

Site Performance

PERIOD: 2024-03

YTD Range Start: NA

YTD Range End: NA

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

SITE: ASPR

Aspley Reservoir

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	4	0.38	0.68	0.81	4	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	4	<0.1	<0.1	<0.1	4	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	4	2.9	3.6	4.0	4	0
	Disinfection by product	Bromate	mg/L	<= 0.02	0				0	0
		Chlorate	mg/L	<= 0.8	1	0.170	0.170	0.170	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	0				0	0
		Boron	mg/L	<= 4	0				0	0
		Cadmium	mg/L	<= 0.002	1	<0.0001	<0.0001	<0.0001	1	0
		Chromium	mg/L	<= 0.05	1	<0.001	<0.001	<0.001	1	0
		Copper	mg/L	<= 2	1	<0.001	<0.001	<0.001	1	0
		Lead	mg/L	<= 0.01	1	<0.001	<0.001	<0.001	1	0
		Manganese	mg/L	<= 0.5	4	0.006	0.008	0.012	4	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	1	<0.001	<0.001	<0.001	1	0
		Selenium	mg/L	<= 0.01	0				0	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	4	<1.0	<1.0	<1.0	4	0
	Nutrients	Nitrate	mg/L	<= 50	1	0.190	0.190	0.190	1	0
		Nitrite	mg/L	<= 3	1	0.006	0.006	0.006	1	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	1	110.0	110.0	110.0	1	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	1	72.0	72.0	72.0	1	0
		Hardness	mg/L	<= 200	1	130.0	130.0	130.0	1	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	1	54.0	54.0	54.0	1	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	1	61.0	61.0	61.0	1	0
	Metals	Aluminium	mg/L	N/A	1	0.055	0.055	0.055	N/A	N/A
		Copper	mg/L	<= 1	1	<0.001	<0.001	<0.001	1	0
		Iron	mg/L	<= 0.3	4	<0.01	0.01	0.03	4	0
		Manganese	mg/L	<= 0.1	4	0.006	0.008	0.012	4	0
		Zinc	mg/L	<= 3	1	<0.005	<0.005	<0.005	1	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	4	7.7	7.8	7.9	4	0
		Total Dissolved Solids	mg/L	<= 600	1	310.0	310.0	310.0	1	0
		True Colour	HU	<= 15	4	<1.0	<1.0	2.0	4	0
		Turbidity	NTU	<= 5	4	0.2	0.3	0.3	4	0
er 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	1	4.0	4.0	4.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	1	95.0	95.0	95.0	N/A	N/A
		Conductivity	µS/cm	N/A	0				N/A	N/A
		Conductivity - Field	µS/cm	N/A	4	541.0	556.3	570.0	N/A	N/A
		Temperature - Field	°C	N/A	4	26.2	27.5	28.5	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: BRISBANE

SITE: CAME

Camerons Creek (Mt Crosby)

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	4	0.61	0.76	0.87	4	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	4	<0.1	<0.1	<0.1	4	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	4	3.9	4.0	4.0	4	0
	Disinfection by product	Bromate	mg/L	<= 0.02	0				0	0
		Chlorate	mg/L	<= 0.8	1	0.120	0.120	0.120	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	0				0	0
		Boron	mg/L	<= 4	0				0	0
		Cadmium	mg/L	<= 0.002	1	<0.0001	<0.0001	<0.0001	1	0
		Chromium	mg/L	<= 0.05	1	<0.001	<0.001	<0.001	1	0
		Copper	mg/L	<= 2	1	<0.001	<0.001	<0.001	1	0
		Lead	mg/L	<= 0.01	1	<0.001	<0.001	<0.001	1	0
		Manganese	mg/L	<= 0.5	4	0.008	0.009	0.011	4	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	1	<0.001	<0.001	<0.001	1	0
		Selenium	mg/L	<= 0.01	0				0	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	4	<1.0	<1.0	<1.0	4	0
	Nutrients	Nitrate	mg/L	<= 50	1	0.021	0.021	0.021	1	0
		Nitrite	mg/L	<= 3	1	<0.002	<0.002	<0.002	1	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	1	120.0	120.0	120.0	1	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	1	72.0	72.0	72.0	1	0
		Hardness	mg/L	<= 200	1	130.0	130.0	130.0	1	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	1	53.0	53.0	53.0	1	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	1	59.0	59.0	59.0	1	0
	Metals	Aluminium	mg/L	N/A	1	0.048	0.048	0.048	N/A	N/A
		Copper	mg/L	<= 1	1	<0.001	<0.001	<0.001	1	0
		Iron	mg/L	<= 0.3	4	<0.01	<0.01	0.01	4	0
		Manganese	mg/L	<= 0.1	4	0.008	0.009	0.011	4	0
		Zinc	mg/L	<= 3	1	<0.005	<0.005	<0.005	1	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	4	7.7	7.8	7.9	4	0
		Total Dissolved Solids	mg/L	<= 600	1	320.0	320.0	320.0	1	0
		True Colour	HU	<= 15	4	<1.0	3.5	13.0	4	0
		Turbidity	NTU	<= 5	4	0.3	0.4	0.5	4	0
er 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	1	4.0	4.0	4.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	1	100.0	100.0	100.0	N/A	N/A
		Conductivity	µS/cm	N/A	0				N/A	N/A
		Conductivity - Field	µS/cm	N/A	4	521.0	557.0	610.0	N/A	N/A
		Temperature - Field	°C	N/A	4	24.4	27.0	28.5	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: BRISBANE

SITE: GREE

Green Hill Reservoirs

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	4	0.69	0.76	0.85	4	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	4	<0.1	0.1	0.4	4	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	4	3.3	3.4	3.5	4	0
	Disinfection by product	Bromate	mg/L	<= 0.02	0				0	0
		Chlorate	mg/L	<= 0.8	1	0.110	0.110	0.110	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	0				0	0
		Boron	mg/L	<= 4	0				0	0
		Cadmium	mg/L	<= 0.002	1	<0.0001	<0.0001	<0.0001	1	0
		Chromium	mg/L	<= 0.05	1	<0.001	<0.001	<0.001	1	0
		Copper	mg/L	<= 2	1	<0.001	<0.001	<0.001	1	0
		Lead	mg/L	<= 0.01	1	<0.001	<0.001	<0.001	1	0
		Manganese	mg/L	<= 0.5	4	0.008	0.009	0.012	4	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	1	<0.001	<0.001	<0.001	1	0
		Selenium	mg/L	<= 0.01	0				0	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	4	<1.0	<1.0	<1.0	4	0
	Nutrients	Nitrate	mg/L	<= 50	1	0.027	0.027	0.027	1	0
		Nitrite	mg/L	<= 3	1	0.002	0.002	0.002	1	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	1	110.0	110.0	110.0	1	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	1	73.0	73.0	73.0	1	0
		Hardness	mg/L	<= 200	1	140.0	140.0	140.0	1	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	1	54.0	54.0	54.0	1	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	1	62.0	62.0	62.0	1	0
	Metals	Aluminium	mg/L	N/A	1	0.059	0.059	0.059	N/A	N/A
		Copper	mg/L	<= 1	1	<0.001	<0.001	<0.001	1	0
		Iron	mg/L	<= 0.3	4	<0.01	<0.01	<0.01	4	0
		Manganese	mg/L	<= 0.1	4	0.008	0.009	0.012	4	0
		Zinc	mg/L	<= 3	1	<0.005	<0.005	<0.005	1	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	4	7.7	7.8	8.0	4	0
		Total Dissolved Solids	mg/L	<= 600	1	300.0	300.0	300.0	1	0
		True Colour	HU	<= 15	4	<1.0	2.0	4.0	4	0
		Turbidity	NTU	<= 5	4	0.2	0.3	0.4	4	0
er 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	1	4.0	4.0	4.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	1	110.0	110.0	110.0	N/A	N/A
		Conductivity	µS/cm	N/A	0				N/A	N/A
		Conductivity - Field	µS/cm	N/A	4	531.0	561.5	597.0	N/A	N/A
		Temperature - Field	°C	N/A	4	25.1	27.0	28.1	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: BRISBANE

SITE: RCH

Cameron's Hill

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	8	<0.05	0.63	0.88	8	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	8	<0.1	<0.1	<0.1	8	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	8	3.8	4.0	4.3	8	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	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	2	<0.0001	<0.0001	<0.0001	2	0
		Chromium	mg/L	<= 0.05	2	<0.001	<0.001	<0.001	2	0
		Copper	mg/L	<= 2	2	<0.001	<0.001	<0.001	2	0
		Lead	mg/L	<= 0.01	2	<0.001	<0.001	<0.001	2	0
		Manganese	mg/L	<= 0.5	2	0.006	0.008	0.009	2	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	2	<0.001	<0.001	<0.001	2	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	8	<1.0	<1.0	<1.0	8	0
	Nutrients	Nitrate	mg/L	<= 50	0				0	0
		Nitrite	mg/L	<= 3	0				0	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	2	81.0	84.5	88.0	2	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	2	76.0	76.5	77.0	2	0
		Hardness	mg/L	<= 200	8	130.0	142.5	160.0	8	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	2	47.0	47.5	48.0	2	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	2	56.0	57.0	58.0	2	0
	Metals	Aluminium	mg/L	N/A	2	0.059	0.063	0.066	N/A	N/A
		Copper	mg/L	<= 1	2	<0.001	<0.001	<0.001	2	0
		Iron	mg/L	<= 0.3	2	<0.01	<0.01	<0.01	2	0
		Manganese	mg/L	<= 0.1	2	0.006	0.008	0.009	2	0
		Zinc	mg/L	<= 3	2	<0.005	<0.005	<0.005	2	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	8	7.8	7.9	8.0	8	0
		Total Dissolved Solids	mg/L	<= 600	2	360.0	365.0	370.0	2	0
		True Colour	HU	<= 15	2	<1.0	1.5	3.0	2	0
		Turbidity	NTU	<= 5	2	0.4	0.4	0.4	2	0
er 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	2	3.0	3.0	3.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	0				N/A	N/A
		Conductivity	µS/cm	N/A	2	510.0	515.0	520.0	N/A	N/A
		Conductivity - Field	µS/cm	N/A	8	528.0	564.5	622.0	N/A	N/A
		Temperature - Field	°C	N/A	8	24.5	27.0	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: BRISBANE

SITE: SPAR

Sparkes Hill Reservoirs

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	8	0.69	0.76	0.85	8	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	8	<0.1	<0.1	<0.1	8	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	8	2.9	3.2	3.3	8	0
	Disinfection by product	Bromate	mg/L	<= 0.02	0				0	0
		Chlorate	mg/L	<= 0.8	2	0.093	0.097	0.100	2	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	2	<0.0001	<0.0001	<0.0001	2	0
		Chromium	mg/L	<= 0.05	2	<0.001	<0.001	<0.001	2	0
		Copper	mg/L	<= 2	2	<0.001	<0.001	<0.001	2	0
		Lead	mg/L	<= 0.01	2	<0.001	<0.001	<0.001	2	0
		Manganese	mg/L	<= 0.5	8	0.006	0.008	0.011	8	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	2	<0.001	<0.001	<0.001	2	0
		Selenium	mg/L	<= 0.01	0				0	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	8	<1.0	<1.0	<1.0	8	0
	Nutrients	Nitrate	mg/L	<= 50	2	0.023	0.024	0.025	2	0
		Nitrite	mg/L	<= 3	2	0.005	0.007	0.009	2	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	2	120.0	120.0	120.0	2	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	2	73.0	73.0	73.0	2	0
		Hardness	mg/L	<= 200	2	140.0	140.0	140.0	2	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	2	54.0	54.0	54.0	2	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	2	62.0	63.5	65.0	2	0
	Metals	Aluminium	mg/L	N/A	2	0.050	0.052	0.053	N/A	N/A
		Copper	mg/L	<= 1	2	<0.001	<0.001	<0.001	2	0
		Iron	mg/L	<= 0.3	8	<0.01	<0.01	<0.01	8	0
		Manganese	mg/L	<= 0.1	8	0.006	0.008	0.011	8	0
		Zinc	mg/L	<= 3	2	<0.005	<0.005	<0.005	2	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	8	7.8	7.9	8.0	8	0
		Total Dissolved Solids	mg/L	<= 600	2	300.0	305.0	310.0	2	0
		True Colour	HU	<= 15	8	<1.0	1.3	5.0	8	0
		Turbidity	NTU	<= 5	8	0.2	0.3	0.4	8	0
er 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	2	4.0	4.0	4.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	2	110.0	110.0	110.0	N/A	N/A
		Conductivity	µS/cm	N/A	0				N/A	N/A
		Conductivity - Field	µS/cm	N/A	8	529.0	558.0	596.0	N/A	N/A
		Temperature - Field	°C	N/A	8	25.5	27.3	28.4	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: BRISBANE

SITE: WELL

Wellers Hill Reservoirs

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	4	0.05	0.61	0.84	4	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	4	<0.1	<0.1	<0.1	4	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	4	2.9	3.0	3.1	4	0
	Disinfection by product	Bromate	mg/L	<= 0.02	0				0	0
		Chlorate	mg/L	<= 0.8	4	0.025	0.066	0.110	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	0				0	0
		Boron	mg/L	<= 4	0				0	0
		Cadmium	mg/L	<= 0.002	1	<0.0001	<0.0001	<0.0001	1	0
		Chromium	mg/L	<= 0.05	1	<0.001	<0.001	<0.001	1	0
		Copper	mg/L	<= 2	1	<0.001	<0.001	<0.001	1	0
		Lead	mg/L	<= 0.01	1	<0.001	<0.001	<0.001	1	0
		Manganese	mg/L	<= 0.5	4	0.006	0.008	0.009	4	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	1	<0.001	<0.001	<0.001	1	0
		Selenium	mg/L	<= 0.01	0				0	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	4	<1.0	<1.0	<1.0	4	0
	Nutrients	Nitrate	mg/L	<= 50	1	0.088	0.088	0.088	1	0
		Nitrite	mg/L	<= 3	1	0.004	0.004	0.004	1	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	1	130.0	130.0	130.0	1	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	1	70.0	70.0	70.0	1	0
		Hardness	mg/L	<= 200	1	120.0	120.0	120.0	1	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	1	54.0	54.0	54.0	1	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	1	60.0	60.0	60.0	1	0
	Metals	Aluminium	mg/L	N/A	1	0.050	0.050	0.050	N/A	N/A
		Copper	mg/L	<= 1	1	<0.001	<0.001	<0.001	1	0
		Iron	mg/L	<= 0.3	4	<0.01	<0.01	<0.01	4	0
		Manganese	mg/L	<= 0.1	4	0.006	0.008	0.009	4	0
		Zinc	mg/L	<= 3	1	<0.005	<0.005	<0.005	1	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	4	7.8	7.9	7.9	4	0
		Total Dissolved Solids	mg/L	<= 600	1	340.0	340.0	340.0	1	0
		True Colour	HU	<= 15	4	<1.0	<1.0	<1.0	4	0
		Turbidity	NTU	<= 5	4	0.2	0.3	0.3	4	0
er 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	1	4.0	4.0	4.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	1	79.0	79.0	79.0	N/A	N/A
		Conductivity	µS/cm	N/A	0				N/A	N/A
		Conductivity - Field	µS/cm	N/A	4	522.0	546.0	590.0	N/A	N/A
		Temperature - Field	°C	N/A	4	25.0	27.1	29.2	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: GOLD_COAST

SITE: MOLS

Molendinar Reservoirs & Pump Station (SRP)

