

Monthly Performance

PERIOD: 2024-03

YTD Range Start: 2023-04-01
YTD Range End: 2024-03-31
Report Period Start: 2024-03-01
Report Period End: 2024-03-31

Approved: Yes
Approved by: JHANSSON
Approved on: 22-Apr-2024 11:46
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	32	<0.05	0.70	0.88	32	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	32	<0.1	<0.1	0.4	32	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	32	2.9	3.5	4.3	32	0
	Disinfection by product	Bromate	mg/L	<= 0.02	0				0	0
		Chlorate	mg/L	<= 0.8	9	0.025	0.095	0.170	9	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	0				0	0
		Dichloroacetic acid	µg/L	<= 100	0				0	0
		Trichloroacetic acid	µg/L	<= 100	0				0	0
	Metals	Arsenic	mg/L	<= 0.01	2	<0.0005	<0.0005	<0.0005	2	0
		Boron	mg/L	<= 4	2	<0.03	<0.03	<0.03	2	0
		Cadmium	mg/L	<= 0.002	8	<0.0001	<0.0001	<0.0001	8	0
		Chromium	mg/L	<= 0.05	8	<0.001	<0.001	<0.001	8	0
		Copper	mg/L	<= 2	8	<0.001	<0.001	<0.001	8	0
		Lead	mg/L	<= 0.01	8	<0.001	<0.001	<0.001	8	0
		Manganese	mg/L	<= 0.5	26	0.006	0.008	0.012	26	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	8	<0.001	<0.001	<0.001	8	0
		Selenium	mg/L	<= 0.01	2	<0.002	<0.002	<0.002	2	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	32	<1.0	<1.0	<1.0	32	0
	Nutrients	Nitrate	mg/L	<= 50	6	0.021	0.062	0.190	6	0
		Nitrite	mg/L	<= 3	6	<0.002	0.004	0.009	6	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	8	81.0	109.9	130.0	8	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	8	70.0	73.3	77.0	8	0
		Hardness	mg/L	<= 200	14	120.0	138.6	160.0	14	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	8	47.0	52.3	54.0	8	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	8	56.0	60.4	65.0	8	0
	Metals	Aluminium	mg/L	N/A	8	0.048	0.055	0.066	N/A	N/A
		Copper	mg/L	<= 1	8	<0.001	<0.001	<0.001	8	0
		Iron	mg/L	<= 0.3	26	<0.01	<0.01	0.03	26	0
		Manganese	mg/L	<= 0.1	26	0.006	0.008	0.012	26	0
		Zinc	mg/L	<= 3	8	<0.005	<0.005	<0.005	8	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	32	7.7	7.9	8.0	32	0
		Total Dissolved Solids	mg/L	<= 600	8	300.0	326.3	370.0	8	0
		True Colour	HU	<= 15	26	<1.0	1.4	13.0	26	0
		Turbidity	NTU	<= 5	26	0.2	0.3	0.5	26	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	8	3.0	3.8	4.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	6	79.0	100.7	110.0	N/A	N/A
		Conductivity	µS/cm	N/A	2	510.0	515.0	520.0	N/A	N/A
		Conductivity - Field	µS/cm	N/A	32	521.0	558.2	622.0	N/A	N/A
		Temperature - Field	°C	N/A	32	24.4	27.1	29.4	N/A	N/A
	Taste and Odour	2-Methylisoborneol	ng/L	N/A	4	2.1	4.2	6.2	N/A	N/A
		Geosmin	ng/L	N/A	4	<2.0	2.1	3.5	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	25	0.47	0.78	0.85	25	0
		Fluoride IC	mg/L	<= 1.5	4	0.67	0.79	0.86	4	0
		Free Chlorine - Field	mg/L	<= 5	24	1.0	1.8	2.4	24	0
		Free Chlorine External	mg/L	<= 5	4	0.94	1.10	1.24	4	0
		Total Chlorine - Field	mg/L	<= 5	24	1.1	1.9	2.5	24	0
	Disinfection by product	Bromate	mg/L	<= 0.02	1	<0.005	<0.005	<0.005	1	0
		Chlorate	mg/L	<= 0.8	5	0.110	0.126	0.150	5	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	0				0	0
		Dichloroacetic acid	µg/L	<= 100	0				0	0
		Trichloroacetic acid	µg/L	<= 100	0				0	0
	Metals	Arsenic	mg/L	<= 0.01	3	<0.0005	<0.0005	<0.0005	3	0
		Boron	mg/L	<= 4	11	<0.03	0.42	1.20	11	0
