

INGXELO YONYAKA YESIXEKO SASEKAPA ENGOMGANGATHO WAMANZI ASELWAYO. IINKCUKACHA ZOHLALUTYO KUNYE NENDLELA YOKUHANJISWA KWAMANZI OKUSELA EKAPA. LXESHA LESAMPULA: 1 EYEKHALA 2023 UKUYA KOWAMA30 KWEYESILIMELA 2024

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. 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 asebhotileni athengwa ezivenkileni. Jonga iziphumo ezingezantsi malunga nomgangatho wamanzi ezikhutshwe kwiKapa ngokubanzi kwisithuba esiphakathi kweyeKhala 2023 ukuya kweyeSilimela 2024.

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
PHYSICAL & AESTHETIC DETERMINANDS											
Colour mg/ℓ Pt-Co	≤15	5	5	5	5	6	5	6	5	6	< 5
Conductivity mS/m	≤170	10	12	14	11	14	8	43	16	20	17
Total Dissolved Solids mg/ℓ	≤1200	64	83	96	76	95	51	287	111	131	116
Turbidity NTU	Operational ≤1 / Aesthetic ≤5	0.6	0.5	0.5	0.5	0.7	0.7	0.5	0.6	0.6	0.5
pH	≥5 to ≤9.7	8.3	8.3	8.3	8.3	8.0	7.7	8.1	8.9	7.7	8.3
CHEMICAL - MACRO DETERMINANDS											
Free Chlorine as Cl ₂ mg/ℓ	≤5	1.2	0.6	1.0	1.0	1.1	1.3	0.9	1.0	0.6	0.9
Nitrate as N mg/ℓ	≤11	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2
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
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
Sulphate as SO ₄ ²⁻ mg/ℓ	Aesthetic ≤250 / Acute health ≤500	13	25	32	17	16	12	87	7	19	44
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	0.2
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
Chloride as Cl ⁻ mg/ℓ	≤300	13	14	17	17	22	10	65	31	29	18
Sodium as Na mg/ℓ	≤200	6	6	12	10	10	5	44	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
CHEMICAL - MICRO DETERMINANDS											
Antimony as Sb µg/ℓ	≤20	2	2	< 1	< 1	2	< 1	< 1	2	< 1	< 1
Arsenic as As µg/ℓ	≤10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Barium as Ba µg/ℓ	≤700	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	57	< 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
Chromium (Total) as Cr µg/ℓ	≤50	< 5	< 5	< 5	< 5	< 5	< 5	< 5	7	< 5	< 5
Copper as Cu µg/ℓ	≤2000	< 10	11	12	11	57	< 10	< 10	< 10	13	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	79	81	72	91	97	97	88	117	111	< 50
Lead as Pb µg/ℓ	≤10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Manganese as Mn µg/ℓ	Chronic Health ≤400 / Aesthetic ≤100	6	6	10	8	7	12	11	7	10	8
Mercury as Hg µg/l	≤ 6	< 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	2	< 1	< 1
Uranium as U µg/l	≤ 30	< 15	< 15	-	< 15	< 15	< 15	< 15	< 15	< 15	-
Aluminium as Al µg/ℓ	≤300	97	101	171	101	80	106	94	88	61	108
CHEMICAL - ORGANIC DETERMINANDS											
Total Organic Carbon mg/ℓ	≤10	1	1	1	2	2	1	2	2	2	2
Phenols µg/ℓ	≤10	12	< 10	< 10	< 10	< 10	< 10	< 10	< 10	12	< 10
Chloroform µg/L*	≤300	122	-	205	132	187	94	218	43	201	-
Bromoform µg/L*	≤100	12	-	12	4	10	2	3	16	8	-
Dibromochloromethane µg/L*	≤100	11	-	7	5	11	4	28	46	12	-
Bromodichloromethane µg/L*	≤60	26	-	25	19	38	18	63	43	40	-
Combined Trihalomethane*	≤1	1.1	-	1.3	1.1	1.5	0.7	2.1	1.5	1.5	-
MICROBIOLOGICAL DETERMINANDS											
E.coli count/100mℓ	Not Detected	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heterotrophic Plate Count Count/mℓ	≤1000	7	2	2	3	19	6	1	8	21	1
Total coliforms Count/100mℓ	≤10	3	1	1	1	1	4	1	1	5	1

OTHER											
Hardness (Total) as CaCO ₃ mg/ℓ	-	24	35	32	22	36	20	88	44	53	42
Alkalinity as CaCO ₃ mg/ℓ	-	11	10	8	8	17	8	10	26	29	9
Calcium as Ca mg/ℓ	-	8	12	11	7	11	6	28	13	16	15
Potassium as K mg/ℓ	-	0.7	0.7	0.6	0.6	1.0	0.5	1.2	1.2	1.2	0.3
Magnesium as Mg mg/ℓ	-	1.2	1.4	1.1	1.1	2.3	0.9	4.3	2.5	2.9	1.2

INGCACISO: ND = Ayivavanywanga
- = Akukho nkcukacha okanye akukho datha
* = Eyona datha yakutshanje (eyeDwarha 2024)

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

LUNGELO MBANDAZAYO
UMPHATHI WESIXEKO
CTA146/2024



Senza inkqubela yenzeke. Sisonke.