

Mackay Regional Council Drinking Water Quality Management Plan Annual Report Enclosure 1: Annual Monitoring Results - 1 July 2022 to 30 June 2023

Key

Sample point location in system

- RSV - Reservoir
- RTN - Reticulation
- TW – Treated Water

Water Supply Scheme

- BM – Bloomsbury
- CL – Calen
- ET – Eton
- FH – Finch Hatton
- GA – Gargett
- KM – Koumala
- MS – Mackay and Sarina
- MP – Midge Point

Water Supply Scheme - BM

Scheme	Location in system	Analytical Suite	Analyte	Unit of measure	Limit of reporting	ADWG Health guideline value	ADWG Aesthetic guideline value	Number of samples taken	Number of samples exceeding ADWG health guideline values'	Number of samples exceeding ADWG aesthetic guideline value	Min	Max	Mean
Bloomsbury Reticulation	RTN	Microbial	E. coli	MPN/100mL	1	0	-	12	0	N/A	0	0	0
Bloomsbury Reticulation	RTN	Microbial	Heterotrophic Plate Count	cfu/mL	1	-	-	12	N/A	N/A	0	7	<1
Bloomsbury Reticulation	RTN	Microbial	Total Coliforms	MPN/100mL	1	-	-	12	N/A	N/A	0	0	0
Bloomsbury Reticulation	RTN	Physical	Free Chlorine Residual	mg/L	0.02	-	-	12	N/A	N/A	0.2	1.33	0.72
Bloomsbury Reticulation	RTN	Physical	Total Chlorine	mg/L	0.02	≤5	≤0.6	12	0	8	0.26	1.4	0.79
Bloomsbury Reticulation	RTN	Physical	Temperature	°C	0.1	-	-	12	N/A	N/A	20.9	31.6	27.04
Bloomsbury Reticulation	RTN	Physical	pH	pH unit	0-14	-	6.5-8.5	12	N/A	0	7.61	8.17	7.88
Bloomsbury Reticulation	RTN	Physical	Conductivity	µS/cm	10	-	-	12	N/A	N/A	198.7	277.8	245.68
Bloomsbury Reticulation	RTN	Physical	Turbidity	NTU	0.1	-	≤5	12	N/A	0	0.12	1.28	0.26
Bloomsbury Reticulation	RTN	Physical	Dissolved Oxygen	% Sat	0-110	-	≤85	12	N/A	5	73.4	97.8	85.22
Bloomsbury Reticulation	RTN	Physical	Colour - True	TCU	1	-	≤15	12	N/A	0	<1	2	<1
Bloomsbury Reticulation	RTN	Physical	Alkalinity	mg/L	1	-	-	11	N/A	N/A	53.56	76	66.68
Bloomsbury Reticulation	RTN	Physical	Bicarbonate	mg/L	0.1	-	-	11	N/A	N/A	63	89	78.09
Bloomsbury Reticulation	RTN	Physical	Carbonate	mg/L	0.1	-	-	11	N/A	N/A	0.1	0.6	0.31
Bloomsbury Reticulation	RTN	Physical	Hydroxide	mg/L	0.1	-	-	11	N/A	N/A	<0.1	<0.1	<0.1
Bloomsbury Reticulation	RTN	Physical	Free Carbon Dioxide	mg/L	1	-	-	11	N/A	N/A	<1	2.7	1.71
Bloomsbury Reticulation	RTN	TOC	Total Organic Carbon	mg/L	0.3	-	-	12	N/A	N/A	0.44	1.41	0.89
Bloomsbury Reticulation	RTN	Inorganic	Fluoride	mg/L	0.1	≤1.5	-	12	0	N/A	<0.1	<0.1	<0.1
Bloomsbury Reticulation	RTN	Inorganic	Chloride	mg/L	0.005	-	≤250	12	N/A	0	24.85	39.12	31.47
Bloomsbury Reticulation	RTN	Inorganic	Nitrate	mg/L	0.3	≤50	-	12	0	N/A	0.37	1.95	0.94
Bloomsbury Reticulation	RTN	Inorganic	Nitrite	mg/L	0.4	≤3	-	12	0	N/A	<0.4	<0.4	<0.4
Bloomsbury Reticulation	RTN	Inorganic	Bromide	mg/L	0.4	-	-	12	N/A	N/A	<0.4	<0.4	<0.4
Bloomsbury Reticulation	RTN	Inorganic	Sulphate	mg/L	0.3	-	≤250	12	N/A	0	2.17	4.18	2.77
Bloomsbury Reticulation	RTN	Inorganic	Phosphate	mg/L	0.5	-	-	12	N/A	N/A	<0.5	0.54	<0.5
Bloomsbury Reticulation	RTN	Inorganic	Calcium (Total)	mg/L	0.5	-	-	12	N/A	N/A	13.2	20.93	17.52
Bloomsbury Reticulation	RTN	Inorganic	Potassium (Total)	mg/L	0.5	-	-	12	N/A	N/A	0.6	2.14	1.38
Bloomsbury Reticulation	RTN	Inorganic	Magnesium (Total)	mg/L	0.5	-	-	12	N/A	N/A	4.95	9.43	7.26
Bloomsbury Reticulation	RTN	Inorganic	Sodium (Total)	mg/L	1	-	≤180	12	N/A	0	14.61	22.97	19.64
Bloomsbury Reticulation	RTN	Inorganic	Hardness	mg/L	0.25	-	≤200	12	N/A	0	53.34	90	73.77
Bloomsbury Reticulation	RTN	Inorganic	Larson Index	LI	0	-	-	11	N/A	N/A	0.61	0.89	0.74
Bloomsbury Reticulation	RTN	Total Metals	Aluminium (Total)	µg/L	5	-	≤200	12	N/A	0	8.26	156.09	24.22
Bloomsbury Reticulation	RTN	Total Metals	Antimony (Total)	µg/L	0.5	≤3	-	12	0	N/A	<0.5	1.23	<0.5
Bloomsbury Reticulation	RTN	Total Metals	Arsenic (Total)	µg/L	1	≤10	-	12	0	N/A	<1	<1	<1
Bloomsbury Reticulation	RTN	Total Metals	Barium (Total)	µg/L	1	≤2,000	-	12	0	N/A	17.42	25.53	21.44
Bloomsbury Reticulation	RTN	Total Metals	Beryllium (Total)	µg/L	0.5	≤60	-	12	0	N/A	<0.5	<0.5	<0.5
Bloomsbury Reticulation	RTN	Total Metals	Boron (Total)	µg/L	5	≤4,000	-	12	0	N/A	9.53	27.88	16.21
Bloomsbury Reticulation	RTN	Total Metals	Cadmium (Total)	µg/L	0.1	≤2	-	12	0	N/A	<0.1	<0.1	<0.1
Bloomsbury Reticulation	RTN	Total Metals	Chromium (Total)	µg/L	0.1	≤50	-	12	0	N/A	<0.1	0.56	0.18
Bloomsbury Reticulation	RTN	Total Metals	Cobalt (Total)	µg/L	0.2	-	-	12	N/A	N/A	<0.2	<0.2	<0.2
Bloomsbury Reticulation	RTN	Total Metals	Copper (Total)	µg/L	1	≤2,000	≤1,000	12	0	0	27.93	54.72	42.2
Bloomsbury Reticulation	RTN	Total Metals	Iron (Total)	µg/L	1	-	≤300	12	N/A	0	7.1	179.57	31.97
Bloomsbury Reticulation	RTN	Total Metals	Lead (Total)	µg/L	0.5 / 1	≤10	-	12	0	N/A	<0.5	0.69	<0.5
Bloomsbury Reticulation	RTN	Total Metals	Manganese (Total)	µg/L	1	≤500	≤100	12	0	0	<1	8.98	1.49
Bloomsbury Reticulation	RTN	Total Metals	Mercury (Total)	µg/L	0.05	≤1	-	3	0	N/A	<0.05	<0.05	<0.05
Bloomsbury Reticulation	RTN	Total Metals	Molybdenum (Total)	µg/L	1	≤50	-	12	0	N/A	<1	1.55	<1
Bloomsbury Reticulation	RTN	Total Metals	Nickel (Total)	µg/L	0.5	≤20	-	12	0	N/A	<0.5	0.65	<0.5
Bloomsbury Reticulation	RTN	Total Metals	Selenium (Total)	µg/L	5	≤10	-	12	0	N/A	<5	<5	<5
Bloomsbury Reticulation	RTN	Total Metals	Silver (Total)	µg/L	0.1	≤100	-	12	0	N/A	<0.1	0.57	0.14
Bloomsbury Reticulation	RTN	Total Metals	Strontium (Total)	µg/L	1	-	-	12	N/A	N/A	104.12	253.97	150.46
Bloomsbury Reticulation	RTN	Total Metals	Thallium (Total)	µg/L	0.5	-	-	12	N/A	N/A	<0.5	0.76	<0.5
Bloomsbury Reticulation	RTN	Total Metals	Tin (Total)	µg/L	1	-	-	10	N/A	N/A	2.67	40.33	16.49
Bloomsbury Reticulation	RTN	Total Metals	Titanium (Total)	µg/L	0.5	-	-	12	N/A	N/A	<0.5	25.07	5.03
Bloomsbury Reticulation	RTN	Total Metals	Uranium (Total)	µg/L	0.5	≤17	-	12	0	N/A	<0.5	6.01	0.93
Bloomsbury Reticulation	RTN	Total Metals	Vanadium (Total)	µg/L	0.1	-	-	12	N/A	N/A	0.44	1.35	0.77

Water Supply Scheme - BM

Scheme	Location in system	Analytical Suite	Analyte	Unit of measure	Limit of reporting	ADWG Health guideline value	ADWG Aesthetic guideline value	Number of samples taken	Number of samples exceeding ADWG health guideline values'	Number of samples exceeding ADWG aesthetic guideline value	Min	Max	Mean
Bloomsbury Reticulation	RTN	Total Metals	Zinc (Total)	µg/L	1	-	≤3,000	12	N/A	0	4.48	11.69	8.12
Bloomsbury Reticulation	RTN	Oxyhalides	Chlorate	µg/L	20 / 50	-	-	18	N/A	N/A	44.89	498.67	155.66
Bloomsbury Reticulation	RTN	Oxyhalides	Chlorite	µg/L	20 / 50	≤800	-	18	0	N/A	<20	<20	<20
Bloomsbury Reticulation	RTN	Oxyhalides	Bromate	µg/L	20 / 50	≤20	-	18	0	N/A	<20	<20	<20
Bloomsbury Reticulation	RTN	Trihalomethanes	Bromodichloromethane	µg/L	1	≤250	-	3	0	N/A	14.8	21.1	18.3
Bloomsbury Reticulation	RTN	Trihalomethanes	Bromoform	µg/L	1	≤250	-	4	0	N/A	<1	1.7	1.01
Bloomsbury Reticulation	RTN	Trihalomethanes	Chloroform	µg/L	1	≤250	-	3	0	N/A	29.6	81.4	47.5
Bloomsbury Reticulation	RTN	Trihalomethanes	Dibromochloromethane	µg/L	1	≤250	-	3	0	N/A	6.7	13.8	9.53
Bloomsbury Reticulation	RTN	Trihalomethanes	Trihalomethanes (Total)	µg/L	1	≤250	-	3	0	N/A	55.4	110	76.43
Bloomsbury Treated Water	TW	Microbial	E. coli	MPN/100mL	1	0	-	12	0	N/A	0	0	0
Bloomsbury Treated Water	TW	Microbial	Heterotrophic Plate Count	cfu/mL	1	-	-	12	N/A	N/A	0	30	2.67
Bloomsbury Treated Water	TW	Microbial	Total Coliforms	MPN/100mL	1	-	-	12	N/A	N/A	0	0	0
Bloomsbury Treated Water	TW	Physical	Free Chlorine Residual	mg/L	0.02	-	-	11	N/A	N/A	0.96	1.65	1.36
Bloomsbury Treated Water	TW	Physical	Total Chlorine	mg/L	0.02	≤5	≤0.6	11	0	11	1.04	1.65	1.44
Bloomsbury Treated Water	TW	Physical	pH	pH unit	0-15	-	6.5-8.5	12	N/A	0	7.69	8.18	7.9
Bloomsbury Treated Water	TW	Physical	Conductivity	µS/cm	10	-	-	12	N/A	N/A	187.4	506.5	259.75
Bloomsbury Treated Water	TW	Physical	Turbidity	NTU	0.1	-	≤5	11	N/A	0	<0.1	<0.1	0.21
Bloomsbury Treated Water	TW	Physical	Dissolved Oxygen	% Sat	0-111	-	≤85	12	N/A	1	83.3	102.8	91.33
Bloomsbury Treated Water	TW	Physical	Colour - True	TCU	1	-	≤15	12	N/A	0	<1	4	<1
Bloomsbury Treated Water	TW	Physical	Alkalinity	mg/L	1	-	-	10	N/A	N/A	49.98	78.02	64.63
Bloomsbury Treated Water	TW	Physical	Bicarbonate	mg/L	0.1	-	-	10	N/A	N/A	59	91	75.6
Bloomsbury Treated Water	TW	Physical	Carbonate	mg/L	0.1	-	-	10	N/A	N/A	0.1	0.6	0.3
Bloomsbury Treated Water	TW	Physical	Hydroxide	mg/L	0.1	-	-	10	N/A	N/A	<0.1	<0.1	<0.1
Bloomsbury Treated Water	TW	Physical	Free Carbon Dioxide	mg/L	1	-	-	10	N/A	N/A	<1	2.2	1.57
Bloomsbury Treated Water	TW	TOC	Total Organic Carbon	mg/L	0.3	-	-	12	N/A	N/A	0.47	1.58	0.91
Bloomsbury Treated Water	TW	Inorganic	Fluoride	mg/L	0.1	≤1.5	-	12	0	N/A	<0.1	<0.1	<0.1
Bloomsbury Treated Water	TW	Inorganic	Chloride	mg/L	0.005	-	≤250	12	N/A	0	21.76	59.18	32.05
Bloomsbury Treated Water	TW	Inorganic	Nitrate	mg/L	0.3	≤50	-	12	0	N/A	<0.3	2.36	0.81
Bloomsbury Treated Water	TW	Inorganic	Nitrite	mg/L	0.4	≤3	-	12	0	N/A	<0.4	1.05	<0.4
Bloomsbury Treated Water	TW	Inorganic	Bromide	mg/L	0.4	-	-	12	N/A	N/A	<0.4	<0.4	<0.4
Bloomsbury Treated Water	TW	Inorganic	Sulphate	mg/L	0.3	-	≤250	12	N/A	0	1.52	4.62	2.5
Bloomsbury Treated Water	TW	Inorganic	Phosphate	mg/L	0.5	-	-	12	N/A	N/A	<0.5	<0.5	<0.5
Bloomsbury Treated Water	TW	Inorganic	Calcium (Total)	mg/L	0.5	-	-	12	N/A	N/A	9.02	25.92	16.95
Bloomsbury Treated Water	TW	Inorganic	Potassium (Total)	mg/L	0.5	-	-	12	N/A	N/A	0.92	3.06	1.38
Bloomsbury Treated Water	TW	Inorganic	Magnesium (Total)	mg/L	0.5	-	-	12	N/A	N/A	2.84	9.92	6.8
Bloomsbury Treated Water	TW	Inorganic	Sodium (Total)	mg/L	1	-	≤180	12	N/A	0	14.87	32.11	20.6
Bloomsbury Treated Water	TW	Inorganic	Hardness	mg/L	0.25	-	≤200	12	N/A	0	34.22	106	70.34
Bloomsbury Treated Water	TW	Inorganic	Larson Index	LI	0	-	-	10	N/A	N/A	0.63	0.84	0.71
Bloomsbury Treated Water	TW	Total Metals	Aluminium (Total)	µg/L	5	-	≤200	12	N/A	0	<5	48.17	17.02
Bloomsbury Treated Water	TW	Total Metals	Antimony (Total)	µg/L	0.5	≤3	-	12	0	N/A	<0.5	1.39	<0.5
Bloomsbury Treated Water	TW	Total Metals	Arsenic (Total)	µg/L	1	≤10	-	12	0	N/A	<1	<1	<1
Bloomsbury Treated Water	TW	Total Metals	Barium (Total)	µg/L	1	≤2,000	-	12	0	N/A	8.67	24.58	19.97
Bloomsbury Treated Water	TW	Total Metals	Beryllium (Total)	µg/L	0.5	≤60	-	12	0	N/A	<0.5	<0.5	<0.5
Bloomsbury Treated Water	TW	Total Metals	Boron (Total)	µg/L	5	≤4,000	-	12	0	N/A	6.83	26.86	14.9
Bloomsbury Treated Water	TW	Total Metals	Cadmium (Total)	µg/L	0.1	≤2	-	12	0	N/A	<0.1	<0.1	<0.1
Bloomsbury Treated Water	TW	Total Metals	Chromium (Total)	µg/L	0.1	≤50	-	12	0	N/A	<0.1	0.32	0.13
Bloomsbury Treated Water	TW	Total Metals	Cobalt (Total)	µg/L	0.2	-	-	12	N/A	N/A	<0.2	<0.2	<0.2
Bloomsbury Treated Water	TW	Total Metals	Copper (Total)	µg/L	1	≤2,000	≤1,000	12	0	0	<1	92.03	56.27
Bloomsbury Treated Water	TW	Total Metals	Iron (Total)	µg/L	1	-	≤300	12	N/A	1	8.78	1,263.50	140.73
Bloomsbury Treated Water	TW	Total Metals	Lead (Total)	µg/L	0.5 / 1	≤10	-	12	0	N/A	<0.5	1.2	<0.5
Bloomsbury Treated Water	TW	Total Metals	Manganese (Total)	µg/L	1	≤500	≤100	12	0	0	<1	54.04	8.34
Bloomsbury Treated Water	TW	Total Metals	Mercury (Total)	µg/L	0.05	≤1	-	5	0	N/A	<0.05	<0.05	<0.05
Bloomsbury Treated Water	TW	Total Metals	Molybdenum (Total)	µg/L	1	≤50	-	12	0	N/A	<1	2.36	<1
Bloomsbury Treated Water	TW	Total Metals	Nickel (Total)	µg/L	0.5	≤20	-	12	0	N/A	<0.5	0.51	<0.5

Water Supply Scheme - BM

Scheme	Location in system	Analytical Suite	Analyte	Unit of measure	Limit of reporting	ADWG Health guideline value	ADWG Aesthetic guideline value	Number of samples taken	Number of samples exceeding ADWG health guideline values'	Number of samples exceeding ADWG aesthetic guideline value	Min	Max	Mean
Bloomsbury Treated Water	TW	Total Metals	Selenium (Total)	µg/L	5	≤10	-	12	0	N/A	<5	<5	<5
Bloomsbury Treated Water	TW	Total Metals	Silver (Total)	µg/L	0.1	≤100	-	12	0	N/A	<0.1	1.1	0.2
Bloomsbury Treated Water	TW	Total Metals	Strontium (Total)	µg/L	1	-	-	12	N/A	N/A	60.08	235.18	145.06
Bloomsbury Treated Water	TW	Total Metals	Thallium (Total)	µg/L	0.5	-	-	12	N/A	N/A	<0.5	<0.5	<0.5
Bloomsbury Treated Water	TW	Total Metals	Tin (Total)	µg/L	1	-	-	11	N/A	N/A	<1	189.21	40.15
Bloomsbury Treated Water	TW	Total Metals	Titanium (Total)	µg/L	0.5	-	-	12	N/A	N/A	<0.5	8.17	3.59
Bloomsbury Treated Water	TW	Total Metals	Uranium (Total)	µg/L	0.5	≤17	-	12	0	N/A	<0.5	4.15	0.91
Bloomsbury Treated Water	TW	Total Metals	Vanadium (Total)	µg/L	0.1	-	-	12	N/A	N/A	0.24	1.13	0.71
Bloomsbury Treated Water	TW	Total Metals	Zinc (Total)	µg/L	1	-	≤3,000	12	N/A	0	1.46	10.34	4.73
Bloomsbury Treated Water	TW	Oxyhalides	Chlorate	µg/L	20 / 50	-	-	11	N/A	N/A	79.29	407.04	156.95
Bloomsbury Treated Water	TW	Oxyhalides	Chlorite	µg/L	20 / 50	≤800	-	11	0	N/A	<20	<20	<20
Bloomsbury Treated Water	TW	Oxyhalides	Bromate	µg/L	20 / 50	≤20	-	11	0	N/A	<20	<20	<20
Bloomsbury Treated Water	TW	Trihalomethanes	Bromodichloromethane	µg/L	1	≤250	-	11	0	N/A	8.8	24.8	17.02
Bloomsbury Treated Water	TW	Trihalomethanes	Bromoform	µg/L	1	≤250	-	11	0	N/A	<1	2.6	1.41
Bloomsbury Treated Water	TW	Trihalomethanes	Chloroform	µg/L	1	≤250	-	11	0	N/A	7.6	92	43.72
Bloomsbury Treated Water	TW	Trihalomethanes	Dibromochloromethane	µg/L	1	≤250	-	11	0	N/A	4.83	15.7	9.45
Bloomsbury Treated Water	TW	Trihalomethanes	Trihalomethanes (Total)	µg/L	1	≤250	-	11	0	N/A	26.9	121	71.87
Bloomsbury Treated Water	TW	SVOCs	2,3,4,6-tetrachlorophenol	µg/L	0.0001	-	-	3	N/A	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	2,4,5-Trichlorophenol	µg/L	0.0001	≤100	-	3	0	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	2,4,6-Trichlorophenol	µg/L	0.0001	≤20	≤2	3	0	0	0	0	0
Bloomsbury Treated Water	TW	SVOCs	2,4-Dichlorophenol	µg/L	0.0001	≤200	≤0.3	2	0	0	0	0	0
Bloomsbury Treated Water	TW	SVOCs	2,4-Dimethylphenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	2,4-Dinitrophenol	µg/L	0.0001	-	-	3	N/A	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	2,6-Dichlorophenol	µg/L	0.0001	-	-	3	N/A	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	2-Chlorophenol	µg/L	0.0001	≤300	≤0.1	2	0	0	0	0	0
Bloomsbury Treated Water	TW	SVOCs	2-Methylphenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	2-Nitrophenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	3- & 4-Methylphenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	4,4'-DDD	µg/L	0.0001	-	-	3	N/A	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	4,4'-DDE	µg/L	0.0001	-	-	3	N/A	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	4,4'-DDT	µg/L	0.0001	≤9	-	3	0	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	4,6-Dinitro-2-methylphenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	4-Chloro-3-Methylphenol	µg/L	0.0001	-	-	3	N/A	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	4-Nitrophenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Acenaphthene	µg/L	0.0001	-	-	3	N/A	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Acenaphthylene	µg/L	0.0001	-	-	3	N/A	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Aldrin	µg/L	0.0001	≤0.3	-	3	0	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Alpha-BHC	µg/L	0.0001	-	-	3	N/A	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Ametryn	µg/L	0.0001	≤70	-	3	0	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Anthracene	µg/L	0.0001	-	-	3	N/A	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Atrazine	µg/L	0.0001	≤20	-	3	0	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Azinphos methyl	µg/L	0.0001	≤30	-	3	0	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Benz(a)anthracene	µg/L	0.0001	-	-	3	N/A	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Benzo(a)pyrene	µg/L	0.0001	≤0.01	-	3	0	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Benzo(b)fluoranthene	µg/L	0.0001	-	-	3	N/A	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Benzo(g,h,i)perylene	µg/L	0.0001	-	-	3	N/A	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Benzo(k)fluoranthene	µg/L	0.0001	-	-	3	N/A	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Beta-BHC	µg/L	0.0001	-	-	3	N/A	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Bromacil	µg/L	0.0001	≤400	-	3	0	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Chlordane cis	µg/L	0.0001	≤2	-	3	0	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Chlordane trans	µg/L	0.0001	≤2	-	3	0	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Chlorpyrifos	µg/L	0.0001	≤10	-	3	0	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Chrysene	µg/L	0.0001	-	-	3	N/A	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	delta-BHC	µg/L	0.0001	-	-	3	N/A	N/A	0	0	0

Water Supply Scheme - BM

Scheme	Location in system	Analytical Suite	Analyte	Unit of measure	Limit of reporting	ADWG Health guideline value	ADWG Aesthetic guideline value	Number of samples taken	Number of samples exceeding ADWG health guideline values'	Number of samples exceeding ADWG aesthetic guideline value	Min	Max	Mean
Bloomsbury Treated Water	TW	SVOCs	Demeton-S-methyl	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Diazinon	µg/L	0.0001	≤4	-	3	0	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Dibenz(a,h)anthracene	µg/L	0.0001	-	-	3	N/A	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Dichlorvos	µg/L	0.0001	≤5	-	3	0	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Dieldrin	µg/L	0.0001	≤0.3	-	3	0	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Dimethoate	µg/L	0.0001	≤7	-	2	0	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Dinoseb	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Diuron	µg/L	0.0001	≤20	-	3	0	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Endosulphan alpha	µg/L	0.0001	-	-	3	N/A	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Endosulphan beta	µg/L	0.0001	-	-	3	N/A	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Endosulphan Sulphate	µg/L	0.0001	-	-	3	N/A	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Endrin	µg/L	0.0001	-	-	3	N/A	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Endrin aldehyde	µg/L	0.0001	-	-	3	N/A	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Endrin ketone	µg/L	0.0001	-	-	3	N/A	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Ethion	µg/L	0.0001	≤4	-	3	0	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Fluoranthene	µg/L	0.0001	-	-	3	N/A	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Fluorene	µg/L	0.0001	-	-	3	N/A	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Heptachlor	µg/L	0.0001	≤0.3	-	3	0	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Heptachlor Epoxide	µg/L	0.0001	≤0.3	-	3	0	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Hexazinone	µg/L	0.0001	≤400	-	3	0	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Indeno(1,2,3-cd)pyrene	µg/L	0.0001	-	-	3	N/A	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Lindane	µg/L	0.0001	≤10	-	3	0	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Malathion	µg/L	0.0001	≤70	-	3	0	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Methamidophos	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Methidathion	µg/L	0.0001	≤6	-	3	0	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Methoxychlor	µg/L	0.0001	≤300	-	3	0	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Metolachlor	µg/L	0.0001	≤300	-	3	0	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Metribuzin	µg/L	0.0001	≤70	-	3	0	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Naphthalene	µg/L	0.0001	-	-	3	N/A	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Naphthalene, 1-methyl-	µg/L	0.0001	-	-	3	N/A	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Naphthalene, 2-methyl-	µg/L	0.0001	-	-	3	N/A	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Omethoate	µg/L	0.0001	≤1	-	2	0	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Pentachlorophenol	µg/L	0.0001	≤10	-	3	0	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Phenanthrene	µg/L	0.0001	-	-	3	N/A	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Phenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Pirimiphos methyl	µg/L	0.0001	≤90	-	3	0	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Profenofos	µg/L	0.0001	≤0.3	-	3	0	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Prometryn	µg/L	0.0001	-	-	3	N/A	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Propazine	µg/L	0.0001	≤50	-	3	0	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Propyzamide	µg/L	0.0001	≤70	-	3	0	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Prothiofos	µg/L	0.0001	-	-	3	N/A	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Pyrazophos	µg/L	0.0001	-	-	3	N/A	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Pyrene	µg/L	0.0001	-	-	3	N/A	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Simazine	µg/L	0.0001	≤20	-	3	0	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Tebuthiuron	µg/L	0.0001	-	-	3	N/A	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Terbutryn	µg/L	0.0001	≤400	-	3	0	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Tolclofos-methyl	µg/L	0.0001	-	-	3	N/A	N/A	0	0	0
Bloomsbury Treated Water	TW	SVOCs	Trifluralin	µg/L	0.0001	≤90	-	3	0	N/A	0	0	0

Water Supply Scheme - CL

Scheme	Location in system	Analytical Suite	Analyte	Unit of measure	Limit of reporting	ADWG Health guideline value	ADWG Aesthetic guideline value	Number of samples taken	Number of samples exceeding ADWG health guideline values'	Number of samples exceeding ADWG aesthetic guideline value	Min	Max	Mean
Calen Reservoir	RSV	Microbial	E. coli	MPN/100mL	1	0	-	13	0	N/A	0	0	0
Calen Reservoir	RSV	Microbial	Heterotrophic Plate Count	cfu/mL	1	-	-	12	N/A	N/A	0	1	<1
Calen Reservoir	RSV	Microbial	Total Coliforms	MPN/100mL	1	-	-	13	N/A	N/A	0	0	0
Calen Reservoir	RSV	Physical	Free Chlorine Residual	mg/L	0.02	-	-	13	N/A	N/A	0.8	1.33	0.98
Calen Reservoir	RSV	Physical	Total Chlorine	mg/L	0.02	≤5	≤0.6	13	0	13	0.84	1.4	1.06
Calen Reservoir	RSV	Physical	Temperature	°C	0.1	-	-	5	N/A	N/A	24.2	28.2	27.04
Calen Reservoir	RSV	Physical	pH	pH unit	0-16	-	6.5-8.5	5	N/A	0	7.31	7.6	7.41
Calen Reservoir	RSV	Physical	Conductivity	µS/cm	10	-	-	5	N/A	N/A	770.1	842.9	805.86
Calen Reservoir	RSV	Physical	Turbidity	NTU	0.1	-	≤5	5	N/A	0	<0.1	0.12	<0.1
Calen Reservoir	RSV	Physical	Dissolved Oxygen	% Sat	0-112	-	≤85	5	N/A	3	76.6	92.5	84.72
Calen Reservoir	RSV	Physical	Colour - True	TCU	1	-	≤15	5	N/A	0	<1	<1	<1
Calen Reservoir	RSV	Physical	Alkalinity	mg/L	1	-	-	5	N/A	N/A	230.6	245.6	240.14
Calen Reservoir	RSV	Physical	Bicarbonate	mg/L	0.1	-	-	5	N/A	N/A	271	289	282.6
Calen Reservoir	RSV	Physical	Carbonate	mg/L	0.1	-	-	5	N/A	N/A	0.3	0.5	0.36
Calen Reservoir	RSV	Physical	Hydroxide	mg/L	0.1	-	-	5	N/A	N/A	<0.1	<0.1	<0.1
Calen Reservoir	RSV	Physical	Free Carbon Dioxide	mg/L	1	-	-	5	N/A	N/A	12.3	23.5	19.12
Calen Reservoir	RSV	TOC	Total Organic Carbon	mg/L	0.3	-	-	5	N/A	N/A	<0.3	<0.3	<0.3
Calen Reservoir	RSV	Inorganic	Fluoride	mg/L	0.1	≤1.5	-	5	0	N/A	<0.1	<0.1	<0.1
Calen Reservoir	RSV	Inorganic	Chloride	mg/L	0.005	-	≤250	5	N/A	0	92.89	119.38	103.49
Calen Reservoir	RSV	Inorganic	Nitrate	mg/L	0.3	≤50	-	5	0	N/A	20.69	24	22.14
Calen Reservoir	RSV	Inorganic	Nitrite	mg/L	0.4	≤3	-	5	0	N/A	<0.4	<0.4	<0.4
Calen Reservoir	RSV	Inorganic	Bromide	mg/L	0.4	-	-	5	N/A	N/A	<0.4	<0.4	<0.4
Calen Reservoir	RSV	Inorganic	Sulphate	mg/L	0.3	-	≤250	5	N/A	0	4.41	5.06	4.71
Calen Reservoir	RSV	Inorganic	Phosphate	mg/L	0.5	-	-	5	N/A	N/A	<0.5	<0.5	<0.5
Calen Reservoir	RSV	Inorganic	Calcium (Total)	mg/L	0.5	-	-	5	N/A	N/A	27.83	37.76	32.49
Calen Reservoir	RSV	Inorganic	Potassium (Total)	mg/L	0.5	-	-	5	N/A	N/A	<0.5	<0.5	<0.5
Calen Reservoir	RSV	Inorganic	Magnesium (Total)	mg/L	0.5	-	-	5	N/A	N/A	29.22	39.75	33.94
Calen Reservoir	RSV	Inorganic	Sodium (Total)	mg/L	1	-	≤180	5	N/A	0	76.59	116.12	88.32
Calen Reservoir	RSV	Inorganic	Hardness	mg/L	0.25	-	≤200	5	N/A	1	182.21	258	220.64
Calen Reservoir	RSV	Inorganic	Larson Index	LI	0	-	-	5	N/A	N/A	0.58	0.78	0.65
Calen Reservoir	RSV	Total Metals	Aluminium (Total)	µg/L	5	-	≤200	5	N/A	0	<5	7.64	6.04
Calen Reservoir	RSV	Total Metals	Antimony (Total)	µg/L	0.5	≤3	-	5	0	N/A	<0.5	1.09	0.53
Calen Reservoir	RSV	Total Metals	Arsenic (Total)	µg/L	1	≤10	-	5	0	N/A	<1	<1	<1
Calen Reservoir	RSV	Total Metals	Barium (Total)	µg/L	1	≤2,000	-	5	0	N/A	1.91	2.4	2.07
Calen Reservoir	RSV	Total Metals	Beryllium (Total)	µg/L	0.5	≤60	-	5	0	N/A	<0.5	<0.5	<0.5
Calen Reservoir	RSV	Total Metals	Boron (Total)	µg/L	5	≤4,000	-	5	0	N/A	13.48	16.69	15.93
Calen Reservoir	RSV	Total Metals	Cadmium (Total)	µg/L	0.1	≤2	-	5	0	N/A	<0.1	<0.1	<0.1
Calen Reservoir	RSV	Total Metals	Chromium (Total)	µg/L	0.1	≤50	-	5	0	N/A	0.4	0.69	0.58
Calen Reservoir	RSV	Total Metals	Cobalt (Total)	µg/L	0.2	-	-	5	N/A	N/A	<0.2	<0.2	<0.2
Calen Reservoir	RSV	Total Metals	Copper (Total)	µg/L	1	≤2,000	≤1,000	5	0	0	42.82	66.52	52.8
Calen Reservoir	RSV	Total Metals	Iron (Total)	µg/L	1	-	≤300	5	N/A	0	3.79	8.45	6.24
Calen Reservoir	RSV	Total Metals	Lead (Total)	µg/L	0.5 / 1	≤10	-	5	0	N/A	<0.5	1.36	1.02
Calen Reservoir	RSV	Total Metals	Manganese (Total)	µg/L	1	≤500	≤100	5	0	0	<1	<1	<1
Calen Reservoir	RSV	Total Metals	Mercury (Total)	µg/L	0.05	≤1	-	5	0	N/A	<0.05	<0.05	<0.05
Calen Reservoir	RSV	Total Metals	Molybdenum (Total)	µg/L	1	≤50	-	5	0	N/A	<1	10.54	2.75
Calen Reservoir	RSV	Total Metals	Nickel (Total)	µg/L	0.5	≤20	-	5	0	N/A	<0.5	0.74	<0.5
Calen Reservoir	RSV	Total Metals	Selenium (Total)	µg/L	5	≤10	-	5	0	N/A	<5	<5	<5
Calen Reservoir	RSV	Total Metals	Silver (Total)	µg/L	0.1	≤100	-	5	0	N/A	<0.1	1.34	0.67
Calen Reservoir	RSV	Total Metals	Strontium (Total)	µg/L	1	-	-	5	N/A	N/A	294.32	434.08	383.24
Calen Reservoir	RSV	Total Metals	Thallium (Total)	µg/L	0.5	-	-	5	N/A	N/A	<0.5	<0.5	<0.5
Calen Reservoir	RSV	Total Metals	Tin (Total)	µg/L	1	-	-	5	N/A	N/A	15.73	105.35	43.81
Calen Reservoir	RSV	Total Metals	Titanium (Total)	µg/L	0.5	-	-	5	N/A	N/A	4.77	16.02	8.11
Calen Reservoir	RSV	Total Metals	Uranium (Total)	µg/L	0.5	≤17	-	5	0	N/A	<0.5	6.48	1.8
Calen Reservoir	RSV	Total Metals	Vanadium (Total)	µg/L	0.1	-	-	5	N/A	N/A	23.23	46.05	28.17

