CITY OF CAPE TOWN QUARTERLY DRINKING WATER QUALITY REPORT. ANALYTICAL DATA AND APPROXIMATE DISTRIBUTION FOR CAPE TOWN DRINKING WATER. Sample period: 01 April 2025 to 30 June 2025

When our residents open their taps, they can trust their water is reliable, tested, treated and safe to drink. The City of Cape Town is legally required to publish tap water quality analytical data once a year, to demonstrate continued compliance with water quality standards, or inform residents of possible risks. City of Cape Town tap water has for many years maintained 'excellent' compliance status with prescribed national drinking water quality standards (SANS 241:2015). The quarterly tap water quality reports are available on the City's website (www.capetown.gov.za/waterquality). Regular monthly updates are also available on the National Department of Water and Sanitation's 'My Water' page for water quality (http://ws.dwa.gov.za/IRIS/mywater.aspx). This 'excellent' quality City water costs only 6–8.5c a litre compared to about R15 a litre for shop-bought bottled water. See the water quality results below provided across Cape Town for the 01 April 2025 to 30 June 2025 period.

PARAMETERS	SANS 241:2015 Specifications	BLACKHEATH SUPPLY Max 430 Mℓ/day	FAURE SUPPLY Max 500 Mℓ/day	KLOOF NEK SUPPLY Max 22.5 Mℓ/day	STEENBRAS SUPPLY Max 150 Mℓ/day	VOËLVLEI SUPPLY Max 273 Mℓ/day	WEMMERSHOEK SUPPLY Max 250 Mℓ/day	BROOKLANDS SUPPLY Max 5.5 Mℓ/day	HELDERBERG SUPPLY Max 12 Mℓ/day	WITZANDS SUPPLY Max 15 Mℓ/day	CONSTANTIA NEK SUPPLY Max 3 Mℓ/day	ALBION SPRING SUPPLY Max 2 Mℓ/day
PHYSICAL & AESTHETIC DETERMINANDS												
Colour mg/ℓ Pt-Co	≤ 15	5	5	5	6	5	6	5	5	< 5	6	< 5
Conductivity mS/m	≤ 170	9	12	16	11	15	8	39	16	18	17	24
Total Dissolved Solids mg/ℓ	≤ 1200	63	81	109	76	101	51	264	107	121	111	161
Turbidity NTU	Operational ≤ 1 / Aesthetic ≤ 5	0.6	0.5	0.6	0.6	0.5	0.5	0.5	0.5	0.6	0.6	1.0
pH	≥ 5 to ≤ 9.7	7.7	7.8	8.0	9.0	8.9	7.6	8.1	8.8	8.1	8.6	7.0
CHEMICAL – MACRO DETERMINANDS												
Free chlorine as Cl_2 mg/ℓ	≤ 5	1.2	0.7	0.9	1.0	1.0	1.3	1.0	1.1	1.2	0.9	0.3
Nitrate as N mg/ℓ	≤ 11	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.3	0.2	2.0
Nitrite as N mg/ℓ	≤ 0.9	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Combined nitrate plus nitrite	≤ 1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
Sulphate as SO_4^{2-} mg/ℓ	Aesthetic ≤ 250 / Acute health ≤ 500	11	23	31	12	14	9	55	4	17	32	9.8
Fluoride as F^- mg/ℓ	≤ 1.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Ammonia as N mg/ℓ	≤ 1.5	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
Chloride as Cl^- mg/ℓ	≤ 300	14	14	24	19	22	12	68	30	27	22	54
Sodium as Na mg/ℓ	≤ 200	7	11	18	12	17	6	66	15	15	14	–
Zinc as Zn mg/ℓ	≤ 5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
CHEMICAL – MICRO DETERMINANDS												
Antimony as Sb µg/ℓ	≤ 20	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Arsenic as As µg/ℓ	≤ 10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Barium as Ba µg/ℓ	≤ 700	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Boron as B mg/ℓ	≤ 2.4	–	–	–	–	–	–	–	–	–	–	–
Cadmium as Cd µg/ℓ	≤ 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chromium (Total) as Cr µg/ℓ	≤ 50	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Copper as Cu µg/ℓ	≤ 2000	< 10	11	< 10	< 10	< 10	< 10	< 10	< 10	11	10	10
Cyanide as CN^- µg/ℓ	≤ 200	–	–	–	–	–	–	–	–	–	–	–
Iron as Fe µg/ℓ	Chronic Health ≤ 2000 / Aesthetic ≤ 300	51	75	53	68	54	65	54	54	80	72	< 50
Lead as Pb µg/ℓ	≤ 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Manganese as Mn µg/ℓ	Chronic Health ≤ 400 / Aesthetic ≤ 100	6	6	11	27	5	13	10	5	< 5	9	13
Mercury as Hg µg/ℓ	≤ 6	–	–	–	–	–	–	–	–	–	–	–
Nickel as Ni µg/ℓ	≤ 70	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	–
Selenium as Se µg/ℓ	≤ 40	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Uranium as U µg/ℓ	≤ 30	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Aluminium as Al µg/ℓ	≤ 300	86	60	250	216	53	61	65	52	< 50	119	< 50
CHEMICAL – ORGANIC DETERMINANDS												
Total Organic Carbon mg/ℓ	≤ 10	2	2	2	2	2	2	3	2	2	2	< 1
Phenols µg/ℓ	≤ 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Chloroform µg/L	≤ 300	–	–	–	–	–	–	–	–	–	–	–
Bromoform µg/L	≤ 100	–	–	–	–	–	–	–	–	–	–	–
Dibromochloromethane µg/L	≤ 100	–	–	–	–	–	–	–	–	–	–	–
Bromodichloromethane µg/L	≤ 60	–	–	–	–	–	–	–	–	–	–	–
Combined Trihalomethane	≤ 1	–	–	–	–	–	–	–	–	–	–	–
MICROBIOLOGICAL DETERMINANDS												
E. coli count/100mℓ	Not detected	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heterotrophic Plate Count count/mℓ	≤ 1000	2	16	1	3	213	3	1	11	1	7	31
Total coliforms count/100mℓ	≤ 10	1	1	1	1	2	1	1	1	1	1	1
OTHER												
Hardness (Total) as $CaCO_3$ mg/ℓ	–	27	53	33	29	59	19	62	42	48	39	–
Alkalinity as $CaCO_3$ mg/ℓ	–	10	10	7	11	21	9	9	26	26	10	13
Calcium as Ca mg/ℓ	–	8	16	10	9	15	6	14	12	14	13	–
Potassium as K mg/ℓ	–	0.6	1.0	0.7	0.5	1.4	0.5	2.3	1.3	1.3	0.4	–
Magnesium as Mg mg/ℓ	–	1.4	2.6	1.8	1.4	3.8	1.2	5.6	2.5	2.9	1.3	–

KEY: ND = Not detected
– = No specification or no data

The water treatment plants supply water into an interconnected system of reservoirs and pipelines serving the municipal area.

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Making progress possible. Together.