Stockholm Vatten och Avfall
Kvalitet och kontroll VA
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Datum 2026-03-30

Drinking Water Quality at the Point of Use in North-West Stockholm in 2025

Parameter		Unit	Drinking water *mean* [1]	Limit value[2]
Microbiological parameters				
Actinomycetes		cfu/100 ml	< 1	100
Cultivable microorganisms, 3 days		cfu/ml	15	No abnormal change [3]
Slow-growing bacteria, 7 days		cfu/ml	23	No abnormal change[4]
Presumptive *Clostridium perfringens*		cfu/100 ml	< 1	Detected
Intestinal enterococci		cfu/100 ml	< 1	Detected
E. coli		cfu/100 ml	< 1	Detected
Coliform bacteria		cfu/100 ml	< 1	Detected
Microscopic fungi		/100 ml	1	100
Chemical parameters				
Acrylamide	C_3H_5NO	µg/l	< 0.050	0.1
Aluminium	Al	µg/l	27	200
Ammonia	NH_4^+	mg/l	0.038	0.50
Antimony	Sb	µg/l	0.11	10
Arsenic	As	µg/l	0.29	5.0
Benzene	C_6H_6	µg/l	< 0.20	1.0
Benzo(a)pyrene	$C_{20}H_{12}$	µg/l	< 0.0030	0.010
Bisphenol A	$C_{15}H_{16}O_2$	µg/l	< 0.0050	2.5
Lead	Pb	µg/l	0.23	5.0
Boron	B	mg/l	0.021	1.5
Bromate	BrO_3^-	µg/l	< 2.0	10
Cyanide	CN^-	µg/l	0.51	50
1,2-dichloroethane	$C_2H_4Cl_2$	µg/l	< 1.0	3.0
Epichlorohydrin	C_3H_5ClO	µg/l	< 0.05	0.10
Fluoride	F^-	mg/l	0.22	1.5
Colour	Pt	mg/Pt/l	5.3	30
Halogenated acetic acids (HAA)		µg/l	< 1.75	60
Iron	Fe	µg/l	13	200
Cadmium	Cd	µg/l	0.010	0.50
Potassium	K	mg/l	2.8	-
Calcium	Ca	mg/l	32	100
Chlorine, Total active		mg/l	0.11	0.40[5]
Chlorate	ClO_3	mg/l	0.011	0.70
Chloride	Cl^-	mg/l	15	250
Chlorite	ClO_2^-	mg/l	< 0.020	0.70
Conductivity		µS/cm	290	2500
Copper	Cu	mg/l	0.062	2.0
Chromium	Cr	µg/l	0.087	25
Mercury	Hg	µg/l	< 0.10	1.0
Odour, field and laboratory			No odour	Destinct
Magnesium	Mg	mg/l	4.7	30
Manganese	Mn	µg/l	0.36	50
Microcystin-LR (during bloom)	$C_{49}H_{74}N_{10}O_{12}$	µg/l	Not detected in the raw water[6]	1.0
Sodium	Na	mg/l	13	200

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Nickel	Ni	µg/l	4.7	20
Nitrate	NO_3^-	mg/l	1.3	50
Nitrite	NO_2^-	mg/l	0.021	0.50
PFAS 4		ng/l	3.1	4.0
PFAS 21		ng/l	9.3	100
pH		pH-units	8.0	≥ 6.5 och ≤ 9.5
Sum of polyaromatic hydrocarbons (PAH)		µg/l	< 0.0090	0.10
Selenium	Se	µg/l	< 0.5	20
Taste			No taste	Distinct
Sulfate	SO_4^{2-}	µg/l	45	250
Total hardness		°dH	5.6	-
Tetrachloroethene and trichloroethene	C_2Cl_4/C_2HCl_3	µg/l	< 2.0	10
Total organic carbon (TOC)		mg/l	4.1	No abnormal change [7]
Sum of trihalomethanes (THM)		µg/l	< 4.0	100
Turbidity		FNU	0.11	1.5
Water temperature		°C	9.8	-
Vinyl chloride	C_2H_3Cl	µg/l	< 0.50	0.50
Pesticides. total		µg/l	< LOQ[8]	0.50
Aldrin	$C_{12}H_8Cl_6$	µg/l	< 0.03	0.030
Dieldrin	$C_{12}H_8Cl_6O$	µg/l	< 0.03	0.030
Heptachlor	$C_{10}H_5Cl_7$	µg/l	< 0.03	0.030
Heptachlor epoxide	$C_{10}H_5Cl_7O$	µg/l	< 0.03	0.030
Pesticides. individual		µg/l	< LOQ[8]	0.1

1) The results presented represent annual average values for sampling conducted within SVOA's approved sampling program for 2025. The sampling program comprises approximately 1,200 samples per year. In 2025, 883 flushed samples were collected at the point of use, of which 36 were analyzed for the parameters in sample group B. Sampling and analysis are carried out several times per week, normally including at least one northern and one southern route in the distribution area. The symbol '<' indicates 'less than
2) Applicable limit values in the Swedish National Food Agency's Drinking Water Regulations (LIVSFS 2022:12) for treated drinking water.
3) The limit value defined by Stockholm Water and Waste for "no abnormal change" is 100 cfu/ml.
4) The limit value defined by Stockholm Water and Waste for "no abnormal change" is 550 cfu/ml.
5) There is no limit value for drinking water at the point of use. The noted limit value refers to treated drinking water.
6) Microcystin-LR is only analyzed at the point of use if detected in the raw water from Lake Mälaren.
7) The limit value defined by Stockholm Water and Waste for "no abnormal change" is 5.5 mg/l.
8) Results below the limit of quantification (LOQ) are reported as < LOQ.