Water Supply Scheme - CL

Scheme	Location in system	Analytical Suite	Analyte	Unit of measure	Limit of reporting	ADWG Health guideline value	ADWG Aesthetic guideline value	Number of samples taken	Number of samples exceeding ADWG health guideline values'	Number of samples exceeding ADWG aesthetic guideline value	Min	Max	Mean
Calen Reservoir	RSV	Total Metals	Zinc (Total)	µg/L	1	-	≤3,000	5	N/A	0	12.36	18.09	16.6
Calen Reticulation	RTN	Microbial	E. coli	MPN/100mL	1	0	-	24	0	N/A	0	0	0
Calen Reticulation	RTN	Microbial	Heterotrophic Plate Count	cfu/mL	1	-	-	22	N/A	N/A	0	570	28.55
Calen Reticulation	RTN	Microbial	Total Coliforms	MPN/100mL	1	-	-	24	N/A	N/A	0	0	0
Calen Reticulation	RTN	Physical	Free Chlorine Residual	mg/L	0.02	-	-	24	N/A	N/A	0.63	1.44	0.9
Calen Reticulation	RTN	Physical	Total Chlorine	mg/L	0.02	≤5	≤0.6	24	0	24	0.74	1.46	0.97
Calen Reticulation	RTN	Physical	Temperature	°C	0.1	-	-	24	N/A	N/A	21.9	29.7	26.2
Calen Reticulation	RTN	Physical	pH	pH unit	0-30	-	6.5-8.5	24	N/A	0	7.09	7.57	7.37
Calen Reticulation	RTN	Physical	Conductivity	µS/cm	10	-	-	24	N/A	N/A	759	864.9	808.16
Calen Reticulation	RTN	Physical	Turbidity	NTU	0.1	-	≤5	24	N/A	0	<0.1	0.8	0.2
Calen Reticulation	RTN	Physical	Dissolved Oxygen	% Sat	0-127	-	≥85	24	N/A	18	55.6	91.2	76.22
Calen Reticulation	RTN	Physical	Colour - True	TCU	1	-	≤15	24	N/A	0	<1	3	<1
Calen Reticulation	RTN	Physical	Alkalinity	mg/L	1	-	-	24	N/A	N/A	228.92	258.2	241.75
Calen Reticulation	RTN	Physical	Bicarbonate	mg/L	0.1	-	-	24	N/A	N/A	269	304	284.63
Calen Reticulation	RTN	Physical	Carbonate	mg/L	0.1	N/A	-	24	N/A	N/A	0.2	0.5	0.33
Calen Reticulation	RTN	Physical	Hydroxide	mg/L	0.1	-	-	24	N/A	N/A	<0.1	<0.1	<0.1
Calen Reticulation	RTN	Physical	Free Carbon Dioxide	mg/L	1	-	-	24	N/A	N/A	12.6	39.7	21.77
Calen Reticulation	RTN	TOC	Total Organic Carbon	mg/L	0.3	-	-	24	N/A	N/A	<0.3	0.38	0.11
Calen Reticulation	RTN	Inorganic	Fluoride	mg/L	0.1	≤1.5	-	24	0	N/A	<0.1	<0.1	<0.1
Calen Reticulation	RTN	Inorganic	Chloride	mg/L	0.005	-	≤250	24	N/A	0	88.7	227.82	107.26
Calen Reticulation	RTN	Inorganic	Nitrate	mg/L	0.3	≤50	-	24	0	N/A	18.89	24.03	21.06
Calen Reticulation	RTN	Inorganic	Nitrite	mg/L	0.4	≤3	-	24	0	N/A	<0.4	<0.4	<0.4
Calen Reticulation	RTN	Inorganic	Bromide	mg/L	0.4	-	-	24	N/A	N/A	<0.4	<0.4	<0.4
Calen Reticulation	RTN	Inorganic	Sulphate	mg/L	0.3	-	≤250	24	N/A	0	4.38	20.9	5.47
Calen Reticulation	RTN	Inorganic	Phosphate	mg/L	0.5	-	-	24	N/A	N/A	<0.5	<0.5	<0.5
Calen Reticulation	RTN	Inorganic	Calcium (Total)	mg/L	0.5	N/A	-	24	N/A	N/A	22.72	39.59	32.86
Calen Reticulation	RTN	Inorganic	Potassium (Total)	mg/L	0.5	-	-	24	N/A	N/A	<0.5	1.39	<0.5
Calen Reticulation	RTN	Inorganic	Magnesium (Total)	mg/L	0.5	-	-	24	N/A	N/A	24.22	41.88	33.75
Calen Reticulation	RTN	Inorganic	Sodium (Total)	mg/L	1	-	≤180	26	N/A	0	63.05	146.12	88.04
Calen Reticulation	RTN	Inorganic	Hardness	mg/L	0.25	-	≤200	24	N/A	2	156	271	220.97
Calen Reticulation	RTN	Inorganic	Larson Index	LI	0	-	-	24	N/A	N/A	0.55	1.54	0.67
Calen Reticulation	RTN	Total Metals	Aluminium (Total)	µg/L	5	-	≤200	24	N/A	0	<5	230.48	17.77
Calen Reticulation	RTN	Total Metals	Antimony (Total)	µg/L	0.5	≤3	-	24	0	N/A	<0.5	2.36	<0.5
Calen Reticulation	RTN	Total Metals	Arsenic (Total)	µg/L	1	≤10	-	24	0	N/A	<1	<1	<1
Calen Reticulation	RTN	Total Metals	Barium (Total)	µg/L	1	≤2,000	-	24	0	N/A	<1	12.24	1.89
Calen Reticulation	RTN	Total Metals	Beryllium (Total)	µg/L	0.5	≤60	-	24	0	N/A	<0.5	<0.5	<0.5
Calen Reticulation	RTN	Total Metals	Boron (Total)	µg/L	5	≤4,000	-	24	0	N/A	11.05	40.13	17.52
Calen Reticulation	RTN	Total Metals	Cadmium (Total)	µg/L	0.1	≤2	-	24	0	N/A	<0.1	<0.1	<0.1
Calen Reticulation	RTN	Total Metals	Chromium (Total)	µg/L	0.1	≤50	-	24	0	N/A	0.24	0.84	0.53
Calen Reticulation	RTN	Total Metals	Cobalt (Total)	µg/L	0.2	-	-	24	N/A	N/A	<0.2	<0.2	<0.2
Calen Reticulation	RTN	Total Metals	Copper (Total)	µg/L	1	≤2,000	≤1,000	24	0	0	15.04	171.32	53.03
Calen Reticulation	RTN	Total Metals	Iron (Total)	µg/L	1	-	≤300	24	N/A	0	<1	24.25	10.31
Calen Reticulation	RTN	Total Metals	Lead (Total)	µg/L	0.5 / 1	≤10	-	24	0	N/A	<0.5	4.41	1.82
Calen Reticulation	RTN	Total Metals	Manganese (Total)	µg/L	1	≤500	≤100	24	0	0	<1	1.25	<1
Calen Reticulation	RTN	Total Metals	Mercury (Total)	µg/L	0.05	≤1	-	8	0	N/A	<0.05	<0.05	<0.05
Calen Reticulation	RTN	Total Metals	Molybdenum (Total)	µg/L	1	≤50	-	24	0	N/A	<1	5.18	<1
Calen Reticulation	RTN	Total Metals	Nickel (Total)	µg/L	0.5	≤20	-	24	0	N/A	<0.5	0.7	<0.5
Calen Reticulation	RTN	Total Metals	Selenium (Total)	µg/L	5	≤10	-	24	0	N/A	<5	<5	<5
Calen Reticulation	RTN	Total Metals	Silver (Total)	µg/L	0.1	≤100	-	24	0	N/A	<0.1	2.82	0.28
Calen Reticulation	RTN	Total Metals	Strontium (Total)	µg/L	1	-	-	24	N/A	N/A	244.28	527.73	391.57
Calen Reticulation	RTN	Total Metals	Thallium (Total)	µg/L	0.5	-	-	24	N/A	N/A	<0.5	0.52	<0.5
Calen Reticulation	RTN	Total Metals	Tin (Total)	µg/L	1	-	-	22	N/A	N/A	1.91	56.47	27.36
Calen Reticulation	RTN	Total Metals	Titanium (Total)	µg/L	0.5	-	-	24	N/A	N/A	0.55	13.59	6.15
Calen Reticulation	RTN	Total Metals	Uranium (Total)	µg/L	0.5	≤17	-	24	0	N/A	<0.5	8.55	0.88

Water Supply Scheme - CL

Scheme	Location in system	Analytical Suite	Analyte	Unit of measure	Limit of reporting	ADWG Health guideline value	ADWG Aesthetic guideline value	Number of samples taken	Number of samples exceeding ADWG health guideline values'	Number of samples exceeding ADWG aesthetic guideline value	Min	Max	Mean
Calen Reticulation	RTN	Total Metals	Vanadium (Total)	µg/L	0.1	-	-	24	N/A	N/A	20.51	46.07	25.12
Calen Reticulation	RTN	Total Metals	Zinc (Total)	µg/L	1	-	≤3,000	24	N/A	0	3.69	148.14	37.15
Calen Reticulation	RTN	Oxyhalides	Chlorate	µg/L	20 / 50	-	-	8	N/A	N/A	<20	210.13	56.81
Calen Reticulation	RTN	Oxyhalides	Chlorite	µg/L	20 / 50	≤800	-	8	0	N/A	<20	<20	<20
Calen Reticulation	RTN	Oxyhalides	Bromate	µg/L	20 / 50	≤20	-	8	0	N/A	<20	<20	<20
Calen Reticulation	RTN	Trihalomethanes	Bromodichloromethane	µg/L	1	≤250	-	8	0	N/A	2.1	5.6	3.9
Calen Reticulation	RTN	Trihalomethanes	Bromoform	µg/L	1	≤250	-	6	0	N/A	<1	10.89	6.89
Calen Reticulation	RTN	Trihalomethanes	Chloroform	µg/L	1	≤250	-	8	0	N/A	<1	1.81	1.02
Calen Reticulation	RTN	Trihalomethanes	Dibromochloromethane	µg/L	1	≤250	-	8	0	N/A	6.2	12.5	9.19
Calen Reticulation	RTN	Trihalomethanes	Trihalomethanes (Total)	µg/L	1	≤250	-	8	0	N/A	8.8	30	21.1
Calen Treated Water	TW	Microbial	E. coli	MPN/100mL	1	0	-	12	0	N/A	0	0	0
Calen Treated Water	TW	Microbial	Heterotrophic Plate Count	cfu/mL	1	-	-	11	N/A	N/A	0	11	2.73
Calen Treated Water	TW	Microbial	Total Coliforms	MPN/100mL	1	-	-	12	N/A	N/A	0	3	<1
Calen Treated Water	TW	Physical	Free Chlorine Residual	mg/L	0.02	-	-	12	N/A	N/A	0.94	1.38	1.13
Calen Treated Water	TW	Physical	Total Chlorine	mg/L	0.02	≤5	≤0.6	12	0	12	1.03	1.46	1.22
Calen Treated Water	TW	Physical	Temperature	°C	0.1	-	-	12	N/A	N/A	24.7	28.7	26.28
Calen Treated Water	TW	Physical	pH	pH unit	0-17	-	6.5-8.5	12	N/A	0	7.18	7.54	7.34
Calen Treated Water	TW	Physical	Conductivity	µS/cm	10	-	-	12	N/A	N/A	719.8	824.3	774.43
Calen Treated Water	TW	Physical	Turbidity	NTU	0.1	-	≤5	12	N/A	0	<0.1	0.38	0.18
Calen Treated Water	TW	Physical	Dissolved Oxygen	% Sat	0-113	-	≤85	12	N/A	7	47	89.9	76.63
Calen Treated Water	TW	Physical	Colour - True	TCU	1	-	≤15	12	N/A	0	<1	2	<1
Calen Treated Water	TW	Physical	Alkalinity	mg/L	1	-	-	12	N/A	N/A	219.8	248.12	231.53
Calen Treated Water	TW	Physical	Bicarbonate	mg/L	0.1	-	-	12	N/A	N/A	259	292	272.67
Calen Treated Water	TW	Physical	Carbonate	mg/L	0.1	-	-	12	N/A	N/A	0.2	0.4	0.29
Calen Treated Water	TW	Physical	Hydroxide	mg/L	0.1	-	-	12	N/A	N/A	<0.1	<0.1	<0.1
Calen Treated Water	TW	Physical	Free Carbon Dioxide	mg/L	1	-	-	12	N/A	N/A	12.9	31.5	21.67
Calen Treated Water	TW	TOC	Total Organic Carbon	mg/L	0.3	-	-	12	N/A	N/A	<0.3	0.45	<0.3
Calen Treated Water	TW	Inorganic	Fluoride	mg/L	0.1	≤1.5	-	12	0	N/A	<0.1	<0.1	<0.1
Calen Treated Water	TW	Inorganic	Chloride	mg/L	0.005	-	≤250	12	N/A	0	84.9	105.53	96.65
Calen Treated Water	TW	Inorganic	Nitrate	mg/L	0.3	≤50	-	12	0	N/A	20.06	23.94	21.14
Calen Treated Water	TW	Inorganic	Nitrite	mg/L	0.4	≤3	-	12	0	N/A	<0.4	<0.4	<0.4
Calen Treated Water	TW	Inorganic	Bromide	mg/L	0.4	-	-	12	N/A	N/A	<0.4	<0.4	<0.4
Calen Treated Water	TW	Inorganic	Sulphate	mg/L	0.3	-	≤250	12	N/A	0	3.93	5.04	4.48
Calen Treated Water	TW	Inorganic	Phosphate	mg/L	0.5	-	-	12	N/A	N/A	<0.5	<0.5	<0.5
Calen Treated Water	TW	Inorganic	Calcium (Total)	mg/L	0.5	-	-	12	N/A	N/A	22.19	37.6	31.4
Calen Treated Water	TW	Inorganic	Potassium (Total)	mg/L	0.5	-	-	12	N/A	N/A	<0.5	<0.5	<0.5
Calen Treated Water	TW	Inorganic	Magnesium (Total)	mg/L	0.5	-	-	12	N/A	N/A	24.22	41.08	33.55
Calen Treated Water	TW	Inorganic	Sodium (Total)	mg/L	1	-	≤180	12	N/A	0	58.11	108.13	79.55
Calen Treated Water	TW	Inorganic	Hardness	mg/L	0.25	-	≤200	12	N/A	7	157.6	259	216.54
Calen Treated Water	TW	Inorganic	Larson Index	LI	0	-	-	12	N/A	N/A	0.57	0.71	0.63
Calen Treated Water	TW	Total Metals	Aluminium (Total)	µg/L	5	-	≤200	12	N/A	0	<5	18.35	<5
Calen Treated Water	TW	Total Metals	Antimony (Total)	µg/L	0.5	≤3	-	12	0	N/A	<0.5	1.05	<0.5
Calen Treated Water	TW	Total Metals	Arsenic (Total)	µg/L	1	≤10	-	12	0	N/A	<1	<1	<1
Calen Treated Water	TW	Total Metals	Barium (Total)	µg/L	1	≤2,000	-	12	0	N/A	<1	1.86	<1
Calen Treated Water	TW	Total Metals	Beryllium (Total)	µg/L	0.5	≤60	-	12	0	N/A	<0.5	<0.5	<0.5
Calen Treated Water	TW	Total Metals	Boron (Total)	µg/L	5	≤4,000	-	12	0	N/A	10.51	19.11	14.42
Calen Treated Water	TW	Total Metals	Cadmium (Total)	µg/L	0.1	≤2	-	12	0	N/A	<0.1	<0.1	<0.1
Calen Treated Water	TW	Total Metals	Chromium (Total)	µg/L	0.1	≤50	-	12	0	N/A	0.35	1.13	0.69
Calen Treated Water	TW	Total Metals	Cobalt (Total)	µg/L	0.2	-	-	12	N/A	N/A	<0.2	<0.2	<0.2
Calen Treated Water	TW	Total Metals	Copper (Total)	µg/L	1	≤2,000	≤1,000	12	0	0	37.96	68.42	49.63
Calen Treated Water	TW	Total Metals	Iron (Total)	µg/L	1	-	≤300	12	N/A	0	<1	12.86	5.1
Calen Treated Water	TW	Total Metals	Lead (Total)	µg/L	0.5 / 1	≤10	-	12	0	N/A	<0.5	0.82	<0.5
Calen Treated Water	TW	Total Metals	Manganese (Total)	µg/L	1	≤500	≤100	12	0	0	<1	<1	<1
Calen Treated Water	TW	Total Metals	Mercury (Total)	µg/L	0.05	≤1	-	4	0	N/A	<0.05	<0.05	<0.05

Water Supply Scheme - CL

Scheme	Location in system	Analytical Suite	Analyte	Unit of measure	Limit of reporting	ADWG Health guideline value	ADWG Aesthetic guideline value	Number of samples taken	Number of samples exceeding ADWG health guideline values'	Number of samples exceeding ADWG aesthetic guideline value	Min	Max	Mean
Calen Treated Water	TW	Total Metals	Molybdenum (Total)	µg/L	1	≤50	-	12	0	N/A	<1	2.45	<1
Calen Treated Water	TW	Total Metals	Nickel (Total)	µg/L	0.5	≤20	-	12	0	N/A	<0.5	2.19	<0.5
Calen Treated Water	TW	Total Metals	Selenium (Total)	µg/L	5	≤10	-	12	0	N/A	<5	<5	<5
Calen Treated Water	TW	Total Metals	Silver (Total)	µg/L	0.1	≤100	-	12	0	N/A	<0.1	0.87	0.16
Calen Treated Water	TW	Total Metals	Strontium (Total)	µg/L	1	-	-	12	N/A	N/A	245.24	485.15	385.46
Calen Treated Water	TW	Total Metals	Thallium (Total)	µg/L	0.5	-	-	12	N/A	N/A	<0.5	0.74	<0.5
Calen Treated Water	TW	Total Metals	Tin (Total)	µg/L	1	-	-	11	N/A	N/A	<1	115.98	34.16
Calen Treated Water	TW	Total Metals	Titanium (Total)	µg/L	0.5	-	-	12	N/A	N/A	<0.5	12.69	6.22
Calen Treated Water	TW	Total Metals	Uranium (Total)	µg/L	0.5	≤17	-	12	0	N/A	<0.5	4.29	0.9
Calen Treated Water	TW	Total Metals	Vanadium (Total)	µg/L	0.1	-	-	12	N/A	N/A	21.26	46.16	25.34
Calen Treated Water	TW	Total Metals	Zinc (Total)	µg/L	1	-	≤3,000	12	N/A	0	1.55	10.56	4.51
Calen Treated Water	TW	Oxyhalides	Chlorate	µg/L	20 / 50	-	-	4	N/A	N/A	<20	219.14	59.73
Calen Treated Water	TW	Oxyhalides	Chlorite	µg/L	20 / 50	≤800	-	4	0	N/A	<20	<20	<20
Calen Treated Water	TW	Oxyhalides	Bromate	µg/L	20 / 50	≤20	-	4	0	N/A	<20	<20	<20
Calen Treated Water	TW	Trihalomethanes	Bromodichloromethane	µg/L	1	≤250	-	4	0	N/A	<1	<1	<1
Calen Treated Water	TW	Trihalomethanes	Bromoform	µg/L	1	≤250	-	4	0	N/A	<1	<1	<1
Calen Treated Water	TW	Trihalomethanes	Chloroform	µg/L	1	≤250	-	4	0	N/A	<1	<1	<1
Calen Treated Water	TW	Trihalomethanes	Dibromochloromethane	µg/L	1	≤250	-	4	0	N/A	<1	12.5	3.63
Calen Treated Water	TW	Trihalomethanes	Trihalomethanes (Total)	µg/L	1	≤250	-	4	0	N/A	<1	12.6	4.36
Calen Treated Water	TW	SVOCs	2,3,4,6-tetrachlorophenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Calen Treated Water	TW	SVOCs	2,4,5-Trichlorophenol	µg/L	0.0001	≤100	-	2	0	N/A	0	0	0
Calen Treated Water	TW	SVOCs	2,4,6-Trichlorophenol	µg/L	0.0001	≤20	≤2	2	0	0	0	0	0
Calen Treated Water	TW	SVOCs	2,4-Dichlorophenol	µg/L	0.0001	≤200	≤0.3	2	0	0	0	0	0
Calen Treated Water	TW	SVOCs	2,4-Dimethylphenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Calen Treated Water	TW	SVOCs	2,4-Dinitrophenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Calen Treated Water	TW	SVOCs	2,6-Dichlorophenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Calen Treated Water	TW	SVOCs	2-Chlorophenol	µg/L	0.0001	≤300	≤0.1	2	0	0	0	0	0
Calen Treated Water	TW	SVOCs	2-Methylphenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Calen Treated Water	TW	SVOCs	2-Nitrophenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Calen Treated Water	TW	SVOCs	3- & 4-Methylphenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Calen Treated Water	TW	SVOCs	4,4'-DDD	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Calen Treated Water	TW	SVOCs	4,4'-DDE	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Calen Treated Water	TW	SVOCs	4,4'-DDT	µg/L	0.0001	≤9	-	2	0	N/A	0	0	0
Calen Treated Water	TW	SVOCs	4,6-Dinitro-2-methylphenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Calen Treated Water	TW	SVOCs	4-Chloro-3-Methylphenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Calen Treated Water	TW	SVOCs	4-Nitrophenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Acenaphthene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Acenaphthylene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Aldrin	µg/L	0.0001	≤0.3	-	2	0	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Alpha-BHC	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Ametryn	µg/L	0.0001	≤70	-	2	0	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Anthracene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Atrazine	µg/L	0.0001	≤20	-	2	0	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Azinophos methyl	µg/L	0.0001	≤30	-	2	0	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Benzo(a)anthracene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Benzo(a)pyrene	µg/L	0.0001	≤0.01	-	2	0	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Benzo(b)fluoranthene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Benzo(g,h,i)perylene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Benzo(k)fluoranthene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Beta-BHC	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Bromacil	µg/L	0.0001	≤400	-	2	0	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Chlordane cis	µg/L	0.0001	≤2	-	2	0	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Chlordane trans	µg/L	0.0001	≤2	-	2	0	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Chlorpyrifos	µg/L	0.0001	≤10	-	2	0	N/A	0	0	0

Water Supply Scheme - CL

Scheme	Location in system	Analytical Suite	Analyte	Unit of measure	Limit of reporting	ADWG Health guideline value	ADWG Aesthetic guideline value	Number of samples taken	Number of samples exceeding ADWG health guideline values'	Number of samples exceeding ADWG aesthetic guideline value	Min	Max	Mean
Calen Treated Water	TW	SVOCs	Chrysene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Calen Treated Water	TW	SVOCs	delta-BHC	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Demeton-S-methyl	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Diazinon	µg/L	0.0001	≤4	-	2	0	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Dibenz(a,h)anthracene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Dichlorvos	µg/L	0.0001	≤5	-	2	0	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Dieldrin	µg/L	0.0001	≤0.3	-	2	0	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Dimethoate	µg/L	0.0001	≤7	-	2	0	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Dinoseb	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Diuron	µg/L	0.0001	≤20	-	2	0	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Endosulphan alpha	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Endosulphan beta	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Endosulphan Sulphate	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Endrin	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Endrin aldehyde	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Endrin ketone	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Ethion	µg/L	0.0001	≤4	-	2	0	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Fluoranthene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Fluorene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Heptachlor	µg/L	0.0001	≤0.3	-	2	0	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Heptachlor Epoxide	µg/L	0.0001	≤0.3	-	2	0	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Hexazinone	µg/L	0.0001	≤400	-	2	0	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Indeno(1,2,3-cd)pyrene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Lindane	µg/L	0.0001	≤10	-	2	0	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Malathion	µg/L	0.0001	≤70	-	2	0	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Methamidophos	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Methidathion	µg/L	0.0001	≤6	-	2	0	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Methoxychlor	µg/L	0.0001	≤300	-	2	0	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Metolachlor	µg/L	0.0001	≤300	-	2	0	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Metribuzin	µg/L	0.0001	≤70	-	2	0	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Naphthalene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Naphthalene, 1-methyl-	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Naphthalene, 2-methyl-	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Omethoate	µg/L	0.0001	≤1	-	2	0	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Pentachlorophenol	µg/L	0.0001	≤10	-	2	0	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Phenanthrene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Phenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Pririmiphos methyl	µg/L	0.0001	≤90	-	2	0	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Profenofos	µg/L	0.0001	≤0.3	-	2	0	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Prometryn	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Propazine	µg/L	0.0001	≤50	-	2	0	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Propyzamide	µg/L	0.0001	≤70	-	2	0	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Prothiofos	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Pyrazophos	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Pyrene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Simazine	µg/L	0.0001	≤20	-	2	0	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Tebuthiuron	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Terbutryn	µg/L	0.0001	≤400	-	2	0	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Tolclofos-methyl	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Calen Treated Water	TW	SVOCs	Trifluralin	µg/L	0.0001	≤90	-	2	0	N/A	0	0	0

Water Supply Scheme - ET

Scheme	Location in system	Analytical Suite	Analyte	Unit of measure	Limit of reporting	ADWG Health guideline value	ADWG Aesthetic guideline value	Number of samples taken	Number of samples exceeding ADWG health guideline values'	Number of samples exceeding ADWG aesthetic guideline value	Min	Max	Mean
Eton Reservoir	RSV	Microbial	E. coli	MPN/100mL	1	0	-	12	0	N/A	0	0	0
Eton Reservoir	RSV	Microbial	Heterotrophic Plate Count	cfu/mL	1	-	-	12	N/A	N/A	0	5	1.08
Eton Reservoir	RSV	Microbial	Total Coliforms	MPN/100mL	1	-	-	12	N/A	N/A	0	0	0
Eton Reservoir	RSV	Physical	Free Chlorine Residual	mg/L	0.02	-	-	12	N/A	N/A	0.77	1.31	0.98
Eton Reservoir	RSV	Physical	Total Chlorine	mg/L	0.02	≤5	≤0.6	12	0	12	0.81	1.38	1.08
Eton Reservoir	RSV	Physical	Temperature	°C	0.1	-	-	4	N/A	N/A	22.9	29.4	26.8
Eton Reservoir	RSV	Physical	pH	pH unit	0-18	-	6.5-8.5	4	N/A	0	7.13	7.31	7.22
Eton Reservoir	RSV	Physical	Conductivity	µS/cm	10	-	-	4	N/A	N/A	1,133.40	1,169.50	1,152.20
Eton Reservoir	RSV	Physical	Turbidity	NTU	0.1	-	≤5	4	N/A	0	<0.1	0.62	0.26
Eton Reservoir	RSV	Physical	Dissolved Oxygen	% Sat	0-114	-	≤85	4	N/A	4	61.1	84.7	72.2
Eton Reservoir	RSV	Physical	Colour - True	TCU	1	-	≤15	4	N/A	0	<1	<1	<1
Eton Reservoir	RSV	Physical	Alkalinity	mg/L	1	-	-	4	N/A	N/A	297.38	325.2	309.2
Eton Reservoir	RSV	Physical	Bicarbonate	mg/L	0.1	-	-	4	N/A	N/A	350	383	364.25
Eton Reservoir	RSV	Physical	Carbonate	mg/L	0.1	-	-	4	N/A	N/A	0.2	0.4	0.28
Eton Reservoir	RSV	Physical	Hydroxide	mg/L	0.1	-	-	4	N/A	N/A	<0.1	<0.1	<0.1
Eton Reservoir	RSV	Physical	Free Carbon Dioxide	mg/L	1	-	-	4	N/A	N/A	31.3	45.7	37.95
Eton Reservoir	RSV	TOC	Total Organic Carbon	mg/L	0.3	-	-	4	N/A	N/A	<0.3	2.07	0.68
Eton Reservoir	RSV	Inorganic	Fluoride	mg/L	0.1	≤1.5	-	4	0	N/A	<0.1	<0.1	<0.1
Eton Reservoir	RSV	Inorganic	Chloride	mg/L	0.005	-	≤250	4	N/A	0	169.46	190.59	177.36
Eton Reservoir	RSV	Inorganic	Nitrate	mg/L	0.3	≤50	-	4	0	N/A	15.68	17.77	17.11
Eton Reservoir	RSV	Inorganic	Nitrite	mg/L	0.4	≤3	-	4	0	N/A	<0.4	<0.4	<0.4
Eton Reservoir	RSV	Inorganic	Bromide	mg/L	0.4	-	-	4	N/A	N/A	<0.4	<0.4	<0.4
Eton Reservoir	RSV	Inorganic	Sulphate	mg/L	0.3	-	≤250	4	N/A	0	11.78	12.8	12.12
Eton Reservoir	RSV	Inorganic	Phosphate	mg/L	0.5	-	-	4	N/A	N/A	<0.5	<0.5	<0.5
Eton Reservoir	RSV	Inorganic	Calcium (Total)	mg/L	0.5	-	-	4	N/A	N/A	36.35	43.33	38.77
Eton Reservoir	RSV	Inorganic	Potassium (Total)	mg/L	0.5	-	-	4	N/A	N/A	<0.5	0.59	<0.5
Eton Reservoir	RSV	Inorganic	Magnesium (Total)	mg/L	0.5	-	-	4	N/A	N/A	16.06	17.23	16.6
Eton Reservoir	RSV	Inorganic	Sodium (Total)	mg/L	1	-	≤180	4	N/A	4	190.01	230	207.67
Eton Reservoir	RSV	Inorganic	Hardness	mg/L	0.25	-	≤200	4	N/A	0	159.08	179	165.02
Eton Reservoir	RSV	Inorganic	Larson Index	LI	0	-	-	4	N/A	N/A	0.85	0.88	0.86
Eton Reservoir	RSV	Total Metals	Aluminium (Total)	µg/L	5	-	≤200	4	N/A	0	<5	13.42	<5
Eton Reservoir	RSV	Total Metals	Antimony (Total)	µg/L	0.5	≤3	-	4	0	N/A	<0.5	0.94	<0.5
Eton Reservoir	RSV	Total Metals	Arsenic (Total)	µg/L	1	≤10	-	4	0	N/A	<1	<1	<1
Eton Reservoir	RSV	Total Metals	Barium (Total)	µg/L	1	≤2,000	-	4	0	N/A	18.97	21.73	20.74
Eton Reservoir	RSV	Total Metals	Beryllium (Total)	µg/L	0.5	≤60	-	4	0	N/A	<0.5	<0.5	<0.5
Eton Reservoir	RSV	Total Metals	Boron (Total)	µg/L	5	≤4,000	-	4	0	N/A	18.75	24.37	22.47
Eton Reservoir	RSV	Total Metals	Cadmium (Total)	µg/L	0.1	≤2	-	4	0	N/A	<0.1	<0.1	<0.1
Eton Reservoir	RSV	Total Metals	Chromium (Total)	µg/L	0.1	≤50	-	4	0	N/A	0.33	0.45	0.4
Eton Reservoir	RSV	Total Metals	Cobalt (Total)	µg/L	0.2	-	-	4	N/A	N/A	<0.2	<0.2	<0.2
Eton Reservoir	RSV	Total Metals	Copper (Total)	µg/L	1	≤2,000	≤1,000	4	0	0	47.89	105.58	79.1
Eton Reservoir	RSV	Total Metals	Iron (Total)	µg/L	1	-	≤300	4	N/A	0	2.78	45.1	13.91
Eton Reservoir	RSV	Total Metals	Lead (Total)	µg/L	0.5 / 1	≤10	-	4	0	N/A	0.66	2.59	1.5
Eton Reservoir	RSV	Total Metals	Manganese (Total)	µg/L	1	≤500	≤100	4	0	0	<1	3.16	1.04
Eton Reservoir	RSV	Total Metals	Mercury (Total)	µg/L	0.05	≤1	-	4	0	N/A	<0.05	<0.05	<0.05
Eton Reservoir	RSV	Total Metals	Molybdenum (Total)	µg/L	1	≤50	-	4	0	N/A	<1	3.06	1.01
Eton Reservoir	RSV	Total Metals	Nickel (Total)	µg/L	0.5	≤20	-	4	0	N/A	<0.5	0.79	<0.5
Eton Reservoir	RSV	Total Metals	Selenium (Total)	µg/L	5	≤10	-	4	0	N/A	5.98	8.2	6.91
Eton Reservoir	RSV	Total Metals	Silver (Total)	µg/L	0.1	≤100	-	4	0	N/A	<0.1	2.06	0.54
Eton Reservoir	RSV	Total Metals	Strontium (Total)	µg/L	1	-	-	4	N/A	N/A	383.38	505.01	447.1
Eton Reservoir	RSV	Total Metals	Thallium (Total)	µg/L	0.5	-	-	4	N/A	N/A	<0.5	<0.5	<0.5
Eton Reservoir	RSV	Total Metals	Tin (Total)	µg/L	1	-	-	4	N/A	N/A	17.32	126.36	61.8
Eton Reservoir	RSV	Total Metals	Titanium (Total)	µg/L	0.5	-	-	4	N/A	N/A	4.86	14.49	8.84
Eton Reservoir	RSV	Total Metals	Uranium (Total)	µg/L	0.5	≤17	-	4	0	N/A	2.95	8.1	5.05
Eton Reservoir	RSV	Total Metals	Vanadium (Total)	µg/L	0.1	-	-	4	N/A	N/A	15.78	31.14	19.75