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	4	0.78	0.81	0.85	4	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	4	1.5	1.5	1.5	4	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	4	1.6	1.6	1.6	4	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	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	1	<0.0001	<0.0001	<0.0001	1	0
		Chromium	mg/L	<= 0.05	1	<0.001	<0.001	<0.001	1	0
		Copper	mg/L	<= 2	1	<0.001	<0.001	<0.001	1	0
		Lead	mg/L	<= 0.01	1	<0.001	<0.001	<0.001	1	0
		Manganese	mg/L	<= 0.5	4	<0.001	<0.001	<0.001	4	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	1	<0.001	<0.001	<0.001	1	0
		Selenium	mg/L	<= 0.01	0				0	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	4	<1.0	<1.0	<1.0	4	0
	Nutrients	Nitrate	mg/L	<= 50	0				0	0
		Nitrite	mg/L	<= 3	0				0	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	1	58.0	58.0	58.0	1	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	1	14.0	14.0	14.0	1	0
		Hardness	mg/L	<= 200	1	50.0	50.0	50.0	1	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	1	15.0	15.0	15.0	1	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	1	19.0	19.0	19.0	1	0
	Metals	Aluminium	mg/L	N/A	1	0.017	0.017	0.017	N/A	N/A
		Copper	mg/L	<= 1	1	<0.001	<0.001	<0.001	1	0
		Iron	mg/L	<= 0.3	4	<0.01	<0.01	<0.01	4	0
		Manganese	mg/L	<= 0.1	4	<0.001	<0.001	<0.001	4	0
		Zinc	mg/L	<= 3	1	<0.005	<0.005	<0.005	1	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	4	7.1	7.3	7.4	4	0
		Total Dissolved Solids	mg/L	<= 600	1	110.0	110.0	110.0	1	0
		True Colour	HU	<= 15	4	<1.0	<1.0	1.0	4	0
		Turbidity	NTU	<= 5	4	0.1	0.2	0.2	4	0
er 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	1	2.0	2.0	2.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	1	51.0	51.0	51.0	N/A	N/A
		Conductivity	µS/cm	N/A	0				N/A	N/A
		Conductivity - Field	µS/cm	N/A	4	168.0	176.0	183.0	N/A	N/A
		Temperature - Field	°C	N/A	4	24.2	25.7	26.5	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: GOLD_COAST

SITE: ROBI

Robina Reservoirs

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	4	0.77	0.79	0.82	4	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	4	1.0	1.1	1.2	4	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	4	1.1	1.2	1.3	4	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	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	1	<0.03	<0.03	<0.03	1	0
		Cadmium	mg/L	<= 0.002	1	<0.0001	<0.0001	<0.0001	1	0
		Chromium	mg/L	<= 0.05	1	<0.001	<0.001	<0.001	1	0
		Copper	mg/L	<= 2	1	<0.001	<0.001	<0.001	1	0
		Lead	mg/L	<= 0.01	1	<0.001	<0.001	<0.001	1	0
		Manganese	mg/L	<= 0.5	1	<0.001	<0.001	<0.001	1	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	1	<0.001	<0.001	<0.001	1	0
		Selenium	mg/L	<= 0.01	0				0	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	4	<1.0	<1.0	<1.0	4	0
	Nutrients	Nitrate	mg/L	<= 50	0				0	0
		Nitrite	mg/L	<= 3	0				0	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	1	80.0	80.0	80.0	1	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	4	13.0	15.0	18.0	4	0
		Hardness	mg/L	<= 200	4	50.0	50.3	51.0	4	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	4	13.0	14.0	15.0	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	19.0	20.3	21.0	4	0
	Metals	Aluminium	mg/L	N/A	1	0.016	0.016	0.016	N/A	N/A
		Copper	mg/L	<= 1	1	<0.001	<0.001	<0.001	1	0
		Iron	mg/L	<= 0.3	1	<0.01	<0.01	<0.01	1	0
		Manganese	mg/L	<= 0.1	1	<0.001	<0.001	<0.001	1	0
		Zinc	mg/L	<= 3	1	<0.005	<0.005	<0.005	1	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	4	6.9	7.0	7.1	4	0
		Total Dissolved Solids	mg/L	<= 600	1	98.0	98.0	98.0	1	0
		True Colour	HU	<= 15	4	<1.0	<1.0	1.0	4	0
		Turbidity	NTU	<= 5	4	<0.1	<0.1	0.1	4	0
er 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	1.3	2.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	1	48.0	48.0	48.0	N/A	N/A
		Conductivity	µS/cm	N/A	0				N/A	N/A
		Conductivity - Field	µS/cm	N/A	4	179.0	183.0	188.0	N/A	N/A
		Temperature - Field	°C	N/A	4	22.6	23.8	24.8	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: GOLD_COAST

SITE: STAP

Stapylton Balance Tank

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	4	0.72	0.78	0.82	4	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	4	1.9	2.2	2.4	4	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	4	2.0	2.3	2.5	4	0
	Disinfection by product	Bromate	mg/L	<= 0.02	0				0	0
		Chlorate	mg/L	<= 0.8	4	0.110	0.125	0.150	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	0				0	0
		Boron	mg/L	<= 4	0				0	0
		Cadmium	mg/L	<= 0.002	1	<0.0001	<0.0001	<0.0001	1	0
		Chromium	mg/L	<= 0.05	1	<0.001	<0.001	<0.001	1	0
		Copper	mg/L	<= 2	1	<0.001	<0.001	<0.001	1	0
		Lead	mg/L	<= 0.01	1	<0.001	<0.001	<0.001	1	0
		Manganese	mg/L	<= 0.5	4	<0.001	<0.001	<0.001	4	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	1	<0.001	<0.001	<0.001	1	0
		Selenium	mg/L	<= 0.01	0				0	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	4	<1.0	<1.0	<1.0	4	0
	Nutrients	Nitrate	mg/L	<= 50	0				0	0
		Nitrite	mg/L	<= 3	0				0	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	1	92.0	92.0	92.0	1	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	1	16.0	16.0	16.0	1	0
		Hardness	mg/L	<= 200	1	49.0	49.0	49.0	1	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	1	16.0	16.0	16.0	1	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	1	22.0	22.0	22.0	1	0
	Metals	Aluminium	mg/L	N/A	1	0.013	0.013	0.013	N/A	N/A
		Copper	mg/L	<= 1	1	<0.001	<0.001	<0.001	1	0
		Iron	mg/L	<= 0.3	4	<0.01	<0.01	<0.01	4	0
		Manganese	mg/L	<= 0.1	4	<0.001	<0.001	<0.001	4	0
		Zinc	mg/L	<= 3	1	<0.005	<0.005	<0.005	1	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	4	7.1	7.2	7.3	4	0
		Total Dissolved Solids	mg/L	<= 600	1	140.0	140.0	140.0	1	0
		True Colour	HU	<= 15	4	<1.0	1.3	5.0	4	0
		Turbidity	NTU	<= 5	4	0.1	0.2	0.3	4	0
er 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	1	2.0	2.0	2.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	1	38.0	38.0	38.0	N/A	N/A
		Conductivity	µS/cm	N/A	0				N/A	N/A
		Conductivity - Field	µS/cm	N/A	4	175.0	185.5	197.0	N/A	N/A
		Temperature - Field	°C	N/A	4	24.0	25.2	26.7	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: GOLD_COAST

SITE: T1T

Tugun Desalination Plant

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	0				0	0
		Fluoride IC	mg/L	<= 1.5	4	0.67	0.79	0.86	4	0
		Free Chlorine - Field	mg/L	<= 5	0				0	0
		Free Chlorine External	mg/L	<= 5	4	0.94	1.10	1.24	4	0
		Total Chlorine - Field	mg/L	<= 5	0				0	0
	Disinfection by product	Bromate	mg/L	<= 0.02	1	<0.005	<0.005	<0.005	1	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	1	<0.0005	<0.0005	<0.0005	1	0
		Boron	mg/L	<= 4	4	1.10	1.15	1.20	4	0
		Cadmium	mg/L	<= 0.002	1	<0.0001	<0.0001	<0.0001	1	0
		Chromium	mg/L	<= 0.05	1	<0.001	<0.001	<0.001	1	0
		Copper	mg/L	<= 2	4	<0.001	<0.001	<0.001	4	0
		Lead	mg/L	<= 0.01	1	<0.001	<0.001	<0.001	1	0
		Manganese	mg/L	<= 0.5	4	<0.001	<0.001	<0.001	4	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	1	<0.001	<0.001	<0.001	1	0
		Selenium	mg/L	<= 0.01	0				0	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	4	<1.0	<1.0	<1.0	4	0
	Nutrients	Nitrate	mg/L	<= 50	0				0	0
		Nitrite	mg/L	<= 3	0				0	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	1	1.6	1.6	1.6	1	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	3	35.0	37.3	41.0	3	0
		Hardness	mg/L	<= 200	4	30.0	39.5	45.0	4	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	4	24.0	26.5	29.0	4	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	0				0	0
	Metals	Aluminium	mg/L	N/A	1	<0.005	<0.005	<0.005	N/A	N/A
		Copper	mg/L	<= 1	4	<0.001	<0.001	<0.001	4	0
		Iron	mg/L	<= 0.3	4	<0.01	<0.01	0.01	4	0
		Manganese	mg/L	<= 0.1	4	<0.001	<0.001	<0.001	4	0
		Zinc	mg/L	<= 3	1	<0.005	<0.005	<0.005	1	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	0				0	0
		Total Dissolved Solids	mg/L	<= 600	0				0	0
		True Colour	HU	<= 15	4	<1.0	<1.0	2.0	4	0
		Turbidity	NTU	<= 5	4	<0.1	0.1	0.2	4	0
er 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	<1.0	1.1	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	0				N/A	N/A
		Conductivity	µS/cm	N/A	0				N/A	N/A
		Conductivity - Field	µS/cm	N/A	0				N/A	N/A
		Temperature - Field	°C	N/A	0				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: GOLD_COAST

SITE: TARR

Tarrant Dr Pump Station

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	4	0.47	0.73	0.84	4	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	4	1.4	1.6	1.7	4	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	4	1.6	1.7	1.7	4	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	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	4	<0.03	<0.03	<0.03	4	0
		Cadmium	mg/L	<= 0.002	1	<0.0001	<0.0001	<0.0001	1	0
		Chromium	mg/L	<= 0.05	1	<0.001	<0.001	<0.001	1	0
		Copper	mg/L	<= 2	1	<0.001	<0.001	<0.001	1	0
		Lead	mg/L	<= 0.01	1	<0.001	<0.001	<0.001	1	0
		Manganese	mg/L	<= 0.5	4	<0.001	<0.001	<0.001	4	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	1	<0.001	<0.001	<0.001	1	0
		Selenium	mg/L	<= 0.01	0				0	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	4	<1.0	<1.0	<1.0	4	0
	Nutrients	Nitrate	mg/L	<= 50	0				0	0
		Nitrite	mg/L	<= 3	0				0	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	1	60.0	60.0	60.0	1	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	1	14.0	14.0	14.0	1	0
		Hardness	mg/L	<= 200	1	49.0	49.0	49.0	1	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	1	13.0	13.0	13.0	1	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	1	20.0	20.0	20.0	1	0
	Metals	Aluminium	mg/L	N/A	1	0.016	0.016	0.016	N/A	N/A
		Copper	mg/L	<= 1	1	<0.001	<0.001	<0.001	1	0
		Iron	mg/L	<= 0.3	4	<0.01	<0.01	<0.01	4	0
		Manganese	mg/L	<= 0.1	4	<0.001	<0.001	<0.001	4	0
		Zinc	mg/L	<= 3	1	<0.005	<0.005	<0.005	1	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	4	7.0	7.1	7.2	4	0
		Total Dissolved Solids	mg/L	<= 600	1	110.0	110.0	110.0	1	0
		True Colour	HU	<= 15	4	<1.0	<1.0	1.0	4	0
		Turbidity	NTU	<= 5	4	0.2	0.5	0.9	4	0
er 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	1	2.0	2.0	2.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	1	44.0	44.0	44.0	N/A	N/A
		Conductivity	µS/cm	N/A	0				N/A	N/A
		Conductivity - Field	µS/cm	N/A	4	173.0	178.5	182.0	N/A	N/A
		Temperature - Field	°C	N/A	4	22.2	23.8	25.2	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: GOLD_COAST

SITE: TMO

Molendinar WTP

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	4	0.79	0.81	0.84	4	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	4	2.0	2.1	2.3	4	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	4	2.2	2.2	2.3	4	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	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	1	<0.0005	<0.0005	<0.0005	1	0
		Boron	mg/L	<= 4	1	<0.03	<0.03	<0.03	1	0
		Cadmium	mg/L	<= 0.002	1	<0.0001	<0.0001	<0.0001	1	0
		Chromium	mg/L	<= 0.05	1	<0.001	<0.001	<0.001	1	0
		Copper	mg/L	<= 2	1	<0.001	<0.001	<0.001	1	0
		Lead	mg/L	<= 0.01	1	<0.001	<0.001	<0.001	1	0
		Manganese	mg/L	<= 0.5	1	<0.001	<0.001	<0.001	1	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	1	<0.001	<0.001	<0.001	1	0
		Selenium	mg/L	<= 0.01	1	<0.002	<0.002	<0.002	1	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	3	<1.0	<1.0	<1.0	3	0
	Nutrients	Nitrate	mg/L	<= 50	0				0	0
		Nitrite	mg/L	<= 3	0				0	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	1	33.0	33.0	33.0	1	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	1	15.0	15.0	15.0	1	0
		Hardness	mg/L	<= 200	1	44.0	44.0	44.0	1	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	1	16.0	16.0	16.0	1	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	1	20.0	20.0	20.0	1	0
	Metals	Aluminium	mg/L	N/A	1	0.018	0.018	0.018	N/A	N/A
		Copper	mg/L	<= 1	1	<0.001	<0.001	<0.001	1	0
		Iron	mg/L	<= 0.3	1	<0.01	<0.01	<0.01	1	0
		Manganese	mg/L	<= 0.1	1	<0.001	<0.001	<0.001	1	0
		Zinc	mg/L	<= 3	1	<0.005	<0.005	<0.005	1	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	4	7.0	7.2	7.3	4	0
		Total Dissolved Solids	mg/L	<= 600	1	110.0	110.0	110.0	1	0
		True Colour	HU	<= 15	1	<1.0	<1.0	<1.0	1	0
		Turbidity	NTU	<= 5	1	0.1	0.1	0.1	1	0
er 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	1	1.0	1.0	1.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	0				N/A	N/A
		Conductivity	µS/cm	N/A	1	180.0	180.0	180.0	N/A	N/A
		Conductivity - Field	µS/cm	N/A	4	168.0	180.0	194.0	N/A	N/A
		Temperature - Field	°C	N/A	4	24.5	26.0	26.9	N/A	N/A
	Taste and Odour	2-Methylisoborneol	ng/L	N/A	2	2.7	3.3	3.9	N/A	N/A
		Geosmin	ng/L	N/A	2	<2.0	<2.0	<2.0	N/A	N/A

ZONE: GOLD_COAST

SITE: TMU

Mudgeeraba WTP

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	5	0.77	0.79	0.83	5	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	4	1.9	2.1	2.2	4	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	4	2.1	2.1	2.2	4	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	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	1	<0.0005	<0.0005	<0.0005	1	0
		Boron	mg/L	<= 4	1	<0.03	<0.03	<0.03	1	0
		Cadmium	mg/L	<= 0.002	1	<0.0001	<0.0001	<0.0001	1	0
		Chromium	mg/L	<= 0.05	1	<0.001	<0.001	<0.001	1	0
		Copper	mg/L	<= 2	1	<0.001	<0.001	<0.001	1	0
		Lead	mg/L	<= 0.01	1	<0.001	<0.001	<0.001	1	0
		Manganese	mg/L	<= 0.5	1	<0.001	<0.001	<0.001	1	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	1	<0.001	<0.001	<0.001	1	0
		Selenium	mg/L	<= 0.01	1	<0.002	<0.002	<0.002	1	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	3	<1.0	<1.0	<1.0	3	0
	Nutrients	Nitrate	mg/L	<= 50	0				0	0
		Nitrite	mg/L	<= 3	0				0	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	1	51.0	51.0	51.0	1	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	1	16.0	16.0	16.0	1	0
		Hardness	mg/L	<= 200	1	49.0	49.0	49.0	1	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	1	14.0	14.0	14.0	1	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	1	23.0	23.0	23.0	1	0
	Metals	Aluminium	mg/L	N/A	1	0.013	0.013	0.013	N/A	N/A
		Copper	mg/L	<= 1	1	<0.001	<0.001	<0.001	1	0
		Iron	mg/L	<= 0.3	1	<0.01	<0.01	<0.01	1	0
		Manganese	mg/L	<= 0.1	1	<0.001	<0.001	<0.001	1	0
		Zinc	mg/L	<= 3	1	<0.005	<0.005	<0.005	1	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	4	7.0	7.1	7.2	4	0
		Total Dissolved Solids	mg/L	<= 600	1	110.0	110.0	110.0	1	0
		True Colour	HU	<= 15	1	1.0	1.0	1.0	1	0
		Turbidity	NTU	<= 5	1	0.2	0.2	0.2	1	0
er 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	1	1.0	1.0	1.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	0				N/A	N/A
		Conductivity	µS/cm	N/A	1	180.0	180.0	180.0	N/A	N/A
		Conductivity - Field	µS/cm	N/A	4	171.0	179.0	184.0	N/A	N/A
		Temperature - Field	°C	N/A	4	22.1	23.8	24.8	N/A	N/A
	Taste and Odour	2-Methylisoborneol	ng/L	N/A	2	4.2	4.5	4.7	N/A	N/A
		Geosmin	ng/L	N/A	2	<2.0	<2.0	<2.0	N/A	N/A

