

<b>Reporting Period:</b>	October 1, 2011 - September 30, 2012
<b>Water Scheme Name:</b>	Kooralbyn
<b>System Location:</b>	Scenic Rim Regional Council

### Microbiology

Escherichia Coli	Unit of Measure	LOR	Number of Tests	12 Monthly Rolling Compliance	Minimum	Maximum	Average
October	cfu/100mL	1	11	98.98	<LOR	<LOR	<LOR
November	cfu/100mL	1	7	98.98	<LOR	<LOR	<LOR
December	cfu/100mL	1	7	98.96	<LOR	<LOR	<LOR
January	cfu/100mL	1	9	98.98	<LOR	<LOR	<LOR
February	cfu/100mL	1	7	99	<LOR	<LOR	<LOR
March	cfu/100mL	1	7	99	<LOR	<LOR	<LOR
April	cfu/100mL	1	9	99.02	<LOR	<LOR	<LOR
May	cfu/100mL	1	7	99.02	<LOR	<LOR	<LOR
June	cfu/100mL	1	7	100	<LOR	<LOR	<LOR
July	cfu/100mL	1	8	100	<LOR	<LOR	<LOR
August	cfu/100mL	1	9	100	<LOR	<LOR	<LOR
September	cfu/100mL	1	5	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			89	160	119	150
Ammonia (Total, as N)	mg/L	0.05	26		0.5	<LOR	1.2	0.1	0.78
Colour (Apparent)	PCU	5	86			<LOR	<LOR	<LOR	<LOR
Colour (True)	PCU	5	91		15	<LOR	<LOR	<LOR	<LOR
Conductivity	uS/cm	1	93		950	300	630	468	610
Dissolved Oxygen	mg/L	0.1	14			7.5	10	9.4	10
Temperature	deg C	0.1	91			13	29	21	27
Total Dissolved Solids	mg/L	1	31			100	430	283	380
Total Hardness	mg/L	7	26		200	89	190	135	188
Turbidity	NTU	0.1	91		5	0.12	1.2	0.32	0.53
pH (Field)	pH Unit	0.1	93		6.5-8.5	7.2	8.3	7.9	8.2

LOR = Limit of reporting

**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	46	110	74	100
Chlorine (Free)	mg/L	0.1	93	5		<LOR	3.4	1.2	2.1
Chlorine (Combined)	mg/L	0.1	93			<LOR	1.4	0.39	0.9
Chlorine (Total)	mg/L	0.1	93			0.16	3.5	1.6	2.7
Fluoride (as F)	mg/L	0.05	90	1.5		0.58	1.4	0.85	1.1
Nitrate (as N)	mg/L	0.1	26	50		<LOR	0.31	0.11	0.18
Nitrite (as N)	mg/L	0.1	26	3		<LOR	<LOR	<LOR	<LOR

LOR = Limit of reporting

**Chemistry (Metals)**

Metals	Unit of Measure	LOR	Number of Tests	Health Limit	Aesthetic Limit	Minimum	Maximum	Average	95th Percentile
Aluminium	mg/L	0.01	92		0.2	<LOR	0.11	0.02	0.02
Barium	mg/L	0.01	27	2		<LOR	0.06	<LOR	0.04
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	0.03	<LOR	0.02
Iron	mg/L	0.01	92		0.3	<LOR	0.37	0.02	0.05
Lead	mg/L	0.01	27	0.01		<LOR	<LOR	<LOR	<LOR
Manganese	mg/L	0.01	92	0.5	0.1	<LOR	<LOR	<LOR	<LOR
Nickel	mg/L	0.01	27	0.02		<LOR	<LOR	<LOR	<LOR
Zinc	mg/L	0.01	27		3	<LOR	0.07	<LOR	0.03

LOR = Limit of reporting

**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	8	26	250		51	230	142	218

LOR = Limit of reporting

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	93			<LOR	202	17	66

LOR = Limit of reporting