		Cadmium	mg/L	<= 0.002	7	<0.0001	<0.0001	<0.0001	7	0
		Chromium	mg/L	<= 0.05	7	<0.001	<0.001	<0.001	7	0
		Copper	mg/L	<= 2	10	<0.001	<0.001	<0.001	10	0
		Lead	mg/L	<= 0.01	7	<0.001	<0.001	<0.001	7	0
		Manganese	mg/L	<= 0.5	19	<0.001	<0.001	<0.001	19	0
		Mercury	mg/L	<= 0.001	1	<0.0001	<0.0001	<0.0001	1	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Health Parameters	Metals	Nickel	mg/L	<= 0.02	7	<0.001	<0.001	<0.001	7	0
		Selenium	mg/L	<= 0.01	2	<0.002	<0.002	<0.002	2	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	26	<1.0	<1.0	<1.0	26	0
	Nutrients	Nitrate	mg/L	<= 50	0				0	0
		Nitrite	mg/L	<= 3	0				0	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	7	1.6	53.7	92.0	7	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	12	13.0	20.6	41.0	12	0
		Hardness	mg/L	<= 200	13	30.0	46.2	51.0	13	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	13	13.0	18.2	29.0	13	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	9	19.0	20.6	23.0	9	0
	Metals	Aluminium	mg/L	N/A	7	<0.005	0.013	0.018	N/A	N/A
		Copper	mg/L	<= 1	10	<0.001	<0.001	<0.001	10	0
		Iron	mg/L	<= 0.3	19	<0.01	<0.01	0.01	19	0
		Manganese	mg/L	<= 0.1	19	<0.001	<0.001	<0.001	19	0
		Zinc	mg/L	<= 3	7	<0.005	<0.005	<0.005	7	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	24	6.9	7.1	7.4	24	0
		Total Dissolved Solids	mg/L	<= 600	6	98.0	113.0	140.0	6	0
		True Colour	HU	<= 15	22	<1.0	<1.0	5.0	22	0
		Turbidity	NTU	<= 5	22	<0.1	0.2	0.9	22	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	13	<1.0	1.1	2.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	4	38.0	45.3	51.0	N/A	N/A
		Conductivity	µS/cm	N/A	2	180.0	180.0	180.0	N/A	N/A
		Conductivity - Field	µS/cm	N/A	24	168.0	180.3	197.0	N/A	N/A
		Temperature - Field	°C	N/A	24	22.1	24.7	26.9	N/A	N/A
	Taste and Odour	2-Methylisoborneol	ng/L	N/A	4	2.7	3.9	4.7	N/A	N/A
		Geosmin	ng/L	N/A	4	<2.0	<2.0	<2.0	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	19	0.05	0.63	0.82	19	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	27	<0.1	<0.1	0.1	27	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	27	0.2	2.0	3.7	27	0
	Disinfection by product	Bromate	mg/L	<= 0.02	0				0	0
		Chlorate	mg/L	<= 0.8	7	0.096	0.172	0.290	7	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	0				0	0
		Dichloroacetic acid	µg/L	<= 100	0				0	0
		Trichloroacetic acid	µg/L	<= 100	0				0	0
	Metals	Arsenic	mg/L	<= 0.01	0				0	0
		Boron	mg/L	<= 4	0				0	0
		Cadmium	mg/L	<= 0.002	4	<0.0001	<0.0001	<0.0001	4	0
		Chromium	mg/L	<= 0.05	4	<0.001	<0.001	<0.001	4	0
		Copper	mg/L	<= 2	4	<0.001	<0.001	<0.001	4	0
		Lead	mg/L	<= 0.01	4	<0.001	<0.001	<0.001	4	0
		Manganese	mg/L	<= 0.5	21	<0.001	0.006	0.010	21	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	4	<0.001	<0.001	<0.001	4	0
		Selenium	mg/L	<= 0.01	0				0	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	27	<1.0	<1.0	<1.0	27	0
	Nutrients	Nitrate	mg/L	<= 50	9	0.017	0.185	0.460	9	0
		Nitrite	mg/L	<= 3	9	<0.002	0.058	0.280	9	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	6	100.0	121.7	140.0	6	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	4	45.0	63.3	70.0	4	0
		Hardness	mg/L	<= 200	4	83.0	108.3	120.0	4	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	4	38.0	50.3	55.0	4	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	4	40.0	55.8	64.0	4	0
