

INGXELO YONYAKA YESIXEKO SASEKAPA ENGOMGANGATHO WAMANZI ASELWAYO. IINKCUKACHA ZOHLALUTYO KUNYE NENDLELA YOKUHANJISWA KWAMANZI OKUSELA EKAPA. LXESHA LESAMPULA: 1 EYEKHALA 2024 UKUYA KOWAMA30 KWEYESILIMELA 2025

Xa abahlali bethu bevula iitephu zabo, bangaqiniseka ukuba amanzi abo athembakele, avavanyiwe, acociwe kwaye akhuselekile ukuba angaselwa. Ngokomthetho, iSixeko saseKapa kufuneka sipapashe iinkcukacha zohlalutyo malunga nomgangatho wamanzi etephu kanye ngonyaka, ukubonisa ukuthotyelwa okuqhubekayo kwemiqathango emiselweyo yomgangatho wamanzi okanye ukwazisa abahlali ngemingcipheko enokwenzeka. Amanzi etephu eSixeko saseKapa, kangangeminyaka emininzi agcine iwonga lokugqwesa ekuthobeleni imiqathango emiselweyo yesizwe yomgangatho wamanzi okusela (SANS 241: 2015). Iingxelo zonyaka ezimalunga nomgangatho wamanzi ezisusela ngo2014 ziyafumaneka kwiwebhusayithi yeSixeko: [www. capetown.gov.za/waterquality](http://www.capetown.gov.za/waterquality). Iingxelo ezihlaziywa rhoqo ngenyanga nazo ziyafumaneka kwiSebe leSizwe lezaManzi noCoceko kwiphepha elibhalwe “My water” elingomgangatho wamanzi: <http://ws.dwa.gov.za/IRIS/mywater.aspx>. La manzi eSixeko “akumgangatho ophezulu” axabisa kuphela i6c ukuya kwi8,5c ilitha xa kuthelekiswa neR15 yelitha yamanzi asebhutileni athengwa ezivenkileni. Jonga iziphumo ezingezantsi malunga nomgangatho wamanzi ezikhutshwe kwiKapa ngokubanzi kwisithuba esiphakathi kweyeKhala 2024 ukuya kweyeSilimela 2025.

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	6	5	6	6	6	6	5	5	6	< 5
Conductivity mS/m	≤ 170	9	12	13	11	14	6	37	16	16	16	24
Total Dissolved Solids mg/ℓ	≤ 1200	62	81	87	74	96	41	247	108	106	110	161
Turbidity NTU	Operational ≤ 1 / Aesthetic ≤ 5	0.6	0.5	0.5	0.5	0.6	0.6	0.5	0.6	0.6	0.6	1.0
pH	≥ 5 to ≤ 9.7	8.0	7.9	7.9	8.6	8.6	7.6	8.0	8.8	8.0	8.4	7.0
CHEMICAL – MACRO DETERMINANDS												
Free chlorine as Cl ₂ mg/ℓ	≤ 5	1.3	0.7	0.9	1.1	1.0	1.2	1.0	1.0	0.9	0.9	0.3
Nitrate as N mg/ℓ	≤ 11	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	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	12	25	24	15	15	7	57	4	16	34	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	13	13	18	17	21	9	62	30	24	21	54
Sodium as Na mg/ℓ	≤ 200	7	8	15	12	13	5	53	14	12	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
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	–
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	11	< 10	< 10	< 10	11	10	10
Cyanide as CN ⁻ µg/ℓ	≤ 200	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	–
Iron as Fe µg/ℓ	Chronic Health ≤ 2000 / Aesthetic ≤ 300	55	90	52	63	61	64	68	63	64	68	< 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	10	15	5	14	11	5	6	9	13
Mercury as Hg µg/ℓ	≤ 6	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	–
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	67	195	179	56	134	72	70	54	109	< 50
CHEMICAL – ORGANIC DETERMINANDS												
Total Organic Carbon mg/ℓ	≤ 10	1	1	1	2	2	1	2	1	2	2	< 1
Phenols µg/ℓ	≤ 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Chloroform µg/L *	≤ 300	18	4	61	33	44	17	21	42	97	56	6
Bromoform µg/L *	≤ 100	< 1	< 1	< 1	< 1	< 1	< 1	< 1	4	4	< 1	2
Dibromochloromethane µg/L *	≤ 100	2	< 1	1	2	1	1	4	25	9	2	1
Bromodichloromethane µg/L *	≤ 60	6	1	7	7	9	5	10	33	29	9	1
Combined Trihalomethane *	≤ 1	0.19	0.03	0.32	0.25	0.32	0.15	0.28	0.97	0.93	0.35	0.06
MICROBIOLOGICAL DETERMINANDS												
<i>E. coli</i> count/100mℓ	Not detected	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heterotrophic Plate Count count/mℓ	≤ 1000	8	52	3	2	90	2	3	8	1	6	31
Total coliforms count/100mℓ	≤ 10	1	1	1	1	1	1	1	1	1	1	1
OTHER												
Hardness (Total) as CaCO ₃ mg/ℓ	–	26	39	22	29	42	15	41	40	42	40	–
Alkalinity as CaCO ₃ mg/ℓ	–	11	10	8	9	18	8	9	25	20	9	13
Calcium as Ca mg/ℓ	–	8	13	7	8	12	5	10	12	13	14	–
Potassium as K mg/ℓ	–	0.7	0.8	0.7	0.5	1.1	0.4	1.6	1.2	1.1	0.4	–
Magnesium as Mg mg/ℓ	–	1.4	1.8	1.1	1.3	2.8	0.8	4.1	2.4	2.5	1.3	–

INGCACISO: ND = Ayifunyanwa
– = Akukho nkukacha okanye akukho datha
* = Ezona datha zakutsha nje (Septemba/Oktobha 2025)

Amaziko okucoca amanzi adlulisela amanzi kwimithombo ehlangeneyo yamadama kunye nemijelo esebenza kummandla kamasipala.

LUNGELO MBANDAZAYO
UMPHATHI WESIXEKO