Water Supply Scheme - ET

Scheme	Location in system	Analytical Suite	Analyte	Unit of measure	Limit of reporting	ADWG Health guideline value	ADWG Aesthetic guideline value	Number of samples taken	Number of samples exceeding ADWG health guideline values'	Number of samples exceeding ADWG aesthetic guideline value	Min	Max	Mean
Eton Reservoir	RSV	Total Metals	Zinc (Total)	µg/L	1	-	≤3,000	4	N/A	0	4.36	12.41	8.39
Eton Reticulation	RTN	Microbial	E. coli	MPN/100mL	1	0	-	22	0	N/A	0	0	0
Eton Reticulation	RTN	Microbial	Heterotrophic Plate Count	cfu/mL	1	-	-	22	N/A	N/A	0	74	7.41
Eton Reticulation	RTN	Microbial	Total Coliforms	MPN/100mL	1	-	-	22	N/A	N/A	0	0	0
Eton Reticulation	RTN	Physical	Free Chlorine Residual	mg/L	0.02	-	-	22	N/A	N/A	0.42	1.39	0.76
Eton Reticulation	RTN	Physical	Total Chlorine	mg/L	0.02	≤5	≤0.6	22	0	18	0.5	1.47	0.85
Eton Reticulation	RTN	Physical	Temperature	°C	0.1	-	-	22	N/A	N/A	18.3	28.9	25.98
Eton Reticulation	RTN	Physical	pH	pH unit	0-31	-	6.5-8.5	22	N/A	0	7.15	7.7	7.36
Eton Reticulation	RTN	Physical	Conductivity	µS/cm	10	-	-	22	N/A	N/A	1,011.60	1,237.10	1,175.23
Eton Reticulation	RTN	Physical	Turbidity	NTU	0.1	-	≤5	22	N/A	0	<0.1	0.82	0.26
Eton Reticulation	RTN	Physical	Dissolved Oxygen	% Sat	0-128	-	≤85	22	N/A	20	47.8	97.6	72.43
Eton Reticulation	RTN	Physical	Colour - True	TCU	1	-	≤15	22	N/A	0	<1	4	<1
Eton Reticulation	RTN	Physical	Alkalinity	mg/L	1	-	-	22	N/A	N/A	290.78	359.52	329.48
Eton Reticulation	RTN	Physical	Bicarbonate	mg/L	0.1	-	-	22	N/A	N/A	343	422	387.86
Eton Reticulation	RTN	Physical	Carbonate	mg/L	0.1	-	-	22	N/A	N/A	0.2	1	0.46
Eton Reticulation	RTN	Physical	Hydroxide	mg/L	0.1	-	-	22	N/A	N/A	<0.1	<0.1	<0.1
Eton Reticulation	RTN	Physical	Free Carbon Dioxide	mg/L	1	-	-	22	N/A	N/A	14.3	44	29.58
Eton Reticulation	RTN	TOC	Total Organic Carbon	mg/L	0.3	-	-	22	N/A	N/A	<0.3	0.63	0.18
Eton Reticulation	RTN	Inorganic	Fluoride	mg/L	0.1	≤1.5	-	22	0	N/A	<0.1	<0.1	<0.1
Eton Reticulation	RTN	Inorganic	Chloride	mg/L	0.005	-	≤250	22	N/A	0	154.98	189.74	174.95
Eton Reticulation	RTN	Inorganic	Nitrate	mg/L	0.3	≤50	-	22	0	N/A	15.82	18.36	17.57
Eton Reticulation	RTN	Inorganic	Nitrite	mg/L	0.4	≤3	-	22	0	N/A	<0.4	<0.4	<0.4
Eton Reticulation	RTN	Inorganic	Bromide	mg/L	0.4	-	-	22	N/A	N/A	<0.4	0.74	<0.4
Eton Reticulation	RTN	Inorganic	Sulphate	mg/L	0.3	-	≤250	22	N/A	0	10.7	13.34	12.43
Eton Reticulation	RTN	Inorganic	Phosphate	mg/L	0.5	-	-	22	N/A	N/A	<0.5	<0.5	<0.5
Eton Reticulation	RTN	Inorganic	Calcium (Total)	mg/L	0.5	-	-	22	N/A	N/A	28.97	66.21	44.38
Eton Reticulation	RTN	Inorganic	Potassium (Total)	mg/L	0.5	-	-	22	N/A	N/A	<0.5	<0.5	<0.5
Eton Reticulation	RTN	Inorganic	Magnesium (Total)	mg/L	0.5	-	-	22	N/A	N/A	10.34	19.39	14.93
Eton Reticulation	RTN	Inorganic	Sodium (Total)	mg/L	1	-	≤180	22	N/A	14	175.8	230.87	193.2
Eton Reticulation	RTN	Inorganic	Hardness	Hardness	0.25	-	≤200	22	N/A	0	128	209	172.29
Eton Reticulation	RTN	Inorganic	Larson Index	LI	0	-	-	22	N/A	N/A	0.71	0.94	0.82
Eton Reticulation	RTN	Total Metals	Aluminium (Total)	µg/L	5	-	≤200	22	N/A	0	<5	95.55	14.59
Eton Reticulation	RTN	Total Metals	Antimony (Total)	µg/L	0.5	≤3	-	22	0	N/A	<0.5	1.74	0.52
Eton Reticulation	RTN	Total Metals	Arsenic (Total)	µg/L	1	≤10	-	22	0	N/A	<1	1.21	<1
Eton Reticulation	RTN	Total Metals	Barium (Total)	µg/L	1	≤2,000	-	22	0	N/A	16.41	32.43	20.6
Eton Reticulation	RTN	Total Metals	Beryllium (Total)	µg/L	0.5	≤60	-	22	0	N/A	<0.5	<0.5	<0.5
Eton Reticulation	RTN	Total Metals	Boron (Total)	µg/L	5	≤4,000	-	22	0	N/A	18.84	26.81	23.12
Eton Reticulation	RTN	Total Metals	Cadmium (Total)	µg/L	0.1	≤2	-	22	0	N/A	<0.1	<0.1	<0.1
Eton Reticulation	RTN	Total Metals	Chromium (Total)	µg/L	0.1	≤50	-	22	0	N/A	0.16	1.29	0.7
Eton Reticulation	RTN	Total Metals	Cobalt (Total)	µg/L	0.2	-	-	22	N/A	N/A	<0.2	<0.2	<0.2
Eton Reticulation	RTN	Total Metals	Copper (Total)	µg/L	1	≤2,000	≤1,000	22	0	0	8.65	63.82	16.77
Eton Reticulation	RTN	Total Metals	Iron (Total)	µg/L	1	-	≤300	22	N/A	0	<1	61.8	15.43
Eton Reticulation	RTN	Total Metals	Lead (Total)	µg/L	0.5 / 1	≤10	-	22	0	N/A	<0.5	1.27	<0.5
Eton Reticulation	RTN	Total Metals	Manganese (Total)	µg/L	1	≤500	≤100	22	0	0	<1	1.89	<1
Eton Reticulation	RTN	Total Metals	Mercury (Total)	µg/L	0.05	≤1	-	8	0	N/A	<0.05	<0.05	<0.05
Eton Reticulation	RTN	Total Metals	Molybdenum (Total)	µg/L	1	≤50	-	22	0	N/A	<1	7	1.02
Eton Reticulation	RTN	Total Metals	Nickel (Total)	µg/L	0.5	≤20	-	22	0	N/A	<0.5	5.09	<0.5
Eton Reticulation	RTN	Total Metals	Selenium (Total)	µg/L	5	≤10	-	22	0	N/A	<5	9.86	7.25
Eton Reticulation	RTN	Total Metals	Silver (Total)	µg/L	0.1	≤100	-	22	0	N/A	<0.1	1.39	0.23
Eton Reticulation	RTN	Total Metals	Strontium (Total)	µg/L	1	-	-	22	N/A	N/A	298.65	631.53	429.99
Eton Reticulation	RTN	Total Metals	Thallium (Total)	µg/L	0.5	-	-	22	N/A	N/A	<0.5	<0.5	<0.5
Eton Reticulation	RTN	Total Metals	Tin (Total)	µg/L	1	-	-	20	N/A	N/A	<1	110.91	34.74
Eton Reticulation	RTN	Total Metals	Titanium (Total)	µg/L	0.5	-	-	22	N/A	N/A	3.16	20.46	7.98
Eton Reticulation	RTN	Total Metals	Uranium (Total)	µg/L	0.5	≤17	-	22	0	N/A	0.59	8.94	3.8

Water Supply Scheme - ET

Scheme	Location in system	Analytical Suite	Analyte	Unit of measure	Limit of reporting	ADWG Health guideline value	ADWG Aesthetic guideline value	Number of samples taken	Number of samples exceeding ADWG health guideline values'	Number of samples exceeding ADWG aesthetic guideline value	Min	Max	Mean
Eton Reticulation	RTN	Total Metals	Vanadium (Total)	µg/L	0.1	-	-	22	N/A	N/A	13.88	30.27	16.7
Eton Reticulation	RTN	Total Metals	Zinc (Total)	µg/L	1	-	≤3,000	22	N/A	0	6.5	51.54	15.03
Eton Reticulation	RTN	Oxyhalides	Chlorate	µg/L	20 / 50	-	-	22	N/A	N/A	51.96	179.47	121.89
Eton Reticulation	RTN	Oxyhalides	Chlorite	µg/L	20 / 50	≤800	-	22	0	N/A	<20	<20	<20
Eton Reticulation	RTN	Oxyhalides	Bromate	µg/L	20 / 50	≤20	-	22	0	N/A	<20	<20	<20
Eton Reticulation	RTN	Trihalomethanes	Bromodichloromethane	µg/L	1	≤250	-	8	0	N/A	<1	2.7	1.2
Eton Reticulation	RTN	Trihalomethanes	Bromoform	µg/L	1	≤250	-	6	0	N/A	1.5	30.32	10.87
Eton Reticulation	RTN	Trihalomethanes	Chloroform	µg/L	1	≤250	-	8	0	N/A	<1	<1	<1
Eton Reticulation	RTN	Trihalomethanes	Dibromochloromethane	µg/L	1	≤250	-	8	0	N/A	1.1	11.7	5.6
Eton Reticulation	RTN	Trihalomethanes	Trihalomethanes (Total)	µg/L	1	≤250	-	8	0	N/A	2.9	41.69	18.08
Eton Treated Water	TW	Microbial	E. coli	MPN/100mL	1	0	-	12	0	N/A	0	0	0
Eton Treated Water	TW	Microbial	Heterotrophic Plate Count	cfu/mL	1	-	-	12	N/A	N/A	0	21	2.08
Eton Treated Water	TW	Microbial	Total Coliforms	MPN/100mL	1	-	-	12	N/A	N/A	0	0	0
Eton Treated Water	TW	Physical	Free Chlorine Residual	mg/L	0.02	-	-	12	N/A	N/A	0.48	1.49	1.02
Eton Treated Water	TW	Physical	Total Chlorine	mg/L	0.02	≤5	≤0.6	12	0	11	0.52	1.54	1.09
Eton Treated Water	TW	Physical	pH	pH unit	0-19	-	6.5-8.5	12	N/A	1	7.24	8.53	7.6
Eton Treated Water	TW	Physical	Conductivity	µS/cm	10	-	-	12	N/A	N/A	1,122.10	1,212.30	1,163.47
Eton Treated Water	TW	Physical	Turbidity	NTU	0.1	-	≤5	12	N/A	0	<0.1	0.87	0.28
Eton Treated Water	TW	Physical	Dissolved Oxygen	% Sat	0-115	-	≤85	12	N/A	12	32.2	84.1	61.5
Eton Treated Water	TW	Physical	Colour - True	TCU	1	-	≤15	12	N/A	0	<1	10	1.3
Eton Treated Water	TW	Physical	Alkalinity	mg/L	1	-	-	11	N/A	N/A	286.84	353.7	311.11
Eton Treated Water	TW	Physical	Bicarbonate	mg/L	0.1	-	-	11	N/A	N/A	338	416	365.18
Eton Treated Water	TW	Physical	Carbonate	mg/L	0.1	-	-	11	N/A	N/A	0.3	5.9	1.05
Eton Treated Water	TW	Physical	Hydroxide	mg/L	0.1	-	-	11	N/A	N/A	<0.1	0.1	<0.1
Eton Treated Water	TW	Physical	Free Carbon Dioxide	mg/L	1	-	-	11	N/A	N/A	1.8	34.5	20.88
Eton Treated Water	TW	TOC	Total Organic Carbon	mg/L	0.3	-	-	12	N/A	N/A	<0.3	<0.3	<0.3
Eton Treated Water	TW	Inorganic	Fluoride	mg/L	0.1	≤1.5	-	12	0	N/A	<0.1	<0.1	<0.1
Eton Treated Water	TW	Inorganic	Chloride	mg/L	0.005	-	≤250	12	N/A	0	106.33	183.67	168.73
Eton Treated Water	TW	Inorganic	Nitrate	mg/L	0.3	≤50	-	12	0	N/A	9.76	20.49	17.41
Eton Treated Water	TW	Inorganic	Nitrite	mg/L	0.4	≤3	-	12	0	N/A	<0.4	<0.4	<0.4
Eton Treated Water	TW	Inorganic	Bromide	mg/L	0.4	-	-	12	N/A	N/A	<0.4	<0.4	<0.4
Eton Treated Water	TW	Inorganic	Sulphate	mg/L	0.3	-	≤250	12	N/A	0	6.41	13.7	12.1
Eton Treated Water	TW	Inorganic	Phosphate	mg/L	0.5	-	-	12	N/A	N/A	<0.5	0.58	<0.5
Eton Treated Water	TW	Inorganic	Calcium (Total)	mg/L	0.5	N/A	-	32	N/A	N/A	23.79	81.55	35.12
Eton Treated Water	TW	Inorganic	Potassium (Total)	mg/L	0.5	-	-	12	N/A	N/A	<0.5	0.78	0.69
Eton Treated Water	TW	Inorganic	Magnesium (Total)	mg/L	0.5	-	-	29	N/A	N/A	11.82	41.16	18.09
Eton Treated Water	TW	Inorganic	Sodium (Total)	mg/L	1	-	≤180	11	N/A	10	170.56	217.67	193.72
Eton Treated Water	TW	Inorganic	Hardness	mg/L	0.25	-	≤200	29	N/A	1	98.43	373.12	159.83
Eton Treated Water	TW	Inorganic	Larson Index	LI	0	-	-	11	N/A	N/A	0.46	0.94	0.84
Eton Treated Water	TW	Total Metals	Aluminium (Total)	µg/L	5	-	≤200	12	N/A	0	<5	9.48	<5
Eton Treated Water	TW	Total Metals	Antimony (Total)	µg/L	0.5	≤3	-	12	0	N/A	<0.5	1.34	<0.5
Eton Treated Water	TW	Total Metals	Arsenic (Total)	µg/L	1	≤10	-	12	0	N/A	<1	<1	<1
Eton Treated Water	TW	Total Metals	Barium (Total)	µg/L	1	≤2,000	-	12	0	N/A	16.82	20.44	18.71
Eton Treated Water	TW	Total Metals	Beryllium (Total)	µg/L	0.5	≤60	-	12	0	N/A	<0.5	<0.5	<0.5
Eton Treated Water	TW	Total Metals	Boron (Total)	µg/L	5	≤4,000	-	12	0	N/A	15.91	26.72	22.81
Eton Treated Water	TW	Total Metals	Cadmium (Total)	µg/L	0.1	≤2	-	12	0	N/A	<0.1	<0.1	<0.1
Eton Treated Water	TW	Total Metals	Chromium (Total)	µg/L	0.1	≤50	-	12	0	N/A	<0.1	0.3	0.1
Eton Treated Water	TW	Total Metals	Cobalt (Total)	µg/L	0.2	-	-	12	N/A	N/A	<0.2	<0.2	<0.2
Eton Treated Water	TW	Total Metals	Copper (Total)	µg/L	1	≤2,000	≤1,000	12	0	0	50.29	91.66	62.78
Eton Treated Water	TW	Total Metals	Iron (Total)	µg/L	1	-	≤300	12	N/A	0	<1	14.64	4.5
Eton Treated Water	TW	Total Metals	Lead (Total)	µg/L	0.5 / 1	≤10	-	12	0	N/A	<0.5	1.13	0.66
Eton Treated Water	TW	Total Metals	Manganese (Total)	µg/L	1	≤500	≤100	12	0	0	<1	<1	<1
Eton Treated Water	TW	Total Metals	Mercury (Total)	µg/L	0.05	≤1	-	5	0	N/A	<0.05	<0.05	<0.05
Eton Treated Water	TW	Total Metals	Molybdenum (Total)	µg/L	1	≤50	-	12	0	N/A	<1	3.06	<1

Water Supply Scheme - ET

Scheme	Location in system	Analytical Suite	Analyte	Unit of measure	Limit of reporting	ADWG Health guideline value	ADWG Aesthetic guideline value	Number of samples taken	Number of samples exceeding ADWG health guideline values'	Number of samples exceeding ADWG aesthetic guideline value	Min	Max	Mean
Eton Treated Water	TW	Total Metals	Nickel (Total)	µg/L	0.5	≤20	-	12	0	N/A	<0.5	<0.5	<0.5
Eton Treated Water	TW	Total Metals	Selenium (Total)	µg/L	5	≤10	-	12	0	N/A	6.62	8.87	7.73
Eton Treated Water	TW	Total Metals	Silver (Total)	µg/L	0.1	≤100	-	12	0	N/A	<0.1	1.3	0.18
Eton Treated Water	TW	Total Metals	Strontium (Total)	µg/L	1	-	-	12	N/A	N/A	313.33	407	360.57
Eton Treated Water	TW	Total Metals	Thallium (Total)	µg/L	0.5	-	-	12	N/A	N/A	<0.5	<0.5	<0.5
Eton Treated Water	TW	Total Metals	Tin (Total)	µg/L	1	-	-	11	N/A	N/A	<1	109.96	28.51
Eton Treated Water	TW	Total Metals	Titanium (Total)	µg/L	0.5	-	-	12	N/A	N/A	1.75	9.9	5.85
Eton Treated Water	TW	Total Metals	Uranium (Total)	µg/L	0.5	≤17	-	12	0	N/A	2.1	5.44	3.53
Eton Treated Water	TW	Total Metals	Vanadium (Total)	µg/L	0.1	-	-	12	N/A	N/A	12.91	17.24	15.91
Eton Treated Water	TW	Total Metals	Zinc (Total)	µg/L	1	-	≤3,000	12	N/A	0	3.44	12.79	8.08
Eton Treated Water	TW	Oxyhalides	Chlorate	µg/L	20 / 50	-	-	5	N/A	N/A	61.56	244.24	118.99
Eton Treated Water	TW	Oxyhalides	Chlorite	µg/L	20 / 50	≤800	-	5	0	N/A	<20	<20	<20
Eton Treated Water	TW	Oxyhalides	Bromate	µg/L	20 / 50	≤20	-	5	0	N/A	<20	<20	<20
Eton Treated Water	TW	Trihalomethanes	Bromodichloromethane	µg/L	1	≤250	-	12	0	N/A	<1	1.65	<1
Eton Treated Water	TW	Trihalomethanes	Bromoform	µg/L	1	≤250	-	12	0	N/A	<1	3.3	1.78
Eton Treated Water	TW	Trihalomethanes	Chloroform	µg/L	1	≤250	-	12	0	N/A	<1	1.65	<1
Eton Treated Water	TW	Trihalomethanes	Dibromochloromethane	µg/L	1	≤250	-	12	0	N/A	<1	2.08	<1
Eton Treated Water	TW	Trihalomethanes	Trihalomethanes (Total)	µg/L	1	≤250	-	12	0	N/A	<1	7.3	2.37
Eton Treated Water	TW	SVOCs	2,3,4,6-tetrachlorophenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Eton Treated Water	TW	SVOCs	2,4,5-Trichlorophenol	µg/L	0.0001	≤100	-	2	0	N/A	0	0	0
Eton Treated Water	TW	SVOCs	2,4,6-Trichlorophenol	µg/L	0.0001	≤20	≤2	2	0	0	0	0	0
Eton Treated Water	TW	SVOCs	2,4-Dichlorophenol	µg/L	0.0001	≤200	≤0.3	2	0	0	0	0	0
Eton Treated Water	TW	SVOCs	2,4-Dimethylphenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Eton Treated Water	TW	SVOCs	2,4-Dinitrophenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Eton Treated Water	TW	SVOCs	2,6-Dichlorophenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Eton Treated Water	TW	SVOCs	2-Chlorophenol	µg/L	0.0001	≤300	≤0.1	2	0	0	0	0	0
Eton Treated Water	TW	SVOCs	2-Methylphenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Eton Treated Water	TW	SVOCs	2-Nitrophenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Eton Treated Water	TW	SVOCs	3- & 4-Methylphenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Eton Treated Water	TW	SVOCs	4,4'-DDD	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Eton Treated Water	TW	SVOCs	4,4'-DDE	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Eton Treated Water	TW	SVOCs	4,4'-DDT	µg/L	0.0001	≤9	-	2	0	N/A	0	0	0
Eton Treated Water	TW	SVOCs	4,6-Dinitro-2-methylphenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Eton Treated Water	TW	SVOCs	4-Chloro-3-Methylphenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Eton Treated Water	TW	SVOCs	4-Nitrophenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Acenaphthene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Acenaphthylene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Aldrin	µg/L	0.0001	≤0.3	-	2	0	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Alpha-BHC	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Ametryn	µg/L	0.0001	≤70	-	2	0	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Anthracene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Atrazine	µg/L	0.0001	≤20	-	2	0	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Azinophos methyl	µg/L	0.0001	≤30	-	2	0	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Benz(a)anthracene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Benzo(a)pyrene	µg/L	0.0001	≤0.01	-	2	0	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Benzo(b)fluoranthene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Benzo(g,h,i)perylene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Benzo(k)fluoranthene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Beta-BHC	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Bromacil	µg/L	0.0001	≤400	-	2	0	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Chlordane cis	µg/L	0.0001	≤2	-	2	0	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Chlordane trans	µg/L	0.0001	≤2	-	2	0	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Chlorpyrifos	µg/L	0.0001	≤10	-	2	0	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Chrysene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0

Water Supply Scheme - ET

Scheme	Location in system	Analytical Suite	Analyte	Unit of measure	Limit of reporting	ADWG Health guideline value	ADWG Aesthetic guideline value	Number of samples taken	Number of samples exceeding ADWG health guideline values'	Number of samples exceeding ADWG aesthetic guideline value	Min	Max	Mean
Eton Treated Water	TW	SVOCs	delta-BHC	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Demeton-S-methyl	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Diazinon	µg/L	0.0001	≤4	-	2	0	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Dibenz(a,h)anthracene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Dichlorvos	µg/L	0.0001	≤5	-	2	0	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Dieldrin	µg/L	0.0001	≤0.3	-	2	0	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Dimethoate	µg/L	0.0001	≤7	-	2	0	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Dinoseb	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Diuron	µg/L	0.0001	≤20	-	2	0	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Endosulphan alpha	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Endosulphan beta	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Endosulphan Sulphate	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Endrin	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Endrin aldehyde	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Endrin ketone	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Ethion	µg/L	0.0001	≤4	-	2	0	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Fluoranthene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Fluorene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Heptachlor	µg/L	0.0001	≤0.3	-	2	0	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Heptachlor Epoxide	µg/L	0.0001	≤0.3	-	2	0	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Hexazinone	µg/L	0.0001	≤400	-	2	0	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Indeno(1,2,3-cd)pyrene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Lindane	µg/L	0.0001	≤10	-	2	0	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Malathion	µg/L	0.0001	≤70	-	2	0	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Methamidophos	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Methodathion	µg/L	0.0001	≤6	-	2	0	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Methoxychlor	µg/L	0.0001	≤300	-	2	0	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Metolachlor	µg/L	0.0001	≤300	-	2	0	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Metribuzin	µg/L	0.0001	≤70	-	2	0	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Naphthalene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Naphthalene, 1-methyl-	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Naphthalene, 2-methyl-	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Omethoate	µg/L	0.0001	≤1	-	2	0	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Pentachlorophenol	µg/L	0.0001	≤10	-	2	0	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Phenanthrene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Phenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Pirimiphos methyl	µg/L	0.0001	≤90	-	2	0	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Profenofos	µg/L	0.0001	≤0.3	-	2	0	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Prometryn	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Propazine	µg/L	0.0001	≤50	-	2	0	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Propyzamide	µg/L	0.0001	≤70	-	2	0	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Prothiofos	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Pyrazophos	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Pyrene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Simazine	µg/L	0.0001	≤20	-	2	0	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Tebuthiuron	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Terbutryn	µg/L	0.0001	≤400	-	2	0	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Tolclofos-methyl	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Eton Treated Water	TW	SVOCs	Trifluralin	µg/L	0.0001	≤90	-	2	0	N/A	0	0	0

Water Supply Scheme - FH

Scheme	Location in system	Analytical Suite	Analyte	Unit of measure	Limit of reporting	ADWG Health guideline value	ADWG Aesthetic guideline value	Number of samples taken	Number of samples exceeding ADWG health guideline values'	Number of samples exceeding ADWG aesthetic guideline value	Min	Max	Mean
Finch Hatton Reticulation	RTN	Microbial	E. coli	MPN/100mL	1	0	-	12	0	N/A	0	0	0
Finch Hatton Reticulation	RTN	Microbial	Heterotrophic Plate Count	cfu/mL	1	-	-	12	N/A	N/A	0	11	1.5
Finch Hatton Reticulation	RTN	Microbial	Total Coliforms	MPN/100mL	1	-	-	12	N/A	N/A	0	0	0
Finch Hatton Reticulation	RTN	Physical	Free Chlorine Residual	mg/L	0.02	-	-	12	N/A	N/A	1.02	1.22	1.13
Finch Hatton Reticulation	RTN	Physical	Total Chlorine	mg/L	0.02	≤5	≤0.6	12	0	12	1.09	1.3	1.22
Finch Hatton Reticulation	RTN	Physical	Temperature	°C	0.1	-	-	12	N/A	N/A	21	28.3	25.93
Finch Hatton Reticulation	RTN	Physical	pH	pH unit	0-20	-	6.5-8.5	12	N/A	0	6.99	7.91	7.18
Finch Hatton Reticulation	RTN	Physical	Conductivity	µS/cm	10	-	-	12	N/A	N/A	200.1	283.3	222
Finch Hatton Reticulation	RTN	Physical	Turbidity	NTU	0.1	-	≤5	12	N/A	0	<0.1	0.33	0.14
Finch Hatton Reticulation	RTN	Physical	Dissolved Oxygen	% Sat	0-116	-	≤85	12	N/A	5	65.1	99.8	84.19
Finch Hatton Reticulation	RTN	Physical	Colour - True	TCU	1	-	≤15	12	N/A	0	<1	4	1.11
Finch Hatton Reticulation	RTN	Physical	Alkalinity	mg/L	1	-	-	12	N/A	N/A	71.78	80.7	75.82
Finch Hatton Reticulation	RTN	Physical	Bicarbonate	mg/L	0.1	-	-	12	N/A	N/A	85	95	89.33
Finch Hatton Reticulation	RTN	Physical	Carbonate	mg/L	0.1	-	-	12	N/A	N/A	<0.1	0.3	0.08
Finch Hatton Reticulation	RTN	Physical	Hydroxide	mg/L	0.1	-	-	12	N/A	N/A	<0.1	<0.1	<0.1
Finch Hatton Reticulation	RTN	Physical	Free Carbon Dioxide	mg/L	1	-	-	12	N/A	N/A	1.8	15.1	11.28
Finch Hatton Reticulation	RTN	TOC	Total Organic Carbon	mg/L	0.3	-	-	12	N/A	N/A	<0.3	<0.3	<0.3
Finch Hatton Reticulation	RTN	Inorganic	Fluoride	mg/L	0.1	≤1.5	-	12	0	N/A	<0.1	<0.1	<0.1
Finch Hatton Reticulation	RTN	Inorganic	Chloride	mg/L	0.005	-	≤250	12	N/A	0	14.44	18.59	16.94
Finch Hatton Reticulation	RTN	Inorganic	Nitrate	mg/L	0.3	≤50	-	12	0	N/A	2.18	3.5	2.86
Finch Hatton Reticulation	RTN	Inorganic	Nitrite	mg/L	0.4	≤3	-	12	0	N/A	<0.4	<0.4	<0.4
Finch Hatton Reticulation	RTN	Inorganic	Bromide	mg/L	0.4	-	-	12	N/A	N/A	<0.4	<0.4	<0.4
Finch Hatton Reticulation	RTN	Inorganic	Sulphate	mg/L	0.3	-	≤250	12	N/A	0	2.96	3.77	3.25
Finch Hatton Reticulation	RTN	Inorganic	Phosphate	mg/L	0.5	-	-	12	N/A	N/A	<0.5	0.71	<0.5
Finch Hatton Reticulation	RTN	Inorganic	Calcium (Total)	mg/L	0.5	-	-	12	N/A	N/A	12.55	17.01	14.95
Finch Hatton Reticulation	RTN	Inorganic	Potassium (Total)	mg/L	0.5	-	-	12	N/A	N/A	1.19	1.85	1.62
Finch Hatton Reticulation	RTN	Inorganic	Magnesium (Total)	mg/L	0.5	-	-	12	N/A	N/A	5.22	7.23	6.58
Finch Hatton Reticulation	RTN	Inorganic	Sodium (Total)	mg/L	1	-	≤180	12	N/A	0	13.75	19.9	17.18
Finch Hatton Reticulation	RTN	Inorganic	Hardness	mg/L	0.25	-	≤200	12	N/A	0	53	72	64.5
Finch Hatton Reticulation	RTN	Inorganic	Larson Index	LI	0	-	-	12	N/A	N/A	0.33	0.42	0.37
Finch Hatton Reticulation	RTN	Total Metals	Aluminium (Total)	µg/L	5	-	≤200	12	N/A	0	<5	35.56	8.98
Finch Hatton Reticulation	RTN	Total Metals	Antimony (Total)	µg/L	0.5	≤3	-	12	0	N/A	<0.5	2.16	<0.5
Finch Hatton Reticulation	RTN	Total Metals	Arsenic (Total)	µg/L	1	≤10	-	12	0	N/A	<1	<1	<1
Finch Hatton Reticulation	RTN	Total Metals	Barium (Total)	µg/L	1	≤2,000	-	12	0	N/A	8.09	14.53	10.35
Finch Hatton Reticulation	RTN	Total Metals	Beryllium (Total)	µg/L	0.5	≤60	-	12	0	N/A	<0.5	<0.5	<0.5
Finch Hatton Reticulation	RTN	Total Metals	Boron (Total)	µg/L	5	≤4,000	-	12	0	N/A	10.76	17.36	14.75
Finch Hatton Reticulation	RTN	Total Metals	Cadmium (Total)	µg/L	0.1	≤2	-	12	0	N/A	<0.1	<0.1	<0.1
Finch Hatton Reticulation	RTN	Total Metals	Chromium (Total)	µg/L	0.1	≤50	-	12	0	N/A	<0.1	0.5	0.16
Finch Hatton Reticulation	RTN	Total Metals	Cobalt (Total)	µg/L	0.2	-	-	12	N/A	N/A	<0.2	<0.2	<0.2
Finch Hatton Reticulation	RTN	Total Metals	Copper (Total)	µg/L	1	≤2,000	≤1,000	12	0	0	<1	63.52	26.72
Finch Hatton Reticulation	RTN	Total Metals	Iron (Total)	µg/L	1	-	≤300	12	N/A	0	<1	16.57	7.58
Finch Hatton Reticulation	RTN	Total Metals	Lead (Total)	µg/L	0.5 / 1	≤10	-	12	0	N/A	<0.5	1.5	1.05
Finch Hatton Reticulation	RTN	Total Metals	Manganese (Total)	µg/L	1	≤500	≤100	12	0	0	<1	3.02	1.89
Finch Hatton Reticulation	RTN	Total Metals	Mercury (Total)	µg/L	0.05	≤1	-	4	0	N/A	<0.05	<0.05	<0.05
Finch Hatton Reticulation	RTN	Total Metals	Molybdenum (Total)	µg/L	1	≤50	-	12	0	N/A	<1	1.66	<1
Finch Hatton Reticulation	RTN	Total Metals	Nickel (Total)	µg/L	0.5	≤20	-	12	0	N/A	<0.5	0.55	<0.5
Finch Hatton Reticulation	RTN	Total Metals	Selenium (Total)	µg/L	5	≤10	-	12	0	N/A	<5	<5	<5
Finch Hatton Reticulation	RTN	Total Metals	Silver (Total)	µg/L	0.1	≤100	-	12	0	N/A	<0.1	1.63	0.28
Finch Hatton Reticulation	RTN	Total Metals	Strontium (Total)	µg/L	1	-	-	12	N/A	N/A	81.53	151.69	111.64
Finch Hatton Reticulation	RTN	Total Metals	Thallium (Total)	µg/L	0.5	-	-	12	N/A	N/A	<0.5	<0.5	<0.5
Finch Hatton Reticulation	RTN	Total Metals	Tin (Total)	µg/L	1	-	-	11	N/A	N/A	<1	91.19	35.94
Finch Hatton Reticulation	RTN	Total Metals	Titanium (Total)	µg/L	0.5	-	-	12	N/A	N/A	1.88	9.4	5.67
Finch Hatton Reticulation	RTN	Total Metals	Uranium (Total)	µg/L	0.5	≤17	-	12	0	N/A	<0.5	1.95	0.8
Finch Hatton Reticulation	RTN	Total Metals	Vanadium (Total)	µg/L	0.1	-	-	12	N/A	N/A	5.54	12.22	6.65

Water Supply Scheme - FH

Scheme	Location in system	Analytical Suite	Analyte	Unit of measure	Limit of reporting	ADWG Health guideline value	ADWG Aesthetic guideline value	Number of samples taken	Number of samples exceeding ADWG health guideline values'	Number of samples exceeding ADWG aesthetic guideline value	Min	Max	Mean
Finch Hatton Reticulation	RTN	Total Metals	Zinc (Total)	µg/L	1	-	≤3,000	12	N/A	0	<1	23.92	12.59
Finch Hatton Reticulation	RTN	Oxyhalides	Chlorate	µg/L	20 / 50	-	-	12	N/A	N/A	<20	139.45	45.41
Finch Hatton Reticulation	RTN	Oxyhalides	Chlorite	µg/L	20 / 50	≤800	-	12	0	N/A	<20	<20	<20
Finch Hatton Reticulation	RTN	Oxyhalides	Bromate	µg/L	20 / 50	≤20	-	12	0	N/A	<20	<20	<20
Finch Hatton Reticulation	RTN	Trihalomethanes	Bromodichloromethane	µg/L	1	≤250	-	4	0	N/A	1.2	1.94	1.49
Finch Hatton Reticulation	RTN	Trihalomethanes	Bromoform	µg/L	1	≤250	-	4	0	N/A	<1	2.91	1.45
Finch Hatton Reticulation	RTN	Trihalomethanes	Chloroform	µg/L	1	≤250	-	4	0	N/A	<1	1.01	1.01
Finch Hatton Reticulation	RTN	Trihalomethanes	Dibromochloromethane	µg/L	1	≤250	-	4	0	N/A	1.7	2.36	2.15
Finch Hatton Reticulation	RTN	Trihalomethanes	Trihalomethanes (Total)	µg/L	1	≤250	-	4	0	N/A	4.1	7.1	5.79
Finch Hatton Treated Water	TW	Microbial	E. coli	MPN/100mL	1	0	-	12	0	N/A	0	0	0
Finch Hatton Treated Water	TW	Microbial	Heterotrophic Plate Count	cfu/ml	1	-	-	12	N/A	N/A	0	8	2
Finch Hatton Treated Water	TW	Microbial	Total Coliforms	MPN/100mL	1	-	-	12	N/A	N/A	0	0	0
Finch Hatton Treated Water	TW	Physical	Free Chlorine Residual	mg/L	0.02	-	-	12	N/A	N/A	0.86	1.25	1.09
Finch Hatton Treated Water	TW	Physical	Total Chlorine	mg/L	0.02	≤5	-	12	0	12	0.97	1.31	1.15
Finch Hatton Treated Water	TW	Physical	pH	pH unit	0-21	-	6.5-8.5	12	N/A	0	7.04	7.74	7.34
Finch Hatton Treated Water	TW	Physical	Conductivity	µS/cm	10	-	-	12	N/A	N/A	204.7	228.3	212.95
Finch Hatton Treated Water	TW	Physical	Turbidity	NTU	0.1	-	≤5	12	N/A	0	<0.1	0.75	0.29
Finch Hatton Treated Water	TW	Physical	Dissolved Oxygen	% Sat	0-117	-	≤85	12	N/A	4	78.5	90.1	85.84
Finch Hatton Treated Water	TW	Physical	Colour - True	TCU	1	-	≤15	12	N/A	0	<1	2	<1
Finch Hatton Treated Water	TW	Physical	Alkalinity	mg/L	1	-	-	11	N/A	N/A	63.96	77.4	72.86
Finch Hatton Treated Water	TW	Physical	Bicarbonate	mg/L	0.1	-	-	11	N/A	N/A	75	91	85.73
Finch Hatton Treated Water	TW	Physical	Carbonate	mg/L	0.1	-	-	11	N/A	N/A	<0.1	0.2	0.1
Finch Hatton Treated Water	TW	Physical	Hydroxide	mg/L	0.1	-	-	11	N/A	N/A	<0.1	<0.1	<0.1
Finch Hatton Treated Water	TW	Physical	Free Carbon Dioxide	mg/L	1	-	-	11	N/A	N/A	2.7	12	6.71
Finch Hatton Treated Water	TW	TOC	Total Organic Carbon	mg/L	0.3	-	-	12	N/A	N/A	<0.3	4.02	0.48
Finch Hatton Treated Water	TW	Inorganic	Fluoride	mg/L	0.1	≤1.5	-	12	0	N/A	<0.1	<0.1	<0.1
Finch Hatton Treated Water	TW	Inorganic	Chloride	mg/L	0.005	-	≤250	12	N/A	0	14.5	17.77	16.65
Finch Hatton Treated Water	TW	Inorganic	Nitrate	mg/L	0.3	≤50	-	12	0	N/A	1.99	3.67	2.74
Finch Hatton Treated Water	TW	Inorganic	Nitrite	mg/L	0.4	≤3	-	12	0	N/A	<0.4	<0.4	<0.4
Finch Hatton Treated Water	TW	Inorganic	Bromide	mg/L	0.4	-	-	12	N/A	N/A	<0.4	<0.4	<0.4
Finch Hatton Treated Water	TW	Inorganic	Sulphate	mg/L	0.3	-	≤250	12	N/A	0	2.87	3.41	3.09
Finch Hatton Treated Water	TW	Inorganic	Phosphate	mg/L	0.5	-	-	12	N/A	N/A	<0.5	0.55	<0.5
Finch Hatton Treated Water	TW	Inorganic	Calcium (Total)	mg/L	0.5	-	-	12	N/A	N/A	13.56	16.32	14.7
Finch Hatton Treated Water	TW	Inorganic	Potassium (Total)	mg/L	0.5	-	-	12	N/A	N/A	1.57	1.86	1.68
Finch Hatton Treated Water	TW	Inorganic	Magnesium (Total)	mg/L	0.5	-	-	12	N/A	N/A	5.15	8.03	7.02
Finch Hatton Treated Water	TW	Inorganic	Sodium (Total)	mg/L	1	-	≤180	12	N/A	0	13.53	18.2	16.27
Finch Hatton Treated Water	TW	Inorganic	Hardness	mg/L	0.25	-	≤200	11	N/A	0	62	70.69	66.5
Finch Hatton Treated Water	TW	Inorganic	Larson Index	li	0	-	-	10	N/A	N/A	0.37	0.44	0.39
Finch Hatton Treated Water	TW	Total Metals	Aluminium (Total)	µg/L	5	-	≤200	12	N/A	0	<5	145.52	16.5
Finch Hatton Treated Water	TW	Total Metals	Antimony (Total)	µg/L	0.5	≤3	-	12	0	N/A	<0.5	0.65	<0.5
Finch Hatton Treated Water	TW	Total Metals	Arsenic (Total)	µg/L	1	≤10	-	12	0	N/A	<1	<1	<1
Finch Hatton Treated Water	TW	Total Metals	Barium (Total)	µg/L	1	≤2,000	-	12	0	N/A	9.2	19.18	11.76
Finch Hatton Treated Water	TW	Total Metals	Beryllium (Total)	µg/L	0.5	≤60	-	12	0	N/A	<0.5	<0.5	<0.5
Finch Hatton Treated Water	TW	Total Metals	Boron (Total)	µg/L	5	≤4,000	-	12	0	N/A	9.51	21.92	15.7
Finch Hatton Treated Water	TW	Total Metals	Cadmium (Total)	µg/L	0.1	≤2	-	12	0	N/A	<0.1	<0.1	<0.1
Finch Hatton Treated Water	TW	Total Metals	Chromium (Total)	µg/L	0.1	≤50	-	12	0	N/A	<0.1	0.47	0.15
Finch Hatton Treated Water	TW	Total Metals	Cobalt (Total)	µg/L	0.2	-	-	12	N/A	N/A	<0.2	0.39	<0.2
Finch Hatton Treated Water	TW	Total Metals	Copper (Total)	µg/L	1	≤2,000	≤1,000	12	0	0	5.82	55.6	30.8
Finch Hatton Treated Water	TW	Total Metals	Iron (Total)	µg/L	1	-	≤300	12	N/A	0	3.38	171.49	23.59
Finch Hatton Treated Water	TW	Total Metals	Lead (Total)	µg/L	0.5 / 1	≤10	-	12	0	N/A	<0.5	3.14	0.64
Finch Hatton Treated Water	TW	Total Metals	Manganese (Total)	µg/L	1	≤500	≤100	12	0	0	1.62	47.53	7.04
Finch Hatton Treated Water	TW	Total Metals	Mercury (Total)	µg/L	0.05	≤1	-	5	0	N/A	<0.05	<0.05	<0.05
Finch Hatton Treated Water	TW	Total Metals	Molybdenum (Total)	µg/L	1	≤50	-	12	0	N/A	<1	10.1	1.39
Finch Hatton Treated Water	TW	Total Metals	Nickel (Total)	µg/L	0.5	≤20	-	12	0	N/A	<0.5	<0.5	<0.5

