DRINKING WATER QUALITY REPORT

Reporting Period:	October 1, 2011 - September 30, 2012
Water Scheme Name:	Canungra
System Location:	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	9	100	<LOR	<LOR	<LOR
November	cfu/100mL	1	7	100	<LOR	<LOR	<LOR
December	cfu/100mL	1	6	100	<LOR	<LOR	<LOR
January	cfu/100mL	1	9	100	<LOR	<LOR	<LOR
February	cfu/100mL	1	7	100	<LOR	<LOR	<LOR
March	cfu/100mL	1	7	100	<LOR	<LOR	<LOR
April	cfu/100mL	1	9	100	<LOR	<LOR	<LOR
May	cfu/100mL	1	6	100	<LOR	<LOR	<LOR
June	cfu/100mL	1	7	100	<LOR	<LOR	<LOR
July	cfu/100mL	1	9	100	<LOR	<LOR	<LOR
August	cfu/100mL	1	8	100	<LOR	<LOR	<LOR
September	cfu/100mL	1	6	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	13			37	99	75	97
Ammonia (Total, as N)	mg/L	0.05	13		0.5	<LOR	1.9	0.16	0.8
Colour (Apparent)	PCU	5	83			<LOR	<LOR	<LOR	<LOR
Colour (True)	PCU	5	89		15	<LOR	<LOR	<LOR	<LOR
Conductivity	uS/cm	1	90		950	120	300	230	290
Dissolved Oxygen	mg/L	0.1	7			9	11	9.9	11
Temperature	deg C	0.1	89			<LOR	30	20	27
Total Dissolved Solids	mg/L	1	19			57	280	170	262
Total Hardness	mg/L	7	13		200	<LOR	89	69	87
Turbidity	NTU	0.1	89		5	0.13	1	0.3	0.59
pH (Field)	pH Unit	0.1	90		6.5-8.5	5.9	8	7.4	7.9

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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	13		250	14	36	28	35
Chlorine (Free)	mg/L	0.1	90	5		<LOR	2.4	1.2	2
Chlorine (Combined)	mg/L	0.1	90			<LOR	1.5	0.45	1.2
Chlorine (Total)	mg/L	0.1	90			0.52	2.7	1.6	2.2
Fluoride (as F)	mg/L	0.05	89	1.5		<LOR	1.4	0.86	1.2
Nitrate (as N)	mg/L	0.1	13	50		<LOR	<LOR	<LOR	0.1
Nitrite (as N)	mg/L	0.1	13	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	89		0.2	<LOR	0.03	0.01	0.02
Barium	mg/L	0.01	13	2		<LOR	<LOR	<LOR	<LOR
Cadmium	mg/L	0.002	12	0.002		<LOR	<LOR	<LOR	<LOR
Chromium	mg/L	0.01	13	0.05		<LOR	<LOR	<LOR	<LOR
Copper	mg/L	0.01	13	2		<LOR	0.02	<LOR	0.02
Iron	mg/L	0.01	89		0.3	<LOR	0.04	0.01	0.02
Lead	mg/L	0.01	13	0.01		<LOR	<LOR	<LOR	<LOR
Manganese	mg/L	0.01	89	0.5	0.1	<LOR	<LOR	<LOR	<LOR
Nickel	mg/L	0.01	13	0.02		<LOR	<LOR	<LOR	<LOR
Zinc	mg/L	0.01	13		3	<LOR	0.05	<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		13	250		15	110	49	90

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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	90			<LOR	240	20	178

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