



Average water quality at Pitkääkoski and Vanhankaupunki water treatment plants 1.1. - 15.4.2025

Analysis	Unit	Drinking water		Quality recommendation/ requirement ^{c)} maximum concentration
		Pitkääkoski	Vanha- kaupunki	
Temperature	°C	2,9	2,5	
Alkalinity, HCO ₃ ⁻	mmol/l	0,73	0,70	
Ammonium, NH ₄ ⁺	mg/l	0,12	0,12	0,5
Total chlorine, Cl ₂	mg/l	0,43	0,42	
Permanent hardness	°dH	3,0	2,9	
Total organic carbon, TOC	mg/l	1,9	2,1	b)
KMnO ₄ -index	# mg/l	4,9	5,7	
pH		8,4	8,5	6,5–9,5
Turbidity	FNU	0,05	0,05	a)
Conductivity	µS/cm	156	155	2500
Iron, Fe	µg/l	28	14	200
Aluminium, Al	# µg/l	3	<3	200
Fluoride, F	# mg/l	0,1	0,1	1,5
Cadmium, Cd	# µg/l	<0,02	<0,02	5,0
Potassium, K	# mg/l	1,1	1,1	
Calcium, Ca	# mg/l	16	16	
Chloride, Cl	# mg/l	6,6	6,5	250
Chromium, Cr	# µg/l	<0,05	<0,05	50
Copper, Cu	# µg/l	0,3	1,0	2000
Lead, Pb	# µg/l	<0,1	<0,1	10
Magnesium, Mg	# mg/l	1,3	1,3	
Manganese, Mn	# µg/l	<3	<3	50
Sodium, Na	# mg/l	6,0	6,0	200
Zinc, Zn	# µg/l	<5	<5	
Sulphate sulphur, SO ₄ -S	# mg/l	8,1	8,2	
Sum of PFAS compounds	# ng/l	<9,1	<9,1	100
Heterotrophic plate count 22°C	cfu/ml	0	0	
<i>Escherichia coli</i>	mpn/100 ml	0	0	0
Coliform bacteria	mpn/100 ml	0	0	0
Intestinal enterococci	mpn/100 ml	0	0	0
Odour, dilution number 25°C		0,0	0,0	a)
Flavour, dilution number 25°C		0,0	0,0	a)

Analysis subcontracted. The subcontractor is MetropoliLab C

a) Acceptable to consumers, no abnormal changes

b) No abnormal changes

c) Decree of the Ministry of Social Affairs and Health Relating
to the Quality and Monitoring of Water Intended for Human