

CCR Data Report

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Long Term Performance

PERIOD: 2024-03

YTD Range Start:	2023-04-01	Approved:	Yes
YTD Range End:	2024-03-31	Approved by:	JHANSSON
Report Period Start:	2024-03-01	Approved on:	22-Apr-2024 11:46
Report Period End:	2024-03-31	Transferred:	No

ZONE: BRISBANE
Brisbane

Type	Group	Parameter	Unit	Criteria	Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Health Parameters	Chemical	Fluoride	mg/L	<= 1.5	412	<0.05	0.67	0.88	412	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	414	<0.1	<0.1	1.8	414	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	414	1.9	3.4	4.4	414	0
	Disinfection by product	Bromate	mg/L	<= 0.02	0				0	0
		Chlorate	mg/L	<= 0.8	120	<0.005	0.059	0.190	120	0
		NDMA	µg/L	<= 0.1	20	<0.003	<0.003	<0.003	20	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Health Parameters	Haloacetic acid	Chloroacetic acid	µg/L	<= 150	32	<1.0	2.6	7.0	32	0
		Dichloroacetic acid	µg/L	<= 100	32	6.0	11.5	32.0	32	0
		Trichloroacetic acid	µg/L	<= 100	32	6.0	11.3	30.0	32	0
	Metals	Arsenic	mg/L	<= 0.01	23	<0.0005	<0.0005	0.0005	23	0
		Boron	mg/L	<= 4	23	<0.03	<0.03	0.04	23	0
		Cadmium	mg/L	<= 0.002	95	<0.0001	<0.0001	<0.0001	95	0
		Chromium	mg/L	<= 0.05	95	<0.001	<0.001	<0.001	95	0
		Copper	mg/L	<= 2	95	<0.001	<0.001	0.016	95	0
		Lead	mg/L	<= 0.01	95	<0.001	<0.001	<0.001	95	0
		Manganese	mg/L	<= 0.5	335	<0.001	0.007	0.054	335	0
		Mercury	mg/L	<= 0.001	0				0	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Health Parameters	Metals	Nickel	mg/L	<= 0.02	95	<0.001	<0.001	0.011	95	0
		Selenium	mg/L	<= 0.01	23	<0.002	<0.002	<0.002	23	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	414	<1.0	<1.0	<1.0	414	0
	Nutrients	Nitrate	mg/L	<= 50	72	<0.002	0.042	0.250	72	0
		Nitrite	mg/L	<= 3	72	<0.002	0.008	0.055	72	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	95	33.0	78.9	140.0	95	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	95	20.0	63.6	120.0	95	0
		Hardness	mg/L	<= 200	135	39.0	128.5	170.0	135	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	95	18.0	40.1	77.0	95	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	95	<0.3	40.7	120.0	95	0
	Metals	Aluminium	mg/L	N/A	95	0.013	0.044	0.160	N/A	N/A
		Copper	mg/L	<= 1	95	<0.001	<0.001	0.016	95	0
		Iron	mg/L	<= 0.3	335	<0.01	<0.01	0.03	335	0
		Manganese	mg/L	<= 0.1	335	<0.001	0.007	0.054	335	0
		Zinc	mg/L	<= 3	95	<0.005	<0.005	0.027	95	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	414	7.5	7.8	8.2	414	0
		Total Dissolved Solids	mg/L	<= 600	95	110.0	261.8	440.0	95	0
		True Colour	HU	<= 15	335	<1.0	<1.0	13.0	335	0
		Turbidity	NTU	<= 5	335	<0.1	0.3	1.0	335	0
ier Parameter	Major Cations and Anions	Calcium	mg/L	N/A	0				N/A	N/A

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Other Parameters	Major Cations and Anions	Magnesium	mg/L	N/A	0				N/A	N/A
		Potassium	mg/L	N/A	95	1.0	3.0	6.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	72	48.0	88.3	120.0	N/A	N/A
		Conductivity	µS/cm	N/A	23	450.0	504.3	720.0	N/A	N/A
		Conductivity - Field	µS/cm	N/A	414	206.0	479.6	738.0	N/A	N/A
		Temperature - Field	°C	N/A	414	15.6	23.7	30.8	N/A	N/A
	Taste and Odour	2-Methylisoborneol	ng/L	N/A	46	<2.0	2.5	6.2	N/A	N/A
		Geosmin	ng/L	N/A	46	<2.0	2.5	5.3	N/A	N/A