ZONE: LOGAN

SITE: CHAM

Chambers Flat WQMF

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	3	0.72	0.76	0.78	3	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	3	<0.1	<0.1	<0.1	3	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	3	3.5	3.6	3.7	3	0
	Disinfection by product	Bromate	mg/L	<= 0.02	0				0	0
		Chlorate	mg/L	<= 0.8	3	0.190	0.253	0.290	3	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	0				0	0
		Chromium	mg/L	<= 0.05	0				0	0
		Copper	mg/L	<= 2	0				0	0
		Lead	mg/L	<= 0.01	0				0	0
		Manganese	mg/L	<= 0.5	3	<0.001	<0.001	<0.001	3	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	0				0	0
		Selenium	mg/L	<= 0.01	0				0	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	3	<1.0	<1.0	<1.0	3	0
	Nutrients	Nitrate	mg/L	<= 50	3	0.017	0.026	0.038	3	0
		Nitrite	mg/L	<= 3	3	<0.002	0.005	0.016	3	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	0				0	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	0				0	0
		Hardness	mg/L	<= 200	0				0	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	0				0	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	0				0	0
	Metals	Aluminium	mg/L	N/A	0				N/A	N/A
		Copper	mg/L	<= 1	0				0	0
		Iron	mg/L	<= 0.3	3	<0.01	<0.01	<0.01	3	0
		Manganese	mg/L	<= 0.1	3	<0.001	<0.001	<0.001	3	0
		Zinc	mg/L	<= 3	0				0	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	3	7.6	7.8	7.9	3	0
		Total Dissolved Solids	mg/L	<= 600	0				0	0
		True Colour	HU	<= 15	3	<1.0	<1.0	<1.0	3	0
		Turbidity	NTU	<= 5	3	0.1	0.2	0.2	3	0
er 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	0				N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	0				N/A	N/A
		Conductivity	µS/cm	N/A	0				N/A	N/A
		Conductivity - Field	µS/cm	N/A	3	188.0	193.0	197.0	N/A	N/A
		Temperature - Field	°C	N/A	3	24.3	25.6	26.8	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: LOGAN

SITE: GREB

Greenbank Reservoir

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	4	0.41	0.65	0.75	4	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	4	<0.1	<0.1	<0.1	4	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	4	1.0	2.1	2.9	4	0
	Disinfection by product	Bromate	mg/L	<= 0.02	0				0	0
		Chlorate	mg/L	<= 0.8	1	0.140	0.140	0.140	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	0				0	0
		Boron	mg/L	<= 4	0				0	0
		Cadmium	mg/L	<= 0.002	1	<0.0001	<0.0001	<0.0001	1	0
		Chromium	mg/L	<= 0.05	1	<0.001	<0.001	<0.001	1	0
		Copper	mg/L	<= 2	1	<0.001	<0.001	<0.001	1	0
		Lead	mg/L	<= 0.01	1	<0.001	<0.001	<0.001	1	0
		Manganese	mg/L	<= 0.5	4	<0.001	0.002	0.004	4	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	1	<0.001	<0.001	<0.001	1	0
		Selenium	mg/L	<= 0.01	0				0	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	4	<1.0	<1.0	<1.0	4	0
	Nutrients	Nitrate	mg/L	<= 50	1	0.250	0.250	0.250	1	0
		Nitrite	mg/L	<= 3	1	0.024	0.024	0.024	1	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	1	100.0	100.0	100.0	1	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	1	45.0	45.0	45.0	1	0
		Hardness	mg/L	<= 200	1	83.0	83.0	83.0	1	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	1	38.0	38.0	38.0	1	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	1	40.0	40.0	40.0	1	0
	Metals	Aluminium	mg/L	N/A	1	0.033	0.033	0.033	N/A	N/A
		Copper	mg/L	<= 1	1	<0.001	<0.001	<0.001	1	0
		Iron	mg/L	<= 0.3	4	<0.01	0.01	0.04	4	0
		Manganese	mg/L	<= 0.1	4	<0.001	0.002	0.004	4	0
		Zinc	mg/L	<= 3	1	<0.005	<0.005	<0.005	1	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	4	7.6	7.8	7.9	4	0
		Total Dissolved Solids	mg/L	<= 600	1	260.0	260.0	260.0	1	0
		True Colour	HU	<= 15	4	<1.0	<1.0	<1.0	4	0
		Turbidity	NTU	<= 5	4	0.1	0.2	0.2	4	0
er 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	1	3.0	3.0	3.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	1	60.0	60.0	60.0	N/A	N/A
		Conductivity	µS/cm	N/A	0				N/A	N/A
		Conductivity - Field	µS/cm	N/A	4	208.0	276.5	379.0	N/A	N/A
		Temperature - Field	°C	N/A	4	24.3	25.8	27.0	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: LOGAN

SITE: JOHN

John Paul Dr (Daisy Hill)

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	0				0	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	4	<0.1	<0.1	<0.1	4	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	4	0.6	1.0	1.3	4	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	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	0				0	0
		Chromium	mg/L	<= 0.05	0				0	0
		Copper	mg/L	<= 2	0				0	0
		Lead	mg/L	<= 0.01	0				0	0
		Manganese	mg/L	<= 0.5	1	0.008	0.008	0.008	1	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	0				0	0
		Selenium	mg/L	<= 0.01	0				0	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	4	<1.0	<1.0	<1.0	4	0
	Nutrients	Nitrate	mg/L	<= 50	1	0.410	0.410	0.410	1	0
		Nitrite	mg/L	<= 3	1	0.110	0.110	0.110	1	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	1	120.0	120.0	120.0	1	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	0				0	0
		Hardness	mg/L	<= 200	0				0	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	0				0	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	0				0	0
	Metals	Aluminium	mg/L	N/A	1	0.052	0.052	0.052	N/A	N/A
		Copper	mg/L	<= 1	0				0	0
		Iron	mg/L	<= 0.3	1	<0.01	<0.01	<0.01	1	0
		Manganese	mg/L	<= 0.1	1	0.008	0.008	0.008	1	0
		Zinc	mg/L	<= 3	0				0	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	4	7.6	7.7	7.8	4	0
		Total Dissolved Solids	mg/L	<= 600	0				0	0
		True Colour	HU	<= 15	0				0	0
		Turbidity	NTU	<= 5	1	0.6	0.6	0.6	1	0
er 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	0				N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	0				N/A	N/A
		Conductivity	µS/cm	N/A	0				N/A	N/A
		Conductivity - Field	µS/cm	N/A	4	537.0	556.0	566.0	N/A	N/A
		Temperature - Field	°C	N/A	4	26.0	27.2	28.5	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: LOGAN

SITE: KIML

Kimberley Park WQS (LGN)

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	8	0.07	0.59	0.79	8	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	8	<0.1	<0.1	<0.1	8	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	8	0.2	0.9	2.0	8	0
	Disinfection by product	Bromate	mg/L	<= 0.02	0				0	0
		Chlorate	mg/L	<= 0.8	2	0.096	0.103	0.110	2	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	2	<0.0001	<0.0001	<0.0001	2	0
		Chromium	mg/L	<= 0.05	2	<0.001	<0.001	<0.001	2	0
		Copper	mg/L	<= 2	2	<0.001	<0.001	<0.001	2	0
		Lead	mg/L	<= 0.01	2	<0.001	<0.001	<0.001	2	0
		Manganese	mg/L	<= 0.5	8	0.006	0.008	0.010	8	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	2	<0.001	<0.001	<0.001	2	0
		Selenium	mg/L	<= 0.01	0				0	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	8	<1.0	<1.0	<1.0	8	0
	Nutrients	Nitrate	mg/L	<= 50	2	0.300	0.380	0.460	2	0
		Nitrite	mg/L	<= 3	2	0.080	0.180	0.280	2	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	2	110.0	120.0	130.0	2	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	2	69.0	69.0	69.0	2	0
		Hardness	mg/L	<= 200	2	110.0	115.0	120.0	2	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	2	55.0	55.0	55.0	2	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	2	60.0	62.0	64.0	2	0
	Metals	Aluminium	mg/L	N/A	2	0.051	0.055	0.058	N/A	N/A
		Copper	mg/L	<= 1	2	<0.001	<0.001	<0.001	2	0
		Iron	mg/L	<= 0.3	8	<0.01	<0.01	<0.01	8	0
		Manganese	mg/L	<= 0.1	8	0.006	0.008	0.010	8	0
		Zinc	mg/L	<= 3	2	<0.005	<0.005	<0.005	2	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	8	7.6	7.7	7.8	8	0
		Total Dissolved Solids	mg/L	<= 600	2	280.0	290.0	300.0	2	0
		True Colour	HU	<= 15	8	<1.0	<1.0	1.0	8	0
		Turbidity	NTU	<= 5	8	0.3	0.3	0.5	8	0
er 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	2	4.0	4.0	4.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	2	71.0	74.0	77.0	N/A	N/A
		Conductivity	µS/cm	N/A	0				N/A	N/A
		Conductivity - Field	µS/cm	N/A	8	530.0	556.1	574.0	N/A	N/A
		Temperature - Field	°C	N/A	8	26.0	27.4	29.2	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: LOGAN

SITE: KURA

Kuraby Reservoir

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	4	0.05	0.59	0.82	4	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	4	<0.1	<0.1	<0.1	4	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	4	3.2	3.3	3.4	4	0
	Disinfection by product	Bromate	mg/L	<= 0.02	0				0	0
		Chlorate	mg/L	<= 0.8	1	0.099	0.099	0.099	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	0				0	0
		Boron	mg/L	<= 4	0				0	0
		Cadmium	mg/L	<= 0.002	1	<0.0001	<0.0001	<0.0001	1	0
		Chromium	mg/L	<= 0.05	1	<0.001	<0.001	<0.001	1	0
		Copper	mg/L	<= 2	1	<0.001	<0.001	<0.001	1	0
		Lead	mg/L	<= 0.01	1	<0.001	<0.001	<0.001	1	0
		Manganese	mg/L	<= 0.5	4	0.006	0.007	0.009	4	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	1	<0.001	<0.001	<0.001	1	0
		Selenium	mg/L	<= 0.01	0				0	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	4	<1.0	<1.0	<1.0	4	0
	Nutrients	Nitrate	mg/L	<= 50	1	0.070	0.070	0.070	1	0
		Nitrite	mg/L	<= 3	1	0.005	0.005	0.005	1	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	1	140.0	140.0	140.0	1	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	1	70.0	70.0	70.0	1	0
		Hardness	mg/L	<= 200	1	120.0	120.0	120.0	1	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	1	53.0	53.0	53.0	1	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	1	59.0	59.0	59.0	1	0
	Metals	Aluminium	mg/L	N/A	1	0.048	0.048	0.048	N/A	N/A
		Copper	mg/L	<= 1	1	<0.001	<0.001	<0.001	1	0
		Iron	mg/L	<= 0.3	4	<0.01	<0.01	<0.01	4	0
		Manganese	mg/L	<= 0.1	4	0.006	0.007	0.009	4	0
		Zinc	mg/L	<= 3	1	<0.005	<0.005	<0.005	1	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	4	7.7	7.8	7.9	4	0
		Total Dissolved Solids	mg/L	<= 600	1	340.0	340.0	340.0	1	0
		True Colour	HU	<= 15	4	<1.0	<1.0	<1.0	4	0
		Turbidity	NTU	<= 5	4	0.2	0.4	0.5	4	0
er 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	1	4.0	4.0	4.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	1	83.0	83.0	83.0	N/A	N/A
		Conductivity	µS/cm	N/A	0				N/A	N/A
		Conductivity - Field	µS/cm	N/A	4	523.0	549.5	600.0	N/A	N/A
		Temperature - Field	°C	N/A	4	25.6	27.3	29.2	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: LOGAN

SITE: WEMB

Wembley Rd (Logan Central)

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	0				0	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	4	<0.1	<0.1	0.1	4	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	4	2.6	2.9	3.0	4	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	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	0				0	0
		Chromium	mg/L	<= 0.05	0				0	0
		Copper	mg/L	<= 2	0				0	0
		Lead	mg/L	<= 0.01	0				0	0
		Manganese	mg/L	<= 0.5	1	0.010	0.010	0.010	1	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	0				0	0
		Selenium	mg/L	<= 0.01	0				0	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	4	<1.0	<1.0	<1.0	4	0
	Nutrients	Nitrate	mg/L	<= 50	1	0.096	0.096	0.096	1	0
		Nitrite	mg/L	<= 3	1	0.011	0.011	0.011	1	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	1	130.0	130.0	130.0	1	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	0				0	0
		Hardness	mg/L	<= 200	0				0	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	0				0	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	0				0	0
	Metals	Aluminium	mg/L	N/A	1	0.060	0.060	0.060	N/A	N/A
		Copper	mg/L	<= 1	0				0	0
		Iron	mg/L	<= 0.3	1	<0.01	<0.01	<0.01	1	0
		Manganese	mg/L	<= 0.1	1	0.010	0.010	0.010	1	0
		Zinc	mg/L	<= 3	0				0	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	4	7.8	7.9	8.0	4	0
		Total Dissolved Solids	mg/L	<= 600	0				0	0
		True Colour	HU	<= 15	0				0	0
		Turbidity	NTU	<= 5	1	0.3	0.3	0.3	1	0
er 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	0				N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	0				N/A	N/A
		Conductivity	µS/cm	N/A	0				N/A	N/A
		Conductivity - Field	µS/cm	N/A	4	540.0	560.0	585.0	N/A	N/A
		Temperature - Field	°C	N/A	4	26.2	27.5	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

SITE: GYMP

Gympie Rd (Bald Hills)

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	0				0	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	4	<0.1	<0.1	<0.1	4	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	4	3.2	3.6	3.8	4	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	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	0				0	0
		Chromium	mg/L	<= 0.05	0				0	0
		Copper	mg/L	<= 2	0				0	0
		Lead	mg/L	<= 0.01	0				0	0
		Manganese	mg/L	<= 0.5	1	0.007	0.007	0.007	1	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	0				0	0
		Selenium	mg/L	<= 0.01	0				0	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	4	<1.0	<1.0	<1.0	4	0
	Nutrients	Nitrate	mg/L	<= 50	1	<0.002	<0.002	<0.002	1	0
		Nitrite	mg/L	<= 3	1	<0.002	<0.002	<0.002	1	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	1	75.0	75.0	75.0	1	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	0				0	0
		Hardness	mg/L	<= 200	0				0	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	0				0	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	0				0	0
	Metals	Aluminium	mg/L	N/A	1	0.024	0.024	0.024	N/A	N/A
		Copper	mg/L	<= 1	0				0	0
		Iron	mg/L	<= 0.3	1	0.01	0.01	0.01	1	0
		Manganese	mg/L	<= 0.1	1	0.007	0.007	0.007	1	0
		Zinc	mg/L	<= 3	0				0	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	4	7.8	7.8	7.9	4	0
		Total Dissolved Solids	mg/L	<= 600	0				0	0
		True Colour	HU	<= 15	0				0	0
		Turbidity	NTU	<= 5	1	0.3	0.3	0.3	1	0
er 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	0				N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	0				N/A	N/A
		Conductivity	µS/cm	N/A	0				N/A	N/A
		Conductivity - Field	µS/cm	N/A	4	280.0	423.8	581.0	N/A	N/A
		Temperature - Field	°C	N/A	4	25.1	26.1	26.6	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