	Metals	Aluminium	mg/L	N/A	6	0.033	0.050	0.060	N/A	N/A
		Copper	mg/L	<= 1	4	<0.001	<0.001	<0.001	4	0
		Iron	mg/L	<= 0.3	21	<0.01	<0.01	0.04	21	0
		Manganese	mg/L	<= 0.1	21	<0.001	0.006	0.010	21	0
		Zinc	mg/L	<= 3	4	<0.005	<0.005	<0.005	4	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	27	7.6	7.8	8.0	27	0
		Total Dissolved Solids	mg/L	<= 600	4	260.0	295.0	340.0	4	0
		True Colour	HU	<= 15	19	<1.0	<1.0	1.0	19	0
		Turbidity	NTU	<= 5	21	0.1	0.3	0.6	21	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	4	3.0	3.8	4.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	4	60.0	72.8	83.0	N/A	N/A
		Conductivity	µS/cm	N/A	0				N/A	N/A
		Conductivity - Field	µS/cm	N/A	27	188.0	473.9	600.0	N/A	N/A
		Temperature - Field	°C	N/A	27	24.3	26.9	29.7	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	16	<0.05	0.80	0.92	16	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	20	<0.1	0.2	1.2	20	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	20	0.8	2.7	4.0	20	0
	Disinfection by product	Bromate	mg/L	<= 0.02	0				0	0
		Chlorate	mg/L	<= 0.8	1	0.130	0.130	0.130	1	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	0				0	0
		Dichloroacetic acid	µg/L	<= 100	0				0	0
		Trichloroacetic acid	µg/L	<= 100	0				0	0
	Metals	Arsenic	mg/L	<= 0.01	2	<0.0005	<0.0005	0.0008	2	0
		Boron	mg/L	<= 4	2	<0.03	<0.03	<0.03	2	0
		Cadmium	mg/L	<= 0.002	3	<0.0001	<0.0001	<0.0001	3	0
		Chromium	mg/L	<= 0.05	3	<0.001	<0.001	<0.001	3	0
		Copper	mg/L	<= 2	4	<0.001	<0.001	0.001	4	0
		Lead	mg/L	<= 0.01	4	<0.001	<0.001	<0.001	4	0
		Manganese	mg/L	<= 0.5	11	<0.001	0.015	0.084	11	0
		Mercury	mg/L	<= 0.001	1	<0.0001	<0.0001	<0.0001	1	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Health Parameters	Metals	Nickel	mg/L	<= 0.02	3	<0.001	<0.001	<0.001	3	0
		Selenium	mg/L	<= 0.01	2	<0.002	<0.002	<0.002	2	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	20	<1.0	<1.0	<1.0	20	0
	Nutrients	Nitrate	mg/L	<= 50	3	<0.002	0.193	0.420	3	0
		Nitrite	mg/L	<= 3	3	<0.002	0.017	0.047	3	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	5	28.0	58.2	78.0	5	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	3	22.0	22.7	23.0	3	0
		Hardness	mg/L	<= 200	4	48.0	53.5	57.0	4	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	4	11.0	23.5	31.0	4	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	3	6.0	30.7	44.0	3	0
	Metals	Aluminium	mg/L	N/A	5	<0.005	0.016	0.024	N/A	N/A
		Copper	mg/L	<= 1	4	<0.001	<0.001	0.001	4	0
		Iron	mg/L	<= 0.3	11	<0.01	0.04	0.29	11	0
		Manganese	mg/L	<= 0.1	11	<0.001	0.015	0.084	11	0
		Zinc	mg/L	<= 3	3	<0.005	<0.005	<0.005	3	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	20	6.9	7.5	8.2	20	0
		Total Dissolved Solids	mg/L	<= 600	4	140.0	157.5	190.0	4	0
		True Colour	HU	<= 15	10	<1.0	<1.0	3.0	10	0
		Turbidity	NTU	<= 5	11	0.1	0.7	3.1	11	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	4	1.0	1.5	2.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	2	35.0	38.5	42.0	N/A	N/A
		Conductivity	µS/cm	N/A	2	230.0	245.0	260.0	N/A	N/A
		Conductivity - Field	µS/cm	N/A	20	184.0	284.0	581.0	N/A	N/A
		Temperature - Field	°C	N/A	20	23.7	25.8	26.8	N/A	N/A
	Taste and Odour	2-Methylisoborneol	ng/L	N/A	4	<2.0	2.0	5.1	N/A	N/A
