

Reporting Period:	October 1, 2011 - September 30, 2012
Water Scheme Name:	BOONAH-KALBAR
System Location:	Scenic Rim Regional Council (Boonah, Kalbar, Mt. Alford, Aratula)

Microbiology

Escherichia Coli	Unit of Measure	LOR	Number of Tests	12 Monthly Rolling Compliance	Minimum	Maximum	Average
October	cfu/100mL	1	13	99.19	<LOR	<LOR	<LOR
November	cfu/100mL	1	9	99.19	<LOR	<LOR	<LOR
December	cfu/100mL	1	8	99.17	<LOR	<LOR	<LOR
January	cfu/100mL	1	11	100	<LOR	<LOR	<LOR
February	cfu/100mL	1	9	100	<LOR	<LOR	<LOR
March	cfu/100mL	1	9	100	<LOR	<LOR	<LOR
April	cfu/100mL	1	11	100	<LOR	<LOR	<LOR
May	cfu/100mL	1	9	100	<LOR	<LOR	<LOR
June	cfu/100mL	1	9	100	<LOR	<LOR	<LOR
July	cfu/100mL	1	12	100	<LOR	<LOR	<LOR
August	cfu/100mL	1	11	100	<LOR	<LOR	<LOR
September	cfu/100mL	1	7	100	<LOR	<LOR	<LOR

LOR = Limit of reporting

Chemistry (General)

General	Unit of Measure	LOR	Number of Tests	Health Limit	Aesthetic Limit	Minimum	Maximum	Average	95th Percentile
Alkalinity	mg/L	1	26			57	120	91	120
Ammonia (Total, as N)	mg/L	0.05	26		0.5	<LOR	1.1	<LOR	0.38
Colour (Apparent)	PCU	5	107			<LOR	7	<LOR	<LOR
Colour (True)	PCU	5	114		15	<LOR	<LOR	<LOR	<LOR
Conductivity	uS/cm	1	118		950	280	1000	513	712
Dissolved Oxygen	mg/L	0.1	14			8.6	11	9.8	11
Temperature	deg C	0.1	116			14	28	22	27
Total Dissolved Solids	mg/L	1	33			170	560	318	534
Total Hardness	mg/L	7	26		200	65	170	116	158
Turbidity	NTU	0.1	114		5	<LOR	6	0.46	1.2
pH (Field)	pH Unit	0.1	118		6.5-8.5	6.7	7.9	7.2	7.7

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Chemistry (Anions)

Anions	Unit of Measure	LOR	Number of Tests	Health Limit	Aesthetic Limit	Minimum	Maximum	Average	95th Percentile
Chloride	mg/L	1	26		250	37	160	82	150
Chlorine (Free)	mg/L	0.1	116	5		<LOR	2.6	0.9	1.8
Chlorine (Combined)	mg/L	0.1	116			<LOR	1.5	0.42	0.89
Chlorine (Total)	mg/L	0.1	116			<LOR	3.1	1.3	2.2
Fluoride (as F)	mg/L	0.05	114	1.5		<LOR	1.4	0.82	1.1
Nitrate (as N)	mg/L	0.1	26	50		<LOR	0.66	0.16	0.55
Nitrite (as N)	mg/L	0.1	26	3		<LOR	<LOR	<LOR	<LOR

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Chemistry (Metals)

Metals	Unit of Measure	LOR	Number of Tests	Health Limit	Aesthetic Limit	Minimum	Maximum	Average	95th Percentile
Aluminium	mg/L	0.01	115		0.2	0.01	0.09	0.03	0.05
Barium	mg/L	0.01	27	2		<LOR	<LOR	<LOR	0.03
Cadmium	mg/L	0.002	25	0.002		<LOR	<LOR	<LOR	<LOR
Chromium	mg/L	0.01	27	0.05		<LOR	<LOR	<LOR	<LOR
Copper	mg/L	0.01	27	2		<LOR	1	<LOR	0.06
Iron	mg/L	0.01	115		0.3	<LOR	0.43	0.02	0.07
Lead	mg/L	0.01	27	0.01		<LOR	0.03	<LOR	<LOR
Manganese	mg/L	0.01	115	0.5	0.1	<LOR	0.01	<LOR	0.01
Nickel	mg/L	0.01	27	0.02		<LOR	<LOR	<LOR	0.01
Zinc	mg/L	0.01	27		3	<LOR	0.07	<LOR	0.03

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Chemistry (DBP)

Disinfection By-Products	Unit of Measure	LOR	Number of Tests	Health Limit	Aesthetic Limit	Minimum	Maximum	Average	95th Percentile
Trihalomethanes (Total)	ug/L		26	250		62	180	108	155

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Microbiology (Other)

Microbiology	Unit of Measure	LOR	Number of Tests	Health Limit	Aesthetic Limit	Minimum	Maximum	Average	95th Percentile
Heterotrophic Plate Count	cfu/mL	1	118			<LOR	202	10	39

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