SITE: MORA

Morayfield Pump Station

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	4	<0.05	0.62	0.88	4	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	4	<0.1	<0.1	<0.1	4	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	4	3.0	3.2	3.3	4	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	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	0				0	0
		Chromium	mg/L	<= 0.05	0				0	0
		Copper	mg/L	<= 2	1	0.001	0.001	0.001	1	0
		Lead	mg/L	<= 0.01	1	<0.001	<0.001	<0.001	1	0
		Manganese	mg/L	<= 0.5	4	<0.001	0.034	0.084	4	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	0				0	0
		Selenium	mg/L	<= 0.01	0				0	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	4	<1.0	<1.0	<1.0	4	0
	Nutrients	Nitrate	mg/L	<= 50	1	0.160	0.160	0.160	1	0
		Nitrite	mg/L	<= 3	1	0.003	0.003	0.003	1	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	1	32.0	32.0	32.0	1	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	0				0	0
		Hardness	mg/L	<= 200	1	57.0	57.0	57.0	1	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	1	11.0	11.0	11.0	1	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	0				0	0
	Metals	Aluminium	mg/L	N/A	1	<0.005	<0.005	<0.005	N/A	N/A
		Copper	mg/L	<= 1	1	0.001	0.001	0.001	1	0
		Iron	mg/L	<= 0.3	4	<0.01	0.11	0.29	4	0
		Manganese	mg/L	<= 0.1	4	<0.001	0.034	0.084	4	0
		Zinc	mg/L	<= 3	0				0	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	4	7.1	7.6	7.8	4	0
		Total Dissolved Solids	mg/L	<= 600	1	140.0	140.0	140.0	1	0
		True Colour	HU	<= 15	4	<1.0	1.3	3.0	4	0
		Turbidity	NTU	<= 5	4	0.5	1.6	3.1	4	0
er 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	1	1.0	1.0	1.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	1	35.0	35.0	35.0	N/A	N/A
		Conductivity	µS/cm	N/A	0				N/A	N/A
		Conductivity - Field	µS/cm	N/A	4	184.0	238.3	279.0	N/A	N/A
		Temperature - Field	°C	N/A	4	25.4	26.2	26.8	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

SITE: NARA

Narangba Reservoir & Pump Station

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	4	0.81	0.86	0.90	4	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	4	<0.1	<0.1	<0.1	4	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	4	0.8	1.8	3.2	4	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	0				0	0
		Boron	mg/L	<= 4	0				0	0
		Cadmium	mg/L	<= 0.002	1	<0.0001	<0.0001	<0.0001	1	0
		Chromium	mg/L	<= 0.05	1	<0.001	<0.001	<0.001	1	0
		Copper	mg/L	<= 2	1	<0.001	<0.001	<0.001	1	0
		Lead	mg/L	<= 0.01	1	<0.001	<0.001	<0.001	1	0
		Manganese	mg/L	<= 0.5	4	0.002	0.004	0.007	4	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	1	<0.001	<0.001	<0.001	1	0
		Selenium	mg/L	<= 0.01	0				0	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	4	<1.0	<1.0	<1.0	4	0
	Nutrients	Nitrate	mg/L	<= 50	1	0.420	0.420	0.420	1	0
		Nitrite	mg/L	<= 3	1	0.047	0.047	0.047	1	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	1	78.0	78.0	78.0	1	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	1	23.0	23.0	23.0	1	0
		Hardness	mg/L	<= 200	1	56.0	56.0	56.0	1	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	1	31.0	31.0	31.0	1	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	1	42.0	42.0	42.0	1	0
	Metals	Aluminium	mg/L	N/A	1	0.017	0.017	0.017	N/A	N/A
		Copper	mg/L	<= 1	1	<0.001	<0.001	<0.001	1	0
		Iron	mg/L	<= 0.3	4	<0.01	0.01	0.01	4	0
		Manganese	mg/L	<= 0.1	4	0.002	0.004	0.007	4	0
		Zinc	mg/L	<= 3	1	<0.005	<0.005	<0.005	1	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	4	7.3	7.5	7.8	4	0
		Total Dissolved Solids	mg/L	<= 600	1	190.0	190.0	190.0	1	0
		True Colour	HU	<= 15	4	<1.0	<1.0	1.0	4	0
		Turbidity	NTU	<= 5	4	0.1	0.3	0.4	4	0
er 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	1	2.0	2.0	2.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	1	42.0	42.0	42.0	N/A	N/A
		Conductivity	µS/cm	N/A	0				N/A	N/A
		Conductivity - Field	µS/cm	N/A	4	237.0	265.5	286.0	N/A	N/A
		Temperature - Field	°C	N/A	4	25.1	25.8	26.7	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

SITE: TDY

Dayboro WTP

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	4	0.82	0.86	0.88	4	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	4	1.0	1.1	1.2	4	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	4	1.2	1.3	1.3	4	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	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	1	<0.0005	<0.0005	<0.0005	1	0
		Boron	mg/L	<= 4	1	<0.03	<0.03	<0.03	1	0
		Cadmium	mg/L	<= 0.002	1	<0.0001	<0.0001	<0.0001	1	0
		Chromium	mg/L	<= 0.05	1	<0.001	<0.001	<0.001	1	0
		Copper	mg/L	<= 2	1	<0.001	<0.001	<0.001	1	0
		Lead	mg/L	<= 0.01	1	<0.001	<0.001	<0.001	1	0
		Manganese	mg/L	<= 0.5	1	<0.001	<0.001	<0.001	1	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	1	<0.001	<0.001	<0.001	1	0
		Selenium	mg/L	<= 0.01	1	<0.002	<0.002	<0.002	1	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	4	<1.0	<1.0	<1.0	4	0
	Nutrients	Nitrate	mg/L	<= 50	0				0	0
		Nitrite	mg/L	<= 3	0				0	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	1	28.0	28.0	28.0	1	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	1	22.0	22.0	22.0	1	0
		Hardness	mg/L	<= 200	1	53.0	53.0	53.0	1	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	1	24.0	24.0	24.0	1	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	1	6.0	6.0	6.0	1	0
	Metals	Aluminium	mg/L	N/A	1	0.023	0.023	0.023	N/A	N/A
		Copper	mg/L	<= 1	1	<0.001	<0.001	<0.001	1	0
		Iron	mg/L	<= 0.3	1	0.01	0.01	0.01	1	0
		Manganese	mg/L	<= 0.1	1	<0.001	<0.001	<0.001	1	0
		Zinc	mg/L	<= 3	1	<0.005	<0.005	<0.005	1	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	4	6.9	7.0	7.1	4	0
		Total Dissolved Solids	mg/L	<= 600	1	150.0	150.0	150.0	1	0
		True Colour	HU	<= 15	1	2.0	2.0	2.0	1	0
		Turbidity	NTU	<= 5	1	0.2	0.2	0.2	1	0
er 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	1	1.0	1.0	1.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	0				N/A	N/A
		Conductivity	µS/cm	N/A	1	230.0	230.0	230.0	N/A	N/A
		Conductivity - Field	µS/cm	N/A	4	218.0	232.3	240.0	N/A	N/A
		Temperature - Field	°C	N/A	4	23.7	25.5	26.7	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

SITE: TNP

North Pine WTP

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	4	0.84	0.87	0.92	4	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	4	<0.1	<0.1	<0.1	4	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	4	3.7	3.9	4.0	4	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	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	1	0.0008	0.0008	0.0008	1	0
		Boron	mg/L	<= 4	1	<0.03	<0.03	<0.03	1	0
		Cadmium	mg/L	<= 0.002	1	<0.0001	<0.0001	<0.0001	1	0
		Chromium	mg/L	<= 0.05	1	<0.001	<0.001	<0.001	1	0
		Copper	mg/L	<= 2	1	<0.001	<0.001	<0.001	1	0
		Lead	mg/L	<= 0.01	1	<0.001	<0.001	<0.001	1	0
		Manganese	mg/L	<= 0.5	1	0.002	0.002	0.002	1	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	1	<0.001	<0.001	<0.001	1	0
		Selenium	mg/L	<= 0.01	1	<0.002	<0.002	<0.002	1	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	4	<1.0	<1.0	<1.0	4	0
	Nutrients	Nitrate	mg/L	<= 50	0				0	0
		Nitrite	mg/L	<= 3	0				0	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	1	78.0	78.0	78.0	1	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	1	23.0	23.0	23.0	1	0
		Hardness	mg/L	<= 200	1	48.0	48.0	48.0	1	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	1	28.0	28.0	28.0	1	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	1	44.0	44.0	44.0	1	0
	Metals	Aluminium	mg/L	N/A	1	0.014	0.014	0.014	N/A	N/A
		Copper	mg/L	<= 1	1	<0.001	<0.001	<0.001	1	0
		Iron	mg/L	<= 0.3	1	<0.01	<0.01	<0.01	1	0
		Manganese	mg/L	<= 0.1	1	0.002	0.002	0.002	1	0
		Zinc	mg/L	<= 3	1	<0.005	<0.005	<0.005	1	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	4	7.5	7.8	8.2	4	0
		Total Dissolved Solids	mg/L	<= 600	1	150.0	150.0	150.0	1	0
		True Colour	HU	<= 15	1	1.0	1.0	1.0	1	0
		Turbidity	NTU	<= 5	1	0.2	0.2	0.2	1	0
er 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	1	2.0	2.0	2.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	0				N/A	N/A
		Conductivity	µS/cm	N/A	1	260.0	260.0	260.0	N/A	N/A
		Conductivity - Field	µS/cm	N/A	4	237.0	260.3	280.0	N/A	N/A
		Temperature - Field	°C	N/A	4	25.4	25.8	26.1	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

SITE: ALEX

Alexandra Hills Reservoirs

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	8	0.43	0.65	0.81	8	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	8	0.9	1.4	1.8	8	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	8	1.0	1.6	2.0	8	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	0				0	0
		Boron	mg/L	<= 4	0				0	0
		Cadmium	mg/L	<= 0.002	2	<0.0001	<0.0001	<0.0001	2	0
		Chromium	mg/L	<= 0.05	2	<0.001	<0.001	<0.001	2	0
		Copper	mg/L	<= 2	2	<0.001	<0.001	<0.001	2	0
		Lead	mg/L	<= 0.01	2	<0.001	<0.001	<0.001	2	0
		Manganese	mg/L	<= 0.5	8	0.004	0.005	0.005	8	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	2	<0.001	<0.001	<0.001	2	0
		Selenium	mg/L	<= 0.01	0				0	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	8	<1.0	<1.0	<1.0	8	0
	Nutrients	Nitrate	mg/L	<= 50	0				0	0
		Nitrite	mg/L	<= 3	0				0	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	2	140.0	140.0	140.0	2	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	2	57.0	58.0	59.0	2	0
		Hardness	mg/L	<= 200	2	90.0	90.5	91.0	2	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	2	44.0	45.0	46.0	2	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	2	52.0	53.5	55.0	2	0
	Metals	Aluminium	mg/L	N/A	2	0.040	0.041	0.041	N/A	N/A
		Copper	mg/L	<= 1	2	<0.001	<0.001	<0.001	2	0
		Iron	mg/L	<= 0.3	8	<0.01	<0.01	0.01	8	0
		Manganese	mg/L	<= 0.1	8	0.004	0.005	0.005	8	0
		Zinc	mg/L	<= 3	2	<0.005	<0.005	<0.005	2	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	8	7.2	7.3	7.5	8	0
		Total Dissolved Solids	mg/L	<= 600	2	240.0	260.0	280.0	2	0
		True Colour	HU	<= 15	8	<1.0	<1.0	<1.0	8	0
		Turbidity	NTU	<= 5	8	0.2	0.3	0.4	8	0
er 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	2	3.0	3.0	3.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	2	57.0	58.0	59.0	N/A	N/A
		Conductivity	µS/cm	N/A	0				N/A	N/A
		Conductivity - Field	µS/cm	N/A	8	377.0	431.8	465.0	N/A	N/A
		Temperature - Field	°C	N/A	8	24.6	25.8	26.9	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: REDLAND

SITE: HEIR

Heinemann Rd Reservoir (RED)

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	8	0.43	0.69	0.86	8	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	8	0.9	1.2	1.5	8	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	8	1.0	1.3	1.7	8	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	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	2	<0.0001	<0.0001	<0.0001	2	0
		Chromium	mg/L	<= 0.05	2	<0.001	<0.001	<0.001	2	0
		Copper	mg/L	<= 2	2	<0.001	<0.001	<0.001	2	0
		Lead	mg/L	<= 0.01	2	<0.001	<0.001	<0.001	2	0
		Manganese	mg/L	<= 0.5	8	0.004	0.005	0.006	8	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	2	<0.001	<0.001	<0.001	2	0
		Selenium	mg/L	<= 0.01	0				0	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	8	<1.0	<1.0	<1.0	8	0
	Nutrients	Nitrate	mg/L	<= 50	0				0	0
		Nitrite	mg/L	<= 3	0				0	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	2	74.0	97.0	120.0	2	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	2	44.0	49.5	55.0	2	0
		Hardness	mg/L	<= 200	2	79.0	83.0	87.0	2	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	2	33.0	38.5	44.0	2	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	2	30.0	38.5	47.0	2	0
	Metals	Aluminium	mg/L	N/A	2	0.049	0.051	0.052	N/A	N/A
		Copper	mg/L	<= 1	2	<0.001	<0.001	<0.001	2	0
		Iron	mg/L	<= 0.3	8	<0.01	0.01	0.02	8	0
		Manganese	mg/L	<= 0.1	8	0.004	0.005	0.006	8	0
		Zinc	mg/L	<= 3	2	<0.005	<0.005	<0.005	2	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	8	7.1	7.3	7.4	8	0
		Total Dissolved Solids	mg/L	<= 600	2	220.0	245.0	270.0	2	0
		True Colour	HU	<= 15	8	<1.0	<1.0	1.0	8	0
		Turbidity	NTU	<= 5	8	0.3	0.4	0.6	8	0
er 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	2	2.0	2.5	3.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	2	55.0	55.5	56.0	N/A	N/A
		Conductivity	µS/cm	N/A	0				N/A	N/A
		Conductivity - Field	µS/cm	N/A	8	317.0	396.0	463.0	N/A	N/A
		Temperature - Field	°C	N/A	8	23.6	25.0	26.0	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: REDLAND

SITE: MTCO

Mt Cotton Reservoir

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	4	0.53	0.71	0.84	4	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	4	0.8	0.9	0.9	4	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	4	0.9	1.0	1.0	4	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	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	1	<0.0001	<0.0001	<0.0001	1	0
		Chromium	mg/L	<= 0.05	1	<0.001	<0.001	<0.001	1	0
		Copper	mg/L	<= 2	1	<0.001	<0.001	<0.001	1	0
		Lead	mg/L	<= 0.01	1	<0.001	<0.001	<0.001	1	0
		Manganese	mg/L	<= 0.5	4	0.004	0.005	0.006	4	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	1	<0.001	<0.001	<0.001	1	0
		Selenium	mg/L	<= 0.01	0				0	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	4	<1.0	<1.0	<1.0	4	0
	Nutrients	Nitrate	mg/L	<= 50	0				0	0
		Nitrite	mg/L	<= 3	0				0	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	1	89.0	89.0	89.0	1	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	1	45.0	45.0	45.0	1	0
		Hardness	mg/L	<= 200	1	78.0	78.0	78.0	1	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	1	34.0	34.0	34.0	1	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	1	33.0	33.0	33.0	1	0
	Metals	Aluminium	mg/L	N/A	1	0.050	0.050	0.050	N/A	N/A
		Copper	mg/L	<= 1	1	<0.001	<0.001	<0.001	1	0
		Iron	mg/L	<= 0.3	4	<0.01	0.01	0.01	4	0
		Manganese	mg/L	<= 0.1	4	0.004	0.005	0.006	4	0
		Zinc	mg/L	<= 3	1	<0.005	<0.005	<0.005	1	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	4	7.1	7.2	7.3	4	0
		Total Dissolved Solids	mg/L	<= 600	1	230.0	230.0	230.0	1	0
		True Colour	HU	<= 15	4	<1.0	<1.0	<1.0	4	0
		Turbidity	NTU	<= 5	4	0.4	0.4	0.4	4	0
er 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	1	2.0	2.0	2.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	1	56.0	56.0	56.0	N/A	N/A
		Conductivity	µS/cm	N/A	0				N/A	N/A
		Conductivity - Field	µS/cm	N/A	4	312.0	344.3	359.0	N/A	N/A
		Temperature - Field	°C	N/A	4	23.5	24.6	25.5	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: REDLAND

