

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

Microbiology

	Unit of		Number	12 Monthly Rolling			
Escherichia Coli	Measure	LOR	of Tests	Compliance	Minimum	Maximum	Average
October	cfu/100mL	1	11	98.98	<lor< td=""><td><lor< td=""><td><lor< td=""></lor<></td></lor<></td></lor<>	<lor< td=""><td><lor< td=""></lor<></td></lor<>	<lor< td=""></lor<>
November	cfu/100mL	1	7	98.98	<lor< td=""><td><lor< td=""><td><lor< td=""></lor<></td></lor<></td></lor<>	<lor< td=""><td><lor< td=""></lor<></td></lor<>	<lor< td=""></lor<>
December	cfu/100mL	1	7	98.96	<lor< td=""><td><lor< td=""><td><lor< td=""></lor<></td></lor<></td></lor<>	<lor< td=""><td><lor< td=""></lor<></td></lor<>	<lor< td=""></lor<>
January	cfu/100mL	1	9	98.98	<lor< td=""><td><lor< td=""><td><lor< td=""></lor<></td></lor<></td></lor<>	<lor< td=""><td><lor< td=""></lor<></td></lor<>	<lor< td=""></lor<>
February	cfu/100mL	1	7	99	<lor< td=""><td><lor< td=""><td><lor< td=""></lor<></td></lor<></td></lor<>	<lor< td=""><td><lor< td=""></lor<></td></lor<>	<lor< td=""></lor<>
March	cfu/100mL	1	7	99	<lor< td=""><td><lor< td=""><td><lor< td=""></lor<></td></lor<></td></lor<>	<lor< td=""><td><lor< td=""></lor<></td></lor<>	<lor< td=""></lor<>
April	cfu/100mL	1	9	99.02	<lor< td=""><td><lor< td=""><td><lor< td=""></lor<></td></lor<></td></lor<>	<lor< td=""><td><lor< td=""></lor<></td></lor<>	<lor< td=""></lor<>
Мау	cfu/100mL	1	7	99.02	<lor< td=""><td><lor< td=""><td><lor< td=""></lor<></td></lor<></td></lor<>	<lor< td=""><td><lor< td=""></lor<></td></lor<>	<lor< td=""></lor<>
June	cfu/100mL	1	7	100	<lor< td=""><td><lor< td=""><td><lor< td=""></lor<></td></lor<></td></lor<>	<lor< td=""><td><lor< td=""></lor<></td></lor<>	<lor< td=""></lor<>
July	cfu/100mL	1	8	100	<lor< td=""><td><lor< td=""><td><lor< td=""></lor<></td></lor<></td></lor<>	<lor< td=""><td><lor< td=""></lor<></td></lor<>	<lor< td=""></lor<>
August	cfu/100mL	1	9	100	<lor< td=""><td><lor< td=""><td><lor< td=""></lor<></td></lor<></td></lor<>	<lor< td=""><td><lor< td=""></lor<></td></lor<>	<lor< td=""></lor<>
September	cfu/100mL	1	5	100	<lor< td=""><td><lor< td=""><td><lor< td=""></lor<></td></lor<></td></lor<>	<lor< td=""><td><lor< td=""></lor<></td></lor<>	<lor< td=""></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< td=""><td>1.2</td><td>0.1</td><td>0.78</td></lor<>	1.2	0.1	0.78
Colour (Apparent)	PCU	5	86			<lor< td=""><td><lor< td=""><td><lor< td=""><td><lor< td=""></lor<></td></lor<></td></lor<></td></lor<>	<lor< td=""><td><lor< td=""><td><lor< td=""></lor<></td></lor<></td></lor<>	<lor< td=""><td><lor< td=""></lor<></td></lor<>	<lor< td=""></lor<>
Colour (True)	PCU	5	91		15	<lor< td=""><td><lor< td=""><td><lor< td=""><td><lor< td=""></lor<></td></lor<></td></lor<></td></lor<>	<lor< td=""><td><lor< td=""><td><lor< td=""></lor<></td></lor<></td></lor<>	<lor< td=""><td><lor< td=""></lor<></td></lor<>	<lor< td=""></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)