ZONE: GOLD_COAST

Gold Coast

Type	Group	Parameter	Unit	Criteria	Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Health Parameters	Chemical	Fluoride	mg/L	<= 1.5	311	<0.05	0.74	0.87	311	0
		Fluoride IC	mg/L	<= 1.5	52	0.40	0.76	0.88	52	0
		Free Chlorine - Field	mg/L	<= 5	314	1.0	1.8	2.7	314	0
		Free Chlorine External	mg/L	<= 5	53	0.91	1.22	1.54	53	0
		Total Chlorine - Field	mg/L	<= 5	314	0.8	1.9	2.9	314	0
	Disinfection by product	Bromate	mg/L	<= 0.02	12	<0.005	<0.005	0.007	12	0
		Chlorate	mg/L	<= 0.8	71	0.024	0.093	0.300	71	0
		NDMA	µg/L	<= 0.1	8	<0.003	<0.003	<0.003	8	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Health Parameters	Haloacetic acid	Chloroacetic acid	µg/L	<= 150	26	<1.0	1.2	7.0	26	0
		Dichloroacetic acid	µg/L	<= 100	26	<1.0	9.5	21.0	26	0
		Trichloroacetic acid	µg/L	<= 100	26	<1.0	13.7	30.0	26	0
	Metals	Arsenic	mg/L	<= 0.01	36	<0.0005	<0.0005	<0.0005	36	0
		Boron	mg/L	<= 4	140	<0.03	0.44	1.30	140	0
		Cadmium	mg/L	<= 0.002	84	<0.0001	<0.0001	<0.0001	84	0
		Chromium	mg/L	<= 0.05	84	<0.001	<0.001	0.002	84	0
		Copper	mg/L	<= 2	124	<0.001	<0.001	0.001	124	0
		Lead	mg/L	<= 0.01	84	<0.001	<0.001	<0.001	84	0
		Manganese	mg/L	<= 0.5	242	<0.001	<0.001	0.012	242	0
		Mercury	mg/L	<= 0.001	12	<0.0001	<0.0001	<0.0001	12	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Health Parameters	Metals	Nickel	mg/L	<= 0.02	83	<0.001	<0.001	<0.001	83	0
		Selenium	mg/L	<= 0.01	28	<0.002	<0.002	<0.002	28	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	361	<1.0	<1.0	<1.0	361	0
	Nutrients	Nitrate	mg/L	<= 50	0				0	0
		Nitrite	mg/L	<= 3	0				0	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	84	<1.0	34.3	92.0	84	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	154	12.0	18.4	41.0	154	0
		Hardness	mg/L	<= 200	164	<1.0	43.1	56.0	164	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	164	<1.0	16.0	29.0	164	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	112	<0.3	12.7	58.0	112	0
	Metals	Aluminium	mg/L	N/A	84	<0.005	0.014	0.088	N/A	N/A
		Copper	mg/L	<= 1	124	<0.001	<0.001	0.001	124	0
		Iron	mg/L	<= 0.3	242	<0.01	<0.01	0.06	242	0
		Manganese	mg/L	<= 0.1	242	<0.001	<0.001	0.012	242	0
		Zinc	mg/L	<= 3	84	<0.005	<0.005	0.082	84	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	314	6.9	7.2	7.7	314	0
		Total Dissolved Solids	mg/L	<= 600	72	33.0	105.4	170.0	72	0
		True Colour	HU	<= 15	282	<1.0	<1.0	5.0	282	0
		Turbidity	NTU	<= 5	283	<0.1	0.2	1.0	283	0
ier Parameter	Major Cations and Anions	Calcium	mg/L	N/A	0				N/A	N/A