SITE: TAP

Amity Point WTP

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	5	0.76	0.81	0.84	5	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	4	1.4	1.5	1.5	4	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	4	1.4	1.5	1.5	4	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	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	1	<0.0005	<0.0005	<0.0005	1	0
		Boron	mg/L	<= 4	1	<0.03	<0.03	<0.03	1	0
		Cadmium	mg/L	<= 0.002	1	<0.0001	<0.0001	<0.0001	1	0
		Chromium	mg/L	<= 0.05	1	<0.001	<0.001	<0.001	1	0
		Copper	mg/L	<= 2	1	0.002	0.002	0.002	1	0
		Lead	mg/L	<= 0.01	1	<0.001	<0.001	<0.001	1	0
		Manganese	mg/L	<= 0.5	1	<0.001	<0.001	<0.001	1	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	1	<0.001	<0.001	<0.001	1	0
		Selenium	mg/L	<= 0.01	1	<0.002	<0.002	<0.002	1	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	4	<1.0	<1.0	<1.0	4	0
	Nutrients	Nitrate	mg/L	<= 50	0				0	0
		Nitrite	mg/L	<= 3	0				0	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	1	<1.0	<1.0	<1.0	1	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	1	33.0	33.0	33.0	1	0
		Hardness	mg/L	<= 200	1	36.0	36.0	36.0	1	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	1	20.0	20.0	20.0	1	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	1	4.0	4.0	4.0	1	0
	Metals	Aluminium	mg/L	N/A	1	0.030	0.030	0.030	N/A	N/A
		Copper	mg/L	<= 1	1	0.002	0.002	0.002	1	0
		Iron	mg/L	<= 0.3	1	0.01	0.01	0.01	1	0
		Manganese	mg/L	<= 0.1	1	<0.001	<0.001	<0.001	1	0
		Zinc	mg/L	<= 3	1	<0.005	<0.005	<0.005	1	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	4	7.3	7.4	7.4	4	0
		Total Dissolved Solids	mg/L	<= 600	1	91.0	91.0	91.0	1	0
		True Colour	HU	<= 15	1	<1.0	<1.0	<1.0	1	0
		Turbidity	NTU	<= 5	1	0.3	0.3	0.3	1	0
er 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	1	<1.0	<1.0	<1.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	0				N/A	N/A
		Conductivity	µS/cm	N/A	1	180.0	180.0	180.0	N/A	N/A
		Conductivity - Field	µS/cm	N/A	4	170.0	184.3	194.0	N/A	N/A
		Temperature - Field	°C	N/A	4	22.7	23.3	23.8	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: REDLAND

SITE: TCP

Capalaba WTP

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	5	0.84	0.87	0.91	5	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	4	1.4	1.6	1.8	4	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	4	1.7	1.8	2.0	4	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	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	1	<0.0005	<0.0005	<0.0005	1	0
		Boron	mg/L	<= 4	1	<0.03	<0.03	<0.03	1	0
		Cadmium	mg/L	<= 0.002	1	<0.0001	<0.0001	<0.0001	1	0
		Chromium	mg/L	<= 0.05	1	<0.001	<0.001	<0.001	1	0
		Copper	mg/L	<= 2	1	<0.001	<0.001	<0.001	1	0
		Lead	mg/L	<= 0.01	1	<0.001	<0.001	<0.001	1	0
		Manganese	mg/L	<= 0.5	1	<0.001	<0.001	<0.001	1	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	1	<0.001	<0.001	<0.001	1	0
		Selenium	mg/L	<= 0.01	1	<0.002	<0.002	<0.002	1	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	4	<1.0	<1.0	<1.0	4	0
	Nutrients	Nitrate	mg/L	<= 50	0				0	0
		Nitrite	mg/L	<= 3	0				0	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	4	170.0	172.5	180.0	4	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	1	48.0	48.0	48.0	1	0
		Hardness	mg/L	<= 200	1	150.0	150.0	150.0	1	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	1	24.0	24.0	24.0	1	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	1	100.0	100.0	100.0	1	0
	Metals	Aluminium	mg/L	N/A	1	0.031	0.031	0.031	N/A	N/A
		Copper	mg/L	<= 1	1	<0.001	<0.001	<0.001	1	0
		Iron	mg/L	<= 0.3	1	<0.01	<0.01	<0.01	1	0
		Manganese	mg/L	<= 0.1	1	<0.001	<0.001	<0.001	1	0
		Zinc	mg/L	<= 3	1	<0.005	<0.005	<0.005	1	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	4	7.0	7.1	7.4	4	0
		Total Dissolved Solids	mg/L	<= 600	1	340.0	340.0	340.0	1	0
		True Colour	HU	<= 15	1	<1.0	<1.0	<1.0	1	0
		Turbidity	NTU	<= 5	1	0.1	0.1	0.1	1	0
er 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	1	3.0	3.0	3.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	0				N/A	N/A
		Conductivity	µS/cm	N/A	1	460.0	460.0	460.0	N/A	N/A
		Conductivity - Field	µS/cm	N/A	4	447.0	464.5	480.0	N/A	N/A
		Temperature - Field	°C	N/A	4	24.4	26.7	28.0	N/A	N/A
	Taste and Odour	2-Methylisoborneol	ng/L	N/A	2	2.4	9.4	16.4	N/A	N/A
		Geosmin	ng/L	N/A	2	<2.0	<2.0	<2.0	N/A	N/A

ZONE: REDLAND

SITE: TDU

Dunwich WTP

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	5	0.81	0.84	0.86	5	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	4	1.7	1.8	1.9	4	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	4	1.7	1.8	1.9	4	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	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	1	<0.0005	<0.0005	<0.0005	1	0
		Boron	mg/L	<= 4	1	<0.03	<0.03	<0.03	1	0
		Cadmium	mg/L	<= 0.002	1	<0.0001	<0.0001	<0.0001	1	0
		Chromium	mg/L	<= 0.05	1	<0.001	<0.001	<0.001	1	0
		Copper	mg/L	<= 2	1	0.009	0.009	0.009	1	0
		Lead	mg/L	<= 0.01	1	<0.001	<0.001	<0.001	1	0
		Manganese	mg/L	<= 0.5	1	<0.001	<0.001	<0.001	1	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	1	<0.001	<0.001	<0.001	1	0
		Selenium	mg/L	<= 0.01	1	<0.002	<0.002	<0.002	1	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	4	<1.0	<1.0	<1.0	4	0
	Nutrients	Nitrate	mg/L	<= 50	0				0	0
		Nitrite	mg/L	<= 3	0				0	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	1	1.0	1.0	1.0	1	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	1	22.0	22.0	22.0	1	0
		Hardness	mg/L	<= 200	1	24.0	24.0	24.0	1	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	1	13.0	13.0	13.0	1	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	1	2.0	2.0	2.0	1	0
	Metals	Aluminium	mg/L	N/A	1	<0.005	<0.005	<0.005	N/A	N/A
		Copper	mg/L	<= 1	1	0.009	0.009	0.009	1	0
		Iron	mg/L	<= 0.3	1	<0.01	<0.01	<0.01	1	0
		Manganese	mg/L	<= 0.1	1	<0.001	<0.001	<0.001	1	0
		Zinc	mg/L	<= 3	1	<0.005	<0.005	<0.005	1	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	4	6.8	7.0	7.1	4	0
		Total Dissolved Solids	mg/L	<= 600	1	67.0	67.0	67.0	1	0
		True Colour	HU	<= 15	1	<1.0	<1.0	<1.0	1	0
		Turbidity	NTU	<= 5	1	0.2	0.2	0.2	1	0
er 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	1	<1.0	<1.0	<1.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	0				N/A	N/A
		Conductivity	µS/cm	N/A	1	130.0	130.0	130.0	N/A	N/A
		Conductivity - Field	µS/cm	N/A	4	118.0	119.5	121.0	N/A	N/A
		Temperature - Field	°C	N/A	4	22.1	23.0	23.9	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: REDLAND

SITE: TNS

North Stradbroke Island WTP

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	5	0.86	0.88	0.93	5	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	4	1.2	1.2	1.3	4	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	4	1.2	1.2	1.3	4	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	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	1	<0.0005	<0.0005	<0.0005	1	0
		Boron	mg/L	<= 4	1	<0.03	<0.03	<0.03	1	0
		Cadmium	mg/L	<= 0.002	1	<0.0001	<0.0001	<0.0001	1	0
		Chromium	mg/L	<= 0.05	1	<0.001	<0.001	<0.001	1	0
		Copper	mg/L	<= 2	1	<0.001	<0.001	<0.001	1	0
		Lead	mg/L	<= 0.01	1	<0.001	<0.001	<0.001	1	0
		Manganese	mg/L	<= 0.5	1	0.006	0.006	0.006	1	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	1	<0.001	<0.001	<0.001	1	0
		Selenium	mg/L	<= 0.01	1	<0.002	<0.002	<0.002	1	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	4	<1.0	<1.0	<1.0	4	0
	Nutrients	Nitrate	mg/L	<= 50	0				0	0
		Nitrite	mg/L	<= 3	0				0	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	1	<1.0	<1.0	<1.0	1	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	1	24.0	24.0	24.0	1	0
		Hardness	mg/L	<= 200	1	58.0	58.0	58.0	1	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	1	13.0	13.0	13.0	1	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	1	3.2	3.2	3.2	1	0
	Metals	Aluminium	mg/L	N/A	1	0.072	0.072	0.072	N/A	N/A
		Copper	mg/L	<= 1	1	<0.001	<0.001	<0.001	1	0
		Iron	mg/L	<= 0.3	1	0.02	0.02	0.02	1	0
		Manganese	mg/L	<= 0.1	1	0.006	0.006	0.006	1	0
		Zinc	mg/L	<= 3	1	<0.005	<0.005	<0.005	1	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	4	6.9	7.1	7.2	4	0
		Total Dissolved Solids	mg/L	<= 600	1	180.0	180.0	180.0	1	0
		True Colour	HU	<= 15	1	<1.0	<1.0	<1.0	1	0
		Turbidity	NTU	<= 5	1	0.5	0.5	0.5	1	0
er 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	1	<1.0	<1.0	<1.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	0				N/A	N/A
		Conductivity	µS/cm	N/A	1	190.0	190.0	190.0	N/A	N/A
		Conductivity - Field	µS/cm	N/A	4	175.0	184.8	192.0	N/A	N/A
		Temperature - Field	°C	N/A	4	22.4	23.2	23.9	N/A	N/A
	Taste and Odour	2-Methylisoborneol	ng/L	N/A	2	<2.0	<2.0	<2.0	N/A	N/A
		Geosmin	ng/L	N/A	2	<2.0	<2.0	<2.0	N/A	N/A

ZONE: REDLAND

SITE: TPL

Point Lookout WTP

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	5	0.78	0.83	0.86	5	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	4	1.4	1.4	1.4	4	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	4	1.4	1.4	1.4	4	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	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	1	<0.0005	<0.0005	<0.0005	1	0
		Boron	mg/L	<= 4	1	<0.03	<0.03	<0.03	1	0
		Cadmium	mg/L	<= 0.002	1	<0.0001	<0.0001	<0.0001	1	0
		Chromium	mg/L	<= 0.05	1	<0.001	<0.001	<0.001	1	0
		Copper	mg/L	<= 2	1	0.003	0.003	0.003	1	0
		Lead	mg/L	<= 0.01	1	<0.001	<0.001	<0.001	1	0
		Manganese	mg/L	<= 0.5	1	<0.001	<0.001	<0.001	1	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	1	<0.001	<0.001	<0.001	1	0
		Selenium	mg/L	<= 0.01	1	<0.002	<0.002	<0.002	1	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	4	<1.0	<1.0	<1.0	4	0
	Nutrients	Nitrate	mg/L	<= 50	0				0	0
		Nitrite	mg/L	<= 3	0				0	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	1	2.0	2.0	2.0	1	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	1	53.0	53.0	53.0	1	0
		Hardness	mg/L	<= 200	1	25.0	25.0	25.0	1	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	1	27.0	27.0	27.0	1	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	1	6.0	6.0	6.0	1	0
	Metals	Aluminium	mg/L	N/A	1	0.016	0.016	0.016	N/A	N/A
		Copper	mg/L	<= 1	1	0.003	0.003	0.003	1	0
		Iron	mg/L	<= 0.3	1	<0.01	<0.01	<0.01	1	0
		Manganese	mg/L	<= 0.1	1	<0.001	<0.001	<0.001	1	0
		Zinc	mg/L	<= 3	1	<0.005	<0.005	<0.005	1	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	4	6.9	7.0	7.1	4	0
		Total Dissolved Solids	mg/L	<= 600	1	140.0	140.0	140.0	1	0
		True Colour	HU	<= 15	1	<1.0	<1.0	<1.0	1	0
		Turbidity	NTU	<= 5	1	0.2	0.2	0.2	1	0
er 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	1	<1.0	<1.0	<1.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	0				N/A	N/A
		Conductivity	µS/cm	N/A	1	220.0	220.0	220.0	N/A	N/A
		Conductivity - Field	µS/cm	N/A	4	208.0	213.3	216.0	N/A	N/A
		Temperature - Field	°C	N/A	4	22.5	23.4	24.2	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: SCENIC_RIM

SITE: TBE

Beaudesert WTP

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	4	0.65	0.75	0.85	4	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	4	<0.1	<0.1	<0.1	4	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	4	3.0	3.2	3.5	4	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	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	1	<0.0005	<0.0005	<0.0005	1	0
		Boron	mg/L	<= 4	1	<0.03	<0.03	<0.03	1	0
		Cadmium	mg/L	<= 0.002	1	<0.0001	<0.0001	<0.0001	1	0
		Chromium	mg/L	<= 0.05	1	<0.001	<0.001	<0.001	1	0
		Copper	mg/L	<= 2	1	<0.001	<0.001	<0.001	1	0
		Lead	mg/L	<= 0.01	1	<0.001	<0.001	<0.001	1	0
		Manganese	mg/L	<= 0.5	1	<0.001	<0.001	<0.001	1	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	1	<0.001	<0.001	<0.001	1	0
		Selenium	mg/L	<= 0.01	1	<0.002	<0.002	<0.002	1	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	4	<1.0	<1.0	<1.0	4	0
	Nutrients	Nitrate	mg/L	<= 50	0				0	0
		Nitrite	mg/L	<= 3	0				0	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	4	67.0	85.0	96.0	4	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	1	94.0	94.0	94.0	1	0
		Hardness	mg/L	<= 200	4	110.0	150.0	170.0	4	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	1	66.0	66.0	66.0	1	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	1	70.0	70.0	70.0	1	0
	Metals	Aluminium	mg/L	N/A	1	0.041	0.041	0.041	N/A	N/A
		Copper	mg/L	<= 1	1	<0.001	<0.001	<0.001	1	0
		Iron	mg/L	<= 0.3	1	<0.01	<0.01	<0.01	1	0
		Manganese	mg/L	<= 0.1	1	<0.001	<0.001	<0.001	1	0
		Zinc	mg/L	<= 3	1	<0.005	<0.005	<0.005	1	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	4	7.6	7.8	8.0	4	0
		Total Dissolved Solids	mg/L	<= 600	1	380.0	380.0	380.0	1	0
		True Colour	HU	<= 15	1	<1.0	<1.0	<1.0	1	0
		Turbidity	NTU	<= 5	1	<0.1	<0.1	<0.1	1	0
er 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	1	2.0	2.0	2.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	0				N/A	N/A
		Conductivity	µS/cm	N/A	1	370.0	370.0	370.0	N/A	N/A
		Conductivity - Field	µS/cm	N/A	4	473.0	604.5	668.0	N/A	N/A
		Temperature - Field	°C	N/A	4	23.2	25.9	28.1	N/A	N/A
	Taste and Odour	2-Methylisoborneol	ng/L	N/A	2	<2.0	<2.0	<2.0	N/A	N/A
		Geosmin	ng/L	N/A	2	<2.0	<2.0	<2.0	N/A	N/A