Water Supply Scheme - FH

Scheme	Location in system	Analytical Suite	Analyte	Unit of measure	Limit of reporting	ADWG Health guideline value	ADWG Aesthetic guideline value	Number of samples taken	Number of samples exceeding ADWG health guideline values'	Number of samples exceeding ADWG aesthetic guideline value	Min	Max	Mean
Finch Hatton Treated Water	TW	Total Metals	Selenium (Total)	µg/L	5	≤10	-	12	0	N/A	<5	<5	<5
Finch Hatton Treated Water	TW	Total Metals	Silver (Total)	µg/L	0.1	≤100	-	12	0	N/A	<0.1	0.85	0.17
Finch Hatton Treated Water	TW	Total Metals	Strontium (Total)	µg/L	1	-	-	12	N/A	N/A	88	121.69	103.61
Finch Hatton Treated Water	TW	Total Metals	Thallium (Total)	µg/L	0.5	-	-	12	N/A	N/A	<0.5	<0.5	<0.5
Finch Hatton Treated Water	TW	Total Metals	Tin (Total)	µg/L	1	-	-	11	N/A	N/A	<1	61.74	21.93
Finch Hatton Treated Water	TW	Total Metals	Titanium (Total)	µg/L	0.5	-	-	12	N/A	N/A	1.4	24.71	5.91
Finch Hatton Treated Water	TW	Total Metals	Uranium (Total)	µg/L	0.5	≤17	-	12	0	N/A	<0.5	7.69	1.09
Finch Hatton Treated Water	TW	Total Metals	Vanadium (Total)	µg/L	0.1	-	-	12	N/A	N/A	4.11	6.95	6.17
Finch Hatton Treated Water	TW	Total Metals	Zinc (Total)	µg/L	1	-	≤3,000	12	N/A	0	1.91	21.88	12.54
Finch Hatton Treated Water	TW	Oxyhalides	Chlorate	µg/L	20 / 50	-	-	5	N/A	N/A	<20	146.42	82.78
Finch Hatton Treated Water	TW	Oxyhalides	Chlorite	µg/L	20 / 50	≤800	-	5	0	N/A	<20	<20	<20
Finch Hatton Treated Water	TW	Oxyhalides	Bromate	µg/L	20 / 50	≤20	-	5	0	N/A	<20	<20	<20
Finch Hatton Treated Water	TW	Trihalomethanes	Bromodichloromethane	µg/L	1	≤250	-	12	0	N/A	1.2	2.66	1.65
Finch Hatton Treated Water	TW	Trihalomethanes	Bromoform	µg/L	1	≤250	-	12	0	N/A	<1	2.67	<1
Finch Hatton Treated Water	TW	Trihalomethanes	Chloroform	µg/L	1	≤250	-	12	0	N/A	<1	2.03	<1
Finch Hatton Treated Water	TW	Trihalomethanes	Dibromochloromethane	µg/L	1	≤250	-	12	0	N/A	2	3.11	2.3
Finch Hatton Treated Water	TW	Trihalomethanes	Trihalomethanes (Total)	µg/L	1	≤250	-	12	0	N/A	1.65	11.74	5.7
Finch Hatton Treated Water	TW	SVOCs	2,3,4,6-tetrachlorophenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	2,4,5-Trichlorophenol	µg/L	0.0001	≤100	-	2	0	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	2,4,6-Trichlorophenol	µg/L	0.0001	≤20	≤2	2	0	0	0	0	0
Finch Hatton Treated Water	TW	SVOCs	2,4-Dichlorophenol	µg/L	0.0001	≤200	≤0.3	2	0	0	0	0	0
Finch Hatton Treated Water	TW	SVOCs	2,4-Dimethylphenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	2,4-Dinitrophenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	2,6-Dichlorophenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	2-Chlorophenol	µg/L	0.0001	≤300	≤0.1	2	0	0	0	0	0
Finch Hatton Treated Water	TW	SVOCs	2-Methylphenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	2-Nitrophenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	3- & 4-Methylphenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	4,4'-DDD	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	4,4'-DDE	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	4,4'-DDT	µg/L	0.0001	≤9	-	2	0	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	4,6-Dinitro-2-methylphenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	4-Chloro-3-Methylphenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	4-Nitrophenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Acenaphthene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Acenaphthylene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Aldrin	µg/L	0.0001	≤0.3	-	2	0	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Alpha-BHC	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Ametryn	µg/L	0.0001	≤70	-	2	0	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Anthracene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Atrazine	µg/L	0.0001	≤20	-	2	0	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Azinophos methyl	µg/L	0.0001	≤30	-	2	0	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Benz(a)anthracene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Benzo(a)pyrene	µg/L	0.0001	≤0.01	-	2	0	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Benzo(b)fluoranthene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Benzo(g,h,i)perylene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Benzo(k)fluoranthene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Beta-BHC	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Bromacil	µg/L	0.0001	≤400	-	2	0	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Chlordane cis	µg/L	0.0001	≤2	-	2	0	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Chlordane trans	µg/L	0.0001	≤2	-	2	0	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Chlorpyrifos	µg/L	0.0001	≤10	-	2	0	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Chrysene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	delta-BHC	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0

Water Supply Scheme - FH

Scheme	Location in system	Analytical Suite	Analyte	Unit of measure	Limit of reporting	ADWG Health guideline value	ADWG Aesthetic guideline value	Number of samples taken	Number of samples exceeding ADWG health guideline values'	Number of samples exceeding ADWG aesthetic guideline value	Min	Max	Mean
Finch Hatton Treated Water	TW	SVOCs	Demeton-S-methyl	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Diazinon	µg/L	0.0001	≤4	-	2	0	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Dibenz(a,h)anthracene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Dichlorvos	µg/L	0.0001	≤5	-	2	0	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Dieldrin	µg/L	0.0001	≤0.3	-	2	0	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Dimethoate	µg/L	0.0001	≤7	-	2	0	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Dinoseb	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Diuron	µg/L	0.0001	≤20	-	2	0	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Endosulphan alpha	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Endosulphan beta	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Endosulphan Sulphate	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Endrin	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Endrin aldehyde	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Endrin ketone	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Ethion	µg/L	0.0001	≤4	-	2	0	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Fluoranthene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Fluorene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Heptachlor	µg/L	0.0001	≤0.3	-	2	0	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Heptachlor Epoxide	µg/L	0.0001	≤0.3	-	2	0	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Hexazinone	µg/L	0.0001	≤400	-	2	0	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Indeno(1,2,3-cd)pyrene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Lindane	µg/L	0.0001	≤10	-	2	0	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Malathion	µg/L	0.0001	≤70	-	2	0	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Methamidophos	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Methidathion	µg/L	0.0001	≤6	-	2	0	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Methoxychlor	µg/L	0.0001	≤300	-	2	0	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Metolachlor	µg/L	0.0001	≤300	-	2	0	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Metribuzin	µg/L	0.0001	≤70	-	2	0	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Naphthalene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Naphthalene, 1-methyl-	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Naphthalene, 2-methyl-	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Omethoate	µg/L	0.0001	≤1	-	2	0	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Pentachlorophenol	µg/L	0.0001	≤10	-	2	0	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Phenanthrene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Phenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Pirimiphos methyl	µg/L	0.0001	≤90	-	2	0	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Profenofos	µg/L	0.0001	≤0.3	-	2	0	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Prometryn	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Propazine	µg/L	0.0001	≤50	-	2	0	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Propyzamide	µg/L	0.0001	≤70	-	2	0	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Prothiofos	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Pyrazophos	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Pyrene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Simazine	µg/L	0.0001	≤20	-	2	0	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Tebuthiuron	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Terbutryn	µg/L	0.0001	≤400	-	2	0	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Tolclofos-methyl	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Finch Hatton Treated Water	TW	SVOCs	Trifluralin	µg/L	0.0001	≤90	-	2	0	N/A	0	0	0

Water Supply Scheme - GA

Scheme	Location in system	Analytical Suite	Analyte	Unit of measure	Limit of reporting	ADWG Health guideline value	ADWG Aesthetic guideline value	Number of samples taken	Number of samples exceeding ADWG health guideline values'	Number of samples exceeding ADWG aesthetic guideline value	Min	Max	Mean
Gargett Reservoir	RSV	Microbial	E. coli	MPN/100mL	1	0	-	12	0	N/A	0	0	0
Gargett Reservoir	RSV	Microbial	Heterotrophic Plate Count	cfu/mL	1	-	-	12	N/A	N/A	0	2	<1
Gargett Reservoir	RSV	Microbial	Total Coliforms	MPN/100mL	1	-	-	12	N/A	N/A	0	1	<1
Gargett Reservoir	RSV	Physical	Free Chlorine Residual	mg/L	0.02	-	-	12	N/A	N/A	0.81	1.28	0.99
Gargett Reservoir	RSV	Physical	Total Chlorine	mg/L	0.02	≤5	≤0.6	12	0	12	0.88	1.33	1.09
Gargett Reservoir	RSV	Physical	Temperature	°C	0.1	-	-	4	N/A	N/A	22.2	28	26
Gargett Reservoir	RSV	Physical	pH	pH unit	0-22	-	6.5-8.5	4	N/A	0	6.5	6.67	6.61
Gargett Reservoir	RSV	Physical	Conductivity	µS/cm	10	-	-	4	N/A	N/A	160.7	211.4	185.38
Gargett Reservoir	RSV	Physical	Turbidity	NTU	0.1	-	≤5	4	N/A	0	<0.1	1.38	0.44
Gargett Reservoir	RSV	Physical	Dissolved Oxygen	% Sat	0-118	-	≤85	4	N/A	3	53.4	85.6	71.83
Gargett Reservoir	RSV	Physical	Colour - True	TCU	1	-	≤15	4	N/A	0	<1	<1	<1
Gargett Reservoir	RSV	Physical	Alkalinity	mg/L	1	-	-	4	N/A	N/A	47.54	58.18	54.06
Gargett Reservoir	RSV	Physical	Bicarbonate	mg/L	0.1	-	-	4	N/A	N/A	56	69	64
Gargett Reservoir	RSV	Physical	Carbonate	mg/L	0.1	-	-	4	N/A	N/A	<0.1	<0.1	<0.1
Gargett Reservoir	RSV	Physical	Hydroxide	mg/L	0.1	-	-	4	N/A	N/A	<0.1	<0.1	<0.1
Gargett Reservoir	RSV	Physical	Free Carbon Dioxide	mg/L	1	-	-	4	N/A	N/A	20.3	36.8	27.1
Gargett Reservoir	RSV	TOC	Total Organic Carbon	mg/L	0.3	-	-	4	N/A	N/A	<0.3	<0.3	<0.3
Gargett Reservoir	RSV	Inorganic	Fluoride	mg/L	0.1	≤1.5	-	4	0	N/A	<0.1	<0.1	<0.1
Gargett Reservoir	RSV	Inorganic	Chloride	mg/L	0.005	-	≤250	4	N/A	0	13.13	16.33	14.34
Gargett Reservoir	RSV	Inorganic	Nitrate	mg/L	0.3	≤50	-	4	0	N/A	3.31	22.79	12.27
Gargett Reservoir	RSV	Inorganic	Nitrite	mg/L	0.4	≤3	-	4	0	N/A	<0.4	<0.4	<0.4
Gargett Reservoir	RSV	Inorganic	Bromide	mg/L	0.4	-	-	4	N/A	N/A	<0.4	<0.4	<0.4
Gargett Reservoir	RSV	Inorganic	Sulphate	mg/L	0.3	-	≤250	4	N/A	0	2.18	2.61	2.37
Gargett Reservoir	RSV	Inorganic	Phosphate	mg/L	0.5	-	-	4	N/A	N/A	<0.5	<0.5	<0.5
Gargett Reservoir	RSV	Inorganic	Calcium (Total)	mg/L	0.5	-	-	4	N/A	N/A	12.8	18.41	15.37
Gargett Reservoir	RSV	Inorganic	Potassium (Total)	mg/L	0.5	-	-	4	N/A	N/A	0.78	0.93	0.83
Gargett Reservoir	RSV	Inorganic	Magnesium (Total)	mg/L	0.5	-	-	4	N/A	N/A	3.51	4.8	4.25
Gargett Reservoir	RSV	Inorganic	Sodium (Total)	mg/L	1	-	≤180	4	N/A	0	12.4	16.36	14.61
Gargett Reservoir	RSV	Inorganic	Hardness	mg/L	0.25	-	≤200	4	N/A	0	46	66	55.77
Gargett Reservoir	RSV	Inorganic	Larson Index	LI	0	-	-	4	N/A	N/A	0.39	0.48	0.43
Gargett Reservoir	RSV	Total Metals	Aluminium (Total)	µg/L	5	-	≤200	4	N/A	0	<5	80.99	32.17
Gargett Reservoir	RSV	Total Metals	Antimony (Total)	µg/L	0.5	≤3	-	4	0	N/A	<0.5	<0.5	<0.5
Gargett Reservoir	RSV	Total Metals	Arsenic (Total)	µg/L	1	≤10	-	4	0	N/A	<1	<1	<1
Gargett Reservoir	RSV	Total Metals	Barium (Total)	µg/L	1	≤2,000	-	4	0	N/A	11.15	17.64	14.47
Gargett Reservoir	RSV	Total Metals	Beryllium (Total)	µg/L	0.5	≤60	-	4	0	N/A	<0.5	<0.5	<0.5
Gargett Reservoir	RSV	Total Metals	Boron (Total)	µg/L	5	≤4,000	-	4	0	N/A	7.16	11.03	9.16
Gargett Reservoir	RSV	Total Metals	Cadmium (Total)	µg/L	0.1	≤2	-	4	0	N/A	<0.1	<0.1	<0.1
Gargett Reservoir	RSV	Total Metals	Chromium (Total)	µg/L	0.1	≤50	-	4	0	N/A	0.11	0.21	0.17
Gargett Reservoir	RSV	Total Metals	Cobalt (Total)	µg/L	0.2	-	-	4	N/A	N/A	<0.2	<0.2	<0.2
Gargett Reservoir	RSV	Total Metals	Copper (Total)	µg/L	1	≤2,000	≤1,000	4	0	0	10.39	13.34	12.08
Gargett Reservoir	RSV	Total Metals	Iron (Total)	µg/L	1	-	≤300	4	N/A	0	5.35	63.48	25.52
Gargett Reservoir	RSV	Total Metals	Lead (Total)	µg/L	0.5 / 1	≤10	-	4	0	N/A	0.51	0.91	0.74
Gargett Reservoir	RSV	Total Metals	Manganese (Total)	µg/L	1	≤500	≤100	4	0	0	<1	0.33	<1
Gargett Reservoir	RSV	Total Metals	Mercury (Total)	µg/L	0.05	≤1	-	4	0	N/A	<0.05	<0.05	<0.05
Gargett Reservoir	RSV	Total Metals	Molybdenum (Total)	µg/L	1	≤50	-	4	0	N/A	<1	<1	<1
Gargett Reservoir	RSV	Total Metals	Nickel (Total)	µg/L	0.5	≤20	-	4	0	N/A	<0.5	<0.5	<0.5
Gargett Reservoir	RSV	Total Metals	Selenium (Total)	µg/L	5	≤10	-	4	0	N/A	<5	<5	<5
Gargett Reservoir	RSV	Total Metals	Silver (Total)	µg/L	0.1	≤100	-	4	0	N/A	<0.1	<0.1	<0.1
Gargett Reservoir	RSV	Total Metals	Strontium (Total)	µg/L	1	-	-	4	N/A	N/A	101.5	168.98	144.44
Gargett Reservoir	RSV	Total Metals	Thallium (Total)	µg/L	0.5	-	-	4	N/A	N/A	<0.5	<0.5	<0.5
Gargett Reservoir	RSV	Total Metals	Tin (Total)	µg/L	1	-	-	4	N/A	N/A	3.62	60.87	34.54
Gargett Reservoir	RSV	Total Metals	Titanium (Total)	µg/L	0.5	-	-	4	N/A	N/A	2.33	5.71	4.21
Gargett Reservoir	RSV	Total Metals	Uranium (Total)	µg/L	0.5	≤17	-	4	0	N/A	<0.5	0.73	<0.5
Gargett Reservoir	RSV	Total Metals	Vanadium (Total)	µg/L	0.1	-	-	4	N/A	N/A	0.99	2.16	1.31

Water Supply Scheme - GA

Scheme	Location in system	Analytical Suite	Analyte	Unit of measure	Limit of reporting	ADWG Health guideline value	ADWG Aesthetic guideline value	Number of samples taken	Number of samples exceeding ADWG health guideline values'	Number of samples exceeding ADWG aesthetic guideline value	Min	Max	Mean
Gargett Reservoir	RSV	Total Metals	Zinc (Total)	µg/L	1	-	≤3,000	4	N/A	0	19.34	25.51	22.05
Gargett Reticulation	RTN	Microbial	E. coli	MPN/100mL	1	0	-	12	0	N/A	0	0	0
Gargett Reticulation	RTN	Microbial	Heterotrophic Plate Count	cfu/mL	1	-	-	12	N/A	N/A	0	10	1
Gargett Reticulation	RTN	Microbial	Total Coliforms	MPN/100mL	1	-	-	12	N/A	N/A	0	0	0
Gargett Reticulation	RTN	Physical	Free Chlorine Residual	mg/L	0.02	-	-	12	N/A	N/A	0.68	1.19	0.92
Gargett Reticulation	RTN	Physical	Total Chlorine	mg/L	0.02	≤5	≤0.6	12	0	12	0.79	1.26	1
Gargett Reticulation	RTN	Physical	Temperature	°C	0.1	-	-	12	N/A	N/A	19.3	29.1	25.69
Gargett Reticulation	RTN	Physical	pH	pH unit	0-23	-	6.5-8.5	12	N/A	0	6.39	6.9	6.63
Gargett Reticulation	RTN	Physical	Conductivity	µS/cm	10	-	-	12	N/A	N/A	143.5	229.9	190.58
Gargett Reticulation	RTN	Physical	Turbidity	NTU	0.1	-	≤5	12	N/A	0	<0.1	1.63	0.41
Gargett Reticulation	RTN	Physical	Dissolved Oxygen	% Sat	0-119	-	≥85	12	N/A	8	55.1	97.2	76.37
Gargett Reticulation	RTN	Physical	Colour - True	TCU	1	-	≤15	12	N/A	0	<1	3	<1
Gargett Reticulation	RTN	Physical	Alkalinity	mg/L	1	-	-	12	N/A	N/A	46.58	67.24	56.03
Gargett Reticulation	RTN	Physical	Bicarbonate	mg/L	0.1	-	-	12	N/A	N/A	55	79	66
Gargett Reticulation	RTN	Physical	Carbonate	mg/L	0.1	-	-	12	N/A	N/A	<0.1	<0.1	<0.1
Gargett Reticulation	RTN	Physical	Hydroxide	mg/L	0.1	-	-	12	N/A	N/A	<0.1	<0.1	<0.1
Gargett Reticulation	RTN	Physical	Free Carbon Dioxide	mg/L	1	-	-	12	N/A	N/A	11.9	44.3	28.22
Gargett Reticulation	RTN	TOC	Total Organic Carbon	mg/L	0.3	-	-	12	N/A	N/A	<0.3	0.49	<0.3
Gargett Reticulation	RTN	Inorganic	Fluoride	mg/L	0.1	≤1.5	-	12	0	N/A	<0.1	<0.1	<0.1
Gargett Reticulation	RTN	Inorganic	Chloride	mg/L	0.005	-	≤250	12	N/A	0	11.71	16.76	14.7
Gargett Reticulation	RTN	Inorganic	Nitrate	mg/L	0.3	≤50	-	12	0	N/A	0.86	30.99	13.43
Gargett Reticulation	RTN	Inorganic	Nitrite	mg/L	0.4	≤3	-	12	0	N/A	<0.4	<0.4	<0.4
Gargett Reticulation	RTN	Inorganic	Bromide	mg/L	0.4	-	-	12	N/A	N/A	<0.4	<0.4	<0.4
Gargett Reticulation	RTN	Inorganic	Sulphate	mg/L	0.3	-	≤250	12	N/A	0	2.19	2.98	2.48
Gargett Reticulation	RTN	Inorganic	Phosphate	mg/L	0.5	-	-	12	N/A	N/A	<0.5	<0.5	<0.5
Gargett Reticulation	RTN	Inorganic	Calcium (Total)	mg/L	0.5	N/A	-	12	N/A	N/A	10.51	22.63	15.91
Gargett Reticulation	RTN	Inorganic	Potassium (Total)	mg/L	0.5	-	-	12	N/A	N/A	0.54	1.03	0.81
Gargett Reticulation	RTN	Inorganic	Magnesium (Total)	mg/L	0.5	-	-	12	N/A	N/A	2.92	5.92	4.3
Gargett Reticulation	RTN	Inorganic	Sodium (Total)	mg/L	1	-	≤180	12	N/A	0	11.62	19.56	14.4
Gargett Reticulation	RTN	Inorganic	Hardness	mg/L	0.25	-	≤200	12	N/A	0	38	81	57.39
Gargett Reticulation	RTN	Inorganic	Larson Index	Li	0	-	-	12	N/A	N/A	0.33	0.53	0.43
Gargett Reticulation	RTN	Total Metals	Aluminium (Total)	µg/L	5	-	≤200	12	N/A	0	<5	76.04	14.83
Gargett Reticulation	RTN	Total Metals	Antimony (Total)	µg/L	0.5	≤3	-	12	0	N/A	<0.5	1.08	<0.5
Gargett Reticulation	RTN	Total Metals	Arsenic (Total)	µg/L	1	≤10	-	12	0	N/A	<1	<1	<1
Gargett Reticulation	RTN	Total Metals	Barium (Total)	µg/L	1	≤2,000	-	12	0	N/A	10.19	21.8	14.41
Gargett Reticulation	RTN	Total Metals	Beryllium (Total)	µg/L	0.5	≤60	-	12	0	N/A	<0.5	<0.5	<0.5
Gargett Reticulation	RTN	Total Metals	Boron (Total)	µg/L	5	≤4,000	-	12	0	N/A	5.36	11.69	9.32
Gargett Reticulation	RTN	Total Metals	Cadmium (Total)	µg/L	0.1	≤2	-	12	0	N/A	<0.1	<0.1	<0.1
Gargett Reticulation	RTN	Total Metals	Chromium (Total)	µg/L	0.1	≤50	-	12	0	N/A	<0.1	0.27	0.12
Gargett Reticulation	RTN	Total Metals	Cobalt (Total)	µg/L	0.2	-	-	12	N/A	N/A	<0.2	<0.2	<0.2
Gargett Reticulation	RTN	Total Metals	Copper (Total)	µg/L	1	≤2,000	≤1,000	12	0	0	11.79	126.23	92.68
Gargett Reticulation	RTN	Total Metals	Iron (Total)	µg/L	1	-	≤300	12	N/A	0	<1	174.16	28.55
Gargett Reticulation	RTN	Total Metals	Lead (Total)	µg/L	0.5 / 1	≤10	-	12	0	N/A	0.74	8.65	2.94
Gargett Reticulation	RTN	Total Metals	Manganese (Total)	µg/L	1	≤500	≤100	12	0	0	<1	2.07	<1
Gargett Reticulation	RTN	Total Metals	Mercury (Total)	µg/L	0.05	≤1	-	4	0	N/A	<0.05	<0.05	<0.05
Gargett Reticulation	RTN	Total Metals	Molybdenum (Total)	µg/L	1	≤50	-	12	0	N/A	<1	1.17	<1
Gargett Reticulation	RTN	Total Metals	Nickel (Total)	µg/L	0.5	≤20	-	12	0	N/A	<0.5	0.62	<0.5
Gargett Reticulation	RTN	Total Metals	Selenium (Total)	µg/L	5	≤10	-	12	0	N/A	<5	<5	<5
Gargett Reticulation	RTN	Total Metals	Silver (Total)	µg/L	0.1	≤100	-	12	0	N/A	<0.1	0.88	0.17
Gargett Reticulation	RTN	Total Metals	Strontium (Total)	µg/L	1	-	-	12	N/A	N/A	91.5	233.79	141.29
Gargett Reticulation	RTN	Total Metals	Thallium (Total)	µg/L	0.5	-	-	12	N/A	N/A	<0.5	<0.5	<0.5
Gargett Reticulation	RTN	Total Metals	Tin (Total)	µg/L	1	-	-	11	N/A	N/A	<1	74.68	31.33
Gargett Reticulation	RTN	Total Metals	Titanium (Total)	µg/L	0.5	-	-	12	N/A	N/A	1.01	6.7	3.83
Gargett Reticulation	RTN	Total Metals	Uranium (Total)	µg/L	0.5	≤17	-	12	0	N/A	<0.5	1.33	<0.5

Water Supply Scheme - GA

Scheme	Location in system	Analytical Suite	Analyte	Unit of measure	Limit of reporting	ADWG Health guideline value	ADWG Aesthetic guideline value	Number of samples taken	Number of samples exceeding ADWG health guideline values'	Number of samples exceeding ADWG aesthetic guideline value	Min	Max	Mean
Gargett Reticulation	RTN	Total Metals	Vanadium (Total)	µg/L	0.1	-	-	12	N/A	N/A	0.93	2.15	1.18
Gargett Reticulation	RTN	Total Metals	Zinc (Total)	µg/L	1	-	≤3,000	12	N/A	0	9.06	21.78	13.38
Gargett Reticulation	RTN	Oxyhalides	Chlorate	µg/L	20 / 50	-	-	12	N/A	N/A	<20	260.31	70.48
Gargett Reticulation	RTN	Oxyhalides	Chlorite	µg/L	20 / 50	≤800	-	12	0	N/A	<20	<20	<20
Gargett Reticulation	RTN	Oxyhalides	Bromate	µg/L	20 / 50	≤20	-	12	0	N/A	<20	<20	<20
Gargett Reticulation	RTN	Trihalomethanes	Bromodichloromethane	µg/L	1	≤250	-	4	0	N/A	1.2	5.41	3.42
Gargett Reticulation	RTN	Trihalomethanes	Bromoform	µg/L	1	≤250	-	4	0	N/A	<1	3.29	1.69
Gargett Reticulation	RTN	Trihalomethanes	Chloroform	µg/L	1	≤250	-	4	0	N/A	<1	5.99	2.73
Gargett Reticulation	RTN	Trihalomethanes	Dibromochloromethane	µg/L	1	<250	-	4	0	N/A	1.8	4.5	3.65
Gargett Reticulation	RTN	Trihalomethanes	Trihalomethanes (Total)	µg/L	1	≤250	-	4	0	N/A	4.5	17.26	11.7
Gargett Treated Water	TW	Microbial	E. coli	MPN/100mL	1	0	-	12	0	N/A	0	0	0
Gargett Treated Water	TW	Microbial	Heterotrophic Plate Count	cfu/mL	1	-	-	12	N/A	N/A	0	16	3.5
Gargett Treated Water	TW	Microbial	Total Coliforms	MPN/100mL	1	-	-	12	N/A	N/A	0	0	0
Gargett Treated Water	TW	Physical	Free Chlorine Residual	mg/L	0.02	-	-	11	N/A	N/A	0.1	1.77	1.08
Gargett Treated Water	TW	Physical	Total Chlorine	mg/L	0.02	≤5	≤0.6	11	0	10	0.35	2.1	1.26
Gargett Treated Water	TW	Physical	pH	pH unit	0-24	-	6.5-8.5	12	N/A	0	6.62	8.23	7.02
Gargett Treated Water	TW	Physical	Conductivity	µS/cm	10	-	-	12	N/A	N/A	109.8	506.9	202.25
Gargett Treated Water	TW	Physical	Turbidity	NTU	0.1	-	≤5	12	N/A	0	<0.1	4.34	0.69
Gargett Treated Water	TW	Physical	Dissolved Oxygen	% Sat	0-120	-	≤85	12	N/A	12	41.2	80.2	65.53
Gargett Treated Water	TW	Physical	Colour - True	TCU	1	-	≤15	12	N/A	0	<1	4	1
Gargett Treated Water	TW	Physical	Alkalinity	mg/L	1	-	-	11	N/A	N/A	44.4	59.94	53.62
Gargett Treated Water	TW	Physical	Bicarbonate	mg/L	0.1	-	-	11	N/A	N/A	52	71	63
Gargett Treated Water	TW	Physical	Carbonate	mg/L	0.1	-	-	11	N/A	N/A	<0.1	0.6	0.1
Gargett Treated Water	TW	Physical	Hydroxide	mg/L	0.1	-	-	11	N/A	N/A	<0.1	<0.1	<0.1
Gargett Treated Water	TW	Physical	Free Carbon Dioxide	mg/L	1	-	-	11	N/A	N/A	<1	25.7	13.71
Gargett Treated Water	TW	TOC	Total Organic Carbon	mg/L	0.3	-	-	12	N/A	N/A	<0.3	<0.3	<0.3
Gargett Treated Water	TW	Inorganic	Fluoride	mg/L	0.1	≤1.5	-	12	0	N/A	<0.1	<0.1	<0.1
Gargett Treated Water	TW	Inorganic	Chloride	mg/L	0.005	-	≤250	12	N/A	0	10.9	16.04	13.79
Gargett Treated Water	TW	Inorganic	Nitrate	mg/L	0.3	≤50	-	12	0	N/A	0.79	25.16	10.15
Gargett Treated Water	TW	Inorganic	Nitrite	mg/L	0.4	≤3	-	12	0	N/A	<0.4	<0.4	<0.4
Gargett Treated Water	TW	Inorganic	Bromide	mg/L	0.4	-	-	12	N/A	N/A	<0.4	<0.4	<0.4
Gargett Treated Water	TW	Inorganic	Sulphate	mg/L	0.3	-	≤250	12	N/A	0	1.64	3.52	2.44
Gargett Treated Water	TW	Inorganic	Phosphate	mg/L	0.5	-	-	12	N/A	N/A	<0.5	0.54	<0.5
Gargett Treated Water	TW	Inorganic	Calcium (Total)	mg/L	0.5	-	-	12	N/A	N/A	12.1	18.53	15.34
Gargett Treated Water	TW	Inorganic	Potassium (Total)	mg/L	0.5	-	-	12	N/A	N/A	0.62	0.92	0.82
Gargett Treated Water	TW	Inorganic	Magnesium (Total)	mg/L	0.5	-	-	12	N/A	N/A	3.15	5.31	4.41
Gargett Treated Water	TW	Inorganic	Sodium (Total)	mg/L	1	-	≤180	12	N/A	0	10.33	16.45	13.2
Gargett Treated Water	TW	Inorganic	Hardness	mg/L	0.25	-	≤200	12	N/A	0	43.16	67	56.51
Gargett Treated Water	TW	Inorganic	Larson Index	LI	0	-	-	11	N/A	N/A	0.33	0.54	0.43
Gargett Treated Water	TW	Total Metals	Aluminium (Total)	µg/L	5	-	≤200	12	N/A	0	<5	56.47	15.41
Gargett Treated Water	TW	Total Metals	Antimony (Total)	µg/L	0.5	≤3	-	12	0	N/A	<0.5	<0.5	<0.5
Gargett Treated Water	TW	Total Metals	Arsenic (Total)	µg/L	1	≤10	-	12	0	N/A	<1	<1	<1
Gargett Treated Water	TW	Total Metals	Barium (Total)	µg/L	1	≤2,000	-	12	0	N/A	8.69	19.14	14.19
Gargett Treated Water	TW	Total Metals	Beryllium (Total)	µg/L	0.5	≤60	-	12	0	N/A	<0.5	<0.5	<0.5
Gargett Treated Water	TW	Total Metals	Boron (Total)	µg/L	5	≤4,000	-	12	0	N/A	5.7	13.1	10.05
Gargett Treated Water	TW	Total Metals	Cadmium (Total)	µg/L	0.1	≤2	-	12	0	N/A	<0.1	<0.1	<0.1
Gargett Treated Water	TW	Total Metals	Chromium (Total)	µg/L	0.1	≤50	-	12	0	N/A	<0.1	0.2	<0.1
Gargett Treated Water	TW	Total Metals	Cobalt (Total)	µg/L	0.2	-	-	12	N/A	N/A	<0.2	<0.2	<0.2
Gargett Treated Water	TW	Total Metals	Copper (Total)	µg/L	1	≤2,000	≤1,000	12	0	0	7.18	174.69	39.85
Gargett Treated Water	TW	Total Metals	Iron (Total)	µg/L	1	-	≤300	12	N/A	0	2.56	340.75	53.24
Gargett Treated Water	TW	Total Metals	Lead (Total)	µg/L	0.5 / 1	≤10	-	12	0	N/A	<0.5	1.41	0.57
Gargett Treated Water	TW	Total Metals	Manganese (Total)	µg/L	1	≤500	≤100	12	0	0	<1	1.39	<1
Gargett Treated Water	TW	Total Metals	Mercury (Total)	µg/L	0.05	≤1	-	5	0	N/A	<0.05	<0.05	<0.05
Gargett Treated Water	TW	Total Metals	Molybdenum (Total)	µg/L	1	≤50	-	12	0	N/A	<1	1.87	<1