leasure	LOR	of Tests	Health Limit	Aesthetic Limit	Minimum	Maximum	Average	95th Percentile
mg/L	1	26		250	46	110	74	100
mg/L	0.1	93	5		<lor< td=""><td>3.4</td><td>1.2</td><td>2.1</td></lor<>	3.4	1.2	2.1
mg/L	0.1	93			<lor< td=""><td>1.4</td><td>0.39</td><td>0.9</td></lor<>	1.4	0.39	0.9
mg/L	0.1	93			0.16	3.5	1.6	2.7
mg/L	0.05	90	1.5		0.58	1.4	0.85	1.1
mg/L	0.1	26	50		<lor< td=""><td>0.31</td><td>0.11</td><td>0.18</td></lor<>	0.31	0.11	0.18
mg/L	0.1	26	3		<lor< td=""><td><lor< td=""><td><lor< td=""><td><lor< td=""></lor<></td></lor<></td></lor<></td></lor<>	<lor< td=""><td><lor< td=""><td><lor< td=""></lor<></td></lor<></td></lor<>	<lor< td=""><td><lor< td=""></lor<></td></lor<>	<lor< td=""></lor<>
	mg/L mg/L mg/L mg/L mg/L	mg/L 0.1 mg/L 0.1 mg/L 0.1 mg/L 0.1 mg/L 0.05 mg/L 0.1	mg/L 0.1 93 mg/L 0.05 90 mg/L 0.1 26	mg/L 0.1 93 5 mg/L 0.1 93 5 mg/L 0.1 93 93 mg/L 0.1 93 1.5 mg/L 0.1 26 50	mg/L 0.1 93 5 mg/L 0.1 93 mg/L 0.1 93 mg/L 0.1 93 mg/L 0.1 93 mg/L 0.1 20 mg/L 0.05 90 1.5 mg/L 0.1 26 50	mg/L 0.1 93 5 <lor< th=""> mg/L 0.1 93 <lor< td=""> mg/L 0.1 93 <lor< td=""> mg/L 0.1 93 0.16 mg/L 0.05 90 1.5 0.58 mg/L 0.1 26 50 <lor< td=""></lor<></lor<></lor<></lor<>	mg/L 0.1 93 5 <lor< th=""> 3.4 mg/L 0.1 93 <lor< td=""> 1.4 mg/L 0.1 93 0.16 3.5 mg/L 0.05 90 1.5 0.58 1.4 mg/L 0.1 26 50 <lor< td=""> 0.31</lor<></lor<></lor<>	mg/L 0.1 93 5 <lor< th=""> 3.4 1.2 mg/L 0.1 93 <lor< td=""> 1.4 0.39 mg/L 0.1 93 0.16 3.5 1.6 mg/L 0.05 90 1.5 0.58 1.4 0.85 mg/L 0.1 26 50 <lor< td=""> 0.31 0.11</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< th=""><th>0.11</th><th>0.02</th><th>0.02</th></lor<>	0.11	0.02	0.02
Barium	mg/L	0.01	27	2	012	<lor< td=""><td>0.06</td><td><lor< td=""><td>0.04</td></lor<></td></lor<>	0.06	<lor< td=""><td>0.04</td></lor<>	0.04
Cadmium	mg/L	0.002	25	0.002		<lor< td=""><td><lor< td=""><td><lor< td=""><td><lor< td=""></lor<></td></lor<></td></lor<></td></lor<>	<lor< td=""><td><lor< td=""><td><lor< td=""></lor<></td></lor<></td></lor<>	<lor< td=""><td><lor< td=""></lor<></td></lor<>	<lor< td=""></lor<>
Chromium	mg/L	0.01	27	0.05		<lor< td=""><td><lor< td=""><td><lor< td=""><td><lor< td=""></lor<></td></lor<></td></lor<></td></lor<>	<lor< td=""><td><lor< td=""><td><lor< td=""></lor<></td></lor<></td></lor<>	<lor< td=""><td><lor< td=""></lor<></td></lor<>	<lor< td=""></lor<>
Copper	mg/L	0.01	27	2		<lor< td=""><td>0.03</td><td><lor< td=""><td>0.02</td></lor<></td></lor<>	0.03	<lor< td=""><td>0.02</td></lor<>	0.02
Iron	mg/L	0.01	92		0.3	<lor< td=""><td>0.37</td><td>0.02</td><td>0.05</td></lor<>	0.37	0.02	0.05
Lead	mg/L	0.01	27	0.01		<lor< td=""><td><lor< td=""><td><lor< td=""><td><lor< td=""></lor<></td></lor<></td></lor<></td></lor<>	<lor< td=""><td><lor< td=""><td><lor< td=""></lor<></td></lor<></td></lor<>	<lor< td=""><td><lor< td=""></lor<></td></lor<>	<lor< td=""></lor<>
Manganese	mg/L	0.01	92	0.5	0.1	<lor< td=""><td><lor< td=""><td><lor< td=""><td><lor< td=""></lor<></td></lor<></td></lor<></td></lor<>	<lor< td=""><td><lor< td=""><td><lor< td=""></lor<></td></lor<></td></lor<>	<lor< td=""><td><lor< td=""></lor<></td></lor<>	<lor< td=""></lor<>
Nickel	mg/L	0.01	27	0.02		<lor< td=""><td><lor< td=""><td><lor< td=""><td><lor< td=""></lor<></td></lor<></td></lor<></td></lor<>	<lor< td=""><td><lor< td=""><td><lor< td=""></lor<></td></lor<></td></lor<>	<lor< td=""><td><lor< td=""></lor<></td></lor<>	<lor< td=""></lor<>
Zinc	mg/L	0.01	27		3	<lor< td=""><td>0.07</td><td><lor< td=""><td>0.03</td></lor<></td></lor<>	0.07	<lor< td=""><td>0.03</td></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< td=""><td>202</td><td>17</td><td>66</td></lor<>	202	17	66

LOR = Limit of reporting