		Geosmin	ng/L	N/A	4	<2.0	<2.0	<2.0	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	45	0.43	0.77	0.93	45	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	40	0.8	1.4	1.9	40	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	40	0.9	1.4	2.0	40	0
	Disinfection by product	Bromate	mg/L	<= 0.02	0				0	0
		Chlorate	mg/L	<= 0.8	0				0	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	8	2.0	2.6	3.0	8	0
		Dichloroacetic acid	µg/L	<= 100	8	6.0	14.5	20.0	8	0
		Trichloroacetic acid	µg/L	<= 100	8	4.0	13.0	21.0	8	0
	Metals	Arsenic	mg/L	<= 0.01	5	<0.0005	<0.0005	<0.0005	5	0
		Boron	mg/L	<= 4	5	<0.03	<0.03	<0.03	5	0
		Cadmium	mg/L	<= 0.002	10	<0.0001	<0.0001	<0.0001	10	0
		Chromium	mg/L	<= 0.05	10	<0.001	<0.001	<0.001	10	0
		Copper	mg/L	<= 2	10	<0.001	0.001	0.009	10	0
		Lead	mg/L	<= 0.01	10	<0.001	<0.001	<0.001	10	0
		Manganese	mg/L	<= 0.5	25	<0.001	0.004	0.006	25	0
		Mercury	mg/L	<= 0.001	2	<0.0001	<0.0001	<0.0001	2	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Health Parameters	Metals	Nickel	mg/L	<= 0.02	10	<0.001	<0.001	<0.001	10	0
		Selenium	mg/L	<= 0.01	5	<0.002	<0.002	<0.002	5	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	40	<1.0	<1.0	<1.0	40	0
	Nutrients	Nitrate	mg/L	<= 50	0				0	0
		Nitrite	mg/L	<= 3	0				0	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	13	<1.0	96.6	180.0	13	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	10	22.0	44.0	59.0	10	0
		Hardness	mg/L	<= 200	10	24.0	71.8	150.0	10	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	10	13.0	29.8	46.0	10	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	10	2.0	33.2	100.0	10	0
	Metals	Aluminium	mg/L	N/A	10	<0.005	0.038	0.072	N/A	N/A
		Copper	mg/L	<= 1	10	<0.001	0.001	0.009	10	0
		Iron	mg/L	<= 0.3	25	<0.01	<0.01	0.02	25	0
		Manganese	mg/L	<= 0.1	25	<0.001	0.004	0.006	25	0
		Zinc	mg/L	<= 3	10	<0.005	<0.005	<0.005	10	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	40	6.8	7.2	7.5	40	0
		Total Dissolved Solids	mg/L	<= 600	10	67.0	205.8	340.0	10	0
		True Colour	HU	<= 15	25	<1.0	<1.0	1.0	25	0
		Turbidity	NTU	<= 5	25	0.1	0.4	0.6	25	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	10	<1.0	1.6	3.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	5	55.0	56.6	59.0	N/A	N/A
		Conductivity	µS/cm	N/A	5	130.0	236.0	460.0	N/A	N/A
		Conductivity - Field	µS/cm	N/A	40	118.0	316.6	480.0	N/A	N/A
		Temperature - Field	°C	N/A	40	22.1	24.6	28.0	N/A	N/A
	Taste and Odour	2-Methylisoborneol	ng/L	N/A	4	<2.0	4.7	16.4	N/A	N/A
		Geosmin	ng/L	N/A	4	<2.0	<2.0	<2.0	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	16	0.65	0.81	0.86	16	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	20	<0.1	2.1	3.1	20	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	20	2.2	2.8	3.5	20	0
	Disinfection by product	Bromate	mg/L	<= 0.02	0				0	0
		Chlorate	mg/L	<= 0.8	4	0.290	0.393	0.550	4	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	0				0	0
		Dichloroacetic acid	µg/L	<= 100	0				0	0
		Trichloroacetic acid	µg/L	<= 100	0				0	0
	Metals	Arsenic	mg/L	<= 0.01	5	<0.0005	<0.0005	<0.0005	5	0
		Boron	mg/L	<= 4	5	<0.03	<0.03	<0.03	5	0
		Cadmium	mg/L	<= 0.002	5	<0.0001	<0.0001	<0.0001	5	0
		Chromium	mg/L	<= 0.05	5	<0.001	<0.001	<0.001	5	0
		Copper	mg/L	<= 2	5	<0.001	<0.001	<0.001	5	0
		Lead	mg/L	<= 0.01	5	<0.001	<0.001	<0.001	5	0
		Manganese	mg/L	<= 0.5	5	<0.001	0.001	0.003	5	0