Water Supply Scheme - GA

Scheme	Location in system	Analytical Suite	Analyte	Unit of measure	Limit of reporting	ADWG Health guideline value	ADWG Aesthetic guideline value	Number of samples taken	Number of samples exceeding ADWG health guideline values'	Number of samples exceeding ADWG aesthetic guideline value	Min	Max	Mean
Gargett Treated Water	TW	Total Metals	Nickel (Total)	µg/L	0.5	≤20	-	12	0	N/A	<0.5	<0.5	<0.5
Gargett Treated Water	TW	Total Metals	Selenium (Total)	µg/L	5	≤10	-	12	0	N/A	<5	<5	<5
Gargett Treated Water	TW	Total Metals	Silver (Total)	µg/L	0.1	≤100	-	12	0	N/A	<0.1	1.06	0.19
Gargett Treated Water	TW	Total Metals	Strontium (Total)	µg/L	1	-	-	12	N/A	N/A	96.37	166.13	134.29
Gargett Treated Water	TW	Total Metals	Thallium (Total)	µg/L	0.5	-	-	12	N/A	N/A	<0.5	<0.5	<0.5
Gargett Treated Water	TW	Total Metals	Tin (Total)	µg/L	1	-	-	11	N/A	N/A	<1	42.62	17.78
Gargett Treated Water	TW	Total Metals	Titanium (Total)	µg/L	0.5	-	-	12	N/A	N/A	<0.5	7.94	3.5
Gargett Treated Water	TW	Total Metals	Uranium (Total)	µg/L	0.5	≤17	-	12	0	N/A	<0.5	1.67	<0.5
Gargett Treated Water	TW	Total Metals	Vanadium (Total)	µg/L	0.1	-	-	12	N/A	N/A	0.82	1.52	1.04
Gargett Treated Water	TW	Total Metals	Zinc (Total)	µg/L	1	-	≤3,000	12	N/A	0	1.59	23.33	8.63
Gargett Treated Water	TW	Oxyhalides	Chlorate	µg/L	20 / 50	-	-	5	N/A	N/A	<20	174.68	74.82
Gargett Treated Water	TW	Oxyhalides	Chlorite	µg/L	20 / 50	≤800	-	5	0	N/A	<20	<20	<20
Gargett Treated Water	TW	Oxyhalides	Bromate	µg/L	20 / 50	≤20	-	5	0	N/A	<20	<20	<20
Gargett Treated Water	TW	Trihalomethanes	Bromodichloromethane	µg/L	1	≤250	-	12	0	N/A	<1	6.14	1.79
Gargett Treated Water	TW	Trihalomethanes	Bromoform	µg/L	1	≤250	-	12	0	N/A	<1	2.22	<1
Gargett Treated Water	TW	Trihalomethanes	Chloroform	µg/L	1	≤250	-	12	0	N/A	<1	6.6	1.76
Gargett Treated Water	TW	Trihalomethanes	Dibromochloromethane	µg/L	1	≤250	-	12	0	N/A	<1	4.77	1.69
Gargett Treated Water	TW	Trihalomethanes	Trihalomethanes (Total)	µg/L	1	≤250	-	12	0	N/A	<1	19.2	6.15
Gargett Treated Water	TW	SVOCs	2,3,4,6-tetrachlorophenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	2,4,5-Trichlorophenol	µg/L	0.0001	≤100	-	2	0	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	2,4,6-Trichlorophenol	µg/L	0.0001	≤20	≤2	2	0	0	0	0	0
Gargett Treated Water	TW	SVOCs	2,4-Dichlorophenol	µg/L	0.0001	≤200	≤0.3	2	0	0	0	0	0
Gargett Treated Water	TW	SVOCs	2,4-Dimethylphenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	2,4-Dinitrophenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	2,6-Dichlorophenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	2-Chlorophenol	µg/L	0.0001	≤300	≤0.1	2	0	0	0	0	0
Gargett Treated Water	TW	SVOCs	2-Methylphenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	2-Nitrophenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	3- & 4-Methylphenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	4,4'-DDD	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	4,4'-DDE	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	4,4'-DDT	µg/L	0.0001	≤9	-	2	0	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	4,6-Dinitro-2-methylphenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	4-Chloro-3-Methylphenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	4-Nitrophenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Acenaphthene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Acenaphthylene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Aldrin	µg/L	0.0001	≤0.3	-	2	0	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Alpha-BHC	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Ametryn	µg/L	0.0001	≤70	-	2	0	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Anthracene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Atrazine	µg/L	0.0001	≤20	-	2	0	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Azinophos methyl	µg/L	0.0001	≤30	-	2	0	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Benzo(a)anthracene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Benzo(a)pyrene	µg/L	0.0001	≤0.01	-	2	0	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Benzo(b)fluoranthene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Benzo(g,h,i)perylene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Benzo(k)fluoranthene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Beta-BHC	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Bromacil	µg/L	0.0001	≤400	-	2	0	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Chlordane cis	µg/L	0.0001	≤2	-	2	0	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Chlordane trans	µg/L	0.0001	≤2	-	2	0	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Chlorpyrifos	µg/L	0.0001	≤10	-	2	0	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Chrysene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0

Water Supply Scheme - GA

Scheme	Location in system	Analytical Suite	Analyte	Unit of measure	Limit of reporting	ADWG Health guideline value	ADWG Aesthetic guideline value	Number of samples taken	Number of samples exceeding ADWG health guideline values'	Number of samples exceeding ADWG aesthetic guideline value	Min	Max	Mean
Gargett Treated Water	TW	SVOCs	delta-BHC	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Demeton-S-methyl	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Diazinon	µg/L	0.0001	≤4	-	2	0	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Dibenz(a,h)anthracene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Dichlorvos	µg/L	0.0001	≤5	-	2	0	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Dieldrin	µg/L	0.0001	≤0.3	-	2	0	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Dimethoate	µg/L	0.0001	≤7	-	2	0	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Dinoseb	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Diuron	µg/L	0.0001	≤20	-	2	0	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Endosulphan alpha	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Endosulphan beta	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Endosulphan Sulphate	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Endrin	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Endrin aldehyde	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Endrin ketone	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Ethion	µg/L	0.0001	≤4	-	2	0	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Fluoranthene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Fluorene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Heptachlor	µg/L	0.0001	≤0.3	-	2	0	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Heptachlor Epoxide	µg/L	0.0001	≤0.3	-	2	0	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Hexazinone	µg/L	0.0001	≤400	-	2	0	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Indeno(1,2,3.cd)pyrene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Lindane	µg/L	0.0001	≤10	-	2	0	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Malathion	µg/L	0.0001	≤70	-	2	0	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Methamidophos	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Methidathion	µg/L	0.0001	≤6	-	2	0	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Methoxychlor	µg/L	0.0001	≤300	-	2	0	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Metolachlor	µg/L	0.0001	≤300	-	2	0	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Metribuzin	µg/L	0.0001	≤70	-	2	0	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Naphthalene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Naphthalene, 1-methyl-	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Naphthalene, 2-methyl-	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Omethoate	µg/L	0.0001	≤1	-	2	0	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Pentachlorophenol	µg/L	0.0001	≤10	-	2	0	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Phenanthrene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Phenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Pirimiphos methyl	µg/L	0.0001	≤90	-	2	0	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Profenofos	µg/L	0.0001	≤0.3	-	2	0	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Prometryn	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Propazine	µg/L	0.0001	≤50	-	2	0	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Propyzamide	µg/L	0.0001	≤70	-	2	0	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Prothiofos	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Pyrazophos	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Pyrene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Simazine	µg/L	0.0001	≤20	-	2	0	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Tebuthiuron	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Terbutryn	µg/L	0.0001	≤400	-	2	0	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Toxiclofos-methyl	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Gargett Treated Water	TW	SVOCs	Trifluralin	µg/L	0.0001	≤90	-	2	0	N/A	0	0	0

Water Supply Scheme - KM

Scheme	Location in system	Analytical Suite	Analyte	Unit of measure	Limit of reporting	ADWG Health guideline value	ADWG Aesthetic guideline value	Number of samples taken	Number of samples exceeding ADWG health guideline values'	Number of samples exceeding ADWG aesthetic guideline value	Min	Max	Mean
Koumala Treated Water	TW	Microbial	E. coli	MPN/100mL	1	0	-	25	0	N/A	0	0	0
Koumala Treated Water	TW	Microbial	Heterotrophic Plate Count	cfu/mL	1	-	-	25	N/A	N/A	0	56	21.28
Koumala Treated Water	TW	Microbial	Total Coliforms	MPN/100mL	1	-	-	25	N/A	N/A	0	0	0
Koumala Treated Water	TW	Physical	Free Chlorine Residual	mg/L	0.02	-	-	26	N/A	N/A	0.51	1.91	1.14
Koumala Treated Water	TW	Physical	Total Chlorine	mg/L	0.02	≤5	≤0.6	26	0	25	0.52	1.99	1.2
Koumala Treated Water	TW	Physical	Temperature	°C	0.1	-	-	12	N/A	N/A	20.1	29.9	25.77
Koumala Treated Water	TW	Physical	pH	pH unit	0-25	-	6.5-8.5	26	N/A	3	7.19	9.09	7.9
Koumala Treated Water	TW	Physical	Conductivity	µS/cm	10	-	-	26	N/A	N/A	630.1	954.2	832.63
Koumala Treated Water	TW	Physical	Turbidity	NTU	0.1	-	≤5	26	N/A	0	<0.1	1.94	0.29
Koumala Treated Water	TW	Physical	Dissolved Oxygen	% Sat	0-121	-	≤85	26	N/A	5	54.5	117.1	87.95
Koumala Treated Water	TW	Physical	Colour - True	TCU	1	0	≤15	26	N/A	0	<1	7	<1
Koumala Treated Water	TW	Physical	Alkalinity	mg/L	1	-	-	25	N/A	N/A	123.26	320.88	235.83
Koumala Treated Water	TW	Physical	Bicarbonate	mg/L	0.1	-	-	25	N/A	N/A	145	377	274.48
Koumala Treated Water	TW	Physical	Carbonate	mg/L	0.1	-	-	25	N/A	N/A	0.1	15.3	1.92
Koumala Treated Water	TW	Physical	Hydroxide	mg/L	0.1	-	-	25	N/A	N/A	<0.1	0.2	<0.1
Koumala Treated Water	TW	Physical	Free Carbon Dioxide	mg/L	1	-	-	25	N/A	N/A	<1	21.5	8.33
Koumala Treated Water	TW	TOC	Total Organic Carbon	mg/L	0.3	-	-	26	N/A	N/A	<0.3	<0.3	<0.3
Koumala Treated Water	TW	Inorganic	Fluoride	mg/L	0.1	≤1.5	-	26	0	N/A	<0.1	0.14	<0.1
Koumala Treated Water	TW	Inorganic	Chloride	mg/L	0.005	-	≤250	26	N/A	0	74.68	132.46	111.41
Koumala Treated Water	TW	Inorganic	Nitrate	mg/L	0.3	≤50	-	26	0	N/A	1.14	20.33	16.38
Koumala Treated Water	TW	Inorganic	Nitrite	mg/L	0.4	≤3	-	26	0	N/A	<0.4	0.49	<0.4
Koumala Treated Water	TW	Inorganic	Bromide	mg/L	0.4	-	-	26	N/A	N/A	<0.4	8.22	0.75
Koumala Treated Water	TW	Inorganic	Sulphate	mg/L	0.3	-	≤250	26	N/A	0	2.82	10.95	4.64
Koumala Treated Water	TW	Inorganic	Phosphate	mg/L	0.5	-	-	26	N/A	N/A	<0.5	<0.5	<0.5
Koumala Treated Water	TW	Inorganic	Calcium (Total)	mg/L	0.5	-	-	26	N/A	N/A	6.88	102.9	50.41
Koumala Treated Water	TW	Inorganic	Potassium (Total)	mg/L	0.5	-	-	26	N/A	N/A	<0.5	<0.5	<0.5
Koumala Treated Water	TW	Inorganic	Magnesium (Total)	mg/L	0.5	-	-	26	N/A	N/A	15.2	41.3	30.63
Koumala Treated Water	TW	Inorganic	Sodium (Total)	mg/L	1	-	≤180	26	N/A	0	39.51	113.06	71.92
Koumala Treated Water	TW	Inorganic	Hardness	mg/L	0.25	-	≤200	26	N/A	9	87	427	251.99
Koumala Treated Water	TW	Inorganic	Larson Index	LI	0	-	-	25	N/A	N/A	0.4	1.26	0.78
Koumala Treated Water	TW	Total Metals	Aluminium (Total)	µg/L	5	-	≤200	26	N/A	1	<5	462.26	24.05
Koumala Treated Water	TW	Total Metals	Antimony (Total)	µg/L	0.5	≤3	-	26	0	N/A	<0.5	1	<0.5
Koumala Treated Water	TW	Total Metals	Arsenic (Total)	µg/L	1	≤10	-	26	0	N/A	<1	1.93	<1
Koumala Treated Water	TW	Total Metals	Barium (Total)	µg/L	1	≤2,000	-	26	0	N/A	<1	33.32	2.46
Koumala Treated Water	TW	Total Metals	Beryllium (Total)	µg/L	0.5	≤60	-	26	0	N/A	<0.5	<0.5	<0.5
Koumala Treated Water	TW	Total Metals	Boron (Total)	µg/L	5	≤4,000	-	26	0	N/A	13.96	97.02	21.47
Koumala Treated Water	TW	Total Metals	Cadmium (Total)	µg/L	0.1	≤2	-	26	0	N/A	<0.1	<0.1	<0.1
Koumala Treated Water	TW	Total Metals	Chromium (Total)	µg/L	0.1	≤50	-	26	0	N/A	<0.1	1.9	0.26
Koumala Treated Water	TW	Total Metals	Cobalt (Total)	µg/L	0.2	-	-	26	N/A	N/A	<0.2	<0.2	<0.2
Koumala Treated Water	TW	Total Metals	Copper (Total)	µg/L	1	≤2,000	≤1,000	26	0	0	<1	19.05	9.78
Koumala Treated Water	TW	Total Metals	Iron (Total)	µg/L	1	-	≤300	26	N/A	0	5.02	142.6	18.13
Koumala Treated Water	TW	Total Metals	Lead (Total)	µg/L	0.5 / 1	≤10	-	26	0	N/A	<0.5	3.95	0.64
Koumala Treated Water	TW	Total Metals	Manganese (Total)	µg/L	1	≤500	≤100	26	0	0	<1	52.87	2.65
Koumala Treated Water	TW	Total Metals	Mercury (Total)	µg/L	0.05	≤1	-	8	0	N/A	<0.05	<0.05	<0.05
Koumala Treated Water	TW	Total Metals	Molybdenum (Total)	µg/L	1	≤50	-	26	0	N/A	<1	8.43	1.05
Koumala Treated Water	TW	Total Metals	Nickel (Total)	µg/L	0.5	≤20	-	26	0	N/A	<0.5	<0.5	<0.5
Koumala Treated Water	TW	Total Metals	Selenium (Total)	µg/L	5	≤10	-	26	0	N/A	<5	<5	<5
Koumala Treated Water	TW	Total Metals	Silver (Total)	µg/L	0.1	≤100	-	26	0	N/A	<0.1	2.46	0.24
Koumala Treated Water	TW	Total Metals	Strontium (Total)	µg/L	1	-	-	26	N/A	N/A	29.9	378.72	234.5
Koumala Treated Water	TW	Total Metals	Thallium (Total)	µg/L	0.5	-	-	26	N/A	N/A	<0.5	0.52	<0.5
Koumala Treated Water	TW	Total Metals	Tin (Total)	µg/L	1	-	-	26	N/A	N/A	<1	110.99	33.49
Koumala Treated Water	TW	Total Metals	Titanium (Total)	µg/L	0.5	-	-	26	N/A	N/A	2.09	33.34	7.95
Koumala Treated Water	TW	Total Metals	Uranium (Total)	µg/L	0.5	≤17	-	26	0	N/A	<0.5	9.1	1.49
Koumala Treated Water	TW	Total Metals	Vanadium (Total)	µg/L	0.1	-	-	26	N/A	N/A	2.23	26.98	14.41

Water Supply Scheme - KM

Scheme	Location in system	Analytical Suite	Analyte	Unit of measure	Limit of reporting	ADWG Health guideline value	ADWG Aesthetic guideline value	Number of samples taken	Number of samples exceeding ADWG health guideline values'	Number of samples exceeding ADWG aesthetic guideline value	Min	Max	Mean
Koumala Treated Water	TW	Total Metals	Zinc (Total)	µg/L	1	-	≤3,000	26	N/A	0	<1	16.81	6.5
Koumala Treated Water	TW	Oxyhalides	Chlorate	µg/L	20 / 50	-	-	17	N/A	N/A	<20	361.74	55.23
Koumala Treated Water	TW	Oxyhalides	Chlorite	µg/L	20 / 50	≤800	-	17	0	N/A	<20	<20	<20
Koumala Treated Water	TW	Oxyhalides	Bromate	µg/L	20 / 50	≤20	-	17	0	N/A	<20	<20	<20
Koumala Treated Water	TW	Trihalomethanes	Bromodichloromethane	µg/L	1	≤250	-	17	0	N/A	<1	2.5	1.17
Koumala Treated Water	TW	Trihalomethanes	Bromoform	µg/L	1	≤250	-	17	0	N/A	<1	10.7	3.17
Koumala Treated Water	TW	Trihalomethanes	Chloroform	µg/L	1	≤250	-	17	0	N/A	<1	1.94	<1
Koumala Treated Water	TW	Trihalomethanes	Dibromochloromethane	µg/L	1	≤250	-	17	0	N/A	1	7.5	2.89
Koumala Treated Water	TW	Trihalomethanes	Trihalomethanes (Total)	µg/L	1	≤250	-	17	0	N/A	3	20.5	8.5
Koumala Treated Water	TW	SVOCs	2,3,4,6-tetrachlorophenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	2,4,5-Trichlorophenol	µg/L	0.0001	≤100	-	2	0	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	2,4,6-Trichlorophenol	µg/L	0.0001	≤20	≤2	2	0	0	0	0	0
Koumala Treated Water	TW	SVOCs	2,4-Dichlorophenol	µg/L	0.0001	≤200	≤0.3	2	0	0	0	0	0
Koumala Treated Water	TW	SVOCs	2,4-Dimethylphenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	2,4-Dinitrophenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	2,6-Dichlorophenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	2-Chlorophenol	µg/L	0.0001	≤300	≤0.1	2	0	0	0	0	0
Koumala Treated Water	TW	SVOCs	2-Methylphenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	2-Nitrophenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	3- & 4-Methylphenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	4,4'-DDD	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	4,4'-DDE	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	4,4'-DDT	µg/L	0.0001	≤9	-	2	0	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	4,6-Dinitro-2-methylphenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	4-Chloro-3-Methylphenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	4-Nitrophenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Acenaphthene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Acenaphthylene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Aldrin	µg/L	0.0001	≤0.3	-	2	0	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Alpha-BHC	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Ametryn	µg/L	0.0001	≤70	-	2	0	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Anthracene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Atrazine	µg/L	0.0001	≤20	-	2	0	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Azinophos methyl	µg/L	0.0001	≤30	-	2	0	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Benz(a)anthracene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Benzo(a)pyrene	µg/L	0.0001	≤0.01	-	2	0	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Benzo(b)fluoranthene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Benzo(g,h,i)perylene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Benzo(k)fluoranthene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Beta-BHC	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Bromacil	µg/L	0.0001	≤400	-	2	0	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Chlordane cis	µg/L	0.0001	≤2	-	2	0	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Chlordane trans	µg/L	0.0001	≤2	-	2	0	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Chlorpyrifos	µg/L	0.0001	≤10	-	2	0	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Chrysene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	delta-BHC	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Demeton-S-methyl	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Diazinon	µg/L	0.0001	≤4	-	2	0	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Dibenz(a,h)anthracene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Dichlorvos	µg/L	0.0001	≤5	-	2	0	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Dieldrin	µg/L	0.0001	≤0.3	-	2	0	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Dimethoate	µg/L	0.0001	≤7	-	2	0	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Dinoseb	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Diuron	µg/L	0.0001	≤20	-	2	0	N/A	0	0	0

Water Supply Scheme - KM

Scheme	Location in system	Analytical Suite	Analyte	Unit of measure	Limit of reporting	ADWG Health guideline value	ADWG Aesthetic guideline value	Number of samples taken	Number of samples exceeding ADWG health guideline values'	Number of samples exceeding ADWG aesthetic guideline value	Min	Max	Mean
Koumala Treated Water	TW	SVOCs	Endosulphan alpha	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Endosulphan beta	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Endosulphan Sulphate	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Endrin	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Endrin aldehyde	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Endrin ketone	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Ethion	µg/L	0.0001	≤4	-	2	0	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Fluoranthene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Fluorene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Heptachlor	µg/L	0.0001	≤0.3	-	2	0	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Heptachlor Epoxide	µg/L	0.0001	≤0.3	-	2	0	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Hexazinone	µg/L	0.0001	≤400	-	2	0	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Indeno(1.2.3.cd)pyrene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Lindane	µg/L	0.0001	≤10	-	2	0	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Malathion	µg/L	0.0001	≤70	-	2	0	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Methamidophos	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Methidathion	µg/L	0.0001	≤6	-	2	0	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Methoxychlor	µg/L	0.0001	≤300	-	2	0	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Metolachlor	µg/L	0.0001	≤300	-	2	0	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Metribuzin	µg/L	0.0001	≤70	-	2	0	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Naphthalene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Naphthalene, 1-methyl-	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Naphthalene, 2-methyl-	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Omethoate	µg/L	0.0001	≤1	-	2	0	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Pentachlorophenol	µg/L	0.0001	≤10	-	2	0	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Phenanthrene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Phenol	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Pirimiphos methyl	µg/L	0.0001	≤90	-	2	0	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Profenofos	µg/L	0.0001	≤0.3	-	2	0	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Prometryn	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Propazine	µg/L	0.0001	≤50	-	2	0	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Propyzamide	µg/L	0.0001	≤70	-	2	0	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Prothiofos	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Pyrazophos	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Pyrene	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Simazine	µg/L	0.0001	≤20	-	2	0	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Tebuthiuron	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Terbutryn	µg/L	0.0001	≤400	-	2	0	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Tolclofos-methyl	µg/L	0.0001	-	-	2	N/A	N/A	0	0	0
Koumala Treated Water	TW	SVOCs	Trifluralin	µg/L	0.0001	≤90	-	2	0	N/A	0	0	0

Water Supply Scheme - MS

Scheme	Location in system	Analytical Suite	Analyte	Unit of measure	Limit of reporting	ADWG Health guideline value	ADWG Aesthetic guideline value	Number of samples taken	Number of samples exceeding ADWG health guideline values'	Number of samples exceeding ADWG aesthetic guideline value	Min	Max	Mean
Mackay Reservoirs	RSV	Microbial	E. coli	MPN/100mL	1	0	-	189	0	N/A	0	0	0
Mackay Reservoirs	RSV	Microbial	Heterotrophic Plate Count	cfu/mL	1	-	-	184	N/A	N/A	0	181	4.88
Mackay Reservoirs	RSV	Microbial	Total Coliforms	MPN/100mL	1	-	-	189	N/A	N/A	0	1	<1
Mackay Reservoirs	RSV	Physical	Free Chlorine Residual	mg/L	0.02	-	-	189	N/A	N/A	<0.02	2.3	1.26
Mackay Reservoirs	RSV	Physical	Total Chlorine	mg/L	0.02	≤5	≤0.6	189	0	178	0.04	2.4	1.35
Mackay Reservoirs	RSV	Physical	Temperature	°C	0.1	-	-	15	N/A	N/A	18.4	30.1	25.22
Mackay Reservoirs	RSV	Physical	pH	pH unit	0-32	-	6.5-8.5	17	N/A	0	7.33	8.24	7.7
Mackay Reservoirs	RSV	Physical	Conductivity	µS/cm	10	-	-	17	N/A	N/A	166.3	262.4	230.06
Mackay Reservoirs	RSV	Physical	Turbidity	NTU	0.1	-	≤5	17	N/A	0	<0.1	0.33	0.18
Mackay Reservoirs	RSV	Physical	Dissolved Oxygen	% Sat	0-129	-	≤85	17	N/A	9	72.6	102.3	84.88
Mackay Reservoirs	RSV	Physical	TCU	Colour - True	1	-	≤15	17	N/A	0	<1	1	<1
Mackay Reservoirs	RSV	Physical	Alkalinity	mg/L	1	-	-	17	N/A	N/A	46.94	75.64	65.52
Mackay Reservoirs	RSV	Physical	Bicarbonate	mg/L	0.1	-	-	17	N/A	N/A	55	89	76.88
Mackay Reservoirs	RSV	Physical	Carbonate	mg/L	0.1	-	-	17	N/A	N/A	0.1	0.7	0.23
Mackay Reservoirs	RSV	Physical	Hydroxide	mg/L	0.1	-	-	17	N/A	N/A	<0.1	<0.1	<0.1
Mackay Reservoirs	RSV	Physical	Free Carbon Dioxide	mg/L	1	-	-	17	N/A	N/A	<1	5.8	2.85
Mackay Reservoirs	RSV	TOC	Total Organic Carbon	mg/L	0.3	-	-	17	N/A	N/A	<0.3	1.46	0.89
Mackay Reservoirs	RSV	Inorganic	Fluoride	mg/L	0.1	≤1.5	-	17	0	N/A	<0.1	<0.1	<0.1
Mackay Reservoirs	RSV	Inorganic	Chloride	mg/L	0.005	-	≤250	17	N/A	0	18.88	32.67	27.38
Mackay Reservoirs	RSV	Inorganic	Nitrate	mg/L	0.3	≤50	-	17	0	N/A	0.49	0.68	0.55
Mackay Reservoirs	RSV	Inorganic	Nitrite	mg/L	0.4	≤3	-	17	0	N/A	<0.4	<0.4	<0.4
Mackay Reservoirs	RSV	Inorganic	Bromide	mg/L	0.4	-	-	17	N/A	N/A	<0.4	<0.4	<0.4
Mackay Reservoirs	RSV	Inorganic	Sulphate	mg/L	0.3	-	≤250	17	N/A	0	1.67	2.69	2.22
Mackay Reservoirs	RSV	Inorganic	Phosphate	mg/L	0.5	-	-	17	N/A	N/A	<0.5	<0.5	<0.5
Mackay Reservoirs	RSV	Inorganic	Calcium (Total)	mg/L	0.5	-	-	17	N/A	N/A	12.54	19.44	17.08
Mackay Reservoirs	RSV	Inorganic	Potassium (Total)	mg/L	0.5	-	-	17	N/A	N/A	0.63	2.62	1.53
Mackay Reservoirs	RSV	Inorganic	Magnesium (Total)	mg/L	0.5	-	-	17	N/A	N/A	3.79	8.19	5.89
Mackay Reservoirs	RSV	Inorganic	Sodium (Total)	mg/L	1	-	≤180	17	N/A	0	11.71	21.05	16.27
Mackay Reservoirs	RSV	Inorganic	Hardness	mg/L	0.25	-	≤200	17	N/A	0	50	82.29	66.94
Mackay Reservoirs	RSV	Inorganic	Larson Index	LI	0	-	-	14	N/A	N/A	0.55	0.76	0.66
Mackay Reservoirs	RSV	Total Metals	Aluminium (Total)	µg/L	5	-	≤200	17	N/A	0	12.79	28.25	19.38
Mackay Reservoirs	RSV	Total Metals	Antimony (Total)	µg/L	0.5	≤3	-	17	0	N/A	<0.5	<0.5	<0.5
Mackay Reservoirs	RSV	Total Metals	Arsenic (Total)	µg/L	1	≤10	-	17	0	N/A	<1	<1	<1
Mackay Reservoirs	RSV	Total Metals	Barium (Total)	µg/L	1	≤2,000	-	17	0	N/A	16.63	22.46	20.6
Mackay Reservoirs	RSV	Total Metals	Beryllium (Total)	µg/L	0.5	≤60	-	17	0	N/A	<0.5	<0.5	<0.5
Mackay Reservoirs	RSV	Total Metals	Boron (Total)	µg/L	5	≤4,000	-	17	0	N/A	9.99	16.58	12.86
Mackay Reservoirs	RSV	Total Metals	Cadmium (Total)	µg/L	0.1	≤2	-	17	0	N/A	<0.1	<0.1	<0.1
Mackay Reservoirs	RSV	Total Metals	Chromium (Total)	µg/L	0.1	≤50	-	17	0	N/A	<0.1	0.34	0.13
Mackay Reservoirs	RSV	Total Metals	Cobalt (Total)	µg/L	0.2	-	-	17	N/A	N/A	<0.2	<0.2	<0.2
Mackay Reservoirs	RSV	Total Metals	Copper (Total)	µg/L	1	≤2,000	≤1,000	17	0	0	1.91	28.82	10
Mackay Reservoirs	RSV	Total Metals	Iron (Total)	µg/L	1	-	≤300	17	N/A	0	4.14	31.19	14.77
Mackay Reservoirs	RSV	Total Metals	Lead (Total)	µg/L	0.5 / 1	≤10	-	17	0	N/A	<0.5	1.68	<0.5
Mackay Reservoirs	RSV	Total Metals	Manganese (Total)	µg/L	1	≤500	≤100	17	0	0	<1	3.6	1.31
Mackay Reservoirs	RSV	Total Metals	Mercury (Total)	µg/L	0.05	≤1	-	14	0	N/A	<0.05	<0.05	<0.05
Mackay Reservoirs	RSV	Total Metals	Molybdenum (Total)	µg/L	1	≤50	-	17	0	N/A	<1	5.16	<1
Mackay Reservoirs	RSV	Total Metals	Nickel (Total)	µg/L	0.5	≤20	-	17	0	N/A	<0.5	1.27	<0.5
Mackay Reservoirs	RSV	Total Metals	Selenium (Total)	µg/L	5	≤10	-	17	0	N/A	<5	<5	<5
Mackay Reservoirs	RSV	Total Metals	Silver (Total)	µg/L	0.1	≤100	-	17	0	N/A	<0.1	0.43	0.12
Mackay Reservoirs	RSV	Total Metals	Strontium (Total)	µg/L	1	-	-	17	N/A	N/A	88.12	191.11	146.3
Mackay Reservoirs	RSV	Total Metals	Thallium (Total)	µg/L	0.5	-	-	17	N/A	N/A	<0.5	<0.5	<0.5
Mackay Reservoirs	RSV	Total Metals	Tin (Total)	µg/L	1	-	-	17	N/A	N/A	4.75	80.01	31.65
Mackay Reservoirs	RSV	Total Metals	Titanium (Total)	µg/L	0.5	-	-	17	N/A	N/A	1.43	9.26	3.06
Mackay Reservoirs	RSV	Total Metals	Uranium (Total)	µg/L	0.5	≤17	-	17	0	N/A	<0.5	4.92	0.68
Mackay Reservoirs	RSV	Total Metals	Vanadium (Total)	µg/L	0.1	-	-	17	N/A	N/A	0.34	1.21	0.61

Water Supply Scheme - MS

Scheme	Location in system	Analytical Suite	Analyte	Unit of measure	Limit of reporting	ADWG Health guideline value	ADWG Aesthetic guideline value	Number of samples taken	Number of samples exceeding ADWG health guideline values'	Number of samples exceeding ADWG aesthetic guideline value	Min	Max	Mean
Mackay Reservoirs	RSV	Total Metals	Zinc (Total)	µg/L	1	-	≤3,000	16	N/A	0	2.62	31.52	9.93
Mackay Reticulation	RTN	Microbial	E. coli	MPN/100mL	1	0	-	383	0	N/A	0	0	0
Mackay Reticulation	RTN	Microbial	Heterotrophic Plate Count	cfu/mL	1	-	-	368	N/A	N/A	0	2,500.00	11.78
Mackay Reticulation	RTN	Microbial	Total Coliforms	MPN/100mL	1	-	-	383	N/A	N/A	0	2	<1
Mackay Reticulation	RTN	Physical	Free Chlorine Residual	mg/L	0.02	-	-	382	N/A	N/A	0.06	2.1	1.15
Mackay Reticulation	RTN	Physical	Total Chlorine	mg/L	0.02	≤5	≤0.6	382	0	363	0.16	2.2	1.24
Mackay Reticulation	RTN	Physical	Temperature	°C	0.1	-	-	382	N/A	N/A	8.7	33.8	26.19
Mackay Reticulation	RTN	Physical	pH	pH unit	0-33	-	6.5-8.5	382	N/A	26	5.95	8.93	7.78
Mackay Reticulation	RTN	Physical	Conductivity	µS/cm	10	-	-	382	N/A	N/A	130.5	551.6	233.85
Mackay Reticulation	RTN	Physical	Turbidity	NTU	0.1	-	≤5	382	N/A	0	<0.1	3.08	0.19
Mackay Reticulation	RTN	Physical	Dissolved Oxygen	% Sat	0-130	-	≤85	382	N/A	139	61.8	103.2	87.08
Mackay Reticulation	RTN	Physical	Colour - True	TCU	1	-	≤15	382	N/A	0	<1	5	<1
Mackay Reticulation	RTN	Physical	Alkalinity	mg/L	1	-	-	382	N/A	N/A	32.96	101.22	67.58
Mackay Reticulation	RTN	Physical	Bicarbonate	mg/L	0.1	-	-	382	N/A	N/A	39	115	79.02
Mackay Reticulation	RTN	Physical	Carbonate	mg/L	0.1	-	-	382	N/A	N/A	<0.1	3	0.36
Mackay Reticulation	RTN	Physical	Hydroxide	mg/L	0.1	-	-	382	N/A	N/A	<0.1	0.1	<0.1
Mackay Reticulation	RTN	Physical	Free Carbon Dioxide	mg/L	1	-	-	382	N/A	N/A	<1	103.8	3.04
Mackay Reticulation	RTN	TOC	Total Organic Carbon	mg/L	0.3	-	-	382	N/A	N/A	0.31	2.82	1.02
Mackay Reticulation	RTN	Inorganic	Fluoride	mg/L	0.1	≤1.5	-	381	0	N/A	<0.1	<0.1	<0.1
Mackay Reticulation	RTN	Inorganic	Chloride	mg/L	0.005	-	≤250	381	N/A	0	15.66	39.8	27.82
Mackay Reticulation	RTN	Inorganic	Nitrate	mg/L	0.3	≤50	-	381	0	N/A	<0.3	3.13	0.98
Mackay Reticulation	RTN	Inorganic	Nitrite	mg/L	0.4	≤3	-	381	0	N/A	<0.4	0.79	<0.4
Mackay Reticulation	RTN	Inorganic	Bromide	mg/L	0.4	-	-	381	N/A	N/A	<0.4	5.63	<0.4
Mackay Reticulation	RTN	Inorganic	Sulphate	mg/L	0.3	-	≤250	381	N/A	0	<0.3	4.99	2.72
Mackay Reticulation	RTN	Inorganic	Phosphate	mg/L	0.5	-	-	381	N/A	N/A	<0.5	0.59	<0.5
Mackay Reticulation	RTN	Inorganic	Calcium (Total)	mg/L	0.5	-	-	385	N/A	N/A	8.18	33.41	18.25
Mackay Reticulation	RTN	Inorganic	Potassium (Total)	mg/L	0.5	-	-	382	N/A	N/A	0.6	3.18	1.41
Mackay Reticulation	RTN	Inorganic	Magnesium (Total)	mg/L	0.5	-	-	382	N/A	N/A	2.59	10.07	6.35
Mackay Reticulation	RTN	Inorganic	Sodium (Total)	mg/L	1	-	≤180	382	N/A	0	10.52	26.88	17.58
Mackay Reticulation	RTN	Inorganic	Hardness	mg/L	0.25	-	≤200	381	N/A	0	34	107.01	71.74
Mackay Reticulation	RTN	Inorganic	Larson Index	LI	0	-	-	373	N/A	N/A	0.49	1.02	0.65
Mackay Reticulation	RTN	Total Metals	Aluminium (Total)	µg/L	5	-	≤200	382	N/A	1	<5	305.96	15.4
Mackay Reticulation	RTN	Total Metals	Antimony (Total)	µg/L	0.5	≤3	-	382	0	N/A	<0.5	2.28	<0.5
Mackay Reticulation	RTN	Total Metals	Arsenic (Total)	µg/L	1	≤10	-	382	0	N/A	<1	1.05	<1
Mackay Reticulation	RTN	Total Metals	Barium (Total)	µg/L	1	≤2,000	-	382	0	N/A	<1	32	20.37
Mackay Reticulation	RTN	Total Metals	Beryllium (Total)	µg/L	0.5	≤60	-	382	0	N/A	<0.5	0.56	<0.5
Mackay Reticulation	RTN	Total Metals	Boron (Total)	µg/L	5	≤4,000	-	382	0	N/A	<5	41.7	15.67
Mackay Reticulation	RTN	Total Metals	Cadmium (Total)	µg/L	0.1	≤2	-	382	0	N/A	<0.1	1.45	<0.1
Mackay Reticulation	RTN	Total Metals	Chromium (Total)	µg/L	0.1	≤50	-	382	0	N/A	<0.1	3.06	0.17
Mackay Reticulation	RTN	Total Metals	Cobalt (Total)	µg/L	0.2	-	-	382	N/A	N/A	<0.2	1.16	<0.2
Mackay Reticulation	RTN	Total Metals	Copper (Total)	µg/L	1	≤2,000	≤1,000	382	0	0	<1	228.2	21.51
Mackay Reticulation	RTN	Total Metals	Iron (Total)	µg/L	1	-	≤300	382	N/A	0	<1	194.95	15.53
Mackay Reticulation	RTN	Total Metals	Lead (Total)	µg/L	0.5 / 1	≤10	-	382	0	N/A	<0.5	8.45	0.74
Mackay Reticulation	RTN	Total Metals	Manganese (Total)	µg/L	1	≤500	≤100	382	0	0	<1	45.47	1.6
Mackay Reticulation	RTN	Total Metals	Mercury (Total)	µg/L	0.05	≤1	-	25	0	N/A	<0.05	<0.05	<0.05
Mackay Reticulation	RTN	Total Metals	Molybdenum (Total)	µg/L	1	≤50	-	382	0	N/A	<1	12.91	<1
Mackay Reticulation	RTN	Total Metals	Nickel (Total)	µg/L	0.5	≤20	-	382	0	N/A	<0.5	3.84	<0.5
Mackay Reticulation	RTN	Total Metals	Selenium (Total)	µg/L	5	≤10	-	382	0	N/A	<5	<5	<5
Mackay Reticulation	RTN	Total Metals	Silver (Total)	µg/L	0.1	≤100	-	382	0	N/A	<0.1	4.77	0.19
Mackay Reticulation	RTN	Total Metals	Strontium (Total)	µg/L	1	-	-	382	N/A	N/A	67.37	469.35	151.15
Mackay Reticulation	RTN	Total Metals	Thallium (Total)	µg/L	0.5	-	-	382	N/A	N/A	<0.5	1	<0.5
Mackay Reticulation	RTN	Total Metals	Tin (Total)	µg/L	1	-	-	346	N/A	N/A	<1	193.46	23.18
Mackay Reticulation	RTN	Total Metals	Titanium (Total)	µg/L	0.5	-	-	382	N/A	N/A	<0.5	17.96	3.22
Mackay Reticulation	RTN	Total Metals	Uranium (Total)	µg/L	0.5	≤17	-	382	0	N/A	<0.5	10.57	0.5