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Other Parameters	Major Cations and Anions	Magnesium	mg/L	N/A	0				N/A	N/A
		Potassium	mg/L	N/A	164	<1.0	<1.0	2.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	48	31.0	45.4	61.0	N/A	N/A
		Conductivity	µS/cm	N/A	24	160.0	172.5	190.0	N/A	N/A
		Conductivity - Field	µS/cm	N/A	314	139.0	170.3	367.0	N/A	N/A
		Temperature - Field	°C	N/A	314	12.8	21.8	27.9	N/A	N/A
	Taste and Odour	2-Methylisoborneol	ng/L	N/A	48	<2.0	<2.0	13.1	N/A	N/A
		Geosmin	ng/L	N/A	48	<2.0	<2.0	7.0	N/A	N/A

ZONE: LOGAN

Logan

Type	Group	Parameter	Unit	Criteria	Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Health Parameters	Chemical	Fluoride	mg/L	<= 1.5	256	0.05	0.69	0.85	256	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	360	<0.1	<0.1	0.8	360	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	360	0.1	2.3	4.7	360	0
	Disinfection by product	Bromate	mg/L	<= 0.02	0				0	0
		Chlorate	mg/L	<= 0.8	96	<0.005	0.125	0.440	96	0
		NDMA	µg/L	<= 0.1	14	<0.003	<0.003	<0.003	14	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Health Parameters	Haloacetic acid	Chloroacetic acid	µg/L	<= 150	28	<1.0	1.8	7.0	28	0
		Dichloroacetic acid	µg/L	<= 100	28	<1.0	12.1	29.0	28	0
		Trichloroacetic acid	µg/L	<= 100	28	5.0	14.0	33.0	28	0
	Metals	Arsenic	mg/L	<= 0.01	0				0	0
		Boron	mg/L	<= 4	0				0	0
		Cadmium	mg/L	<= 0.002	59	<0.0001	<0.0001	<0.0001	59	0
		Chromium	mg/L	<= 0.05	59	<0.001	<0.001	<0.001	59	0
		Copper	mg/L	<= 2	59	<0.001	<0.001	0.001	59	0
		Lead	mg/L	<= 0.01	59	<0.001	<0.001	<0.001	59	0
		Manganese	mg/L	<= 0.5	280	<0.001	0.005	0.049	280	0
		Mercury	mg/L	<= 0.001	0				0	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Health Parameters	Metals	Nickel	mg/L	<= 0.02	59	<0.001	<0.001	0.001	59	0
		Selenium	mg/L	<= 0.01	0				0	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	360	<1.0	<1.0	<1.0	360	0
	Nutrients	Nitrate	mg/L	<= 50	120	<0.002	0.109	0.530	120	0
		Nitrite	mg/L	<= 3	120	<0.002	0.043	0.340	120	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	83	28.0	76.5	140.0	83	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	59	16.0	48.6	92.0	59	0
		Hardness	mg/L	<= 200	59	38.0	97.4	160.0	59	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	59	15.0	33.5	77.0	59	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	59	4.8	33.0	120.0	59	0
	Metals	Aluminium	mg/L	N/A	83	0.008	0.035	0.075	N/A	N/A
		Copper	mg/L	<= 1	59	<0.001	<0.001	0.001	59	0
		Iron	mg/L	<= 0.3	280	<0.01	<0.01	0.04	280	0
		Manganese	mg/L	<= 0.1	280	<0.001	0.005	0.049	280	0
		Zinc	mg/L	<= 3	59	<0.005	<0.005	0.030	59	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	360	7.1	7.7	8.2	360	0
		Total Dissolved Solids	mg/L	<= 600	59	48.0	209.9	350.0	59	0
		True Colour	HU	<= 15	256	<1.0	<1.0	1.0	256	0
		Turbidity	NTU	<= 5	280	<0.1	0.3	1.0	280	0
ier Parameter	Major Cations and Anions	Calcium	mg/L	N/A	0				N/A	N/A

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Other Parameters	Major Cations and Anions	Magnesium	mg/L	N/A	0				N/A	N/A
		Potassium	mg/L	N/A	59	<1.0	2.4	5.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	59	35.0	73.4	110.0	N/A	N/A
		Conductivity	µS/cm	N/A	0				N/A	N/A
		Conductivity - Field	µS/cm	N/A	360	158.0	421.7	731.0	N/A	N/A
		Temperature - Field	°C	N/A	360	2.3	23.3	30.8	N/A	N/A
	Taste and Odour	2-Methylisoborneol	ng/L	N/A	0				N/A	N/A
		Geosmin	ng/L	N/A	0				N/A	N/A

