	.0021	.0017	.0043
Fluoride (as F)	mg/L	.05	13	13	0	1.5	.55	1.1	.82	.83	1
Lead	mg/L	.001	13	1	0	.01	<LOR	.0016	<LOR	<LOR	<LOR
Manganese	mg/L	.001	104	30	0	.5	<LOR	.0043	<LOR	<LOR	.0024
Nickel	mg/L	.001	13	0	0	.02	<LOR	<LOR	<LOR	<LOR	<LOR
Trihalomethanes (Total)	ug/L	8	13	13	0	250	75	170	120	120	170
Chlorate	mg/L	.01	13	4	0	.8	<LOR	.51	.058	<LOR	.29

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

SPID:	0512
Reporting Period:	01 October 2016 to 30 September 2017
Water Scheme Name:	Lowood
Population Serviced by Scheme:	NA
Scheme Component:	Distribution
System Location	Somerset Regional Council Lockyer Valley Regional Council
Name of DW Source	SEQ Water Toowoomba Regional Council
Laboratory Name	SAS Laboratory

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
2016 - October	cfu/100mL	1	134	0	0	100	<LOR	<LOR	<LOR
2016 - November	cfu/100mL	1	131	1	1	100	<LOR	1	<LOR
2016 - December	cfu/100mL	1	132	1	1	100	<LOR	2	<LOR
2017 - January	cfu/100mL	1	131	0	0	100	<LOR	<LOR	<LOR
2017 - February	cfu/100mL	1	130	0	0	100	<LOR	<LOR	<LOR
2017 - March	cfu/100mL	1	123	1	1	100	<LOR	3	<LOR
2017 - April	cfu/100mL	1	121	0	0	100	<LOR	<LOR	<LOR
2017 - May	cfu/100mL	1	143	0	0	100	<LOR	<LOR	<LOR
2017 - June	cfu/100mL	1	128	0	0	100	<LOR	<LOR	<LOR
2017 - July	cfu/100mL	1	146	0	0	100	<LOR	<LOR	<LOR
2017 - August	cfu/100mL	1	132	0	0	100	<LOR	<LOR	<LOR
2017 - September	cfu/100mL	1	124	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
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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
2-Methylisoborneol	ng/L	2	103	72	18	5	<LOR	10	3.2	2.7	7.5
Aluminium	mg/L	.001	592	592	1	.2	.013	.21	.029	.027	.05
Chloride	mg/L	1	103	103	0	250	<LOR	95	65	65	81
Colour (True)	PCU	.5	592	97	0	15	<LOR	1.6	<LOR	<LOR	.7
Conductivity	uS/cm	1	592	592	0	1000	400	520	430	430	470
Geosmin	ng/L	2	103	14	0	5	<LOR	4.2	<LOR	<LOR	2.4
Iron	mg/L	.001	592	591	0	.3	<LOR	.26	.016	.0087	.046
Langelier Index		.1	103	103	0	NL	<LOR	.6	<LOR	<LOR	.47
Silica	mg/L	.1	103	103	0	80	1.4	14	5.2	5.7	8.5
pH	pH Unit	.1	592	592	0	NL	6.9	8.6	7.6	7.5	8.4
Sodium	mg/L	.05	103	103	0	180	30	41	36	36	39
Sulfate (as SO4)	mg/L	.1	103	103	0	250	21	82	31	29	56
Temperature	deg C	.1	1574	1574	0	NL	12	35	24	24	31
Total Dissolved Solids	mg/L	1	592	592	0	600	260	330	280	270	300
Total Hardness	mg/L	.1	103	103	0	200	100	150	120	120	140
Turbidity	NTU	.1	592	383	0	5	<LOR	2.6	.15	.11	.39
Zinc	mg/L	.001	103	98	0	3	<LOR	.019	.0031	.0027	.0062

*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
Alkalinity	mg/L	1	103	103	0	NL	58	94	79	78	91
Bromodichloromethane	ug/L	2	143	143	0	NL	17	81	42	41	58
Bromoform	ug/L	2	143	142	0	NL	<LOR	10	7.3	7.3	9.4
Calcium	mg/L	.02	103	103	0	NL	22	41	27	26	36
Chloroform	ug/L	2	143	143	0	NL	11	120	51	48	93
Magnesium	mg/L	.02	103	103	0	NL	11	16	13	13	15

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
Potassium	mg/L	.05	103	103	0	NL	2.9	4.8	3.5	3.5	4.1
Total Organic Carbon	mg/L	1	102	102	0	NL	2.6	4.9	3.3	3.3	3.7

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

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	1575	16	0	NL	<LOR	20	<LOR	<LOR	<LOR
Heterotrophic Plate Count	cfu/mL	1	1575	404	0	NL	<LOR	11000	56	<LOR	41

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

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
Arsenic	mg/L	.01	103	0	0	.01	<LOR	<LOR	<LOR	<LOR	<LOR
Barium	mg/L	.001	103	103	0	2	.024	.035	.028	.028	.032
Cadmium	mg/L	.001	103	0	0	.002	<LOR	<LOR	<LOR	<LOR	<LOR
Chlorine (Free)	mg/L	.1	1574	1251	0	5	<LOR	3	.74	.6	1.9
Chlorine (Total)	mg/L	.1	1574	1444	0	5	<LOR	3.7	.97	.86	2.3
Chromium	mg/L	.001	103	0	0	.05	<LOR	<LOR	<LOR	<LOR	<LOR
Copper	mg/L	.001	103	103	0	2	.0015	.027	.0057	.0053	.01
Fluoride (as F)	mg/L	.05	103	103	0	1.5	<LOR	1.2	.78	.76	1.1
Lead	mg/L	.001	103	22	0	.01	<LOR	.0037	<LOR	<LOR	.0014
Manganese	mg/L	.001	592	309	0	.5	<LOR	.04	.0017	<LOR	.0046
Nickel	mg/L	.001	103	0	0	.02	<LOR	<LOR	<LOR	<LOR	<LOR
Trihalomethanes (Total)	ug/L	8	143	143	0	250	53	230	130	130	180
Chlorate	mg/L	.01	129	58	0	.8	<LOR	.47	.063	<LOR	.38

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