		Mercury	mg/L	<= 0.001	4	<0.0001	<0.0001	<0.0001	4	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Health Parameters	Metals	Nickel	mg/L	<= 0.02	5	<0.001	<0.001	<0.001	5	0
		Selenium	mg/L	<= 0.01	5	<0.002	<0.002	<0.002	5	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	20	<1.0	<1.0	<1.0	20	0
	Nutrients	Nitrate	mg/L	<= 50	0				0	0
		Nitrite	mg/L	<= 3	0				0	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	8	37.0	69.5	96.0	8	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	11	26.0	86.6	180.0	11	0
		Hardness	mg/L	<= 200	14	58.0	143.1	220.0	13	1
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	8	17.0	51.1	77.0	8	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	5	2.0	40.0	70.0	5	0
	Metals	Aluminium	mg/L	N/A	5	<0.005	0.023	0.041	N/A	N/A
		Copper	mg/L	<= 1	5	<0.001	<0.001	<0.001	5	0
		Iron	mg/L	<= 0.3	5	<0.01	<0.01	<0.01	5	0
		Manganese	mg/L	<= 0.1	5	<0.001	0.001	0.003	5	0
		Zinc	mg/L	<= 3	5	<0.005	<0.005	<0.005	5	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	20	7.1	7.5	8.0	20	0
		Total Dissolved Solids	mg/L	<= 600	5	120.0	310.0	450.0	5	0
		True Colour	HU	<= 15	5	<1.0	<1.0	3.0	5	0
		Turbidity	NTU	<= 5	5	<0.1	0.1	0.2	5	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	5	<1.0	2.0	3.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	0				N/A	N/A
		Conductivity	µS/cm	N/A	5	200.0	396.0	560.0	N/A	N/A
		Conductivity - Field	µS/cm	N/A	20	195.0	505.5	929.0	N/A	N/A
		Temperature - Field	°C	N/A	20	22.3	25.3	28.3	N/A	N/A
	Taste and Odour	2-Methylisoborneol	ng/L	N/A	10	<2.0	<2.0	2.2	N/A	N/A
		Geosmin	ng/L	N/A	10	<2.0	<2.0	2.2	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	12	0.78	0.85	0.90	12	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	28	1.5	2.4	3.5	28	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	28	1.7	2.5	3.7	28	0
	Disinfection by product	Bromate	mg/L	<= 0.02	4	0.009	0.012	0.014	4	0
		Chlorate	mg/L	<= 0.8	12	0.047	0.167	0.270	12	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	1	4.0	4.0	4.0	1	0
		Dichloroacetic acid	µg/L	<= 100	1	26.0	26.0	26.0	1	0
		Trichloroacetic acid	µg/L	<= 100	1	40.0	40.0	40.0	1	0
	Metals	Arsenic	mg/L	<= 0.01	6	<0.0005	<0.0005	<0.0005	6	0
		Boron	mg/L	<= 4	6	<0.03	<0.03	<0.03	6	0
		Cadmium	mg/L	<= 0.002	6	<0.0001	<0.0001	<0.0001	6	0
		Chromium	mg/L	<= 0.05	6	<0.001	<0.001	<0.001	6	0
		Copper	mg/L	<= 2	6	<0.001	0.001	0.005	6	0
		Lead	mg/L	<= 0.01	6	<0.001	<0.001	<0.001	6	0
		Manganese	mg/L	<= 0.5	6	<0.001	0.002	0.006	6	0
		Mercury	mg/L	<= 0.001	3	<0.0001	<0.0001	<0.0001	3	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Health Parameters	Metals	Nickel	mg/L	<= 0.02	6	<0.001	<0.001	<0.001	6	0
		Selenium	mg/L	<= 0.01	6	<0.002	<0.002	<0.002	6	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	28	<1.0	<1.0	<1.0	28	0
	Nutrients	Nitrate	mg/L	<= 50	0				0	0
		Nitrite	mg/L	<= 3	0				0	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	16	31.0	65.3	100.0	16	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	6	30.0	61.8	130.0	6	0
		Hardness	mg/L	<= 200	12	44.0	134.6	190.0	12	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	6	32.0	48.0	80.0	6	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	6	7.7	57.6	94.0	6	0
	Metals	Aluminium	mg/L	N/A	6	<0.005	0.020	0.052	N/A	N/A
		Copper	mg/L	<= 1	6	<0.001	0.001	0.005	6	0