ZONE: MORETON

Moreton

Type	Group	Parameter	Unit	Criteria	Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Health Parameters	Chemical	Fluoride	mg/L	<= 1.5	201	<0.05	0.73	0.92	201	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	251	<0.1	0.3	1.6	251	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	251	0.8	2.8	4.1	251	0
	Disinfection by product	Bromate	mg/L	<= 0.02	0				0	0
		Chlorate	mg/L	<= 0.8	19	0.014	0.095	0.190	19	0
		NDMA	µg/L	<= 0.1	10	<0.003	<0.003	<0.003	10	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Health Parameters	Haloacetic acid	Chloroacetic acid	µg/L	<= 150	19	<1.0	2.1	6.0	19	0
		Dichloroacetic acid	µg/L	<= 100	19	<1.0	9.2	16.0	19	0
		Trichloroacetic acid	µg/L	<= 100	19	<1.0	8.8	31.0	19	0
	Metals	Arsenic	mg/L	<= 0.01	22	<0.0005	<0.0005	0.0012	22	0
		Boron	mg/L	<= 4	22	<0.03	<0.03	0.05	22	0
		Cadmium	mg/L	<= 0.002	34	<0.0001	<0.0001	<0.0001	34	0
		Chromium	mg/L	<= 0.05	34	<0.001	<0.001	<0.001	34	0
		Copper	mg/L	<= 2	46	<0.001	<0.001	0.001	46	0
		Lead	mg/L	<= 0.01	46	<0.001	<0.001	<0.001	46	0
		Manganese	mg/L	<= 0.5	137	<0.001	0.006	0.084	137	0
		Mercury	mg/L	<= 0.001	11	<0.0001	<0.0001	<0.0001	11	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Health Parameters	Metals	Nickel	mg/L	<= 0.02	34	<0.001	<0.001	<0.001	34	0
		Selenium	mg/L	<= 0.01	22	<0.002	<0.002	<0.002	22	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	252	<1.0	<1.0	<1.0	252	0
	Nutrients	Nitrate	mg/L	<= 50	36	<0.002	0.064	0.420	36	0
		Nitrite	mg/L	<= 3	36	<0.002	0.008	0.047	36	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	58	7.0	43.9	97.0	58	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	34	18.0	27.0	43.0	34	0
		Hardness	mg/L	<= 200	46	40.0	58.3	83.0	46	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	46	11.0	22.6	34.0	46	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	34	<0.3	19.6	44.0	34	0
	Metals	Aluminium	mg/L	N/A	58	<0.005	0.022	0.100	N/A	N/A
		Copper	mg/L	<= 1	46	<0.001	<0.001	0.001	46	0
		Iron	mg/L	<= 0.3	137	<0.01	0.01	0.29	137	0
		Manganese	mg/L	<= 0.1	137	<0.001	0.006	0.084	137	0
		Zinc	mg/L	<= 3	34	<0.005	<0.005	0.016	34	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	251	6.8	7.6	8.2	251	0
		Total Dissolved Solids	mg/L	<= 600	46	58.0	143.6	200.0	46	0
		True Colour	HU	<= 15	125	<1.0	<1.0	3.0	125	0
		Turbidity	NTU	<= 5	137	<0.1	0.5	6.8	136	1
ier Paramet	Major Cations and Anions	Calcium	mg/L	N/A	0				N/A	N/A

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Other Parameters	Major Cations and Anions	Magnesium	mg/L	N/A	0				N/A	N/A
		Potassium	mg/L	N/A	46	1.0	1.6	2.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	24	34.0	46.0	58.0	N/A	N/A
		Conductivity	µS/cm	N/A	22	220.0	266.8	320.0	N/A	N/A
		Conductivity - Field	µS/cm	N/A	251	154.0	265.8	710.0	N/A	N/A
		Temperature - Field	°C	N/A	251	15.5	22.7	30.5	N/A	N/A
	Taste and Odour	2-Methylisoborneol	ng/L	N/A	36	<2.0	2.7	10.1	N/A	N/A
		Geosmin	ng/L	N/A	36	<2.0	<2.0	3.2	N/A	N/A