Water Supply Scheme - MS

Scheme	Location in system	Analytical Suite	Analyte	Unit of measure	Limit of reporting	ADWG Health guideline value	ADWG Aesthetic guideline value	Number of samples taken	Number of samples exceeding ADWG health guideline values'	Number of samples exceeding ADWG aesthetic guideline value	Min	Max	Mean
Mackay Reticulation	RTN	Total Metals	Vanadium (Total)	µg/L	0.1	-	-	382	N/A	N/A	0.1	4.84	0.74
Mackay Reticulation	RTN	Total Metals	Zinc (Total)	µg/L	1	-	≤3,000	382	N/A	0	<1	72.7	11.79
Mackay Reticulation	RTN	Oxyhalides	Chlorate	µg/L	20 / 50	-	-	22	N/A	N/A	<20	47.54	8.46
Mackay Reticulation	RTN	Oxyhalides	Chlorite	µg/L	20 / 50	≤800	-	22	0	N/A	<20	<20	<20
Mackay Reticulation	RTN	Oxyhalides	Bromate	µg/L	20 / 50	≤20	-	22	0	N/A	<20	<20	<20
Mackay Reticulation	RTN	Trihalomethanes	Bromodichloromethane	µg/L	1	≤250	-	22	0	N/A	7.5	25.9	16.55
Mackay Reticulation	RTN	Trihalomethanes	Bromoform	µg/L	1	≤250	-	22	0	N/A	<1	1.7	<1
Mackay Reticulation	RTN	Trihalomethanes	Chloroform	µg/L	1	≤250	-	22	0	N/A	7	85.5	38.41
Mackay Reticulation	RTN	Trihalomethanes	Dibromochloromethane	µg/L	1	≤250	-	22	0	N/A	5.6	13	8.24
Mackay Reticulation	RTN	Trihalomethanes	Trihalomethanes (Total)	µg/L	1	≤250	-	22	0	N/A	20.9	119	63.96
Nebo Road WTP Treated Water	TW	Microbial	E. coli	MPN/100mL	1	0	-	106	0	N/A	0	0	0
Nebo Road WTP Treated Water	TW	Microbial	Heterotrophic Plate Count	cfu/mL	1	-	-	104	N/A	N/A	0	28	<1
Nebo Road WTP Treated Water	TW	Microbial	Total Coliforms	MPN/100mL	1	-	-	106	N/A	N/A	0	1	<1
Nebo Road WTP Treated Water	TW	Physical	Free Chlorine Residual	mg/L	0.02	-	-	105	N/A	N/A	0.86	2.48	1.72
Nebo Road WTP Treated Water	TW	Physical	Total Chlorine	mg/L	0.02	≤5	≤0.6	105	0	105	1.45	2.66	1.86
Nebo Road WTP Treated Water	TW	Physical	Temperature	°C	0.1	-	-	52	N/A	N/A	16.1	29.6	25.55
Nebo Road WTP Treated Water	TW	Physical	pH	pH unit	0-26	-	6.5-8.5	106	N/A	0	7.23	8.17	7.6
Nebo Road WTP Treated Water	TW	Physical	Conductivity	µS/cm	10	-	-	106	N/A	N/A	121.9	367.4	227.48
Nebo Road WTP Treated Water	TW	Physical	Turbidity	NTU	0.1	-	≤5	123	N/A	0	<0.1	1.96	0.23
Nebo Road WTP Treated Water	TW	Physical	Dissolved Oxygen	% Sat	0-122	-	≤85	104	N/A	12	75.3	120.5	94.31
Nebo Road WTP Treated Water	TW	Physical	Colour - True	TCU	1	-	≤15	106	N/A	0	<1	7	1.02
Nebo Road WTP Treated Water	TW	Physical	Alkalinity	mg/L	1	-	-	104	N/A	N/A	29.74	88.52	65.12
Nebo Road WTP Treated Water	TW	Physical	Bicarbonate	mg/L	0.1	-	-	104	N/A	N/A	35	104	76.5
Nebo Road WTP Treated Water	TW	Physical	Carbonate	mg/L	0.1	-	-	104	N/A	N/A	<0.1	0.6	0.16
Nebo Road WTP Treated Water	TW	Physical	Hydroxide	mg/L	0.1	-	-	104	N/A	N/A	<0.1	<0.1	<0.1
Nebo Road WTP Treated Water	TW	Physical	Free Carbon Dioxide	mg/L	1	-	-	104	N/A	N/A	<1	6.8	3.37
Nebo Road WTP Treated Water	TW	TOC	Total Organic Carbon	mg/L	0.3	-	-	112	N/A	N/A	0.34	13.82	1.17
Nebo Road WTP Treated Water	TW	Inorganic	Fluoride	mg/L	0.1	≤1.5	-	106	0	N/A	<0.1	<0.1	<0.1
Nebo Road WTP Treated Water	TW	Inorganic	Chloride	mg/L	0.005	-	≤250	106	N/A	0	15.35	38.59	27.51
Nebo Road WTP Treated Water	TW	Inorganic	Nitrate	mg/L	0.3	≤50	-	106	0	N/A	<0.3	3.03	0.95
Nebo Road WTP Treated Water	TW	Inorganic	Nitrite	mg/L	0.4	≤3	-	106	0	N/A	<0.4	<0.4	<0.4
Nebo Road WTP Treated Water	TW	Inorganic	Bromide	mg/L	0.4	-	-	106	N/A	N/A	<0.4	0.56	<0.4
Nebo Road WTP Treated Water	TW	Inorganic	Sulphate	mg/L	0.3	-	≤250	106	N/A	0	1.62	5.53	2.69
Nebo Road WTP Treated Water	TW	Inorganic	Phosphate	mg/L	0.5	-	-	106	N/A	N/A	<0.5	1.04	<0.5
Nebo Road WTP Treated Water	TW	Inorganic	Calcium (Total)	mg/L	0.5	-	-	112	N/A	N/A	6.34	21.56	15.94
Nebo Road WTP Treated Water	TW	Inorganic	Potassium (Total)	mg/L	0.5	-	-	107	N/A	N/A	0.53	3.29	1.39
Nebo Road WTP Treated Water	TW	Inorganic	Magnesium (Total)	mg/L	0.5	-	-	107	N/A	N/A	2.7	9.75	7
Nebo Road WTP Treated Water	TW	Inorganic	Sodium (Total)	mg/L	1	-	≤180	106	N/A	0	9.35	26.36	17.65
Nebo Road WTP Treated Water	TW	Inorganic	Hardness	mg/L	0.25	-	≤200	106	N/A	0	27	93.72	68.7
Nebo Road WTP Treated Water	TW	Inorganic	Larson Index	LI	0	-	-	104	N/A	N/A	0.53	0.94	0.66
Nebo Road WTP Treated Water	TW	Total Metals	Aluminium (Total)	µg/L	5	-	≤200	107	N/A	0	<5	72	12.11
Nebo Road WTP Treated Water	TW	Total Metals	Antimony (Total)	µg/L	0.5	≤3	-	107	0	N/A	<0.5	1.43	<0.5
Nebo Road WTP Treated Water	TW	Total Metals	Arsenic (Total)	µg/L	1	≤10	-	107	0	N/A	<1	1.1	<1
Nebo Road WTP Treated Water	TW	Total Metals	Barium (Total)	µg/L	1	≤2,000	-	107	0	N/A	8.65	30.38	21.01
Nebo Road WTP Treated Water	TW	Total Metals	Beryllium (Total)	µg/L	0.5	≤60	-	107	0	N/A	<0.5	0.66	<0.5
Nebo Road WTP Treated Water	TW	Total Metals	Boron (Total)	µg/L	5	≤4,000	-	107	0	N/A	<5	44.65	15.31
Nebo Road WTP Treated Water	TW	Total Metals	Cadmium (Total)	µg/L	0.1	≤2	-	107	0	N/A	<0.1	<0.1	<0.1
Nebo Road WTP Treated Water	TW	Total Metals	Chromium (Total)	µg/L	0.1	≤50	-	107	0	N/A	<0.1	0.83	<0.1
Nebo Road WTP Treated Water	TW	Total Metals	Cobalt (Total)	µg/L	0.2	-	-	107	N/A	N/A	<0.2	<0.2	<0.2
Nebo Road WTP Treated Water	TW	Total Metals	Copper (Total)	µg/L	1	≤2,000	≤1,000	107	0	0	<1	35.36	15.5
Nebo Road WTP Treated Water	TW	Total Metals	Iron (Total)	µg/L	1	-	≤300	229	N/A	0	<1	94.75	8.09
Nebo Road WTP Treated Water	TW	Total Metals	Lead (Total)	µg/L	0.5 / 1	≤10	-	107	0	N/A	<0.5	0.76	<0.5
Nebo Road WTP Treated Water	TW	Total Metals	Manganese (Total)	µg/L	1	≤500	≤100	230	0	1	<1	158.35	2.27
Nebo Road WTP Treated Water	TW	Total Metals	Mercury (Total)	µg/L	0.05	≤1	-	9	0	N/A	<0.05	<0.05	<0.05

Water Supply Scheme - MS

Scheme	Location in system	Analytical Suite	Analyte	Unit of measure	Limit of reporting	ADWG Health guideline value	ADWG Aesthetic guideline value	Number of samples taken	Number of samples exceeding ADWG health guideline values'	Number of samples exceeding ADWG aesthetic guideline value	Min	Max	Mean
Nebo Road WTP Treated Water	TW	Total Metals	Molybdenum (Total)	µg/L	1	≤50	-	107	0	N/A	<1	8.46	<1
Nebo Road WTP Treated Water	TW	Total Metals	Nickel (Total)	µg/L	0.5	≤20	-	107	0	N/A	<0.5	3.18	<0.5
Nebo Road WTP Treated Water	TW	Total Metals	Selenium (Total)	µg/L	5	≤10	-	107	0	N/A	<5	<5	<5
Nebo Road WTP Treated Water	TW	Total Metals	Silver (Total)	µg/L	0.1	≤100	-	106	0	N/A	<0.1	0.98	0.11
Nebo Road WTP Treated Water	TW	Total Metals	Strontium (Total)	µg/L	1	-	-	106	N/A	N/A	53.15	293.9	134.89
Nebo Road WTP Treated Water	TW	Total Metals	Thallium (Total)	µg/L	0.5	-	-	107	N/A	N/A	<0.5	<0.5	<0.5
Nebo Road WTP Treated Water	TW	Total Metals	Tin (Total)	µg/L	1	-	-	98	N/A	N/A	<1	163	19.89
Nebo Road WTP Treated Water	TW	Total Metals	Titanium (Total)	µg/L	0.5	-	-	107	N/A	N/A	<0.5	10.74	2.98
Nebo Road WTP Treated Water	TW	Total Metals	Uranium (Total)	µg/L	0.5	≤17	-	107	0	N/A	<0.5	3.67	<0.5
Nebo Road WTP Treated Water	TW	Total Metals	Vanadium (Total)	µg/L	0.1	-	-	107	N/A	N/A	0.13	1.5	0.65
Nebo Road WTP Treated Water	TW	Total Metals	Zinc (Total)	µg/L	1	-	≤3,000	107	N/A	0	<1	12.73	3.25
Nebo Road WTP Treated Water	TW	Oxyhalides	Chlorate	µg/L	20 / 50	-	-	11	N/A	N/A	<20	29.25	<20
Nebo Road WTP Treated Water	TW	Oxyhalides	Chlorite	µg/L	20 / 50	≤800	-	11	0	N/A	<20	<20	<20
Nebo Road WTP Treated Water	TW	Oxyhalides	Bromate	µg/L	20 / 50	≤20	-	11	0	N/A	<20	<20	<20
Nebo Road WTP Treated Water	TW	Trihalomethanes	Bromodichloromethane	µg/L	1	≤250	-	10	0	N/A	4.9	13.3	8.43
Nebo Road WTP Treated Water	TW	Trihalomethanes	Bromodichloromethane	µg/L	1	≤250	-	11	0	N/A	<5	<5	<5
Nebo Road WTP Treated Water	TW	Trihalomethanes	Bromoform	µg/L	1	≤250	-	11	0	N/A	<1	3.1	1.1
Nebo Road WTP Treated Water	TW	Trihalomethanes	Chloroform	µg/L	1	≤250	-	11	0	N/A	4	19.6	9.57
Nebo Road WTP Treated Water	TW	Trihalomethanes	Dibromochloromethane	µg/L	1	≤250	-	11	0	N/A	3.6	8.1	5.29
Nebo Road WTP Treated Water	TW	Trihalomethanes	Trihalomethanes (Total)	µg/L	1	≤250	-	11	0	N/A	11.88	39.5	24
Nebo Road WTP Treated Water	TW	SVOCs	2,3,4,6-tetrachlorophenol	µg/L	0.0001	-	-	17	N/A	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	2,4,5-Trichlorophenol	µg/L	0.0001	≤100	-	17	0	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	2,4,6-Trichlorophenol	µg/L	0.0001	≤20	≤2	17	0	0	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	2,4-Dichlorophenol	µg/L	0.0001	≤200	≤0.3	14	0	0	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	2,4-Dimethylphenol	µg/L	0.0001	-	-	14	N/A	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	2,4-Dinitrophenol	µg/L	0.0001	-	-	17	N/A	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	2,6-Dichlorophenol	µg/L	0.0001	-	-	17	N/A	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	2-Chlorophenol	µg/L	0.0001	≤300	≤0.1	14	0	0	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	2-Methylphenol	µg/L	0.0001	-	-	14	N/A	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	2-Nitrophenol	µg/L	0.0001	-	-	14	N/A	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	3- & 4-Methylphenol	µg/L	0.0001	-	-	14	N/A	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	4,4'-DDD	µg/L	0.0001	-	-	17	N/A	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	4,4'-DDE	µg/L	0.0001	-	-	17	N/A	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	4,4'-DDT	µg/L	0.0001	≤9	-	17	0	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	4,6-Dinitro-2-methylphenol	µg/L	0.0001	-	-	14	N/A	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	4-Chloro-3-Methylphenol	µg/L	0.0001	-	-	17	N/A	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	4-Nitrophenol	µg/L	0.0001	-	-	14	N/A	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Acenaphthene	µg/L	0.0001	-	-	17	N/A	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Acenaphthylene	µg/L	0.0001	-	-	17	N/A	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Aldrin	µg/L	0.0001	≤0.3	-	17	0	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Alpha-BHC	µg/L	0.0001	-	-	17	N/A	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Ametryn	µg/L	0.0001	≤70	-	17	0	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Anthracene	µg/L	0.0001	-	-	17	N/A	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Atrazine	µg/L	0.0001	≤20	-	17	0	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Azinophos methyl	µg/L	0.0001	≤30	-	17	0	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Benz(a)anthracene	µg/L	0.0001	-	-	17	N/A	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Benzo(a)pyrene	µg/L	0.0001	≤0.01	-	17	0	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Benzo(b)fluoranthene	µg/L	0.0001	-	-	17	N/A	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Benzo(g,h,i)perylene	µg/L	0.0001	-	-	17	N/A	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Benzo(k)fluoranthene	µg/L	0.0001	-	-	17	N/A	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Beta-BHC	µg/L	0.0001	-	-	17	N/A	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Bromacil	µg/L	0.0001	≤400	-	17	0	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Chlordane cis	µg/L	0.0001	≤2	-	17	0	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Chlordane trans	µg/L	0.0001	≤2	-	17	0	N/A	0	0	0

Water Supply Scheme - MS

Scheme	Location in system	Analytical Suite	Analyte	Unit of measure	Limit of reporting	ADWG Health guideline value	ADWG Aesthetic guideline value	Number of samples taken	Number of samples exceeding ADWG health guideline values'	Number of samples exceeding ADWG aesthetic guideline value	Min	Max	Mean
Nebo Road WTP Treated Water	TW	SVOCs	Chlorpyrifos	µg/L	0.0001	≤10	-	17	0	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Chrysene	µg/L	0.0001	-	-	17	N/A	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	delta-BHC	µg/L	0.0001	-	-	17	N/A	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Demeton-S-methyl	µg/L	0.0001	-	-	10	N/A	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Diazinon	µg/L	0.0001	≤4	-	17	0	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Dibenz(a,h)anthracene	µg/L	0.0001	-	-	17	N/A	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Dichlorvos	µg/L	0.0001	≤5	-	17	0	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Dieldrin	µg/L	0.0001	≤0.3	-	17	0	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Dimethoate	µg/L	0.0001	≤7	-	14	0	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Dinoseb	µg/L	0.0001	-	-	14	N/A	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Diuron	µg/L	0.0001	≤20	-	17	0	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Endosulphan alpha	µg/L	0.0001	-	-	17	N/A	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Endosulphan beta	µg/L	0.0001	-	-	17	N/A	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Endosulphan Sulphate	µg/L	0.0001	-	-	17	N/A	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Endrin	µg/L	0.0001	-	-	17	N/A	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Endrin aldehyde	µg/L	0.0001	-	-	17	N/A	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Endrin ketone	µg/L	0.0001	-	-	17	N/A	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Ethion	µg/L	0.0001	≤4	-	17	0	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Fluoranthene	µg/L	0.0001	-	-	17	N/A	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Fluorene	µg/L	0.0001	-	-	17	N/A	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Heptachlor	µg/L	0.0001	≤0.3	-	17	0	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Heptachlor Epoxide	µg/L	0.0001	≤0.3	-	17	0	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Indeno(1,2,3-cd)pyrene	µg/L	0.0001	-	-	17	N/A	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Lindane	µg/L	0.0001	≤10	-	17	0	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Malathion	µg/L	0.0001	≤70	-	17	0	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Methamidophos	µg/L	0.0001	-	-	14	N/A	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Methidathion	µg/L	0.0001	≤6	-	17	0	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Methoxychlor	µg/L	0.0001	≤300	-	17	0	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Metolachlor	µg/L	0.0001	≤300	-	17	0	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Metribuzin	µg/L	0.0001	≤70	-	17	0	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Naphthalene	µg/L	0.0001	-	-	17	N/A	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Naphthalene, 1-methyl-	µg/L	0.0001	-	-	17	N/A	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Naphthalene, 2-methyl-	µg/L	0.0001	-	-	17	N/A	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Omethoate	µg/L	0.0001	≤1	-	14	0	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Pentachlorophenol	µg/L	0.0001	≤10	-	17	0	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Phenanthrene	µg/L	0.0001	-	-	17	N/A	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Phenol	µg/L	0.0001	-	-	14	N/A	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Pririmphos methyl	µg/L	0.0001	≤90	-	17	0	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Profenofos	µg/L	0.0001	≤0.3	-	17	0	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Prometryn	µg/L	0.0001	-	-	17	N/A	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Propazine	µg/L	0.0001	≤50	-	17	0	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Propyzamide	µg/L	0.0001	≤70	-	17	0	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Prothiofos	µg/L	0.0001	-	-	17	N/A	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Pyrazophos	µg/L	0.0001	-	-	17	N/A	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Pyrene	µg/L	0.0001	-	-	17	N/A	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Simazine	µg/L	0.0001	≤20	-	17	0	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Tebuthiuron	µg/L	0.0001	-	-	17	N/A	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Terbutryn	µg/L	0.0001	≤400	-	17	0	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Tolclofos-methyl	µg/L	0.0001	-	-	17	N/A	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Trifluralin	µg/L	0.0001	≤90	-	17	0	N/A	0	0	0
Nebo Road WTP Treated Water	TW	SVOCs	Hexazinone	µg/L	0.0001	≤400	-	17	0	N/A	0	0.29	0.03
Nebo Road WTP Treated Water	TW	Cyanobacteria	Cyanobacteria Total Cells	cells/mL	1	-	-	3	N/A	N/A	10	20	13.33
Nebo Road WTP Treated Water	TW	Cyanobacteria	Total Cyanobacteria U	Count	1	-	-	11	N/A	N/A	<1	64	10.94

Water Supply Scheme - MS

Scheme	Location in system	Analytical Suite	Analyte	Unit of measure	Limit of reporting	ADWG Health guideline value	ADWG Aesthetic guideline value	Number of samples taken	Number of samples exceeding ADWG health guideline values'	Number of samples exceeding ADWG aesthetic guideline value	Min	Max	Mean
Sarina Reservoirs	RSV	Microbial	E. coli	MPN/100mL	1	0	-	69	0	N/A	0	0	0
Sarina Reservoirs	RSV	Microbial	Heterotrophic Plate Count	cfu/mL	1	-	-	62	N/A	N/A	0	620	12.81
Sarina Reservoirs	RSV	Microbial	Total Coliforms	MPN/100mL	1	-	-	67	N/A	N/A	0	816	12.19
Sarina Reservoirs	RSV	Physical	Free Chlorine Residual	mg/L	0.02	-	-	67	N/A	N/A	0.24	5.9	1.67
Sarina Reservoirs	RSV	Physical	Total Chlorine	mg/L	0.02	≤5	≤0.6	67	0	64	0.33	6.3	1.76
Sarina Reservoirs	RSV	Physical	Temperature	°C	0.1	-	-	24	N/A	N/A	19.2	29.4	25.33
Sarina Reservoirs	RSV	Physical	pH	pH unit	0-37	-	6.5-8.5	22	N/A	0	7.16	8.2	7.71
Sarina Reservoirs	RSV	Physical	Conductivity	µS/cm	10	-	-	22	N/A	N/A	195.8	1,321.40	418.98
Sarina Reservoirs	RSV	Physical	Turbidity	NTU	0.1	-	≤5	24	N/A	0	<0.1	0.47	0.17
Sarina Reservoirs	RSV	Physical	Dissolved Oxygen	% Sat	0-134	-	≤85	20	N/A	11	71.7	96.6	84.09
Sarina Reservoirs	RSV	Physical	Colour - True	TCU	1	-	≤15	20	N/A	0	<1	2	<1
Sarina Reservoirs	RSV	Physical	Alkalinity	mg/L	1	-	-	22	N/A	N/A	25.2	82.2	58.71
Sarina Reservoirs	RSV	Physical	Bicarbonate	mg/L	0.1	-	-	18	N/A	N/A	66	96	77.06
Sarina Reservoirs	RSV	Physical	Carbonate	mg/L	0.1	-	-	18	N/A	N/A	0.1	0.6	0.31
Sarina Reservoirs	RSV	Physical	Hydroxide	mg/L	0.1	-	-	18	N/A	N/A	<0.1	<0.1	<0.1
Sarina Reservoirs	RSV	Physical	Free Carbon Dioxide	mg/L	1	-	-	18	N/A	N/A	<1	8.6	2.78
Sarina Reservoirs	RSV	TOC	Total Organic Carbon	mg/L	0.3	-	-	20	N/A	N/A	0.64	1.84	1.08
Sarina Reservoirs	RSV	Inorganic	Fluoride	mg/L	0.1	≤1.5	-	20	0	N/A	<0.1	0.11	<0.1
Sarina Reservoirs	RSV	Inorganic	Chloride	mg/L	0.005	-	≤250	20	N/A	0	20.76	156.01	36.96
Sarina Reservoirs	RSV	Inorganic	Nitrate	mg/L	0.3	≤50	-	20	0	N/A	<0.3	15.6	1.81
Sarina Reservoirs	RSV	Inorganic	Nitrite	mg/L	0.4	≤3	-	20	0	N/A	<0.4	<0.4	<0.4
Sarina Reservoirs	RSV	Inorganic	Bromide	mg/L	0.4	-	-	20	N/A	N/A	<0.4	1.41	<0.4
Sarina Reservoirs	RSV	Inorganic	Sulphate	mg/L	0.3	-	≤250	20	N/A	0	1.93	4.08	2.47
Sarina Reservoirs	RSV	Inorganic	Phosphate	mg/L	0.5	-	-	20	N/A	N/A	<0.5	<0.5	<0.5
Sarina Reservoirs	RSV	Inorganic	Calcium (Total)	mg/L	0.5	-	-	20	N/A	N/A	15.88	24.17	19.1
Sarina Reservoirs	RSV	Inorganic	Potassium (Total)	mg/L	0.5	-	-	20	N/A	N/A	0.86	2.38	1.58
Sarina Reservoirs	RSV	Inorganic	Magnesium (Total)	mg/L	0.5	-	-	20	N/A	N/A	4.17	8.6	6.16
Sarina Reservoirs	RSV	Inorganic	Sodium (Total)	mg/L	1	-	≤180	20	N/A	0	13	21.58	16.46
Sarina Reservoirs	RSV	Inorganic	Hardness	mg/L	0.25	-	≤200	20	N/A	0	60	96	72.94
Sarina Reservoirs	RSV	Inorganic	Larson Index	LI	0	-	-	13	N/A	N/A	0.57	0.76	0.67
Sarina Reservoirs	RSV	Total Metals	Aluminium (Total)	µg/L	5	-	≤200	20	N/A	0	<5	86.92	25
Sarina Reservoirs	RSV	Total Metals	Antimony (Total)	µg/L	0.5	≤3	-	20	0	N/A	<0.5	1.43	<0.5
Sarina Reservoirs	RSV	Total Metals	Arsenic (Total)	µg/L	1	≤10	-	20	0	N/A	<1	<1	<1
Sarina Reservoirs	RSV	Total Metals	Barium (Total)	µg/L	1	≤2,000	-	20	0	N/A	5.02	29.32	20.9
Sarina Reservoirs	RSV	Total Metals	Beryllium (Total)	µg/L	0.5	≤60	-	20	0	N/A	<0.5	<0.5	<0.5
Sarina Reservoirs	RSV	Total Metals	Boron (Total)	µg/L	5	≤4,000	-	20	0	N/A	11.39	25.52	15.63
Sarina Reservoirs	RSV	Total Metals	Cadmium (Total)	µg/L	0.1	≤2	-	20	0	N/A	<0.1	<0.1	<0.1
Sarina Reservoirs	RSV	Total Metals	Chromium (Total)	µg/L	0.1	≤50	-	20	0	N/A	0.1	0.55	0.26
Sarina Reservoirs	RSV	Total Metals	Cobalt (Total)	µg/L	0.2	-	-	20	N/A	N/A	<0.2	<0.2	<0.2
Sarina Reservoirs	RSV	Total Metals	Copper (Total)	µg/L	1	≤2,000	≤1,000	20	0	0	<1	30.4	6.42
Sarina Reservoirs	RSV	Total Metals	Iron (Total)	µg/L	1	-	≤300	20	N/A	0	<1	16.13	5.78
Sarina Reservoirs	RSV	Total Metals	Lead (Total)	µg/L	0.5 / 1	≤10	-	20	0	N/A	<0.5	0.8	<0.5
Sarina Reservoirs	RSV	Total Metals	Manganese (Total)	µg/L	1	≤500	≤100	20	0	0	<1	1.96	<1
Sarina Reservoirs	RSV	Total Metals	Mercury (Total)	µg/L	0.05	≤1	-	20	0	N/A	<0.05	<0.05	<0.05
Sarina Reservoirs	RSV	Total Metals	Molybdenum (Total)	µg/L	1	≤50	-	20	0	N/A	<1	1.85	<1
Sarina Reservoirs	RSV	Total Metals	Nickel (Total)	µg/L	0.5	≤20	-	20	0	N/A	<0.5	1.21	<0.5
Sarina Reservoirs	RSV	Total Metals	Selenium (Total)	µg/L	5	≤10	-	20	0	N/A	<5	<5	<5
Sarina Reservoirs	RSV	Total Metals	Silver (Total)	µg/L	0.1	≤100	-	20	0	N/A	<0.1	0.69	0.16
Sarina Reservoirs	RSV	Total Metals	Strontium (Total)	µg/L	1	-	-	20	N/A	N/A	103.8	194.94	140.05
Sarina Reservoirs	RSV	Total Metals	Thallium (Total)	µg/L	0.5	-	-	20	N/A	N/A	<0.5	<0.5	<0.5
Sarina Reservoirs	RSV	Total Metals	Tin (Total)	µg/L	1	-	-	20	N/A	N/A	<1	125	23.41
Sarina Reservoirs	RSV	Total Metals	Titanium (Total)	µg/L	0.5	-	-	20	N/A	N/A	1.44	7.13	2.59
Sarina Reservoirs	RSV	Total Metals	Uranium (Total)	µg/L	0.5	≤17	-	20	0	N/A	<0.5	5.37	0.59
Sarina Reservoirs	RSV	Total Metals	Vanadium (Total)	µg/L	0.1	-	-	20	N/A	N/A	0.14	0.92	0.67

Water Supply Scheme - MS

Scheme	Location in system	Analytical Suite	Analyte	Unit of measure	Limit of reporting	ADWG Health guideline value	ADWG Aesthetic guideline value	Number of samples taken	Number of samples exceeding ADWG health guideline values'	Number of samples exceeding ADWG aesthetic guideline value	Min	Max	Mean
Sarina Reservoirs	RSV	Total Metals	Zinc (Total)	µg/L	1	-	≤3,000	20	N/A	0	<1	10.97	3.97
Sarina Reticulation	RTN	Microbial	E. coli	MPN/100mL	1	0	-	106	0	N/A	0	0	0
Sarina Reticulation	RTN	Microbial	Heterotrophic Plate Count	cfu/mL	1	-	-	103	N/A	N/A	0	24	2.51
Sarina Reticulation	RTN	Microbial	Total Coliforms	MPN/100mL	1	-	-	106	N/A	N/A	0	1	<1
Sarina Reticulation	RTN	Physical	Free Chlorine Residual	mg/L	0.02	-	-	106	N/A	N/A	0.42	2.05	1.24
Sarina Reticulation	RTN	Physical	Total Chlorine	mg/L	0.02	≤5	≤0.6	106	0	105	0.47	2.11	1.34
Sarina Reticulation	RTN	Physical	Temperature	°C	0.1	-	-	106	N/A	N/A	19.3	31	25.79
Sarina Reticulation	RTN	Physical	pH	pH unit	0-38	-	6.5-8.5	106	N/A	0	7.45	8.36	7.88
Sarina Reticulation	RTN	Physical	Conductivity	µS/cm	10	-	-	106	N/A	N/A	149.3	393	239.83
Sarina Reticulation	RTN	Physical	Turbidity	NTU	0.1	-	≤5	106	N/A	0	<0.1	1.71	0.21
Sarina Reticulation	RTN	Physical	Dissolved Oxygen	% Sat	0-135	-	≤85	106	N/A	40	66.9	99.1	87.66
Sarina Reticulation	RTN	Physical	Colour - True	TCU	1	-	≤15	106	N/A	0	<1	7	1.01
Sarina Reticulation	RTN	Physical	Alkalinity	mg/L	1	-	-	104	N/A	N/A	39.22	89.76	68.43
Sarina Reticulation	RTN	Physical	Bicarbonate	mg/L	0.1	-	-	104	N/A	N/A	46	105	80.06
Sarina Reticulation	RTN	Physical	Carbonate	mg/L	0.1	-	-	104	N/A	N/A	0.1	0.7	0.31
Sarina Reticulation	RTN	Physical	Hydroxide	mg/L	0.1	-	-	104	N/A	N/A	<0.1	<0.1	<0.1
Sarina Reticulation	RTN	Physical	Free Carbon Dioxide	mg/L	1	-	-	104	N/A	N/A	<1	4.8	1.87
Sarina Reticulation	RTN	TOC	Total Organic Carbon	mg/L	0.3	-	-	106	N/A	N/A	0.32	12.15	1.21
Sarina Reticulation	RTN	Inorganic	Fluoride	mg/L	0.1	≤1.5	-	106	0	N/A	<0.1	<0.1	<0.1
Sarina Reticulation	RTN	Inorganic	Chloride	mg/L	0.005	-	≤250	106	N/A	0	18.43	38.13	27.9
Sarina Reticulation	RTN	Inorganic	Nitrate	mg/L	0.3	≤50	-	106	0	N/A	<0.3	2.86	0.93
Sarina Reticulation	RTN	Inorganic	Nitrite	mg/L	0.4	≤3	-	106	0	N/A	<0.4	0.46	<0.4
Sarina Reticulation	RTN	Inorganic	Bromide	mg/L	0.4	-	-	106	N/A	N/A	<0.4	<0.4	<0.4
Sarina Reticulation	RTN	Inorganic	Sulphate	mg/L	0.3	-	≤250	106	N/A	0	1.8	12.2	2.9
Sarina Reticulation	RTN	Inorganic	Phosphate	mg/L	0.5	-	-	106	N/A	N/A	<0.5	0.51	<0.5
Sarina Reticulation	RTN	Inorganic	Calcium (Total)	mg/L	0.5	-	-	106	N/A	N/A	12.25	27.52	19.45
Sarina Reticulation	RTN	Inorganic	Potassium (Total)	mg/L	0.5	-	-	102	N/A	N/A	0.56	2.82	1.66
Sarina Reticulation	RTN	Inorganic	Magnesium (Total)	mg/L	0.5	-	-	106	N/A	N/A	2.75	9.01	5.85
Sarina Reticulation	RTN	Inorganic	Sodium (Total)	mg/L	1	-	≤180	106	N/A	0	10.15	25.78	17.16
Sarina Reticulation	RTN	Inorganic	Hardness	mg/L	0.25	-	≤200	106	N/A	0	44	98	72.53
Sarina Reticulation	RTN	Inorganic	Larson Index	LI	0	-	-	103	N/A	N/A	0.5	0.88	0.64
Sarina Reticulation	RTN	Total Metals	Aluminium (Total)	µg/L	5	-	≤200	106	N/A	1	7.88	253.05	23.25
Sarina Reticulation	RTN	Total Metals	Antimony (Total)	µg/L	0.5	≤3	-	106	0	N/A	<0.5	<0.5	<0.5
Sarina Reticulation	RTN	Total Metals	Arsenic (Total)	µg/L	1	≤10	-	106	0	N/A	<1	1.24	<1
Sarina Reticulation	RTN	Total Metals	Barium (Total)	µg/L	1	≤2,000	-	106	0	N/A	11.89	28.83	19.97
Sarina Reticulation	RTN	Total Metals	Beryllium (Total)	µg/L	0.5	≤60	-	106	0	N/A	<0.5	<0.5	<0.5
Sarina Reticulation	RTN	Total Metals	Boron (Total)	µg/L	5	≤4,000	-	106	0	N/A	<5	39.25	15.11
Sarina Reticulation	RTN	Total Metals	Cadmium (Total)	µg/L	0.1	≤2	-	106	0	N/A	<0.1	0.2	<0.1
Sarina Reticulation	RTN	Total Metals	Chromium (Total)	µg/L	0.1	≤50	-	106	0	N/A	<0.1	1.3	0.28
Sarina Reticulation	RTN	Total Metals	Cobalt (Total)	µg/L	0.2	-	-	106	N/A	N/A	<0.2	<0.2	<0.2
Sarina Reticulation	RTN	Total Metals	Copper (Total)	µg/L	1	≤2,000	≤1,000	106	0	0	<1	41.42	6.32
Sarina Reticulation	RTN	Total Metals	Iron (Total)	µg/L	1	-	≤300	106	N/A	0	<1	93.51	12.03
Sarina Reticulation	RTN	Total Metals	Lead (Total)	µg/L	0.5 / 1	≤10	-	106	0	N/A	<0.5	5.47	<0.5
Sarina Reticulation	RTN	Total Metals	Manganese (Total)	µg/L	1	≤500	≤100	106	0	0	<1	23.85	1.12
Sarina Reticulation	RTN	Total Metals	Mercury (Total)	µg/L	0.05	≤1	-	12	0	N/A	<0.05	<0.05	<0.05
Sarina Reticulation	RTN	Total Metals	Molybdenum (Total)	µg/L	1	≤50	-	106	0	N/A	<1	9.46	<1
Sarina Reticulation	RTN	Total Metals	Nickel (Total)	µg/L	0.5	≤20	-	106	0	N/A	<0.5	1.53	<0.5
Sarina Reticulation	RTN	Total Metals	Selenium (Total)	µg/L	5	≤10	-	106	0	N/A	<5	<5	<5
Sarina Reticulation	RTN	Total Metals	Silver (Total)	µg/L	0.1	≤100	-	106	0	N/A	<0.1	1.25	0.14
Sarina Reticulation	RTN	Total Metals	Strontium (Total)	µg/L	1	-	-	106	N/A	N/A	81.52	234.21	141.09
Sarina Reticulation	RTN	Total Metals	Thallium (Total)	µg/L	0.5	-	-	106	N/A	N/A	<0.5	<0.5	<0.5
Sarina Reticulation	RTN	Total Metals	Tin (Total)	µg/L	1	-	-	98	N/A	N/A	<1	133.59	24.97
Sarina Reticulation	RTN	Total Metals	Titanium (Total)	µg/L	0.5	-	-	106	N/A	N/A	<0.5	11.75	3.11
Sarina Reticulation	RTN	Total Metals	Uranium (Total)	µg/L	0.5	≤17	-	106	0	N/A	<0.5	7.19	<0.5