ZONE: SCENIC_RIM

SITE: TBK

Boonah-Kalbar WTP

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	4	0.76	0.83	0.86	4	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	4	2.6	2.9	3.1	4	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	4	2.8	3.1	3.3	4	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	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	1	<0.0005	<0.0005	<0.0005	1	0
		Boron	mg/L	<= 4	1	<0.03	<0.03	<0.03	1	0
		Cadmium	mg/L	<= 0.002	1	<0.0001	<0.0001	<0.0001	1	0
		Chromium	mg/L	<= 0.05	1	<0.001	<0.001	<0.001	1	0
		Copper	mg/L	<= 2	1	<0.001	<0.001	<0.001	1	0
		Lead	mg/L	<= 0.01	1	<0.001	<0.001	<0.001	1	0
		Manganese	mg/L	<= 0.5	1	<0.001	<0.001	<0.001	1	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	1	<0.001	<0.001	<0.001	1	0
		Selenium	mg/L	<= 0.01	1	<0.002	<0.002	<0.002	1	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	4	<1.0	<1.0	<1.0	4	0
	Nutrients	Nitrate	mg/L	<= 50	0				0	0
		Nitrite	mg/L	<= 3	0				0	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	1	72.0	72.0	72.0	1	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	4	53.0	63.8	88.0	4	0
		Hardness	mg/L	<= 200	1	95.0	95.0	95.0	1	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	4	45.0	50.5	60.0	4	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	1	44.0	44.0	44.0	1	0
	Metals	Aluminium	mg/L	N/A	1	0.035	0.035	0.035	N/A	N/A
		Copper	mg/L	<= 1	1	<0.001	<0.001	<0.001	1	0
		Iron	mg/L	<= 0.3	1	<0.01	<0.01	<0.01	1	0
		Manganese	mg/L	<= 0.1	1	<0.001	<0.001	<0.001	1	0
		Zinc	mg/L	<= 3	1	<0.005	<0.005	<0.005	1	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	4	7.1	7.1	7.1	4	0
		Total Dissolved Solids	mg/L	<= 600	1	260.0	260.0	260.0	1	0
		True Colour	HU	<= 15	1	<1.0	<1.0	<1.0	1	0
		Turbidity	NTU	<= 5	1	0.2	0.2	0.2	1	0
er 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	1	3.0	3.0	3.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	0				N/A	N/A
		Conductivity	µS/cm	N/A	1	420.0	420.0	420.0	N/A	N/A
		Conductivity - Field	µS/cm	N/A	4	429.0	469.5	552.0	N/A	N/A
		Temperature - Field	°C	N/A	4	22.3	24.2	25.5	N/A	N/A
	Taste and Odour	2-Methylisoborneol	ng/L	N/A	2	<2.0	<2.0	<2.0	N/A	N/A
		Geosmin	ng/L	N/A	2	<2.0	<2.0	2.2	N/A	N/A

ZONE: SCENIC_RIM

SITE: TCN

Canungra WTP

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	4	0.84	0.84	0.84	4	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	4	2.5	2.8	3.0	4	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	4	2.5	2.9	3.2	4	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	1	<0.0005	<0.0005	<0.0005	1	0
		Boron	mg/L	<= 4	1	<0.03	<0.03	<0.03	1	0
		Cadmium	mg/L	<= 0.002	1	<0.0001	<0.0001	<0.0001	1	0
		Chromium	mg/L	<= 0.05	1	<0.001	<0.001	<0.001	1	0
		Copper	mg/L	<= 2	1	<0.001	<0.001	<0.001	1	0
		Lead	mg/L	<= 0.01	1	<0.001	<0.001	<0.001	1	0
		Manganese	mg/L	<= 0.5	1	0.003	0.003	0.003	1	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	1	<0.001	<0.001	<0.001	1	0
		Selenium	mg/L	<= 0.01	1	<0.002	<0.002	<0.002	1	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	4	<1.0	<1.0	<1.0	4	0
	Nutrients	Nitrate	mg/L	<= 50	0				0	0
		Nitrite	mg/L	<= 3	0				0	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	1	37.0	37.0	37.0	1	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	1	26.0	26.0	26.0	1	0
		Hardness	mg/L	<= 200	1	58.0	58.0	58.0	1	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	1	17.0	17.0	17.0	1	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	1	2.0	2.0	2.0	1	0
	Metals	Aluminium	mg/L	N/A	1	<0.005	<0.005	<0.005	N/A	N/A
		Copper	mg/L	<= 1	1	<0.001	<0.001	<0.001	1	0
		Iron	mg/L	<= 0.3	1	<0.01	<0.01	<0.01	1	0
		Manganese	mg/L	<= 0.1	1	0.003	0.003	0.003	1	0
		Zinc	mg/L	<= 3	1	<0.005	<0.005	<0.005	1	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	4	7.6	7.7	7.8	4	0
		Total Dissolved Solids	mg/L	<= 600	1	120.0	120.0	120.0	1	0
		True Colour	HU	<= 15	1	<1.0	<1.0	<1.0	1	0
		Turbidity	NTU	<= 5	1	<0.1	<0.1	<0.1	1	0
er 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	1	<1.0	<1.0	<1.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	0				N/A	N/A
		Conductivity	µS/cm	N/A	1	200.0	200.0	200.0	N/A	N/A
		Conductivity - Field	µS/cm	N/A	4	195.0	207.5	228.0	N/A	N/A
		Temperature - Field	°C	N/A	4	22.9	25.6	28.2	N/A	N/A
	Taste and Odour	2-Methylisoborneol	ng/L	N/A	2	2.1	2.2	2.2	N/A	N/A
		Geosmin	ng/L	N/A	2	<2.0	<2.0	<2.0	N/A	N/A

ZONE: SCENIC_RIM

SITE: TKO

Kooralbyn WTP

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	4	0.80	0.83	0.85	4	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	4	2.1	2.5	2.7	4	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	4	2.2	2.6	2.7	4	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	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	1	<0.0005	<0.0005	<0.0005	1	0
		Boron	mg/L	<= 4	1	<0.03	<0.03	<0.03	1	0
		Cadmium	mg/L	<= 0.002	1	<0.0001	<0.0001	<0.0001	1	0
		Chromium	mg/L	<= 0.05	1	<0.001	<0.001	<0.001	1	0
		Copper	mg/L	<= 2	1	<0.001	<0.001	<0.001	1	0
		Lead	mg/L	<= 0.01	1	<0.001	<0.001	<0.001	1	0
		Manganese	mg/L	<= 0.5	1	0.001	0.001	0.001	1	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	1	<0.001	<0.001	<0.001	1	0
		Selenium	mg/L	<= 0.01	1	<0.002	<0.002	<0.002	1	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	4	<1.0	<1.0	<1.0	4	0
	Nutrients	Nitrate	mg/L	<= 50	0				0	0
		Nitrite	mg/L	<= 3	0				0	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	1	39.0	39.0	39.0	1	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	1	85.0	85.0	85.0	1	0
		Hardness	mg/L	<= 200	4	140.0	145.0	150.0	4	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	1	47.0	47.0	47.0	1	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	1	59.0	59.0	59.0	1	0
	Metals	Aluminium	mg/L	N/A	1	0.033	0.033	0.033	N/A	N/A
		Copper	mg/L	<= 1	1	<0.001	<0.001	<0.001	1	0
		Iron	mg/L	<= 0.3	1	<0.01	<0.01	<0.01	1	0
		Manganese	mg/L	<= 0.1	1	0.001	0.001	0.001	1	0
		Zinc	mg/L	<= 3	1	<0.005	<0.005	<0.005	1	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	4	7.3	7.4	7.4	4	0
		Total Dissolved Solids	mg/L	<= 600	1	340.0	340.0	340.0	1	0
		True Colour	HU	<= 15	1	<1.0	<1.0	<1.0	1	0
		Turbidity	NTU	<= 5	1	0.2	0.2	0.2	1	0
er 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	1	2.0	2.0	2.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	0				N/A	N/A
		Conductivity	µS/cm	N/A	1	560.0	560.0	560.0	N/A	N/A
		Conductivity - Field	µS/cm	N/A	4	530.0	544.5	569.0	N/A	N/A
		Temperature - Field	°C	N/A	4	23.5	25.8	28.3	N/A	N/A
	Taste and Odour	2-Methylisoborneol	ng/L	N/A	2	<2.0	<2.0	<2.0	N/A	N/A
		Geosmin	ng/L	N/A	2	<2.0	<2.0	<2.0	N/A	N/A

ZONE: SCENIC_RIM

SITE: TRA

Rathdowney WTP

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	0				0	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	4	2.2	2.3	2.4	4	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	4	2.3	2.4	2.6	4	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	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	1	<0.0005	<0.0005	<0.0005	1	0
		Boron	mg/L	<= 4	1	<0.03	<0.03	<0.03	1	0
		Cadmium	mg/L	<= 0.002	1	<0.0001	<0.0001	<0.0001	1	0
		Chromium	mg/L	<= 0.05	1	<0.001	<0.001	<0.001	1	0
		Copper	mg/L	<= 2	1	<0.001	<0.001	<0.001	1	0
		Lead	mg/L	<= 0.01	1	<0.001	<0.001	<0.001	1	0
		Manganese	mg/L	<= 0.5	1	<0.001	<0.001	<0.001	1	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	1	<0.001	<0.001	<0.001	1	0
		Selenium	mg/L	<= 0.01	1	<0.002	<0.002	<0.002	1	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	4	<1.0	<1.0	<1.0	4	0
	Nutrients	Nitrate	mg/L	<= 50	0				0	0
		Nitrite	mg/L	<= 3	0				0	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	1	68.0	68.0	68.0	1	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	4	91.0	123.3	180.0	4	0
		Hardness	mg/L	<= 200	4	130.0	167.5	220.0	3	1
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	1	77.0	77.0	77.0	1	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	1	25.0	25.0	25.0	1	0
	Metals	Aluminium	mg/L	N/A	1	0.008	0.008	0.008	N/A	N/A
		Copper	mg/L	<= 1	1	<0.001	<0.001	<0.001	1	0
		Iron	mg/L	<= 0.3	1	<0.01	<0.01	<0.01	1	0
		Manganese	mg/L	<= 0.1	1	<0.001	<0.001	<0.001	1	0
		Zinc	mg/L	<= 3	1	<0.005	<0.005	<0.005	1	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	4	7.3	7.5	7.6	4	0
		Total Dissolved Solids	mg/L	<= 600	1	450.0	450.0	450.0	1	0
		True Colour	HU	<= 15	1	3.0	3.0	3.0	1	0
		Turbidity	NTU	<= 5	1	0.1	0.1	0.1	1	0
er 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	1	3.0	3.0	3.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	0				N/A	N/A
		Conductivity	µS/cm	N/A	1	430.0	430.0	430.0	N/A	N/A
		Conductivity - Field	µS/cm	N/A	4	544.0	701.5	929.0	N/A	N/A
		Temperature - Field	°C	N/A	4	22.9	25.2	26.3	N/A	N/A
	Taste and Odour	2-Methylisoborneol	ng/L	N/A	2	<2.0	<2.0	<2.0	N/A	N/A
		Geosmin	ng/L	N/A	2	<2.0	<2.0	<2.0	N/A	N/A

ZONE: SOMERSET

SITE: TES

Esk WTP

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	4	0.86	0.87	0.89	4	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	4	2.1	2.2	2.4	4	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	4	2.3	2.4	2.5	4	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	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	1	<0.0005	<0.0005	<0.0005	1	0
		Boron	mg/L	<= 4	1	<0.03	<0.03	<0.03	1	0
		Cadmium	mg/L	<= 0.002	1	<0.0001	<0.0001	<0.0001	1	0
		Chromium	mg/L	<= 0.05	1	<0.001	<0.001	<0.001	1	0
		Copper	mg/L	<= 2	1	<0.001	<0.001	<0.001	1	0
		Lead	mg/L	<= 0.01	1	<0.001	<0.001	<0.001	1	0
		Manganese	mg/L	<= 0.5	1	<0.001	<0.001	<0.001	1	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	1	<0.001	<0.001	<0.001	1	0
		Selenium	mg/L	<= 0.01	1	<0.002	<0.002	<0.002	1	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	4	<1.0	<1.0	<1.0	4	0
	Nutrients	Nitrate	mg/L	<= 50	0				0	0
		Nitrite	mg/L	<= 3	0				0	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	1	61.0	61.0	61.0	1	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	1	62.0	62.0	62.0	1	0
		Hardness	mg/L	<= 200	1	110.0	110.0	110.0	1	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	1	40.0	40.0	40.0	1	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	1	79.0	79.0	79.0	1	0
	Metals	Aluminium	mg/L	N/A	1	0.052	0.052	0.052	N/A	N/A
		Copper	mg/L	<= 1	1	<0.001	<0.001	<0.001	1	0
		Iron	mg/L	<= 0.3	1	<0.01	<0.01	<0.01	1	0
		Manganese	mg/L	<= 0.1	1	<0.001	<0.001	<0.001	1	0
		Zinc	mg/L	<= 3	1	<0.005	<0.005	<0.005	1	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	4	7.0	7.2	7.2	4	0
		Total Dissolved Solids	mg/L	<= 600	1	270.0	270.0	270.0	1	0
		True Colour	HU	<= 15	1	<1.0	<1.0	<1.0	1	0
		Turbidity	NTU	<= 5	1	0.1	0.1	0.1	1	0
er 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	1	3.0	3.0	3.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	0				N/A	N/A
		Conductivity	µS/cm	N/A	1	260.0	260.0	260.0	N/A	N/A
		Conductivity - Field	µS/cm	N/A	4	435.0	450.3	477.0	N/A	N/A
		Temperature - Field	°C	N/A	4	23.8	25.9	26.7	N/A	N/A
	Taste and Odour	2-Methylisoborneol	ng/L	N/A	2	<2.0	<2.0	2.4	N/A	N/A
		Geosmin	ng/L	N/A	2	<2.0	<2.0	<2.0	N/A	N/A

ZONE: SOMERSET

SITE: TJI

Jimna WTP

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	0				0	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	4	1.6	1.9	2.2	4	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	4	1.7	2.0	2.3	4	0
	Disinfection by product	Bromate	mg/L	<= 0.02	0				0	0
		Chlorate	mg/L	<= 0.8	4	0.180	0.213	0.270	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	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	1	<0.0005	<0.0005	<0.0005	1	0
		Boron	mg/L	<= 4	1	<0.03	<0.03	<0.03	1	0
		Cadmium	mg/L	<= 0.002	1	<0.0001	<0.0001	<0.0001	1	0
		Chromium	mg/L	<= 0.05	1	<0.001	<0.001	<0.001	1	0
		Copper	mg/L	<= 2	1	<0.001	<0.001	<0.001	1	0
		Lead	mg/L	<= 0.01	1	<0.001	<0.001	<0.001	1	0
		Manganese	mg/L	<= 0.5	1	0.001	0.001	0.001	1	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	1	<0.001	<0.001	<0.001	1	0
		Selenium	mg/L	<= 0.01	1	<0.002	<0.002	<0.002	1	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	4	<1.0	<1.0	<1.0	4	0
	Nutrients	Nitrate	mg/L	<= 50	0				0	0
		Nitrite	mg/L	<= 3	0				0	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	4	64.0	79.5	90.0	4	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	1	32.0	32.0	32.0	1	0
		Hardness	mg/L	<= 200	1	44.0	44.0	44.0	1	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	1	66.0	66.0	66.0	1	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	1	75.0	75.0	75.0	1	0
	Metals	Aluminium	mg/L	N/A	1	0.017	0.017	0.017	N/A	N/A
		Copper	mg/L	<= 1	1	<0.001	<0.001	<0.001	1	0
		Iron	mg/L	<= 0.3	1	<0.01	<0.01	<0.01	1	0
		Manganese	mg/L	<= 0.1	1	0.001	0.001	0.001	1	0
		Zinc	mg/L	<= 3	1	<0.005	<0.005	<0.005	1	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	4	7.3	7.4	7.5	4	0
		Total Dissolved Solids	mg/L	<= 600	1	250.0	250.0	250.0	1	0
		True Colour	HU	<= 15	1	<1.0	<1.0	<1.0	1	0
		Turbidity	NTU	<= 5	1	0.1	0.1	0.1	1	0
er 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	1	2.0	2.0	2.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	0				N/A	N/A
		Conductivity	µS/cm	N/A	1	240.0	240.0	240.0	N/A	N/A
		Conductivity - Field	µS/cm	N/A	4	411.0	426.3	469.0	N/A	N/A
		Temperature - Field	°C	N/A	4	22.0	23.7	24.8	N/A	N/A
	Taste and Odour	2-Methylisoborneol	ng/L	N/A	2	<2.0	<2.0	<2.0	N/A	N/A
		Geosmin	ng/L	N/A	2	<2.0	<2.0	2.0	N/A	N/A

