

Reporting Period:	October 1, 2011 - September 30, 2012
Water Scheme Name:	SEQ Water Grid - IPSWICH
System Location:	Ipswich City Council, 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	72	99.3	<LOR	<LOR	<LOR
November	cfu/100mL	1	50	99.3	<LOR	<LOR	<LOR
December	cfu/100mL	1	46	99.28	<LOR	<LOR	<LOR
January	cfu/100mL	1	62	99.44	<LOR	1	<LOR
February	cfu/100mL	1	68	99.73	<LOR	<LOR	<LOR
March	cfu/100mL	1	50	99.73	<LOR	<LOR	<LOR
April	cfu/100mL	1	63	99.73	<LOR	<LOR	<LOR
May	cfu/100mL	1	50	99.73	<LOR	1	<LOR
June	cfu/100mL	1	49	99.72	<LOR	<LOR	<LOR
July	cfu/100mL	1	62	99.73	<LOR	<LOR	<LOR
August	cfu/100mL	1	50	99.73	<LOR	<LOR	<LOR
September	cfu/100mL	1	48	99.72	<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	Alkalinity	1	143			49	120	86	110
Ammonia (Total, as N)	Ammonia (Total, as N)	0.05	143		0.5	<LOR	2.2	0.27	1.3
Colour (Apparent)	Colour (Apparent)	5	558			<LOR	<LOR	<LOR	<LOR
Colour (True)	Colour (True)	5	596		15	<LOR	<LOR	<LOR	<LOR
Conductivity	Conductivity	1	659		950	50	870	432	621
Dissolved Oxygen	Dissolved Oxygen	0.1	138			4.9	9.8	13	9.1
Temperature	Temperature	0.1	640			8.1	35	22	28
Total Dissolved Solids	Total Dissolved Salts	1	181			95	480	279	420
Total Hardness	Total Hardness	7	143		200	46	160	117	150
Turbidity	Turbidity	0.1	596		5	0.14	5.3	0.45	0.89
pH (Field)	pH	0.1	653		6.5-8.5	6.6	8.5	7.7	8.3

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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	143		250	19	140	69	110
Chlorine (Free)	mg/L	0.1	667			<LOR	2	0.14	0.62
Chlorine (Combined)	mg/L	0.1	666	NL		<LOR	3.8	0.42	2
Chlorine (Total)	mg/L	0.1	667	4.1		<LOR	3.9	0.53	2.2
Fluoride (as F)	mg/L	0.05	602	1.5		<LOR	1.4	0.82	1.1
Nitrate (as N)	mg/L	0.1	143	50		<LOR	0.93	0.41	0.81
Nitrite (as N)	mg/L	0.1	143	3		<LOR	0.42	<LOR	0.31

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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	603		0.2	<LOR	1.1	0.03	0.05
Barium	mg/L	0.01	147	2		<LOR	<LOR	<LOR	0.03
Cadmium	mg/L	0.002	135	0.002		<LOR	<LOR	<LOR	<LOR
Chromium	mg/L	0.01	147	0.05		<LOR	<LOR	<LOR	0.01
Copper	mg/L	0.01	147	2		<LOR	0.53	<LOR	0.13
Iron	mg/L	0.01	603		0.3	<LOR	2.3	0.03	0.1
Lead	mg/L	0.01	147	0.01		<LOR	0.12	<LOR	<LOR
Manganese	mg/L	0.01	603	0.5	0.1	<LOR	0.8	0.01	0.02
Nickel	mg/L	0.01	147	0.02		<LOR	<LOR	<LOR	0.01
Zinc	mg/L	0.01	147		3	<LOR	0.19	<LOR	0.04

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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		143	250		23	140	71	100

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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	652			<LOR	11400	61	200

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