CITY OF CAPE TOWN ANNUAL DRINKING WATER QUALITY REPORT.
ANALYTICAL DATA AND APPROXIMATE DISTRIBUTION FOR CAPE TOWN DRINKING WATER.
Sample period: 1 July 2025 to 30 June 2026

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 annual tap water quality reports from 2014 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 1 July 2025 to 30 June 2026 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	WEMMERS-HOEK SUPPLY Max 250 Mℓ/ day	BROOK-LANDS 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	6	5	6	6	5	6	6	5	5	6	5
Conductivity mS/m	≤ 170	9	13	13	12	13	7	35	16	19	17	22
Total Dissolved Solids mg/ℓ	≤ 1200	63	84	86	79	89	45	234	104	127	116	148
Turbidity NTU	Operational ≤ 1 / Aesthetic ≤ 5	0.6	0.5	0.5	0.5	0.5	0.7	0.5	0.5	0.5	0.5	1.0
pH	≥ 5 to ≤ 9.7	8.0	8.6	7.9	8.6	8.7	7.9	8.4	8.9	7.9	8.4	7.0
CHEMICAL – MACRO DETERMINANDS												
Free chlorine as Cl_2 mg/ℓ	≤ 5	1.2	0.9	1.0	1.0	1.0	1.4	1.0	1.1	0.9	1.0	0.8
Nitrate as N mg/ℓ	≤ 11	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.2	1.7
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	13	25	27	16	14	8	60	5	21	41	10
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	13	15	17	19	20	10	58	29	29	21	49
Sodium as Na mg/ℓ	≤ 200	6	9	13	12	10	5	48	13	16	18	26
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	3	3	5	3	2	3	2	3	3	< 1	3
Arsenic as As µg/ℓ	≤ 10	2	< 1	3	< 1	< 1	2	< 1	< 1	2	< 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	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Cadmium as Cd µg/ℓ	≤ 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chromium (Total) as Cr µg/ℓ	≤ 50	7	6	8	7	6	7	6	7	7	< 5	6
Copper as Cu µg/ℓ	≤ 2000	12	12	12	13	18	23	< 10	12	14	10	14
Cyanide as CN^- µg/ℓ	≤ 200	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Iron as Fe µg/ℓ	Chronic health ≤ 2000 / Aesthetic ≤ 300	53	83	< 50	67	51	56	53	56	55	< 50	52
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	8	7	10	14	6	13	16	7	7	9	11
Mercury as Hg µg/ℓ	≤ 6	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Nickel as Ni µg/ℓ	≤ 70	7	6	9	7	6	7	6	6	7	< 5	6
Selenium as Se µg/ℓ	≤ 40	2	< 1	3	< 1	< 1	2	< 1	< 1	2	< 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	94	58	289	220	54	106	62	58	56	87	58
CHEMICAL – ORGANIC DETERMINANDS												
Total Organic Carbon mg/ℓ	≤ 10	2	2	2	2	2	1	3	2	2	2	1
Phenols µg/ℓ	≤ 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Chloroform µg/L	≤ 300	12	4	56	30	38	38	29	38	82	60	5
Bromoform µg/L	≤ 100	1	1	< 1	1	2	1	2	17	5	7	3
Dibromochloromethane µg/L	≤ 100	2	< 1	1	3	2	1	7	28	9	4	1
Bromodichloromethane µg/L	≤ 60	5	1	5	8	8	4	12	31	23	12	1
Combined Trihalomethane	≤ 1	0.2	< 0.1	0.3	0.3	0.3	0.1	0.4	1.2	0.8	0.5	0.1
MICROBIOLOGICAL DETERMINANDS												
E. coli count/100mℓ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heterotrophic Plate Count count/100mℓ	≤ 1000	3	9	1	2	30	3	1	11	3	1	23
Total coliforms count/100mℓ	≤ 10	1	1	3	1	1	1	1	1	2	1	6
OTHER												
Hardness (Total) as $CaCO_3$ mg/ℓ	–	24	37	21	22	34	15	37	40	46	34	36
Alkalinity as $CaCO_3$ mg/ℓ	–	10	10	8	9	18	9	11	25	22	8	13
Calcium as Ca mg/ℓ	–	8	12	7	6	10	5	9	12	14	11	5
Potassium as K mg/ℓ	–	0.6	0.6	0.5	0.5	0.8	0.5	1.1	1.0	1.3	0.4	1
Magnesium as Mg mg/ℓ	–	1.3	1.6	1.0	1.3	2.1	0.9	3.5	2.2	2.4	1.4	5

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.

The 2025/2026 period is subject to the SANS 241:2015 standard for drinking water. The upcoming 2026/2027 period will be assessed against the SANS 241:2025 standard.

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CTA210/2026

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Making progress possible. Together.