ZONE: REDLAND

Redland

Type	Group	Parameter	Unit	Criteria	Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Health Parameters	Chemical	Fluoride	mg/L	<= 1.5	525	<0.05	0.76	0.94	525	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	520	0.6	1.4	3.5	520	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	520	0.6	1.6	3.6	520	0
	Disinfection by product	Bromate	mg/L	<= 0.02	0				0	0
		Chlorate	mg/L	<= 0.8	20	<0.005	<0.005	0.009	20	0
		NDMA	µg/L	<= 0.1	10	<0.003	<0.003	<0.003	10	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Health Parameters	Haloacetic acid	Chloroacetic acid	µg/L	<= 150	136	<1.0	2.3	9.0	136	0
		Dichloroacetic acid	µg/L	<= 100	136	<1.0	11.3	47.0	136	0
		Trichloroacetic acid	µg/L	<= 100	136	<1.0	9.4	52.0	136	0
	Metals	Arsenic	mg/L	<= 0.01	60	<0.0005	<0.0005	0.0007	60	0
		Boron	mg/L	<= 4	60	<0.03	<0.03	0.04	60	0
		Cadmium	mg/L	<= 0.002	120	<0.0001	<0.0001	<0.0001	120	0
		Chromium	mg/L	<= 0.05	120	<0.001	<0.001	0.001	120	0
		Copper	mg/L	<= 2	120	<0.001	0.002	0.018	120	0
		Lead	mg/L	<= 0.01	120	<0.001	<0.001	<0.001	120	0
		Manganese	mg/L	<= 0.5	320	<0.001	0.005	0.040	320	0
		Mercury	mg/L	<= 0.001	24	<0.0001	<0.0001	<0.0001	24	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Health Parameters	Metals	Nickel	mg/L	<= 0.02	120	<0.001	<0.001	<0.001	120	0
		Selenium	mg/L	<= 0.01	60	<0.002	<0.002	<0.002	60	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	520	<1.0	<1.0	<1.0	520	0
	Nutrients	Nitrate	mg/L	<= 50	0				0	0
		Nitrite	mg/L	<= 3	0				0	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	160	<1.0	58.8	200.0	160	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	120	21.0	42.1	64.0	120	0
		Hardness	mg/L	<= 200	120	22.0	73.7	150.0	120	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	120	11.0	24.0	46.0	120	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	120	1.5	21.3	110.0	120	0
	Metals	Aluminium	mg/L	N/A	120	<0.005	0.039	0.260	N/A	N/A
		Copper	mg/L	<= 1	120	<0.001	0.002	0.018	120	0
		Iron	mg/L	<= 0.3	320	<0.01	0.01	0.17	320	0
		Manganese	mg/L	<= 0.1	320	<0.001	0.005	0.040	320	0
		Zinc	mg/L	<= 3	120	<0.005	<0.005	0.035	120	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	520	6.6	7.2	7.8	520	0
		Total Dissolved Solids	mg/L	<= 600	120	54.0	166.1	340.0	120	0
		True Colour	HU	<= 15	320	<1.0	<1.0	1.0	320	0
		Turbidity	NTU	<= 5	320	<0.1	0.4	4.5	320	0
ier Parameter	Major Cations and Anions	Calcium	mg/L	N/A	0				N/A	N/A

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Other Parameters	Major Cations and Anions	Magnesium	mg/L	N/A	0				N/A	N/A
		Potassium	mg/L	N/A	120	<1.0	1.2	3.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	60	51.0	64.6	82.0	N/A	N/A
		Conductivity	µS/cm	N/A	60	120.0	223.5	460.0	N/A	N/A
		Conductivity - Field	µS/cm	N/A	520	103.0	291.2	597.0	N/A	N/A
		Temperature - Field	°C	N/A	520	2.3	22.5	29.3	N/A	N/A
	Taste and Odour	2-Methylisoborneol	ng/L	N/A	48	<2.0	<2.0	16.4	N/A	N/A
		Geosmin	ng/L	N/A	48	<2.0	<2.0	4.3	N/A	N/A