Water Supply Scheme - MS

Scheme	Location in system	Analytical Suite	Analyte	Unit of measure	Limit of reporting	ADWG Health guideline value	ADWG Aesthetic guideline value	Number of samples taken	Number of samples exceeding ADWG health guideline values'	Number of samples exceeding ADWG aesthetic guideline value	Min	Max	Mean
Sarina Reticulation	RTN	Total Metals	Vanadium (Total)	µg/L	0.1	-	-	106	N/A	N/A	0.24	2.22	0.87
Sarina Reticulation	RTN	Total Metals	Zinc (Total)	µg/L	1	-	≤3,000	106	N/A	0	<1	33.14	6.93
Sarina Reticulation	RTN	Oxyhalides	Chlorate	µg/L	20 / 50	-	-	24	N/A	N/A	<20	35.1	<20
Sarina Reticulation	RTN	Oxyhalides	Chlorite	µg/L	20 / 50	≤800	-	24	0	N/A	<20	<20	<20
Sarina Reticulation	RTN	Oxyhalides	Bromate	µg/L	20 / 50	≤20	-	24	0	N/A	<20	<20	<20
Sarina Reticulation	RTN	Trihalomethanes	Bromodichloromethane	µg/L	1	≤250	-	8	0	N/A	15.1	25.3	19.41
Sarina Reticulation	RTN	Trihalomethanes	Bromoform	µg/L	1	≤250	-	8	0	N/A	<1	3.22	1.33
Sarina Reticulation	RTN	Trihalomethanes	Chloroform	µg/L	1	≤250	-	8	0	N/A	24.8	77.9	46
Sarina Reticulation	RTN	Trihalomethanes	Dibromochloromethane	µg/L	1	≤250	-	8	0	N/A	6.1	13.9	9.06
Sarina Reticulation	RTN	Trihalomethanes	Trihalomethanes (Total)	µg/L	1	≤250	-	8	0	N/A	52	111	75.85

Water Supply Scheme - MA

Scheme	Location in system	Analytical Suite	Analyte	Unit of measure	Limit of reporting	ADWG Health guideline value	ADWG Aesthetic guideline value	Number of samples taken	Number of samples exceeding ADWG health guideline values'	Number of samples exceeding ADWG aesthetic guideline value	Min	Max	Mean
Marian Reservoirs	RSV	Microbial	E. coli	MPN/100mL	1	0	-	32	0	N/A	0	0	0
Marian Reservoirs	RSV	Microbial	Heterotrophic Plate Count	cfu/mL	1	-	-	32	N/A	N/A	0	3	<1
Marian Reservoirs	RSV	Microbial	Total Coliforms	MPN/100mL	1	-	-	32	N/A	N/A	0	0	0
Marian Reservoirs	RSV	Physical	Free Chlorine Residual	mg/L	0.02	-	-	32	N/A	N/A	0.78	1.66	1.36
Marian Reservoirs	RSV	Physical	Total Chlorine	mg/L	0.02	≤5	≤0.6	32	0	32	0.83	1.81	1.45
Marian Reservoirs	RSV	Physical	Temperature	°C	0.1	-	-	8	N/A	N/A	19.8	30	26.19
Marian Reservoirs	RSV	Physical	pH	pH unit	0-34	-	6.5-8.5	16	N/A	0	7.17	7.83	7.58
Marian Reservoirs	RSV	Physical	Conductivity	µS/cm	10	-	-	16	N/A	N/A	169.2	263	214.45
Marian Reservoirs	RSV	Physical	Turbidity	NTU	0.1	-	≤5	16	N/A	0	<0.1	0.29	0.12
Marian Reservoirs	RSV	Physical	Dissolved Oxygen	% Sat	0-131	-	≤85	16	N/A	3	80.8	101.6	90.96
Marian Reservoirs	RSV	Physical	Colour - True	TCU	1	-	≤15	16	N/A	0	<1	2	<1
Marian Reservoirs	RSV	Physical	Alkalinity	mg/L	1	-	-	15	N/A	N/A	40.8	68.66	58.26
Marian Reservoirs	RSV	Physical	Bicarbonate	mg/L	0.1	-	-	15	N/A	N/A	48	81	68.53
Marian Reservoirs	RSV	Physical	Carbonate	mg/L	0.1	-	-	15	N/A	N/A	0.1	0.2	0.14
Marian Reservoirs	RSV	Physical	Hydroxide	mg/L	0.1	-	-	15	N/A	N/A	<0.1	<0.1	<0.1
Marian Reservoirs	RSV	Physical	Free Carbon Dioxide	mg/L	1	-	-	15	N/A	N/A	1.6	8.7	3.35
Marian Reservoirs	RSV	TOC	Total Organic Carbon	mg/L	0.3	-	-	16	N/A	N/A	<0.3	1.59	0.72
Marian Reservoirs	RSV	Inorganic	Fluoride	mg/L	0.1	≤1.5	-	16	0	N/A	<0.1	<0.1	<0.1
Marian Reservoirs	RSV	Inorganic	Chloride	mg/L	0.005	-	≤250	16	N/A	0	19.58	33.88	27.62
Marian Reservoirs	RSV	Inorganic	Nitrate	mg/L	0.3	≤50	-	16	0	N/A	0.41	7.1	1.36
Marian Reservoirs	RSV	Inorganic	Nitrite	mg/L	0.4	≤3	-	16	0	N/A	<0.4	<0.4	<0.4
Marian Reservoirs	RSV	Inorganic	Bromide	mg/L	0.4	-	-	16	N/A	N/A	<0.4	<0.4	<0.4
Marian Reservoirs	RSV	Inorganic	Sulphate	mg/L	0.3	-	≤250	16	N/A	0	1.69	2.87	2.29
Marian Reservoirs	RSV	Inorganic	Phosphate	mg/L	0.5	-	-	16	N/A	N/A	<0.5	0.54	<0.5
Marian Reservoirs	RSV	Inorganic	Calcium (Total)	mg/L	0.5	-	-	16	N/A	N/A	10.56	21.22	15.87
Marian Reservoirs	RSV	Inorganic	Potassium (Total)	mg/L	0.5	-	-	16	N/A	N/A	0.76	2.89	1.46
Marian Reservoirs	RSV	Inorganic	Magnesium (Total)	mg/L	0.5	-	-	16	N/A	N/A	4.66	8.79	6.9
Marian Reservoirs	RSV	Inorganic	Sodium (Total)	mg/L	1	-	≤180	16	N/A	0	9.95	20.11	15.13
Marian Reservoirs	RSV	Inorganic	Hardness	mg/L	0.25	-	≤200	16	N/A	0	46	88.59	68.84
Marian Reservoirs	RSV	Inorganic	Larson Index	LI	0	-	-	15	N/A	N/A	0.58	0.96	0.74
Marian Reservoirs	RSV	Total Metals	Aluminium (Total)	µg/L	5	-	≤200	16	N/A	0	5.89	13.4	8.85
Marian Reservoirs	RSV	Total Metals	Antimony (Total)	µg/L	0.5	≤3	-	16	0	N/A	<0.5	1.63	<0.5
Marian Reservoirs	RSV	Total Metals	Arsenic (Total)	µg/L	1	≤10	-	16	0	N/A	<1	<1	<1
Marian Reservoirs	RSV	Total Metals	Barium (Total)	µg/L	1	≤2,000	-	16	0	N/A	17.33	26.99	22.58
Marian Reservoirs	RSV	Total Metals	Beryllium (Total)	µg/L	0.5	≤60	-	17	0	N/A	<0.5	<0.5	<0.5
Marian Reservoirs	RSV	Total Metals	Boron (Total)	µg/L	5	≤4,000	-	16	0	N/A	7.21	16.08	12.9
Marian Reservoirs	RSV	Total Metals	Cadmium (Total)	µg/L	0.1	≤2	-	16	0	N/A	<0.1	<0.1	<0.1
Marian Reservoirs	RSV	Total Metals	Chromium (Total)	µg/L	0.1	≤50	-	16	0	N/A	<0.1	<0.1	<0.1
Marian Reservoirs	RSV	Total Metals	Cobalt (Total)	µg/L	0.2	-	-	16	N/A	N/A	<0.2	<0.2	<0.2
Marian Reservoirs	RSV	Total Metals	Copper (Total)	µg/L	1	≤2,000	≤1,000	16	0	0	3.81	81.3	23.61
Marian Reservoirs	RSV	Total Metals	Iron (Total)	µg/L	1	-	≤300	16	N/A	0	<1	21.35	6.97
Marian Reservoirs	RSV	Total Metals	Lead (Total)	µg/L	0.5 / 1	≤10	-	16	0	N/A	<0.5	1.29	<0.5
Marian Reservoirs	RSV	Total Metals	Manganese (Total)	µg/L	1	≤500	≤100	16	0	0	<1	<1	<1
Marian Reservoirs	RSV	Total Metals	Mercury (Total)	µg/L	0.05	≤1	-	9	0	N/A	<0.05	<0.05	<0.05
Marian Reservoirs	RSV	Total Metals	Molybdenum (Total)	µg/L	1	≤50	-	16	0	N/A	<1	1.06	<1
Marian Reservoirs	RSV	Total Metals	Nickel (Total)	µg/L	0.5	≤20	-	16	0	N/A	<0.5	<0.5	<0.5
Marian Reservoirs	RSV	Total Metals	Selenium (Total)	µg/L	5	≤10	-	16	0	N/A	<5	<5	<5
Marian Reservoirs	RSV	Total Metals	Silver (Total)	µg/L	0.1	≤100	-	16	0	N/A	<0.1	0.76	0.2
Marian Reservoirs	RSV	Total Metals	Strontium (Total)	µg/L	1	-	-	16	N/A	N/A	96.9	247.13	142.35
Marian Reservoirs	RSV	Total Metals	Thallium (Total)	µg/L	0.5	-	-	16	N/A	N/A	<0.5	<0.5	<0.5
Marian Reservoirs	RSV	Total Metals	Tin (Total)	µg/L	1	-	-	15	N/A	N/A	1.33	42.39	21.19
Marian Reservoirs	RSV	Total Metals	Titanium (Total)	µg/L	0.5	-	-	16	N/A	N/A	1.44	6.47	3.29
Marian Reservoirs	RSV	Total Metals	Uranium (Total)	mg/L	0.5	≤17	-	2	0	N/A	<0.5	<0.5	<0.5
Marian Reservoirs	RSV	Total Metals	Uranium (Total)	µg/L	0.5	≤17	-	16	0	N/A	<0.5	1.17	0.45

Water Supply Scheme - MA

Scheme	Location in system	Analytical Suite	Analyte	Unit of measure	Limit of reporting	ADWG Health guideline value	ADWG Aesthetic guideline value	Number of samples taken	Number of samples exceeding ADWG health guideline values'	Number of samples exceeding ADWG aesthetic guideline value	Min	Max	Mean
Marian Reservoirs	RSV	Total Metals	Vanadium (Total)	µg/L	0.1	-	-	16	N/A	N/A	0.41	1.49	0.67
Marian Reservoirs	RSV	Total Metals	Zinc (Total)	µg/L	1	-	≤3,000	16	N/A	0	2.09	16.42	6.16
Marian Reticulation	RTN	Microbial	E. coli	MPN/100mL	1	0	-	153	0	N/A	0	0	0
Marian Reticulation	RTN	Microbial	Heterotrophic Plate Count	cfu/mL	1	-	-	147	N/A	N/A	0	115	2.99
Marian Reticulation	RTN	Microbial	Total Coliforms	MPN/100mL	1	-	-	153	N/A	N/A	0	1	<1
Marian Reticulation	RTN	Physical	Free Chlorine Residual	mg/L	0.02	-	-	153	N/A	N/A	0.69	1.71	1.18
Marian Reticulation	RTN	Physical	Total Chlorine	mg/L	0.02	≤5	≤0.6	153	0	153	0.73	1.76	1.26
Marian Reticulation	RTN	Physical	Temperature	°C	0.1	-	-	153	N/A	N/A	18.8	30.7	26.63
Marian Reticulation	RTN	Physical	pH	pH unit	0-35	-	6.5-8.5	152	N/A	0	6.63	8.08	7.52
Marian Reticulation	RTN	Physical	Conductivity	µS/cm	10	-	-	152	N/A	N/A	148	520.6	233.74
Marian Reticulation	RTN	Physical	Turbidity	NTU	0.1	-	≤5	153	N/A	0	<0.1	2.88	0.22
Marian Reticulation	RTN	Physical	Dissolved Oxygen	% Sat	0-132	-	≤85	153	N/A	60	57.1	100.8	87.28
Marian Reticulation	RTN	Physical	Colour - True	TCU	1	-	≤15	153	N/A	0	<1	6	<1
Marian Reticulation	RTN	Physical	Alkalinity	mg/L	1	-	-	152	N/A	N/A	38.7	124.52	63.28
Marian Reticulation	RTN	Physical	Bicarbonate	mg/L	0.1	-	-	152	N/A	N/A	<0.1	147	73.24
Marian Reticulation	RTN	Physical	Carbonate	mg/L	0.1	-	-	152	N/A	N/A	<0.1	0.4	0.14
Marian Reticulation	RTN	Physical	Hydroxide	mg/L	0.1	-	-	152	N/A	N/A	<0.1	<0.1	<0.1
Marian Reticulation	RTN	Physical	Free Carbon Dioxide	mg/L	1	-	-	152	N/A	N/A	<1	56.5	4.8
Marian Reticulation	RTN	TOC	Total Organic Carbon	mg/L	0.3	-	-	152	N/A	N/A	<0.3	1.68	0.58
Marian Reticulation	RTN	Inorganic	Fluoride	mg/L	0.1	≤1.5	-	153	0	N/A	<0.1	<0.1	<0.1
Marian Reticulation	RTN	Inorganic	Chloride	mg/L	0.005	-	≤250	153	N/A	0	16.8	72.09	29.63
Marian Reticulation	RTN	Inorganic	Nitrate	mg/L	0.3	≤50	-	153	0	N/A	<0.3	26.08	2.46
Marian Reticulation	RTN	Inorganic	Nitrite	mg/L	0.4	≤3	-	153	0	N/A	<0.4	<0.4	<0.4
Marian Reticulation	RTN	Inorganic	Bromide	mg/L	0.4	-	-	153	N/A	N/A	<0.4	0.58	<0.4
Marian Reticulation	RTN	Inorganic	Sulphate	mg/L	0.3	-	≤250	153	N/A	0	1.62	4.81	2.4
Marian Reticulation	RTN	Inorganic	Phosphate	mg/L	0.5	-	-	153	N/A	N/A	<0.5	0.52	<0.5
Marian Reticulation	RTN	Inorganic	Calcium (Total)	mg/L	0.5	-	-	153	N/A	N/A	10.75	38.26	16.7
Marian Reticulation	RTN	Inorganic	Potassium (Total)	mg/L	0.5	-	-	153	N/A	N/A	0.69	2.89	1.22
Marian Reticulation	RTN	Inorganic	Magnesium (Total)	mg/L	0.5	-	-	153	N/A	N/A	4.3	18.92	7.36
Marian Reticulation	RTN	Inorganic	Sodium (Total)	mg/L	1	-	≤180	153	N/A	0	10.31	41.4	17.26
Marian Reticulation	RTN	Inorganic	Hardness	mg/L	0.25	-	≤200	153	N/A	0	45	167	71.67
Marian Reticulation	RTN	Inorganic	Larson Index	LI	0	-	-	152	N/A	N/A	0.56	1.01	0.72
Marian Reticulation	RTN	Total Metals	Aluminium (Total)	µg/L	5	-	≤200	153	N/A	1	<5	394.97	14.56
Marian Reticulation	RTN	Total Metals	Antimony (Total)	µg/L	0.5	≤3	-	153	0	N/A	<0.5	2.35	<0.5
Marian Reticulation	RTN	Total Metals	Arsenic (Total)	µg/L	1	≤10	-	153	0	N/A	<1	4.96	<1
Marian Reticulation	RTN	Total Metals	Barium (Total)	µg/L	1	≤2,000	-	153	0	N/A	13.31	55.23	22.26
Marian Reticulation	RTN	Total Metals	Beryllium (Total)	µg/L	0.5	≤60	-	153	0	N/A	<0.5	0.96	<0.5
Marian Reticulation	RTN	Total Metals	Boron (Total)	µg/L	5	≤4,000	-	153	0	N/A	7.12	17.6	11.8
Marian Reticulation	RTN	Total Metals	Cadmium (Total)	µg/L	0.1	≤2	-	153	0	N/A	<0.1	0.62	<0.1
Marian Reticulation	RTN	Total Metals	Chromium (Total)	µg/L	0.1	≤50	-	153	0	N/A	<0.1	0.64	0.14
Marian Reticulation	RTN	Total Metals	Cobalt (Total)	µg/L	0.2	-	-	153	N/A	N/A	<0.2	0.74	<0.2
Marian Reticulation	RTN	Total Metals	Copper (Total)	µg/L	1	≤2,000	≤1,000	153	0	0	<1	125.12	14.44
Marian Reticulation	RTN	Total Metals	Iron (Total)	µg/L	1	-	≤300	153	N/A	2	<1	402.25	19.85
Marian Reticulation	RTN	Total Metals	Lead (Total)	µg/L	0.5 / 1	≤10	-	153	0	N/A	<0.5	3.39	0.51
Marian Reticulation	RTN	Total Metals	Manganese (Total)	µg/L	1	≤500	≤100	153	0	0	<1	53.12	1.27
Marian Reticulation	RTN	Total Metals	Mercury (Total)	µg/L	0.05	≤1	-	12	0	N/A	<0.05	<0.05	<0.05
Marian Reticulation	RTN	Total Metals	Molybdenum (Total)	µg/L	1	≤50	-	153	0	N/A	<1	28.02	<1
Marian Reticulation	RTN	Total Metals	Nickel (Total)	µg/L	0.5	≤20	-	153	0	N/A	<0.5	4.94	<0.5
Marian Reticulation	RTN	Total Metals	Selenium (Total)	µg/L	5	≤10	-	153	0	N/A	<5	7.44	<5
Marian Reticulation	RTN	Total Metals	Silver (Total)	µg/L	0.1	≤100	-	153	0	N/A	<0.1	2.18	0.17
Marian Reticulation	RTN	Total Metals	Strontium (Total)	µg/L	1	-	-	153	N/A	N/A	79.58	443.4	145.52
Marian Reticulation	RTN	Total Metals	Thallium (Total)	µg/L	0.5	-	-	153	N/A	N/A	<0.5	2.93	<0.5
Marian Reticulation	RTN	Total Metals	Tin (Total)	µg/L	1	-	-	141	N/A	N/A	<1	517.7	31.56
Marian Reticulation	RTN	Total Metals	Titanium (Total)	µg/L	0.5	-	-	153	N/A	N/A	<0.5	31.26	3.95

Water Supply Scheme - MA

Scheme	Location in system	Analytical Suite	Analyte	Unit of measure	Limit of reporting	ADWG Health guideline value	ADWG Aesthetic guideline value	Number of samples taken	Number of samples exceeding ADWG health guideline values'	Number of samples exceeding ADWG aesthetic guideline value	Min	Max	Mean
Marian Reticulation	RTN	Total Metals	Uranium (Total)	µg/L	0.5	≤17	-	153	0	N/A	<0.5	9.25	0.67
Marian Reticulation	RTN	Total Metals	Vanadium (Total)	µg/L	0.1	-	-	153	N/A	N/A	<0.1	4.49	0.84
Marian Reticulation	RTN	Total Metals	Zinc (Total)	µg/L	1	-	≤3,000	153	N/A	0	<1	483.14	19.71
Marian Reticulation	RTN	Oxyhalides	Chlorate	µg/L	20 / 50	-	-	36	N/A	N/A	<20	277.74	35.33
Marian Reticulation	RTN	Oxyhalides	Chlorite	µg/L	20 / 50	≤800	-	36	0	N/A	<20	<20	<20
Marian Reticulation	RTN	Oxyhalides	Bromate	µg/L	20 / 50	≤20	-	36	0	N/A	<20	<20	<20
Marian Reticulation	RTN	Trihalomethanes	Bromodichloromethane	µg/L	1	≤250	-	12	0	N/A	4.9	19.7	12.81
Marian Reticulation	RTN	Trihalomethanes	Bromoform	µg/L	1	≤250	-	12	0	N/A	<1	3.8	1.09
Marian Reticulation	RTN	Trihalomethanes	Chloroform	µg/L	1	≤250	-	12	0	N/A	2.9	46.8	19.2
Marian Reticulation	RTN	Trihalomethanes	Dibromochloromethane	µg/L	1	≤250	-	12	0	N/A	5.5	12.9	8.9
Marian Reticulation	RTN	Trihalomethanes	Trihalomethanes (Total)	µg/L	1	≤250	-	12	0	N/A	16.2	74.4	42.75
Marian WTP Treated Water	TW	Microbial	E. coli	MPN/100mL	1	0	-	50	0	N/A	0	0	0
Marian WTP Treated Water	TW	Microbial	Heterotrophic Plate Count	cfu/mL	1	-	-	49	N/A	N/A	0	10	<1
Marian WTP Treated Water	TW	Microbial	Total Coliforms	MPN/100mL	1	-	-	50	N/A	N/A	0	1	<1
Marian WTP Treated Water	TW	Physical	Free Chlorine Residual	mg/L	0.02	-	-	50	N/A	N/A	0.87	2.15	1.68
Marian WTP Treated Water	TW	Physical	Total Chlorine	mg/L	0.02	≤5	≤0.6	50	0	50	0.99	2.3	1.8
Marian WTP Treated Water	TW	Physical	Temperature	°C	0.1	-	-	48	N/A	N/A	16.2	29.7	25.67
Marian WTP Treated Water	TW	Physical	pH	pH unit	0-27	-	6.5-8.5	50	N/A	0	7.15	8.27	7.56
Marian WTP Treated Water	TW	Physical	Conductivity	µS/cm	10	-	-	50	N/A	N/A	139.2	253.7	207.94
Marian WTP Treated Water	TW	Physical	Turbidity	NTU	0.1	-	≤5	50	N/A	0	<0.1	1.26	0.12
Marian WTP Treated Water	TW	Physical	Dissolved Oxygen	% Sat	0-124	-	≤85	50	N/A	16	78.3	104.8	89.54
Marian WTP Treated Water	TW	Physical	Colour - True	TCU	1	-	≤15	49	N/A	0	<1	5	<1
Marian WTP Treated Water	TW	Physical	Alkalinity	mg/L	1	-	-	50	N/A	N/A	30.2	72.68	58.55
Marian WTP Treated Water	TW	Physical	Bicarbonate	mg/L	0.1	-	-	50	N/A	N/A	36	85	68.74
Marian WTP Treated Water	TW	Physical	Carbonate	mg/L	0.1	-	-	50	N/A	N/A	<0.1	0.7	0.15
Marian WTP Treated Water	TW	Physical	Hydroxide	mg/L	0.1	-	-	50	N/A	N/A	<0.1	<0.1	<0.1
Marian WTP Treated Water	TW	Physical	Free Carbon Dioxide	mg/L	1	-	-	50	N/A	N/A	<1	6.9	3.4
Marian WTP Treated Water	TW	TOC	Total Organic Carbon	mg/L	0.3	-	-	50	N/A	N/A	<0.3	1.73	0.67
Marian WTP Treated Water	TW	Inorganic	Fluoride	mg/L	0.1	≤1.5	-	50	0	N/A	<0.1	<0.1	<0.1
Marian WTP Treated Water	TW	Inorganic	Chloride	mg/L	0.005	-	≤250	50	N/A	0	16.59	33.72	26.16
Marian WTP Treated Water	TW	Inorganic	Nitrate	mg/L	0.3	≤50	-	50	0	N/A	<0.3	2.51	0.65
Marian WTP Treated Water	TW	Inorganic	Nitrite	mg/L	0.4	≤3	-	50	0	N/A	<0.4	0.79	<0.4
Marian WTP Treated Water	TW	Inorganic	Bromide	mg/L	0.4	-	-	50	N/A	N/A	<0.4	0.54	<0.4
Marian WTP Treated Water	TW	Inorganic	Sulphate	mg/L	0.3	-	≤250	50	N/A	0	1.68	3.33	2.23
Marian WTP Treated Water	TW	Inorganic	Phosphate	mg/L	0.5	-	-	50	N/A	N/A	<0.5	<0.5	<0.5
Marian WTP Treated Water	TW	Inorganic	Calcium (Total)	mg/L	0.5	-	-	50	N/A	N/A	9.47	18.65	14.8
Marian WTP Treated Water	TW	Inorganic	Potassium (Total)	mg/L	0.5	-	-	50	N/A	N/A	0.74	3.1	1.34
Marian WTP Treated Water	TW	Inorganic	Magnesium (Total)	mg/L	0.5	-	-	50	N/A	N/A	3.75	9.75	6.53
Marian WTP Treated Water	TW	Inorganic	Sodium (Total)	mg/L	1	-	≤180	50	N/A	0	9.3	25.59	15.31
Marian WTP Treated Water	TW	Inorganic	Hardness	mg/L	0.25	-	≤200	50	N/A	0	39.09	83	63.87
Marian WTP Treated Water	TW	Inorganic	Larson Index	LI	0	-	-	50	N/A	N/A	0.56	1.2	0.7
Marian WTP Treated Water	TW	Total Metals	Aluminium (Total)	µg/L	5	-	≤200	50	N/A	0	<5	47.84	12.14
Marian WTP Treated Water	TW	Total Metals	Antimony (Total)	µg/L	0.5	≤3	-	20	0	N/A	<0.5	2.49	<0.5
Marian WTP Treated Water	TW	Total Metals	Arsenic (Total)	µg/L	1	≤10	-	50	0	N/A	<1	<1	<1
Marian WTP Treated Water	TW	Total Metals	Barium (Total)	µg/L	1	≤2,000	-	50	0	N/A	15.58	29.68	22.22
Marian WTP Treated Water	TW	Total Metals	Beryllium (Total)	µg/L	0.5	≤60	-	50	0	N/A	<0.5	<0.5	<0.5
Marian WTP Treated Water	TW	Total Metals	Boron (Total)	µg/L	5	≤4,000	-	50	0	N/A	6.22	16.7	11.78
Marian WTP Treated Water	TW	Total Metals	Cadmium (Total)	µg/L	0.1	≤2	-	50	0	N/A	<0.1	<0.1	<0.1
Marian WTP Treated Water	TW	Total Metals	Chromium (Total)	µg/L	0.1	≤50	-	50	0	N/A	<0.1	0.27	<0.1
Marian WTP Treated Water	TW	Total Metals	Cobalt (Total)	µg/L	0.2	-	-	50	N/A	N/A	<0.2	<0.2	<0.2
Marian WTP Treated Water	TW	Total Metals	Copper (Total)	µg/L	1	≤2,000	≤1,000	50	0	0	<1	18.13	<1
Marian WTP Treated Water	TW	Total Metals	Iron (Total)	µg/L	1	-	≤300	50	N/A	0	<1	40.65	9.26
Marian WTP Treated Water	TW	Total Metals	Lead (Total)	µg/L	0.5 / 1	≤10	-	50	0	N/A	<0.5	1.68	0.22
Marian WTP Treated Water	TW	Total Metals	Manganese (Total)	µg/L	1	≤500	≤100	49	0	0	<1	2.16	<1

Water Supply Scheme - MA

Scheme	Location in system	Analytical Suite	Analyte	Unit of measure	Limit of reporting	ADWG Health guideline value	ADWG Aesthetic guideline value	Number of samples taken	Number of samples exceeding ADWG health guideline values'	Number of samples exceeding ADWG aesthetic guideline value	Min	Max	Mean
Marian WTP Treated Water	TW	Total Metals	Manganese (Total)	mg/L	1	≤500	≤100	1	0	0	<1	<1	<1
Marian WTP Treated Water	TW	Total Metals	Mercury (Total)	µg/L	0.05	≤1	-	5	0	N/A	<0.05	<0.05	<0.05
Marian WTP Treated Water	TW	Total Metals	Molybdenum (Total)	µg/L	1	≤50	-	50	0	N/A	<1	9.9	<1
Marian WTP Treated Water	TW	Total Metals	Nickel (Total)	µg/L	0.5	≤20	-	50	0	N/A	<0.5	0.98	<0.5
Marian WTP Treated Water	TW	Total Metals	Selenium (Total)	µg/L	5	≤10	-	50	0	N/A	<5	<5	<5
Marian WTP Treated Water	TW	Total Metals	Silver (Total)	µg/L	0.1	≤100	-	50	0	N/A	<0.1	1.2	0.18
Marian WTP Treated Water	TW	Total Metals	Strontium (Total)	µg/L	1	-	-	50	N/A	N/A	73.37	223.93	122.94
Marian WTP Treated Water	TW	Total Metals	Thallium (Total)	µg/L	0.5	-	-	50	N/A	N/A	<0.5	<0.5	<0.5
Marian WTP Treated Water	TW	Total Metals	Tin (Total)	µg/L	1	-	-	46	N/A	N/A	<1	217.48	27.57
Marian WTP Treated Water	TW	Total Metals	Titanium (Total)	µg/L	0.5	-	-	50	N/A	N/A	<0.5	<0.5	<0.5
Marian WTP Treated Water	TW	Total Metals	Uranium (Total)	µg/L	0.5	≤17	-	50	0	N/A	<0.5	7.1	0.63
Marian WTP Treated Water	TW	Total Metals	Vanadium (Total)	µg/L	0.1	-	-	50	N/A	N/A	<0.1	1.2	0.52
Marian WTP Treated Water	TW	Total Metals	Zinc (Total)	µg/L	1	-	≤3,000	50	N/A	0	<1	11.09	1.07
Marian WTP Treated Water	TW	Oxyhalides	Chlorate	µg/L	20 / 50	-	-	11	N/A	N/A	<20	68.09	<20
Marian WTP Treated Water	TW	Oxyhalides	Chlorite	µg/L	20 / 50	≤800	-	11	0	N/A	<20	<20	<20
Marian WTP Treated Water	TW	Oxyhalides	Bromate	µg/L	20 / 50	≤20	-	11	0	N/A	<20	<20	<20
Marian WTP Treated Water	TW	Trihalomethanes	Bromodichloromethane	µg/L	1	≤250	-	11	0	N/A	1.3	8.5	4.34
Marian WTP Treated Water	TW	Trihalomethanes	Bromoform	µg/L	1	≤250	-	11	0	N/A	<1	3.51	1.14
Marian WTP Treated Water	TW	Trihalomethanes	Chloroform	µg/L	1	≤250	-	11	0	N/A	<1	16.3	4.59
Marian WTP Treated Water	TW	Trihalomethanes	Dibromochloromethane	µg/L	1	≤250	-	11	0	N/A	2.3	6.25	3.84
Marian WTP Treated Water	TW	Trihalomethanes	Trihalomethanes (Total)	µg/L	1	≤250	-	11	0	N/A	5	28.8	13.96
Marian WTP Treated Water	TW	SVOCs	2,3,4,6-tetrachlorophenol	µg/L	0.0001	-	-	12	N/A	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	2,4,5-Trichlorophenol	µg/L	0.0001	≤100	-	12	0	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	2,4,6-Trichlorophenol	µg/L	0.0001	≤20	≤2	12	0	0	0	0	0
Marian WTP Treated Water	TW	SVOCs	2,4-Dichlorophenol	µg/L	0.0001	≤200	≤0.3	10	0	0	0	0	0
Marian WTP Treated Water	TW	SVOCs	2,4-Dimethylphenol	µg/L	0.0001	-	-	10	N/A	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	2,4-Dinitrophenol	µg/L	0.0001	-	-	12	N/A	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	2,6-Dichlorophenol	µg/L	0.0001	-	-	12	N/A	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	2-Chlorophenol	µg/L	0.0001	≤300	≤0.1	10	0	0	0	0	0
Marian WTP Treated Water	TW	SVOCs	2-Methylphenol	µg/L	0.0001	-	-	10	N/A	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	2-Nitrophenol	µg/L	0.0001	-	-	10	N/A	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	3- & 4-Methylphenol	µg/L	0.0001	-	-	10	N/A	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	4,4'-DDD	µg/L	0.0001	-	-	12	N/A	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	4,4'-DDE	µg/L	0.0001	-	-	12	N/A	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	4,4'-DDT	µg/L	0.0001	≤9	-	12	0	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	4,6-Dinitro-2-methylphenol	µg/L	0.0001	-	-	10	N/A	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	4-Chloro-3-Methylphenol	µg/L	0.0001	-	-	12	N/A	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	4-Nitrophenol	µg/L	0.0001	-	-	10	N/A	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Acenaphthene	µg/L	0.0001	-	-	12	N/A	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Acenaphthylene	µg/L	0.0001	-	-	12	N/A	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Aldrin	µg/L	0.0001	≤0.3	-	12	0	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Alpha-BHC	µg/L	0.0001	-	-	12	N/A	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Ametryn	µg/L	0.0001	≤70	-	12	0	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Atrazine	µg/L	0.0001	≤20	-	12	0	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Azinophos methyl	µg/L	0.0001	≤30	-	12	0	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Benz(a)anthracene	µg/L	0.0001	-	-	12	N/A	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Benzo(a)pyrene	µg/L	0.0001	≤0.01	-	12	0	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Benzo(b)fluoranthene	µg/L	0.0001	-	-	12	N/A	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Benzo(g,h,i)perylene	µg/L	0.0001	-	-	12	N/A	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Benzo(k)fluoranthene	µg/L	0.0001	-	-	12	N/A	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Beta-BHC	µg/L	0.0001	-	-	12	N/A	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Bromacil	µg/L	0.0001	≤400	-	12	0	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Chlordane cis	µg/L	0.0001	≤2	-	12	0	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Chlordane trans	µg/L	0.0001	≤2	-	12	0	N/A	0	0	0

Water Supply Scheme - MA

Scheme	Location in system	Analytical Suite	Analyte	Unit of measure	Limit of reporting	ADWG Health guideline value	ADWG Aesthetic guideline value	Number of samples taken	Number of samples exceeding ADWG health guideline values'	Number of samples exceeding ADWG aesthetic guideline value	Min	Max	Mean
Marian WTP Treated Water	TW	SVOCs	Chlorpyrifos	µg/L	0.0001	≤10	-	12	0	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Chrysene	µg/L	0.0001	-	-	12	N/A	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	delta-BHC	µg/L	0.0001	-	-	12	N/A	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Demeton-S-methyl	µg/L	0.0001	-	-	7	N/A	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Diazinon	µg/L	0.0001	≤4	-	12	0	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Dibenz(a,h)anthracene	µg/L	0.0001	-	-	12	N/A	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Dichlorvos	µg/L	0.0001	≤5	-	12	0	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Dieldrin	µg/L	0.0001	≤0.3	-	12	0	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Dimethoate	µg/L	0.0001	≤7	-	10	0	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Dinoseb	µg/L	0.0001	-	-	10	N/A	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Diuron	µg/L	0.0001	≤20	-	12	0	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Endosulphan alpha	µg/L	0.0001	-	-	12	N/A	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Endosulphan beta	µg/L	0.0001	-	-	12	N/A	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Endosulphan Sulphate	µg/L	0.0001	-	-	12	N/A	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Endrin	µg/L	0.0001	-	-	12	N/A	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Endrin aldehyde	µg/L	0.0001	-	-	12	N/A	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Endrin ketone	µg/L	0.0001	-	-	12	N/A	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Ethion	µg/L	0.0001	≤4	-	12	0	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Fluorene	µg/L	0.0001	-	-	12	N/A	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Heptachlor	µg/L	0.0001	≤0.3	-	12	0	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Heptachlor Epoxide	µg/L	0.0001	≤0.3	-	12	0	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Hexazinone	µg/L	0.0001	≤400	-	12	0	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Indeno(1,2,3-cd)pyrene	µg/L	0.0001	-	-	12	N/A	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Lindane	µg/L	0.0001	≤10	-	12	0	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Malathion	µg/L	0.0001	≤70	-	12	0	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Methamidophos	µg/L	0.0001	-	-	10	N/A	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Methidathion	µg/L	0.0001	≤6	-	12	0	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Methoxychlor	µg/L	0.0001	≤300	-	12	0	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Metolachlor	µg/L	0.0001	≤300	-	12	0	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Metribuzin	µg/L	0.0001	≤70	-	12	0	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Naphthalene	µg/L	0.0001	-	-	12	N/A	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Naphthalene, 1-methyl-	µg/L	0.0001	-	-	12	N/A	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Naphthalene, 2-methyl-	µg/L	0.0001	-	-	12	N/A	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Omethoate	µg/L	0.0001	≤1	-	10	0	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Pentachlorophenol	µg/L	0.0001	≤10	-	12	0	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Phenol	µg/L	0.0001	-	-	10	N/A	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Pirimiphos methyl	µg/L	0.0001	≤90	-	12	0	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Profenofos	µg/L	0.0001	≤0.3	-	12	0	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Prometryn	µg/L	0.0001	-	-	12	N/A	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Propazine	µg/L	0.0001	≤50	-	12	0	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Propyzamide	µg/L	0.0001	≤70	-	12	0	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Prothiofos	µg/L	0.0001	-	-	12	N/A	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Pyrazophos	µg/L	0.0001	-	-	12	N/A	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Pyrene	µg/L	0.0001	-	-	12	N/A	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Simazine	µg/L	0.0001	≤20	-	12	0	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Tebuthiuron	µg/L	0.0001	-	-	12	N/A	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Terbutryn	µg/L	0.0001	≤400	-	12	0	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Tolclofos-methyl	µg/L	0.0001	-	-	12	N/A	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Trifluralin	µg/L	0.0001	≤90	-	12	0	N/A	0	0	0
Marian WTP Treated Water	TW	SVOCs	Anthracene	µg/L	0.0001	-	-	12	N/A	N/A	0	0.16	0.01
Marian WTP Treated Water	TW	SVOCs	Fluoranthene	µg/L	0.0001	-	-	12	N/A	N/A	0	0.08	0.01
Marian WTP Treated Water	TW	SVOCs	Phenanthrene	µg/L	0.0001	-	-	12	N/A	N/A	0	0.21	0.03
Marian WTP Treated Water	TW	Cyanobacteria	Total Cyanobacteria Û	Count	1	-	-	23	N/A	N/A	<1	1,947.00	95.61