		Iron	mg/L	<= 0.3	6	<0.01	<0.01	<0.01	6	0
		Manganese	mg/L	<= 0.1	6	<0.001	0.002	0.006	6	0
		Zinc	mg/L	<= 3	6	<0.005	<0.005	<0.005	6	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	28	7.0	7.2	7.6	28	0
		Total Dissolved Solids	mg/L	<= 600	6	190.0	290.0	450.0	6	0
		True Colour	HU	<= 15	7	<1.0	1.9	13.0	7	0
		Turbidity	NTU	<= 5	10	0.1	0.1	0.3	10	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	6	2.0	2.5	4.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	0				N/A	N/A
		Conductivity	µS/cm	N/A	6	190.0	270.0	440.0	N/A	N/A
		Conductivity - Field	µS/cm	N/A	24	263.0	453.6	785.0	N/A	N/A
		Temperature - Field	°C	N/A	28	22.0	25.6	27.7	N/A	N/A
	Taste and Odour	2-Methylisoborneol	ng/L	N/A	12	<2.0	3.1	5.6	N/A	N/A
		Geosmin	ng/L	N/A	12	<2.0	<2.0	2.6	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	36	<0.05	0.59	0.91	36	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	35	<0.1	1.7	4.0	35	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	35	1.1	2.0	4.0	35	0
	Disinfection by product	Bromate	mg/L	<= 0.02	12	<0.005	0.005	0.016	12	0
		Chlorate	mg/L	<= 0.8	11	0.058	0.257	0.500	11	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	0				0	0
		Dichloroacetic acid	µg/L	<= 100	0				0	0
		Trichloroacetic acid	µg/L	<= 100	0				0	0
	Metals	Arsenic	mg/L	<= 0.01	6	<0.0005	<0.0005	<0.0005	6	0
		Boron	mg/L	<= 4	6	<0.03	<0.03	<0.03	6	0
		Cadmium	mg/L	<= 0.002	9	<0.0001	<0.0001	<0.0001	9	0
		Chromium	mg/L	<= 0.05	9	<0.001	<0.001	<0.001	9	0
		Copper	mg/L	<= 2	9	<0.001	<0.001	0.001	9	0
		Lead	mg/L	<= 0.01	9	<0.001	<0.001	<0.001	9	0
		Manganese	mg/L	<= 0.5	17	<0.001	0.002	0.007	17	0
		Mercury	mg/L	<= 0.001	1	<0.0001	<0.0001	<0.0001	1	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Health Parameters	Metals	Nickel	mg/L	<= 0.02	9	<0.001	<0.001	0.001	9	0
		Selenium	mg/L	<= 0.01	6	<0.002	<0.002	<0.002	6	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	35	<1.0	<1.0	<1.0	35	0
	Nutrients	Nitrate	mg/L	<= 50	1	0.180	0.180	0.180	1	0
		Nitrite	mg/L	<= 3	1	<0.002	<0.002	<0.002	1	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	14	10.0	36.9	82.0	14	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	9	13.0	19.7	33.0	9	0
		Hardness	mg/L	<= 200	11	48.0	70.7	120.0	11	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	11	9.0	20.2	41.0	11	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	9	8.8	38.5	81.0	9	0
	Metals	Aluminium	mg/L	N/A	9	<0.005	0.010	0.068	N/A	N/A
		Copper	mg/L	<= 1	9	<0.001	<0.001	0.001	9	0
		Iron	mg/L	<= 0.3	17	<0.01	<0.01	0.02	17	0
		Manganese	mg/L	<= 0.1	17	<0.001	0.002	0.007	17	0
		Zinc	mg/L	<= 3	9	<0.005	<0.005	<0.005	9	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	35	7.0	7.3	8.1	35	0
		Total Dissolved Solids	mg/L	<= 600	9	98.0	143.1	190.0	9	0
		True Colour	HU	<= 15	17	<1.0	<1.0	1.0	17	0
		Turbidity	NTU	<= 5	17	0.1	0.3	1.6	17	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	11	<1.0	1.0	2.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	3	34.0	34.7	35.0	N/A	N/A
		Conductivity	µS/cm	N/A	6	180.0	275.0	320.0	N/A	N/A
		Conductivity - Field	µS/cm	N/A	35	129.0	254.7	359.0	N/A	N/A
		Temperature - Field	°C	N/A	35	23.0	25.2	27.5	N/A	N/A
	Taste and Odour	2-Methylisoborneol	ng/L	N/A	12	<2.0	<2.0	<2.0	N/A	N/A
		Geosmin	ng/L	N/A	12	<2.0	<2.0	<2.0	N/A	N/A