ZONE: SCENIC_RIM

Scenic Rim

Type	Group	Parameter	Unit	Criteria	Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Health Parameters	Chemical	Fluoride	mg/L	<= 1.5	208	0.32	0.79	0.91	208	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	261	<0.1	2.4	3.4	261	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	261	1.1	2.7	3.5	261	0
	Disinfection by product	Bromate	mg/L	<= 0.02	0				0	0
		Chlorate	mg/L	<= 0.8	68	<0.005	0.143	0.550	68	0
		NDMA	µg/L	<= 0.1	0				0	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Health Parameters	Haloacetic acid	Chloroacetic acid	µg/L	<= 150	20	<1.0	2.3	7.0	20	0
		Dichloroacetic acid	µg/L	<= 100	20	<1.0	7.6	18.0	20	0
		Trichloroacetic acid	µg/L	<= 100	20	<1.0	8.1	25.0	20	0
	Metals	Arsenic	mg/L	<= 0.01	60	<0.0005	<0.0005	<0.0005	60	0
		Boron	mg/L	<= 4	60	<0.03	<0.03	0.04	60	0
		Cadmium	mg/L	<= 0.002	60	<0.0001	<0.0001	<0.0001	60	0
		Chromium	mg/L	<= 0.05	60	<0.001	<0.001	<0.001	60	0
		Copper	mg/L	<= 2	60	<0.001	<0.001	0.005	60	0
		Lead	mg/L	<= 0.01	60	<0.001	<0.001	<0.001	60	0
		Manganese	mg/L	<= 0.5	60	<0.001	0.001	0.007	60	0
		Mercury	mg/L	<= 0.001	48	<0.0001	<0.0001	<0.0001	48	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Health Parameters	Metals	Nickel	mg/L	<= 0.02	60	<0.001	<0.001	0.001	60	0
		Selenium	mg/L	<= 0.01	60	<0.002	<0.002	<0.002	60	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	260	<1.0	<1.0	<1.0	260	0
	Nutrients	Nitrate	mg/L	<= 50	0				0	0
		Nitrite	mg/L	<= 3	0				0	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	100	15.0	72.8	200.0	100	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	140	23.0	88.3	220.0	140	0
		Hardness	mg/L	<= 200	120	24.0	145.9	330.0	95	25
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	80	13.0	53.5	170.0	80	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	60	<0.3	37.7	84.0	60	0
	Metals	Aluminium	mg/L	N/A	60	<0.005	0.025	0.094	N/A	N/A
		Copper	mg/L	<= 1	60	<0.001	<0.001	0.005	60	0
		Iron	mg/L	<= 0.3	60	<0.01	<0.01	0.04	60	0
		Manganese	mg/L	<= 0.1	60	<0.001	0.001	0.007	60	0
		Zinc	mg/L	<= 3	60	<0.005	<0.005	<0.005	60	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	261	6.8	7.4	8.0	261	0
		Total Dissolved Solids	mg/L	<= 600	60	120.0	329.2	580.0	60	0
		True Colour	HU	<= 15	60	<1.0	<1.0	3.0	60	0
		Turbidity	NTU	<= 5	60	<0.1	0.2	0.9	60	0
ier Parameter	Major Cations and Anions	Calcium	mg/L	N/A	0				N/A	N/A

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Other Parameters	Major Cations and Anions	Magnesium	mg/L	N/A	0				N/A	N/A
		Potassium	mg/L	N/A	60	<1.0	2.2	5.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	0				N/A	N/A
		Conductivity	µS/cm	N/A	60	170.0	543.3	1000.0	N/A	N/A
		Conductivity - Field	µS/cm	N/A	261	138.0	556.5	1090.0	N/A	N/A
		Temperature - Field	°C	N/A	261	10.6	22.2	30.7	N/A	N/A
	Taste and Odour	2-Methylisoborneol	ng/L	N/A	120	<2.0	<2.0	3.0	N/A	N/A
		Geosmin	ng/L	N/A	120	<2.0	<2.0	5.0	N/A	N/A