Water Supply Scheme - MP

Scheme	Location in system	Analytical Suite	Analyte	Unit of measure	Limit of reporting	ADWG Health guideline value	ADWG Aesthetic guideline value	Number of samples taken	Number of samples exceeding ADWG health guideline values'	Number of samples exceeding ADWG aesthetic guideline value	Min	Max	Mean
Kelsey Creek Treated Water	TW	Microbial	E. coli	MPN/100mL	1	0	-	3	0	N/A	0	0	0
Kelsey Creek Treated Water	TW	Microbial	Heterotrophic Plate Count	cfu/mL	1	-	-	3	N/A	N/A	0	2	1.33
Kelsey Creek Treated Water	TW	Microbial	Total Coliforms	MPN/100mL	1	-	-	3	N/A	N/A	0	0	0
Kelsey Creek Treated Water	TW	Physical	Free Chlorine Residual	mg/L	0.02	-	-	4	N/A	N/A	1.48	6.25	3.06
Kelsey Creek Treated Water	TW	Physical	Total Chlorine	mg/L	0.02	≤5	≤0.6	4	1	4	1.53	6.7	3.23
Kelsey Creek Treated Water	TW	Physical	Temperature	°C	0.1	-	-	3	N/A	N/A	23.4	28.3	25.6
Kelsey Creek Treated Water	TW	Physical	pH	pH unit	0-28	-	6.5-8.5	32	N/A	0	6.95	8.17	7.28
Kelsey Creek Treated Water	TW	Physical	Conductivity	µS/cm	10	-	-	3	N/A	N/A	340.9	402.2	374.2
Kelsey Creek Treated Water	TW	Physical	Turbidity	NTU	0.1	-	≤5	3	N/A	1	1.57	5.86	3.79
Kelsey Creek Treated Water	TW	Physical	Dissolved Oxygen	% Sat	0-125	-	≤85	3	N/A	3	71.6	84.7	80.27
Kelsey Creek Treated Water	TW	Physical	Colour - True	TCU	1	-	≤15	3	N/A	0	1	13	5.33
Kelsey Creek Treated Water	TW	Physical	Alkalinity	mg/L	1	-	-	3	N/A	N/A	71.02	92.18	83.3
Kelsey Creek Treated Water	TW	Physical	Bicarbonate	mg/L	0.1	-	-	3	N/A	N/A	84	109	98.33
Kelsey Creek Treated Water	TW	Physical	Carbonate	mg/L	0.1	-	-	3	N/A	N/A	<0.1	0.2	0.11
Kelsey Creek Treated Water	TW	Physical	Hydroxide	mg/L	0.1	-	-	3	N/A	N/A	<0.1	<0.1	<0.1
Kelsey Creek Treated Water	TW	Physical	Free Carbon Dioxide	mg/L	1	-	-	3	N/A	N/A	4.1	14.9	10.4
Kelsey Creek Treated Water	TW	TOC	Total Organic Carbon	mg/L	0.3	-	-	4	N/A	N/A	1.86	2.5	2.19
Kelsey Creek Treated Water	TW	Inorganic	Fluoride	mg/L	0.1	≤1.5	-	3	0	N/A	<0.1	<0.1	<0.1
Kelsey Creek Treated Water	TW	Inorganic	Chloride	mg/L	0.005	-	≤250	3	N/A	0	64.07	66.16	65.31
Kelsey Creek Treated Water	TW	Inorganic	Nitrate	mg/L	0.3	≤50	-	3	0	N/A	<0.3	0.4	<0.3
Kelsey Creek Treated Water	TW	Inorganic	Nitrite	mg/L	0.4	≤3	-	3	0	N/A	<0.4	<0.4	<0.4
Kelsey Creek Treated Water	TW	Inorganic	Bromide	mg/L	0.4	-	-	3	N/A	N/A	<0.4	<0.4	<0.4
Kelsey Creek Treated Water	TW	Inorganic	Sulphate	mg/L	0.3	-	≤250	3	N/A	0	0.93	2.56	1.48
Kelsey Creek Treated Water	TW	Inorganic	Phosphate	mg/L	0.5	-	-	3	N/A	N/A	<0.5	<0.5	<0.5
Kelsey Creek Treated Water	TW	Inorganic	Calcium (Total)	mg/L	0.5	-	-	3	N/A	N/A	20.61	23.55	21.81
Kelsey Creek Treated Water	TW	Inorganic	Potassium (Total)	mg/L	0.5	-	-	3	N/A	N/A	2.42	2.53	2.48
Kelsey Creek Treated Water	TW	Inorganic	Magnesium (Total)	mg/L	0.5	-	-	3	N/A	N/A	8.71	11.68	9.89
Kelsey Creek Treated Water	TW	Inorganic	Sodium (Total)	mg/L	1	-	≤180	3	N/A	0	33.86	45.7	39.15
Kelsey Creek Treated Water	TW	Inorganic	Hardness	mg/L	0.25	-	≤200	3	N/A	0	87	107	95.09
Kelsey Creek Treated Water	TW	Inorganic	Larson Index	LI	0	-	-	3	N/A	N/A	1.07	1.37	1.18
Kelsey Creek Treated Water	TW	Total Metals	Aluminium (Total)	µg/L	5	-	≤200	3	N/A	0	<5	8.21	<5
Kelsey Creek Treated Water	TW	Total Metals	Antimony (Total)	µg/L	0.5	≤3	-	3	0	N/A	<0.5	<0.5	<0.5
Kelsey Creek Treated Water	TW	Total Metals	Arsenic (Total)	µg/L	1	≤10	-	3	0	N/A	<1	<1	<1
Kelsey Creek Treated Water	TW	Total Metals	Barium (Total)	µg/L	1	≤2,000	-	3	0	N/A	22.22	32.64	27.03
Kelsey Creek Treated Water	TW	Total Metals	Beryllium (Total)	µg/L	0.5	≤60	-	3	0	N/A	<0.5	<0.5	<0.5
Kelsey Creek Treated Water	TW	Total Metals	Boron (Total)	µg/L	5	≤4,000	-	3	0	N/A	23.28	29.31	26.53
Kelsey Creek Treated Water	TW	Total Metals	Cadmium (Total)	µg/L	0.1	≤2	-	3	0	N/A	<0.1	<0.1	<0.1
Kelsey Creek Treated Water	TW	Total Metals	Chromium (Total)	µg/L	0.1	≤50	-	3	0	N/A	<0.1	<0.1	<0.1
Kelsey Creek Treated Water	TW	Total Metals	Cobalt (Total)	µg/L	0.2	-	-	3	N/A	N/A	<0.2	<0.2	<0.2
Kelsey Creek Treated Water	TW	Total Metals	Copper (Total)	µg/L	1	≤2,000	≤1,000	3	0	0	53.36	95.79	76.37
Kelsey Creek Treated Water	TW	Total Metals	Iron (Total)	µg/L	1	-	≤300	42	N/A	3	8.82	489.99	156.86
Kelsey Creek Treated Water	TW	Total Metals	Lead (Total)	µg/L	0.5 / 1	≤10	-	3	0	N/A	<0.5	1.33	0.81
Kelsey Creek Treated Water	TW	Total Metals	Manganese (Total)	µg/L	1	≤500	≤100	42	9	39	82.12	844.47	425.16
Kelsey Creek Treated Water	TW	Total Metals	Mercury (Total)	µg/L	0.05	≤1	-	3	0	N/A	<0.05	<0.05	<0.05
Kelsey Creek Treated Water	TW	Total Metals	Molybdenum (Total)	µg/L	1	≤50	-	3	0	N/A	<1	<1	<1
Kelsey Creek Treated Water	TW	Total Metals	Nickel (Total)	µg/L	0.5	≤20	-	3	0	N/A	<0.5	0.83	0.53
Kelsey Creek Treated Water	TW	Total Metals	Selenium (Total)	µg/L	5	≤10	-	3	0	N/A	<5	<5	<5
Kelsey Creek Treated Water	TW	Total Metals	Silver (Total)	µg/L	0.1	≤100	-	3	0	N/A	<0.1	0.53	0.2
Kelsey Creek Treated Water	TW	Total Metals	Strontium (Total)	µg/L	1	-	-	3	N/A	N/A	194.54	258.88	234.51
Kelsey Creek Treated Water	TW	Total Metals	Thallium (Total)	µg/L	0.5	-	-	3	N/A	N/A	<0.5	<0.5	<0.5
Kelsey Creek Treated Water	TW	Total Metals	Tin (Total)	µg/L	1	-	-	3	N/A	N/A	10.86	34.88	21.25
Kelsey Creek Treated Water	TW	Total Metals	Titanium (Total)	µg/L	0.5	-	-	3	N/A	N/A	1.5	4.39	<0.5
Kelsey Creek Treated Water	TW	Total Metals	Uranium (Total)	µg/L	0.5	≤17	-	3	0	N/A	<0.5	0.69	<0.5
Kelsey Creek Treated Water	TW	Total Metals	Vanadium (Total)	µg/L	0.1	-	-	3	N/A	N/A	<0.1	0.19	0.12

Water Supply Scheme - MP

Scheme	Location in system	Analytical Suite	Analyte	Unit of measure	Limit of reporting	ADWG Health guideline value	ADWG Aesthetic guideline value	Number of samples taken	Number of samples exceeding ADWG health guideline values'	Number of samples exceeding ADWG aesthetic guideline value	Min	Max	Mean
Kelsey Creek Treated Water	TW	Total Metals	Zinc (Total)	µg/L	1	-	≤3,000	3	N/A	0	17.92	33.79	26.57
Kelsey Creek Treated Water	TW	Oxyhalides	Chlorate	µg/L	20 / 50	-	-	3	N/A	N/A	<20	138.11	50.44
Kelsey Creek Treated Water	TW	Oxyhalides	Chlorite	µg/L	20 / 50	≤800	-	3	0	N/A	<20	<20	<20
Kelsey Creek Treated Water	TW	Oxyhalides	Bromate	µg/L	20 / 50	≤20	-	3	0	N/A	<20	<20	<20
Kelsey Creek Treated Water	TW	Trihalomethanes	Bromodichloromethane	µg/L	1	≤250	-	10	0	N/A	<1	47.63	32.89
Kelsey Creek Treated Water	TW	Trihalomethanes	Bromoform	µg/L	1	≤250	-	7	0	N/A	<1	7.26	3.81
Kelsey Creek Treated Water	TW	Trihalomethanes	Chloroform	µg/L	1	≤250	-	10	0	N/A	<1	88.1	35.01
Kelsey Creek Treated Water	TW	Trihalomethanes	Dibromochloromethane	µg/L	1	≤250	-	10	0	N/A	<1	38.82	24.78
Kelsey Creek Treated Water	TW	Trihalomethanes	Trihalomethanes (Total)	µg/L	1	≤250	-	10	0	N/A	<1	161.46	96.68
Kelsey Creek Treated Water	TW	SVOCs	2,3,4,6-tetrachlorophenol	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	2,4,5-Trichlorophenol	µg/L	0.0001	≤100	-	1	0	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	2,4,6-Trichlorophenol	µg/L	0.0001	≤20	≤2	1	0	0	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	2,4-Dichlorophenol	µg/L	0.0001	≤200	≤0.3	1	0	0	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	2,4-Dimethylphenol	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	2,4-Dinitrophenol	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	2,6-Dichlorophenol	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	2-Chlorophenol	µg/L	0.0001	≤300	≤0.1	1	0	0	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	2-Methylphenol	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	2-Nitrophenol	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	3- & 4-Methylphenol	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	4,4'-DDD	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	4,4'-DDE	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	4,4'-DDT	µg/L	0.0001	≤9	-	1	0	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	4,6-Dinitro-2-methylphenol	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	4-Chloro-3-Methylphenol	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	4-Nitrophenol	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Acenaphthene	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Acenaphthylene	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Aldrin	µg/L	0.0001	≤0.3	-	1	0	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Alpha-BHC	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Ametryn	µg/L	0.0001	≤70	-	1	0	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Anthracene	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Atrazine	µg/L	0.0001	≤20	-	1	0	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Azinophos methyl	µg/L	0.0001	≤30	-	1	0	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Benz(a)anthracene	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Benzo(a)pyrene	µg/L	0.0001	≤0.01	-	1	0	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Benzo(b)fluoranthene	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Benzo(g,h,i)perylene	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Benzo(k)fluoranthene	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Beta-BHC	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Bromacil	µg/L	0.0001	≤400	-	1	0	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Chlordane cis	µg/L	0.0001	≤2	-	1	0	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Chlordane trans	µg/L	0.0001	≤2	-	1	0	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Chlorpyrifos	µg/L	0.0001	≤10	-	1	0	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Chrysene	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	delta-BHC	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Demeton-S-methyl	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Diazinon	µg/L	0.0001	≤4	-	1	0	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Dibenz(a,h)anthracene	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Dichlorvos	µg/L	0.0001	≤5	-	1	0	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Dieldrin	µg/L	0.0001	≤0.3	-	1	0	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Dimethoate	µg/L	0.0001	≤7	-	1	0	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Dinoseb	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Diuron	µg/L	0.0001	≤20	-	1	0	N/A	0	0	0

Water Supply Scheme - MP

Scheme	Location in system	Analytical Suite	Analyte	Unit of measure	Limit of reporting	ADWG Health guideline value	ADWG Aesthetic guideline value	Number of samples taken	Number of samples exceeding ADWG health guideline values'	Number of samples exceeding ADWG aesthetic guideline value	Min	Max	Mean
Kelsey Creek Treated Water	TW	SVOCs	Endosulphan alpha	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Endosulphan beta	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Endosulphan Sulphate	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Endrin	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Endrin aldehyde	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Endrin ketone	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Ethion	µg/L	0.0001	≤4	-	1	0	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Fluoranthene	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Fluorene	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Heptachlor	µg/L	0.0001	≤0.3	-	1	0	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Heptachlor Epoxide	µg/L	0.0001	≤0.3	-	1	0	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Hexazinone	µg/L	0.0001	≤400	-	1	0	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Indeno(1.2.3.cd)pyrene	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Lindane	µg/L	0.0001	≤10	-	1	0	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Malathion	µg/L	0.0001	≤70	-	1	0	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Methamidophos	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Methidathion	µg/L	0.0001	≤6	-	1	0	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Methoxychlor	µg/L	0.0001	≤300	-	1	0	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Metolachlor	µg/L	0.0001	≤300	-	1	0	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Metribuzin	µg/L	0.0001	≤70	-	1	0	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Naphthalene	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Naphthalene, 1-methyl-	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Naphthalene, 2-methyl-	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Omethoate	µg/L	0.0001	≤1	-	1	0	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Pentachlorophenol	µg/L	0.0001	≤10	-	1	0	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Phenanthrene	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Phenol	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Pirimiphos methyl	µg/L	0.0001	≤90	-	1	0	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Profenofos	µg/L	0.0001	≤0.3	-	1	0	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Prometryn	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Propazine	µg/L	0.0001	≤50	-	1	0	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Propyzamide	µg/L	0.0001	≤70	-	1	0	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Prothiofos	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Pyrazophos	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Pyrene	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Simazine	µg/L	0.0001	≤20	-	1	0	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Tebuthiuron	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Terbutryn	µg/L	0.0001	≤400	-	1	0	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Tolclofos-methyl	µg/L	0.0001	-	-	1	N/A	N/A	0	0	0
Kelsey Creek Treated Water	TW	SVOCs	Trifluralin	µg/L	0.0001	≤90	-	1	0	N/A	0	0	0
Midge Point Reservoir	RSV	Microbial	E. coli	MPN/100mL	1	0	-	12	0	N/A	0	0	0
Midge Point Reservoir	RSV	Microbial	Heterotrophic Plate Count	cfu/mL	1	-	-	12	N/A	N/A	0	650	77.42
Midge Point Reservoir	RSV	Microbial	Total Coliforms	MPN/100mL	1	-	-	12	N/A	N/A	0	2	<1
Midge Point Reservoir	RSV	Physical	Free Chlorine Residual	mg/L	0.02	-	-	12	N/A	N/A	0.01	1.45	0.55
Midge Point Reservoir	RSV	Physical	Total Chlorine	mg/L	0.02	≤5	≤0.6	12	0	5	0.09	1.49	0.62
Midge Point Reservoir	RSV	Physical	Temperature	°C	0.1	-	-	3	N/A	N/A	22.8	28.2	26.3
Midge Point Reservoir	RSV	Physical	pH	pH unit	0-29	-	6.5-8.5	33	N/A	0	7.6	8.39	7.97
Midge Point Reservoir	RSV	Physical	Conductivity	µS/cm	10	-	-	3	N/A	N/A	393	446.9	423.33
Midge Point Reservoir	RSV	Physical	Turbidity	NTU	0.1	-	≤5	3	N/A	0	0.16	2.43	1.08
Midge Point Reservoir	RSV	Physical	Dissolved Oxygen	% Sat	0-126	-	≤85	3	N/A	3	61.7	66.6	63.63
Midge Point Reservoir	RSV	Physical	Colour - True	TCU	1	-	≤15	3	N/A	0	<1	1	<1
Midge Point Reservoir	RSV	Physical	Alkalinity	mg/L	1	-	-	3	N/A	N/A	99.86	113	108.18
Midge Point Reservoir	RSV	Physical	Bicarbonate	mg/L	0.1	-	-	3	N/A	N/A	116	132	125.67
Midge Point Reservoir	RSV	Physical	Carbonate	mg/L	0.1	-	-	3	N/A	N/A	0.5	1.4	0.9

Water Supply Scheme - MP

Scheme	Location in system	Analytical Suite	Analyte	Unit of measure	Limit of reporting	ADWG Health guideline value	ADWG Aesthetic guideline value	Number of samples taken	Number of samples exceeding ADWG health guideline values'	Number of samples exceeding ADWG aesthetic guideline value	Min	Max	Mean
Midge Point Reservoir	RSV	Physical	Hydroxide	mg/L	0.1	-	-	3	N/A	N/A	<0.1	<0.1	<0.1
Midge Point Reservoir	RSV	Physical	Free Carbon Dioxide	mg/L	1	-	-	3	N/A	N/A	<1	2.7	1.48
Midge Point Reservoir	RSV	TOC	Total Organic Carbon	mg/L	0.3	-	-	4	N/A	N/A	1.87	2.32	2.11
Midge Point Reservoir	RSV	Inorganic	Fluoride	mg/L	0.1	≤1.5	-	3	0	N/A	<0.1	<0.1	<0.1
Midge Point Reservoir	RSV	Inorganic	Chloride	mg/L	0.005	-	≤250	3	N/A	0	60.13	71.52	66.57
Midge Point Reservoir	RSV	Inorganic	Nitrate	mg/L	0.3	≤50	-	3	0	N/A	<0.3	0.31	<0.3
Midge Point Reservoir	RSV	Inorganic	Nitrite	mg/L	0.4	≤3	-	3	0	N/A	<0.4	<0.4	<0.4
Midge Point Reservoir	RSV	Inorganic	Bromide	mg/L	0.4	-	-	3	N/A	N/A	<0.4	<0.4	<0.4
Midge Point Reservoir	RSV	Inorganic	Sulphate	mg/L	0.3	-	≤250	3	N/A	0	0.87	1.6	1.26
Midge Point Reservoir	RSV	Inorganic	Phosphate	mg/L	0.5	-	-	3	N/A	N/A	<0.5	<0.5	<0.5
Midge Point Reservoir	RSV	Inorganic	Calcium (Total)	mg/L	0.5	-	-	5	N/A	N/A	35.19	38.97	37.19
Midge Point Reservoir	RSV	Inorganic	Potassium (Total)	mg/L	0.5	-	-	5	N/A	N/A	2.47	2.72	2.55
Midge Point Reservoir	RSV	Inorganic	Magnesium (Total)	mg/L	0.5	-	-	6	N/A	N/A	6.2	9.98	8.18
Midge Point Reservoir	RSV	Inorganic	Sodium (Total)	mg/L	1	-	≤180	5	N/A	0	39.69	45.76	41.2
Midge Point Reservoir	RSV	Inorganic	Hardness	mg/L	0.25	-	≤200	3	N/A	0	113.39	131	121.8
Midge Point Reservoir	RSV	Inorganic	Larson Index	LI	0	-	-	3	N/A	N/A	0.9	0.97	0.92
Midge Point Reservoir	RSV	Total Metals	Aluminium (Total)	µg/L	5	-	≤200	5	N/A	0	<5	8.83	6.18
Midge Point Reservoir	RSV	Total Metals	Antimony (Total)	µg/L	0.5	≤3	-	5	0	N/A	<0.5	1.34	0.59
Midge Point Reservoir	RSV	Total Metals	Arsenic (Total)	µg/L	1	≤10	-	5	0	N/A	<1	1.06	<1
Midge Point Reservoir	RSV	Total Metals	Barium (Total)	µg/L	1	≤2,000	-	5	0	N/A	20.89	27.68	23.3
Midge Point Reservoir	RSV	Total Metals	Beryllium (Total)	µg/L	0.5	≤60	-	5	0	N/A	<0.5	<0.5	<0.5
Midge Point Reservoir	RSV	Total Metals	Boron (Total)	µg/L	5	≤4,000	-	5	0	N/A	29.1	31.88	30.66
Midge Point Reservoir	RSV	Total Metals	Cadmium (Total)	µg/L	0.1	≤2	-	5	0	N/A	<0.1	<0.1	<0.1
Midge Point Reservoir	RSV	Total Metals	Chromium (Total)	µg/L	0.1	≤50	-	5	0	N/A	<0.1	0.83	0.61
Midge Point Reservoir	RSV	Total Metals	Cobalt (Total)	µg/L	0.2	-	-	5	N/A	N/A	<0.2	<0.2	<0.2
Midge Point Reservoir	RSV	Total Metals	Copper (Total)	µg/L	1	≤2,000	≤1,000	5	0	0	<1	1.29	<1
Midge Point Reservoir	RSV	Total Metals	Iron (Total)	µg/L	1	-	≤300	45	N/A	1	3.69	401.96	61.47
Midge Point Reservoir	RSV	Total Metals	Lead (Total)	µg/L	0.5 / 1	≤10	-	5	0	N/A	<0.5	0.17	0.17
Midge Point Reservoir	RSV	Total Metals	Manganese (Total)	µg/L	1	≤500	≤100	45	0	3	<1	262.65	75.28
Midge Point Reservoir	RSV	Total Metals	Mercury (Total)	µg/L	0.05	≤1	-	3	0	N/A	<0.05	<0.05	<0.05
Midge Point Reservoir	RSV	Total Metals	Molybdenum (Total)	µg/L	1	≤50	-	5	0	N/A	<1	1.72	<1
Midge Point Reservoir	RSV	Total Metals	Nickel (Total)	µg/L	0.5	≤20	-	5	0	N/A	<0.5	3.09	0.85
Midge Point Reservoir	RSV	Total Metals	Selenium (Total)	µg/L	5	≤10	-	5	0	N/A	<5	<5	<5
Midge Point Reservoir	RSV	Total Metals	Silver (Total)	µg/L	0.1	≤100	-	5	0	N/A	<0.1	1.67	0.39
Midge Point Reservoir	RSV	Total Metals	Strontium (Total)	µg/L	1	-	-	5	N/A	N/A	202.74	258.06	231.03
Midge Point Reservoir	RSV	Total Metals	Thallium (Total)	µg/L	0.5	-	-	5	N/A	N/A	<0.5	<0.5	<0.5
Midge Point Reservoir	RSV	Total Metals	Tin (Total)	µg/L	1	-	-	4	N/A	N/A	<1	68.09	34.8
Midge Point Reservoir	RSV	Total Metals	Titanium (Total)	µg/L	0.5	-	-	5	N/A	N/A	1.74	6.02	3.39
Midge Point Reservoir	RSV	Total Metals	Uranium (Total)	µg/L	0.5	≤17	-	5	0	N/A	<0.5	0.81	<0.5
Midge Point Reservoir	RSV	Total Metals	Vanadium (Total)	µg/L	0.1	-	-	5	N/A	N/A	0.39	0.7	0.58
Midge Point Reservoir	RSV	Total Metals	Zinc (Total)	µg/L	1	-	≤3,000	5	N/A	0	<1	6.91	2.53
Midge Point Reservoir	RSV	Trihalomethanes	Bromodichloromethane	µg/L	1	≤250	-	8	0	N/A	41.89	53.1	48.87
Midge Point Reservoir	RSV	Trihalomethanes	Bromoform	µg/L	1	≤250	-	8	0	N/A	4.7	9.89	7.5
Midge Point Reservoir	RSV	Trihalomethanes	Chloroform	µg/L	1	≤250	-	8	0	N/A	57.72	93.1	75.7
Midge Point Reservoir	RSV	Trihalomethanes	Dibromochloromethane	µg/L	1	≤250	-	8	0	N/A	27.66	35.78	30.52
Midge Point Reservoir	RSV	Trihalomethanes	Trihalomethanes (Total)	µg/L	1	≤250	-	8	0	N/A	135.19	181	162.89
Midge Point Reticulation	RTN	Microbial	E. coli	MPN/100mL	1	0	-	100	0	N/A	0	0	0
Midge Point Reticulation	RTN	Microbial	Heterotrophic Plate Count	cfu/mL	1	-	-	100	N/A	N/A	0	5,600.00	95.43
Midge Point Reticulation	RTN	Microbial	Total Coliforms	MPN/100mL	1	-	-	100	N/A	N/A	0	2	<1
Midge Point Reticulation	RTN	Physical	Free Chlorine Residual	mg/L	0.02	-	-	100	N/A	N/A	0.07	2.4	1.28
Midge Point Reticulation	RTN	Physical	Total Chlorine	mg/L	0.02	≤5	≤0.6	100	0	91	0.11	2.5	1.37
Midge Point Reticulation	RTN	Physical	Temperature	°C	0.1	-	-	96	N/A	N/A	20.1	30.3	26.42
Midge Point Reticulation	RTN	Physical	pH	pH unit	0-36	-	6.5-8.5	220	N/A	0	7.01	8.61	7.89
Midge Point Reticulation	RTN	Physical	Conductivity	µS/cm	10	-	-	100	N/A	N/A	375	641.3	445.39

Water Supply Scheme - MP

Scheme	Location in system	Analytical Suite	Analyte	Unit of measure	Limit of reporting	ADWG Health guideline value	ADWG Aesthetic guideline value	Number of samples taken	Number of samples exceeding ADWG health guideline values'	Number of samples exceeding ADWG aesthetic guideline value	Min	Max	Mean
Midge Point Reticulation	RTN	Physical	Turbidity	NTU	0.1	-	≤5	100	N/A	2	<0.1	6.84	0.89
Midge Point Reticulation	RTN	Physical	Dissolved Oxygen	% Sat	0-133	-	≤85	96	N/A	85	48.6	96.6	71.3
Midge Point Reticulation	RTN	Physical	Colour - True	TCU	1	-	≤15	100	N/A	0	<1	10	<1
Midge Point Reticulation	RTN	Physical	Alkalinity	mg/L	1	-	-	96	N/A	N/A	93.32	120.12	107.04
Midge Point Reticulation	RTN	Physical	Bicarbonate	mg/L	0.1	-	-	96	N/A	N/A	110	138	124.63
Midge Point Reticulation	RTN	Physical	Carbonate	mg/L	0.1	-	-	96	N/A	N/A	0.1	2.3	0.83
Midge Point Reticulation	RTN	Physical	Hydroxide	mg/L	0.1	-	-	96	N/A	N/A	<0.1	0.1	<0.1
Midge Point Reticulation	RTN	Physical	Free Carbon Dioxide	mg/L	1	-	-	96	N/A	N/A	<1	8.6	2.22
Midge Point Reticulation	RTN	TOC	Total Organic Carbon	mg/L	0.3	-	-	104	N/A	N/A	1.52	2.82	2.06
Midge Point Reticulation	RTN	Inorganic	Fluoride	mg/L	0.1	≤1.5	-	100	0	N/A	<0.1	<0.1	<0.1
Midge Point Reticulation	RTN	Inorganic	Chloride	mg/L	0.005	-	≤250	100	N/A	0	58.3	89	71.63
Midge Point Reticulation	RTN	Inorganic	Nitrate	mg/L	0.3	≤50	-	100	0	N/A	<0.3	1.45	0.39
Midge Point Reticulation	RTN	Inorganic	Nitrite	mg/L	0.4	≤3	-	100	0	N/A	<0.4	0.53	<0.4
Midge Point Reticulation	RTN	Inorganic	Bromide	mg/L	0.4	-	-	100	N/A	N/A	<0.4	0.48	<0.4
Midge Point Reticulation	RTN	Inorganic	Sulphate	mg/L	0.3	-	≤250	100	N/A	0	0.84	3.04	1.48
Midge Point Reticulation	RTN	Inorganic	Phosphate	mg/L	0.5	N/A	-	100	N/A	N/A	<0.5	0.54	<0.5
Midge Point Reticulation	RTN	Inorganic	Calcium (Total)	mg/L	0.5	-	-	100	N/A	N/A	28.25	45.89	37.6
Midge Point Reticulation	RTN	Inorganic	Potassium (Total)	mg/L	0.5	-	-	100	N/A	N/A	2.03	3.08	2.53
Midge Point Reticulation	RTN	Inorganic	Magnesium (Total)	mg/L	0.5	-	-	100	N/A	N/A	5.62	11.78	7.85
Midge Point Reticulation	RTN	Inorganic	Sodium (Total)	mg/L	1	-	≤180	100	N/A	0	31.13	48.42	40.08
Midge Point Reticulation	RTN	Inorganic	Hardness	mg/L	0.25	-	≤200	100	N/A	0	98	157	125.95
Midge Point Reticulation	RTN	Inorganic	Larson Index	LI	0	-	-	100	N/A	N/A	0.31	1.39	0.99
Midge Point Reticulation	RTN	Total Metals	Aluminium (Total)	µg/L	5	-	≤200	100	N/A	0	<5	23.32	7.72
Midge Point Reticulation	RTN	Total Metals	Antimony (Total)	µg/L	0.5	≤3	-	100	0	N/A	<0.5	2.57	<0.5
Midge Point Reticulation	RTN	Total Metals	Arsenic (Total)	µg/L	1	≤10	-	100	0	N/A	<1	1.66	<1
Midge Point Reticulation	RTN	Total Metals	Barium (Total)	µg/L	1	≤2,000	-	100	0	N/A	18.46	42.4	24.24
Midge Point Reticulation	RTN	Total Metals	Beryllium (Total)	µg/L	0.5	≤60	-	100	0	N/A	<0.5	<0.5	<0.5
Midge Point Reticulation	RTN	Total Metals	Boron (Total)	µg/L	5	≤4,000	-	100	0	N/A	21.2	36.04	28.7
Midge Point Reticulation	RTN	Total Metals	Cadmium (Total)	µg/L	0.1	≤2	-	100	0	N/A	<0.1	<0.1	<0.1
Midge Point Reticulation	RTN	Total Metals	Chromium (Total)	µg/L	0.1	≤50	-	100	0	N/A	0.14	0.73	0.43
Midge Point Reticulation	RTN	Total Metals	Cobalt (Total)	µg/L	0.2	-	-	100	N/A	N/A	<0.2	0.45	<0.2
Midge Point Reticulation	RTN	Total Metals	Copper (Total)	µg/L	1	≤2,000	≤1,000	100	0	0	<1	30.3	4.26
Midge Point Reticulation	RTN	Total Metals	Iron (Total)	µg/L	1	-	≤300	253	N/A	4	3.98	8,175.61	86.72
Midge Point Reticulation	RTN	Total Metals	Lead (Total)	µg/L	0.5 / 1	≤10	-	100	0	N/A	<0.5	1.21	<0.5
Midge Point Reticulation	RTN	Total Metals	Manganese (Total)	µg/L	1	≤500	≤100	253	4	39	2.79	1,511.17	90.38
Midge Point Reticulation	RTN	Total Metals	Mercury (Total)	µg/L	0.05	≤1	-	17	0	N/A	<0.05	<0.05	<0.05
Midge Point Reticulation	RTN	Total Metals	Molybdenum (Total)	µg/L	1	≤50	-	100	0	N/A	<1	9.98	<1
Midge Point Reticulation	RTN	Total Metals	Nickel (Total)	µg/L	0.5	≤20	-	100	0	N/A	<0.5	0.62	<0.5
Midge Point Reticulation	RTN	Total Metals	Selenium (Total)	µg/L	5	≤10	-	100	0	N/A	<5	<5	<5
Midge Point Reticulation	RTN	Total Metals	Silver (Total)	µg/L	0.1	≤100	-	100	0	N/A	<0.1	2.5	0.18
Midge Point Reticulation	RTN	Total Metals	Strontium (Total)	µg/L	1	-	-	100	N/A	N/A	155.23	306.47	231.56
Midge Point Reticulation	RTN	Total Metals	Thallium (Total)	µg/L	0.5	-	-	100	N/A	N/A	<0.5	<0.5	<0.5
Midge Point Reticulation	RTN	Total Metals	Tin (Total)	µg/L	1	-	-	96	N/A	N/A	<1	107.95	25.23
Midge Point Reticulation	RTN	Total Metals	Titanium (Total)	µg/L	0.5	-	-	100	N/A	N/A	<0.5	33.7	3.82
Midge Point Reticulation	RTN	Total Metals	Uranium (Total)	µg/L	0.5	≤17	-	100	0	N/A	<0.5	11.15	0.57
Midge Point Reticulation	RTN	Total Metals	Vanadium (Total)	µg/L	0.1	-	-	100	N/A	N/A	<0.1	0.9	0.49
Midge Point Reticulation	RTN	Total Metals	Zinc (Total)	µg/L	1	-	≤3,000	100	N/A	0	<1	13.25	2.19
Midge Point Reticulation	RTN	Oxyhalides	Chlorate	µg/L	20 / 50	-	-	17	N/A	N/A	<20	111.32	22.68
Midge Point Reticulation	RTN	Oxyhalides	Chlorite	µg/L	20 / 50	≤800	-	17	0	N/A	<20	<20	<20
Midge Point Reticulation	RTN	Oxyhalides	Bromate	µg/L	20 / 50	≤20	-	17	0	N/A	<20	<20	<20
Midge Point Reticulation	RTN	Trihalomethanes	Bromodichloromethane	µg/L	1	≤250	-	81	0	N/A	30.41	80.9	54.16
Midge Point Reticulation	RTN	Trihalomethanes	Bromoform	µg/L	1	≤250	-	53	0	N/A	<1	17.07	7.55
Midge Point Reticulation	RTN	Trihalomethanes	Chloroform	µg/L	1	≤250	-	81	0	N/A	1.65	155	79.81
Midge Point Reticulation	RTN	Trihalomethanes	Dibromochloromethane	µg/L	1	≤250	-	81	0	N/A	22.66	48.49	34.57
Midge Point Reticulation	RTN	Trihalomethanes	Trihalomethanes (Total)	µg/L	1	≤250	-	81	3	N/A	99.06	279	176.17