ZONE: SOMERSET

SITE: TKY

Kilcoy WTP

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	4	0.79	0.84	0.90	4	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	4	2.6	2.7	2.8	4	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	4	2.8	2.9	3.0	4	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	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	1	<0.0005	<0.0005	<0.0005	1	0
		Boron	mg/L	<= 4	1	<0.03	<0.03	<0.03	1	0
		Cadmium	mg/L	<= 0.002	1	<0.0001	<0.0001	<0.0001	1	0
		Chromium	mg/L	<= 0.05	1	<0.001	<0.001	<0.001	1	0
		Copper	mg/L	<= 2	1	<0.001	<0.001	<0.001	1	0
		Lead	mg/L	<= 0.01	1	<0.001	<0.001	<0.001	1	0
		Manganese	mg/L	<= 0.5	1	<0.001	<0.001	<0.001	1	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	1	<0.001	<0.001	<0.001	1	0
		Selenium	mg/L	<= 0.01	1	<0.002	<0.002	<0.002	1	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	4	<1.0	<1.0	<1.0	4	0
	Nutrients	Nitrate	mg/L	<= 50	0				0	0
		Nitrite	mg/L	<= 3	0				0	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	4	55.0	58.3	62.0	4	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	1	30.0	30.0	30.0	1	0
		Hardness	mg/L	<= 200	1	85.0	85.0	85.0	1	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	1	32.0	32.0	32.0	1	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	1	94.0	94.0	94.0	1	0
	Metals	Aluminium	mg/L	N/A	1	0.012	0.012	0.012	N/A	N/A
		Copper	mg/L	<= 1	1	<0.001	<0.001	<0.001	1	0
		Iron	mg/L	<= 0.3	1	<0.01	<0.01	<0.01	1	0
		Manganese	mg/L	<= 0.1	1	<0.001	<0.001	<0.001	1	0
		Zinc	mg/L	<= 3	1	<0.005	<0.005	<0.005	1	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	4	7.2	7.3	7.3	4	0
		Total Dissolved Solids	mg/L	<= 600	1	260.0	260.0	260.0	1	0
		True Colour	HU	<= 15	1	<1.0	<1.0	<1.0	1	0
		Turbidity	NTU	<= 5	1	0.1	0.1	0.1	1	0
er 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	1	2.0	2.0	2.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	0				N/A	N/A
		Conductivity	µS/cm	N/A	1	210.0	210.0	210.0	N/A	N/A
		Conductivity - Field	µS/cm	N/A	4	334.0	344.0	353.0	N/A	N/A
		Temperature - Field	°C	N/A	4	24.2	26.1	27.7	N/A	N/A
	Taste and Odour	2-Methylisoborneol	ng/L	N/A	4	3.3	4.9	5.6	N/A	N/A
		Geosmin	ng/L	N/A	4	<2.0	<2.0	2.6	N/A	N/A

ZONE: SOMERSET

SITE: TLI

Linville WTP

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	0				0	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	8	1.9	2.6	2.8	8	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	8	2.0	2.7	2.9	8	0
	Disinfection by product	Bromate	mg/L	<= 0.02	4	0.009	0.012	0.014	4	0
		Chlorate	mg/L	<= 0.8	4	0.047	0.049	0.053	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	1	<0.0005	<0.0005	<0.0005	1	0
		Boron	mg/L	<= 4	1	<0.03	<0.03	<0.03	1	0
		Cadmium	mg/L	<= 0.002	1	<0.0001	<0.0001	<0.0001	1	0
		Chromium	mg/L	<= 0.05	1	<0.001	<0.001	<0.001	1	0
		Copper	mg/L	<= 2	1	<0.001	<0.001	<0.001	1	0
		Lead	mg/L	<= 0.01	1	<0.001	<0.001	<0.001	1	0
		Manganese	mg/L	<= 0.5	1	0.002	0.002	0.002	1	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	1	<0.001	<0.001	<0.001	1	0
		Selenium	mg/L	<= 0.01	1	<0.002	<0.002	<0.002	1	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	8	<1.0	<1.0	<1.0	8	0
	Nutrients	Nitrate	mg/L	<= 50	0				0	0
		Nitrite	mg/L	<= 3	0				0	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	2	31.0	37.5	44.0	2	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	1	130.0	130.0	130.0	1	0
		Hardness	mg/L	<= 200	4	180.0	185.0	190.0	4	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	1	80.0	80.0	80.0	1	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	1	7.7	7.7	7.7	1	0
	Metals	Aluminium	mg/L	N/A	1	<0.005	<0.005	<0.005	N/A	N/A
		Copper	mg/L	<= 1	1	<0.001	<0.001	<0.001	1	0
		Iron	mg/L	<= 0.3	1	<0.01	<0.01	<0.01	1	0
		Manganese	mg/L	<= 0.1	1	0.002	0.002	0.002	1	0
		Zinc	mg/L	<= 3	1	<0.005	<0.005	<0.005	1	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	8	7.2	7.3	7.6	8	0
		Total Dissolved Solids	mg/L	<= 600	1	450.0	450.0	450.0	1	0
		True Colour	HU	<= 15	2	<1.0	<1.0	<1.0	2	0
		Turbidity	NTU	<= 5	5	0.1	0.1	0.2	5	0
er 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	1	2.0	2.0	2.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	0				N/A	N/A
		Conductivity	µS/cm	N/A	1	440.0	440.0	440.0	N/A	N/A
		Conductivity - Field	µS/cm	N/A	4	766.0	777.0	785.0	N/A	N/A
		Temperature - Field	°C	N/A	8	24.3	25.7	26.7	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: SOMERSET

SITE: TLO

Lowood WTP

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	4	0.78	0.83	0.88	4	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	4	2.7	3.1	3.5	4	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	4	3.0	3.4	3.7	4	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	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	1	<0.0005	<0.0005	<0.0005	1	0
		Boron	mg/L	<= 4	1	<0.03	<0.03	<0.03	1	0
		Cadmium	mg/L	<= 0.002	1	<0.0001	<0.0001	<0.0001	1	0
		Chromium	mg/L	<= 0.05	1	<0.001	<0.001	<0.001	1	0
		Copper	mg/L	<= 2	1	0.005	0.005	0.005	1	0
		Lead	mg/L	<= 0.01	1	<0.001	<0.001	<0.001	1	0
		Manganese	mg/L	<= 0.5	1	0.002	0.002	0.002	1	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	1	<0.001	<0.001	<0.001	1	0
		Selenium	mg/L	<= 0.01	1	<0.002	<0.002	<0.002	1	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	4	<1.0	<1.0	<1.0	4	0
	Nutrients	Nitrate	mg/L	<= 50	0				0	0
		Nitrite	mg/L	<= 3	0				0	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	4	55.0	64.5	72.0	4	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	1	73.0	73.0	73.0	1	0
		Hardness	mg/L	<= 200	4	140.0	142.5	150.0	4	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	1	36.0	36.0	36.0	1	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	1	57.0	57.0	57.0	1	0
	Metals	Aluminium	mg/L	N/A	1	0.025	0.025	0.025	N/A	N/A
		Copper	mg/L	<= 1	1	0.005	0.005	0.005	1	0
		Iron	mg/L	<= 0.3	1	<0.01	<0.01	<0.01	1	0
		Manganese	mg/L	<= 0.1	1	0.002	0.002	0.002	1	0
		Zinc	mg/L	<= 3	1	<0.005	<0.005	<0.005	1	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	4	7.0	7.0	7.0	4	0
		Total Dissolved Solids	mg/L	<= 600	1	320.0	320.0	320.0	1	0
		True Colour	HU	<= 15	1	13.0	13.0	13.0	1	0
		Turbidity	NTU	<= 5	1	0.3	0.3	0.3	1	0
er 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	1	4.0	4.0	4.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	0				N/A	N/A
		Conductivity	µS/cm	N/A	1	280.0	280.0	280.0	N/A	N/A
		Conductivity - Field	µS/cm	N/A	4	263.0	420.5	486.0	N/A	N/A
		Temperature - Field	°C	N/A	4	24.1	26.1	26.9	N/A	N/A
	Taste and Odour	2-Methylisoborneol	ng/L	N/A	2	4.4	4.5	4.6	N/A	N/A
		Geosmin	ng/L	N/A	2	<2.0	<2.0	<2.0	N/A	N/A

ZONE: SOMERSET

SITE: TST

Somerset Dam WTP

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	0				0	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	4	1.5	1.7	1.8	4	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	4	1.8	1.9	2.0	4	0
	Disinfection by product	Bromate	mg/L	<= 0.02	0				0	0
		Chlorate	mg/L	<= 0.8	4	0.200	0.240	0.260	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	1	<0.0005	<0.0005	<0.0005	1	0
		Boron	mg/L	<= 4	1	<0.03	<0.03	<0.03	1	0
		Cadmium	mg/L	<= 0.002	1	<0.0001	<0.0001	<0.0001	1	0
		Chromium	mg/L	<= 0.05	1	<0.001	<0.001	<0.001	1	0
		Copper	mg/L	<= 2	1	<0.001	<0.001	<0.001	1	0
		Lead	mg/L	<= 0.01	1	<0.001	<0.001	<0.001	1	0
		Manganese	mg/L	<= 0.5	1	0.006	0.006	0.006	1	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	1	<0.001	<0.001	<0.001	1	0
		Selenium	mg/L	<= 0.01	1	<0.002	<0.002	<0.002	1	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	4	<1.0	<1.0	<1.0	4	0
	Nutrients	Nitrate	mg/L	<= 50	0				0	0
		Nitrite	mg/L	<= 3	0				0	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	1	100.0	100.0	100.0	1	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	1	44.0	44.0	44.0	1	0
		Hardness	mg/L	<= 200	1	66.0	66.0	66.0	1	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	1	34.0	34.0	34.0	1	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	1	33.0	33.0	33.0	1	0
	Metals	Aluminium	mg/L	N/A	1	0.012	0.012	0.012	N/A	N/A
		Copper	mg/L	<= 1	1	<0.001	<0.001	<0.001	1	0
		Iron	mg/L	<= 0.3	1	<0.01	<0.01	<0.01	1	0
		Manganese	mg/L	<= 0.1	1	0.006	0.006	0.006	1	0
		Zinc	mg/L	<= 3	1	<0.005	<0.005	<0.005	1	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	4	7.0	7.1	7.1	4	0
		Total Dissolved Solids	mg/L	<= 600	1	190.0	190.0	190.0	1	0
		True Colour	HU	<= 15	1	<1.0	<1.0	<1.0	1	0
		Turbidity	NTU	<= 5	1	0.1	0.1	0.1	1	0
er 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	1	2.0	2.0	2.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	0				N/A	N/A
		Conductivity	µS/cm	N/A	1	190.0	190.0	190.0	N/A	N/A
		Conductivity - Field	µS/cm	N/A	4	288.0	303.8	318.0	N/A	N/A
		Temperature - Field	°C	N/A	4	23.8	26.1	27.5	N/A	N/A
	Taste and Odour	2-Methylisoborneol	ng/L	N/A	2	2.4	3.1	3.8	N/A	N/A
		Geosmin	ng/L	N/A	2	<2.0	<2.0	<2.0	N/A	N/A

ZONE: SUNSHINE_COAST

SITE: CALO

Caloundra St (Landsborough) WQMF

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	3	<0.05	0.59	0.91	3	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	3	<0.1	1.1	1.7	3	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	3	2.0	2.6	3.5	3	0
	Disinfection by product	Bromate	mg/L	<= 0.02	0				0	0
		Chlorate	mg/L	<= 0.8	3	0.110	0.223	0.380	3	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	1	<0.0001	<0.0001	<0.0001	1	0
		Chromium	mg/L	<= 0.05	1	<0.001	<0.001	<0.001	1	0
		Copper	mg/L	<= 2	1	<0.001	<0.001	<0.001	1	0
		Lead	mg/L	<= 0.01	1	<0.001	<0.001	<0.001	1	0
		Manganese	mg/L	<= 0.5	3	<0.001	0.002	0.005	3	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	1	<0.001	<0.001	<0.001	1	0
		Selenium	mg/L	<= 0.01	0				0	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	3	<1.0	<1.0	<1.0	3	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	1	29.0	29.0	29.0	1	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	1	17.0	17.0	17.0	1	0
		Hardness	mg/L	<= 200	3	48.0	54.0	58.0	3	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	3	11.0	26.0	37.0	3	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	1	22.0	22.0	22.0	1	0
	Metals	Aluminium	mg/L	N/A	1	<0.005	<0.005	<0.005	N/A	N/A
		Copper	mg/L	<= 1	1	<0.001	<0.001	<0.001	1	0
		Iron	mg/L	<= 0.3	3	<0.01	<0.01	<0.01	3	0
		Manganese	mg/L	<= 0.1	3	<0.001	0.002	0.005	3	0
		Zinc	mg/L	<= 3	1	<0.005	<0.005	<0.005	1	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	3	7.1	7.5	8.1	3	0
		Total Dissolved Solids	mg/L	<= 600	1	120.0	120.0	120.0	1	0
		True Colour	HU	<= 15	3	<1.0	<1.0	<1.0	3	0
		Turbidity	NTU	<= 5	3	0.2	0.2	0.2	3	0
er 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	3	1.0	1.0	1.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	1	35.0	35.0	35.0	N/A	N/A
		Conductivity	µS/cm	N/A	0				N/A	N/A
		Conductivity - Field	µS/cm	N/A	3	186.0	251.0	303.0	N/A	N/A
		Temperature - Field	°C	N/A	3	25.0	25.6	26.4	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: SUNSHINE_COAST

SITE: EUDL Eudlo Pump Station

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	4	<0.05	0.33	0.84	4	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	4	1.0	1.2	1.3	4	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	4	1.1	1.4	1.5	4	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	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	1	<0.0001	<0.0001	<0.0001	1	0
		Chromium	mg/L	<= 0.05	1	<0.001	<0.001	<0.001	1	0
		Copper	mg/L	<= 2	1	<0.001	<0.001	<0.001	1	0
		Lead	mg/L	<= 0.01	1	<0.001	<0.001	<0.001	1	0
		Manganese	mg/L	<= 0.5	4	<0.001	0.002	0.006	4	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	1	<0.001	<0.001	<0.001	1	0
		Selenium	mg/L	<= 0.01	0				0	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	4	<1.0	<1.0	<1.0	4	0
	Nutrients	Nitrate	mg/L	<= 50	0				0	0
		Nitrite	mg/L	<= 3	0				0	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	1	18.0	18.0	18.0	1	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	1	14.0	14.0	14.0	1	0
		Hardness	mg/L	<= 200	1	56.0	56.0	56.0	1	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	1	9.0	9.0	9.0	1	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	1	23.0	23.0	23.0	1	0
	Metals	Aluminium	mg/L	N/A	1	<0.005	<0.005	<0.005	N/A	N/A
		Copper	mg/L	<= 1	1	<0.001	<0.001	<0.001	1	0
		Iron	mg/L	<= 0.3	4	<0.01	<0.01	<0.01	4	0
		Manganese	mg/L	<= 0.1	4	<0.001	0.002	0.006	4	0
		Zinc	mg/L	<= 3	1	<0.005	<0.005	<0.005	1	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	4	7.1	7.3	7.4	4	0
		Total Dissolved Solids	mg/L	<= 600	1	120.0	120.0	120.0	1	0
		True Colour	HU	<= 15	4	<1.0	<1.0	1.0	4	0
		Turbidity	NTU	<= 5	4	0.1	0.2	0.2	4	0
er 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	1	1.0	1.0	1.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	1	34.0	34.0	34.0	N/A	N/A
		Conductivity	µS/cm	N/A	0				N/A	N/A
		Conductivity - Field	µS/cm	N/A	4	172.0	216.0	294.0	N/A	N/A
		Temperature - Field	°C	N/A	4	24.4	25.6	26.3	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: SUNSHINE_COAST