ZONE: SOMERSET
Somerset

Type	Group	Parameter	Unit	Criteria	Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Health Parameters	Chemical	Fluoride	mg/L	<= 1.5	155	0.47	0.81	0.92	155	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	361	0.4	2.4	3.5	361	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	361	0.5	2.6	3.8	361	0
	Disinfection by product	Bromate	mg/L	<= 0.02	50	<0.005	0.005	0.020	50	0
		Chlorate	mg/L	<= 0.8	166	<0.005	0.094	0.380	166	0
		NDMA	µg/L	<= 0.1	0				0	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Health Parameters	Haloacetic acid	Chloroacetic acid	µg/L	<= 150	44	<1.0	2.3	9.0	44	0
		Dichloroacetic acid	µg/L	<= 100	44	<1.0	9.3	34.0	44	0
		Trichloroacetic acid	µg/L	<= 100	44	<1.0	10.7	48.0	44	0
	Metals	Arsenic	mg/L	<= 0.01	72	<0.0005	<0.0005	0.0007	72	0
		Boron	mg/L	<= 4	72	<0.03	<0.03	0.04	72	0
		Cadmium	mg/L	<= 0.002	72	<0.0001	<0.0001	<0.0001	72	0
		Chromium	mg/L	<= 0.05	72	<0.001	<0.001	<0.001	72	0
		Copper	mg/L	<= 2	72	<0.001	0.001	0.023	72	0
		Lead	mg/L	<= 0.01	72	<0.001	<0.001	<0.001	72	0
		Manganese	mg/L	<= 0.5	72	<0.001	0.002	0.036	72	0
		Mercury	mg/L	<= 0.001	36	<0.0001	<0.0001	<0.0001	36	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Health Parameters	Metals	Nickel	mg/L	<= 0.02	72	<0.001	<0.001	0.002	72	0
		Selenium	mg/L	<= 0.01	72	<0.002	<0.002	<0.002	72	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	360	<1.0	<1.0	<1.0	360	0
	Nutrients	Nitrate	mg/L	<= 50	0				0	0
		Nitrite	mg/L	<= 3	0				0	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	203	11.0	50.1	150.0	203	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	72	30.0	66.9	170.0	72	0
		Hardness	mg/L	<= 200	110	34.0	125.8	210.0	108	2
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	72	26.0	46.9	100.0	72	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	72	7.2	36.7	94.0	72	0
	Metals	Aluminium	mg/L	N/A	72	<0.005	0.025	0.170	N/A	N/A
		Copper	mg/L	<= 1	72	<0.001	0.001	0.023	72	0
		Iron	mg/L	<= 0.3	72	<0.01	<0.01	0.08	72	0
		Manganese	mg/L	<= 0.1	72	<0.001	0.002	0.036	72	0
		Zinc	mg/L	<= 3	72	<0.005	<0.005	0.008	72	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	361	6.8	7.3	7.9	361	0
		Total Dissolved Solids	mg/L	<= 600	72	96.0	263.1	530.0	72	0
		True Colour	HU	<= 15	84	<1.0	<1.0	13.0	84	0
		Turbidity	NTU	<= 5	123	<0.1	0.2	0.7	123	0
ier Parameter	Major Cations and Anions	Calcium	mg/L	N/A	0				N/A	N/A

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Other Parameters	Major Cations and Anions	Magnesium	mg/L	N/A	0				N/A	N/A
		Potassium	mg/L	N/A	72	1.0	2.3	4.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	0				N/A	N/A
		Conductivity	µS/cm	N/A	72	180.0	444.0	880.0	N/A	N/A
		Conductivity - Field	µS/cm	N/A	310	263.0	466.2	883.0	N/A	N/A
		Temperature - Field	°C	N/A	361	13.6	22.6	29.7	N/A	N/A
	Taste and Odour	2-Methylisoborneol	ng/L	N/A	134	<2.0	3.6	41.7	N/A	N/A
		Geosmin	ng/L	N/A	134	<2.0	<2.0	14.2	N/A	N/A