SITE: NOOS

Noosa Connection

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	4	<0.05	0.35	0.72	4	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	4	1.5	2.3	4.0	4	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	4	1.6	2.4	4.0	4	0
	Disinfection by product	Bromate	mg/L	<= 0.02	0				0	0
		Chlorate	mg/L	<= 0.8	4	0.058	0.277	0.500	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	0				0	0
		Boron	mg/L	<= 4	0				0	0
		Cadmium	mg/L	<= 0.002	1	<0.0001	<0.0001	<0.0001	1	0
		Chromium	mg/L	<= 0.05	1	<0.001	<0.001	<0.001	1	0
		Copper	mg/L	<= 2	1	<0.001	<0.001	<0.001	1	0
		Lead	mg/L	<= 0.01	1	<0.001	<0.001	<0.001	1	0
		Manganese	mg/L	<= 0.5	4	<0.001	0.002	0.005	4	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	1	<0.001	<0.001	<0.001	1	0
		Selenium	mg/L	<= 0.01	0				0	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	4	<1.0	<1.0	<1.0	4	0
	Nutrients	Nitrate	mg/L	<= 50	0				0	0
		Nitrite	mg/L	<= 3	0				0	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	1	82.0	82.0	82.0	1	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	1	15.0	15.0	15.0	1	0
		Hardness	mg/L	<= 200	1	62.0	62.0	62.0	1	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	1	10.0	10.0	10.0	1	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	1	26.0	26.0	26.0	1	0
	Metals	Aluminium	mg/L	N/A	1	0.005	0.005	0.005	N/A	N/A
		Copper	mg/L	<= 1	1	<0.001	<0.001	<0.001	1	0
		Iron	mg/L	<= 0.3	4	<0.01	0.01	0.02	4	0
		Manganese	mg/L	<= 0.1	4	<0.001	0.002	0.005	4	0
		Zinc	mg/L	<= 3	1	<0.005	<0.005	<0.005	1	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	4	7.5	7.7	7.9	4	0
		Total Dissolved Solids	mg/L	<= 600	1	120.0	120.0	120.0	1	0
		True Colour	HU	<= 15	4	<1.0	<1.0	<1.0	4	0
		Turbidity	NTU	<= 5	4	0.1	0.2	0.3	4	0
er 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	1	1.0	1.0	1.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	1	35.0	35.0	35.0	N/A	N/A
		Conductivity	µS/cm	N/A	0				N/A	N/A
		Conductivity - Field	µS/cm	N/A	4	186.0	246.8	318.0	N/A	N/A
		Temperature - Field	°C	N/A	4	24.6	24.9	25.4	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: SUNSHINE_COAST

SITE: TEM

Ewen Maddock WTP

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	5	0.77	0.79	0.82	5	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	4	1.9	2.1	2.3	4	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	4	2.0	2.2	2.4	4	0
	Disinfection by product	Bromate	mg/L	<= 0.02	4	<0.005	<0.005	0.012	4	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	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	1	<0.0005	<0.0005	<0.0005	1	0
		Boron	mg/L	<= 4	1	<0.03	<0.03	<0.03	1	0
		Cadmium	mg/L	<= 0.002	1	<0.0001	<0.0001	<0.0001	1	0
		Chromium	mg/L	<= 0.05	1	<0.001	<0.001	<0.001	1	0
		Copper	mg/L	<= 2	1	<0.001	<0.001	<0.001	1	0
		Lead	mg/L	<= 0.01	1	<0.001	<0.001	<0.001	1	0
		Manganese	mg/L	<= 0.5	1	0.007	0.007	0.007	1	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	1	<0.001	<0.001	<0.001	1	0
		Selenium	mg/L	<= 0.01	1	<0.002	<0.002	<0.002	1	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	4	<1.0	<1.0	<1.0	4	0
	Nutrients	Nitrate	mg/L	<= 50	0				0	0
		Nitrite	mg/L	<= 3	0				0	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	1	16.0	16.0	16.0	1	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	1	16.0	16.0	16.0	1	0
		Hardness	mg/L	<= 200	1	89.0	89.0	89.0	1	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	1	11.0	11.0	11.0	1	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	1	49.0	49.0	49.0	1	0
	Metals	Aluminium	mg/L	N/A	1	0.068	0.068	0.068	N/A	N/A
		Copper	mg/L	<= 1	1	<0.001	<0.001	<0.001	1	0
		Iron	mg/L	<= 0.3	1	0.01	0.01	0.01	1	0
		Manganese	mg/L	<= 0.1	1	0.007	0.007	0.007	1	0
		Zinc	mg/L	<= 3	1	<0.005	<0.005	<0.005	1	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	4	7.0	7.2	7.3	4	0
		Total Dissolved Solids	mg/L	<= 600	1	140.0	140.0	140.0	1	0
		True Colour	HU	<= 15	1	<1.0	<1.0	<1.0	1	0
		Turbidity	NTU	<= 5	1	1.6	1.6	1.6	1	0
er 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	1	1.0	1.0	1.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	0				N/A	N/A
		Conductivity	µS/cm	N/A	1	250.0	250.0	250.0	N/A	N/A
		Conductivity - Field	µS/cm	N/A	4	243.0	247.5	258.0	N/A	N/A
		Temperature - Field	°C	N/A	4	24.7	26.1	27.5	N/A	N/A
	Taste and Odour	2-Methylisoborneol	ng/L	N/A	2	<2.0	<2.0	<2.0	N/A	N/A
		Geosmin	ng/L	N/A	2	<2.0	<2.0	<2.0	N/A	N/A

ZONE: SUNSHINE_COAST

SITE: TIF

Image Flat WTP

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	10	0.79	0.85	0.89	10	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	8	1.3	1.8	2.0	8	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	8	1.6	2.0	2.4	8	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	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	2	<0.0001	<0.0001	<0.0001	2	0
		Chromium	mg/L	<= 0.05	2	<0.001	<0.001	<0.001	2	0
		Copper	mg/L	<= 2	2	<0.001	<0.001	<0.001	2	0
		Lead	mg/L	<= 0.01	2	<0.001	<0.001	<0.001	2	0
		Manganese	mg/L	<= 0.5	2	<0.001	<0.001	<0.001	2	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	2	<0.001	0.001	0.001	2	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	8	<1.0	<1.0	<1.0	8	0
	Nutrients	Nitrate	mg/L	<= 50	0				0	0
		Nitrite	mg/L	<= 3	0				0	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	8	26.0	43.6	65.0	8	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	2	18.0	19.0	20.0	2	0
		Hardness	mg/L	<= 200	2	98.0	109.0	120.0	2	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	2	17.0	17.0	17.0	2	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	2	66.0	73.5	81.0	2	0
	Metals	Aluminium	mg/L	N/A	2	<0.005	<0.005	0.006	N/A	N/A
		Copper	mg/L	<= 1	2	<0.001	<0.001	<0.001	2	0
		Iron	mg/L	<= 0.3	2	<0.01	<0.01	<0.01	2	0
		Manganese	mg/L	<= 0.1	2	<0.001	<0.001	<0.001	2	0
		Zinc	mg/L	<= 3	2	<0.005	<0.005	<0.005	2	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	8	7.0	7.1	7.1	8	0
		Total Dissolved Solids	mg/L	<= 600	2	180.0	185.0	190.0	2	0
		True Colour	HU	<= 15	2	<1.0	<1.0	<1.0	2	0
		Turbidity	NTU	<= 5	2	0.1	0.3	0.4	2	0
er 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	2	1.0	1.0	1.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	0				N/A	N/A
		Conductivity	µS/cm	N/A	2	300.0	300.0	300.0	N/A	N/A
		Conductivity - Field	µS/cm	N/A	8	226.0	283.3	355.0	N/A	N/A
		Temperature - Field	°C	N/A	8	23.0	24.4	25.5	N/A	N/A
	Taste and Odour	2-Methylisoborneol	ng/L	N/A	8	<2.0	<2.0	<2.0	N/A	N/A
		Geosmin	ng/L	N/A	8	<2.0	<2.0	<2.0	N/A	N/A

ZONE: SUNSHINE_COAST

SITE: TKE

Kenilworth WTP

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	0				0	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	4	1.6	1.8	2.1	4	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	4	1.7	1.9	2.1	4	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	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	1	<0.0005	<0.0005	<0.0005	1	0
		Boron	mg/L	<= 4	1	<0.03	<0.03	<0.03	1	0
		Cadmium	mg/L	<= 0.002	1	<0.0001	<0.0001	<0.0001	1	0
		Chromium	mg/L	<= 0.05	1	<0.001	<0.001	<0.001	1	0
		Copper	mg/L	<= 2	1	0.001	0.001	0.001	1	0
		Lead	mg/L	<= 0.01	1	<0.001	<0.001	<0.001	1	0
		Manganese	mg/L	<= 0.5	1	<0.001	<0.001	<0.001	1	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	1	<0.001	<0.001	<0.001	1	0
		Selenium	mg/L	<= 0.01	1	<0.002	<0.002	<0.002	1	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	4	<1.0	<1.0	<1.0	4	0
	Nutrients	Nitrate	mg/L	<= 50	0				0	0
		Nitrite	mg/L	<= 3	0				0	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	1	12.0	12.0	12.0	1	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	1	31.0	31.0	31.0	1	0
		Hardness	mg/L	<= 200	1	68.0	68.0	68.0	1	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	1	41.0	41.0	41.0	1	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	1	8.8	8.8	8.8	1	0
	Metals	Aluminium	mg/L	N/A	1	<0.005	<0.005	<0.005	N/A	N/A
		Copper	mg/L	<= 1	1	0.001	0.001	0.001	1	0
		Iron	mg/L	<= 0.3	1	<0.01	<0.01	<0.01	1	0
		Manganese	mg/L	<= 0.1	1	<0.001	<0.001	<0.001	1	0
		Zinc	mg/L	<= 3	1	<0.005	<0.005	<0.005	1	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	4	7.1	7.2	7.3	4	0
		Total Dissolved Solids	mg/L	<= 600	1	170.0	170.0	170.0	1	0
		True Colour	HU	<= 15	1	<1.0	<1.0	<1.0	1	0
		Turbidity	NTU	<= 5	1	0.2	0.2	0.2	1	0
er 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	1	<1.0	<1.0	<1.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	0				N/A	N/A
		Conductivity	µS/cm	N/A	1	320.0	320.0	320.0	N/A	N/A
		Conductivity - Field	µS/cm	N/A	4	243.0	313.3	359.0	N/A	N/A
		Temperature - Field	°C	N/A	4	24.5	25.1	25.7	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: SUNSHINE_COAST

SITE: TLS

Landers Shute WTP

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	5	<0.05	<0.05	0.05	5	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	4	1.4	1.6	2.0	4	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	4	1.5	1.7	2.1	4	0
	Disinfection by product	Bromate	mg/L	<= 0.02	4	<0.005	0.007	0.013	4	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	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	1	<0.0005	<0.0005	<0.0005	1	0
		Boron	mg/L	<= 4	1	<0.03	<0.03	<0.03	1	0
		Cadmium	mg/L	<= 0.002	1	<0.0001	<0.0001	<0.0001	1	0
		Chromium	mg/L	<= 0.05	1	<0.001	<0.001	<0.001	1	0
		Copper	mg/L	<= 2	1	<0.001	<0.001	<0.001	1	0
		Lead	mg/L	<= 0.01	1	<0.001	<0.001	<0.001	1	0
		Manganese	mg/L	<= 0.5	1	<0.001	<0.001	<0.001	1	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	1	<0.001	<0.001	<0.001	1	0
		Selenium	mg/L	<= 0.01	1	<0.002	<0.002	<0.002	1	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	4	<1.0	<1.0	<1.0	4	0
	Nutrients	Nitrate	mg/L	<= 50	0				0	0
		Nitrite	mg/L	<= 3	0				0	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	1	10.0	10.0	10.0	1	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	1	13.0	13.0	13.0	1	0
		Hardness	mg/L	<= 200	1	57.0	57.0	57.0	1	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	1	10.0	10.0	10.0	1	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	1	21.0	21.0	21.0	1	0
	Metals	Aluminium	mg/L	N/A	1	<0.005	<0.005	<0.005	N/A	N/A
		Copper	mg/L	<= 1	1	<0.001	<0.001	<0.001	1	0
		Iron	mg/L	<= 0.3	1	<0.01	<0.01	<0.01	1	0
		Manganese	mg/L	<= 0.1	1	<0.001	<0.001	<0.001	1	0
		Zinc	mg/L	<= 3	1	<0.005	<0.005	<0.005	1	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	4	7.2	7.4	7.5	4	0
		Total Dissolved Solids	mg/L	<= 600	1	98.0	98.0	98.0	1	0
		True Colour	HU	<= 15	1	<1.0	<1.0	<1.0	1	0
		Turbidity	NTU	<= 5	1	0.1	0.1	0.1	1	0
er 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	1	1.0	1.0	1.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	0				N/A	N/A
		Conductivity	µS/cm	N/A	1	180.0	180.0	180.0	N/A	N/A
		Conductivity - Field	µS/cm	N/A	4	129.0	162.8	177.0	N/A	N/A
		Temperature - Field	°C	N/A	4	24.0	25.5	26.8	N/A	N/A
	Taste and Odour	2-Methylisoborneol	ng/L	N/A	2	<2.0	<2.0	<2.0	N/A	N/A
		Geosmin	ng/L	N/A	2	<2.0	<2.0	<2.0	N/A	N/A

ZONE: SUNSHINE_COAST

SITE: TNO

Noosa WTP

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	5	0.80	0.82	0.84	5	0
		Fluoride IC	mg/L	<= 1.5	0				0	0
		Free Chlorine - Field	mg/L	<= 5	4	1.7	1.8	1.9	4	0
		Free Chlorine External	mg/L	<= 5	0				0	0
		Total Chlorine - Field	mg/L	<= 5	4	1.8	2.0	2.1	4	0
	Disinfection by product	Bromate	mg/L	<= 0.02	4	<0.005	<0.005	0.016	4	0
		Chlorate	mg/L	<= 0.8	4	0.210	0.263	0.320	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	1	<0.0005	<0.0005	<0.0005	1	0
		Boron	mg/L	<= 4	1	<0.03	<0.03	<0.03	1	0
		Cadmium	mg/L	<= 0.002	1	<0.0001	<0.0001	<0.0001	1	0
		Chromium	mg/L	<= 0.05	1	<0.001	<0.001	<0.001	1	0
		Copper	mg/L	<= 2	1	0.001	0.001	0.001	1	0
		Lead	mg/L	<= 0.01	1	<0.001	<0.001	<0.001	1	0
		Manganese	mg/L	<= 0.5	1	<0.001	<0.001	<0.001	1	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	1	<0.001	<0.001	<0.001	1	0
		Selenium	mg/L	<= 0.01	1	<0.002	<0.002	<0.002	1	0
	Microbiological	E.coli	MPN/100mL	< 1	0				0	0
		E.coli MF	CFU/100mL	< 1	4	<1.0	<1.0	<1.0	4	0
	Nutrients	Nitrate	mg/L	<= 50	0				0	0
		Nitrite	mg/L	<= 3	0				0	0
	Trihalomethanes	Trihalomethanes	µg/L	<= 250	0				0	0
Aesthetic Parameters	Major Cations and Anions	Chloride	mg/L	<= 250	1	33.0	33.0	33.0	1	0
		Hardness	mg/L	<= 200	1	66.0	66.0	66.0	1	0
		Hardness Soluble	mg/L	<= 200	0				0	0
		Sodium	mg/L	<= 180	1	29.0	29.0	29.0	1	0

					Number of samples	Minimum	Average	Maximum	Number that passed	Number that failed
Aesthetic Parameters	Major Cations and Anions	Sulphate	mg/L	<= 250	1	50.0	50.0	50.0	1	0
	Metals	Aluminium	mg/L	N/A	1	0.007	0.007	0.007	N/A	N/A
		Copper	mg/L	<= 1	1	0.001	0.001	0.001	1	0
		Iron	mg/L	<= 0.3	1	<0.01	<0.01	<0.01	1	0
		Manganese	mg/L	<= 0.1	1	<0.001	<0.001	<0.001	1	0
		Zinc	mg/L	<= 3	1	<0.005	<0.005	<0.005	1	0
	Physical Property	pH - Field	pH Unit	6.5 - 8.5	4	7.0	7.2	7.4	4	0
		Total Dissolved Solids	mg/L	<= 600	1	150.0	150.0	150.0	1	0
		True Colour	HU	<= 15	1	<1.0	<1.0	<1.0	1	0
		Turbidity	NTU	<= 5	1	0.2	0.2	0.2	1	0
er 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	1	2.0	2.0	2.0	N/A	N/A
	Physical Property	Alkalinity Total	mg/L	N/A	0				N/A	N/A
		Conductivity	µS/cm	N/A	1	300.0	300.0	300.0	N/A	N/A
		Conductivity - Field	µS/cm	N/A	4	259.0	287.5	318.0	N/A	N/A
		Temperature - Field	°C	N/A	4	23.8	25.2	27.2	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