ZONE: SUNSHINE_COAST
Sunshine Coast

Type	Group	Parameter	Unit	Criteria	Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Health Parameters	Chemical	Fluoride	mg/L	<= 1.5	415	<0.05	0.71	0.91	415	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	462	<0.1	1.7	4.0	462	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	462	0.2	2.0	4.1	462	0
	Disinfection by product	Bromate	mg/L	<= 0.02	155	<0.005	<0.005	0.016	155	0
		Chlorate	mg/L	<= 0.8	163	<0.005	0.148	0.500	163	0
		NDMA	µg/L	<= 0.1	6	<0.003	<0.003	<0.003	6	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Health Parameters	Haloacetic acid	Chloroacetic acid	µg/L	<= 150	36	<1.0	2.2	7.0	36	0
		Dichloroacetic acid	µg/L	<= 100	36	<1.0	6.9	27.0	36	0
		Trichloroacetic acid	µg/L	<= 100	36	<1.0	5.3	23.0	36	0
	Metals	Arsenic	mg/L	<= 0.01	72	<0.0005	<0.0005	0.0006	72	0
		Boron	mg/L	<= 4	72	<0.03	<0.03	<0.03	72	0
		Cadmium	mg/L	<= 0.002	108	<0.0001	<0.0001	0.0001	108	0
		Chromium	mg/L	<= 0.05	108	<0.001	<0.001	<0.001	108	0
		Copper	mg/L	<= 2	108	<0.001	0.001	0.003	108	0
		Lead	mg/L	<= 0.01	108	<0.001	<0.001	<0.001	108	0
		Manganese	mg/L	<= 0.5	224	<0.001	0.001	0.051	224	0
		Mercury	mg/L	<= 0.001	12	<0.0001	<0.0001	<0.0001	12	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Health Parameters	Metals	Nickel	mg/L	<= 0.02	108	<0.001	<0.001	0.001	108	0
		Selenium	mg/L	<= 0.01	72	<0.002	<0.002	<0.002	72	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	461	<1.0	<1.0	<1.0	461	0
	Nutrients	Nitrate	mg/L	<= 50	22	0.014	0.089	0.180	22	0
		Nitrite	mg/L	<= 3	22	<0.002	0.005	0.016	22	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	174	4.0	32.6	120.0	174	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	108	12.0	26.5	59.0	108	0
		Hardness	mg/L	<= 200	144	41.0	62.3	120.0	144	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	144	9.0	20.5	41.0	144	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	108	5.9	26.4	81.0	108	0
	Metals	Aluminium	mg/L	N/A	108	<0.005	0.015	0.160	N/A	N/A
		Copper	mg/L	<= 1	108	<0.001	0.001	0.003	108	0
		Iron	mg/L	<= 0.3	224	<0.01	<0.01	0.21	224	0
		Manganese	mg/L	<= 0.1	224	<0.001	0.001	0.051	224	0
		Zinc	mg/L	<= 3	108	<0.005	<0.005	0.020	108	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	462	6.7	7.3	8.1	462	0
		Total Dissolved Solids	mg/L	<= 600	108	21.0	149.8	400.0	108	0
		True Colour	HU	<= 15	224	<1.0	<1.0	6.0	224	0
		Turbidity	NTU	<= 5	224	<0.1	0.2	2.7	224	0
ier Parameter	Major Cations and Anions	Calcium	mg/L	N/A	0				N/A	N/A

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Other Parameters	Major Cations and Anions	Magnesium	mg/L	N/A	0				N/A	N/A
		Potassium	mg/L	N/A	144	<1.0	1.3	2.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	36	27.0	43.1	64.0	N/A	N/A
		Conductivity	µS/cm	N/A	72	150.0	257.2	380.0	N/A	N/A
		Conductivity - Field	µS/cm	N/A	462	129.0	244.8	431.0	N/A	N/A
		Temperature - Field	°C	N/A	462	16.3	23.0	31.0	N/A	N/A
	Taste and Odour	2-Methylisoborneol	ng/L	N/A	122	<2.0	<2.0	16.7	N/A	N/A
		Geosmin	ng/L	N/A	122	<2.0	<2.0	<2.0	N/A	N/A