APPENDIX 4

REPORT FROM ANALYSIS OF COMMUNITY TAP WATER

1. RESULTS FROM THE ANALYSIS

This summary is a translation from original reports written in Finnish. The original reports are retained in the raw data.

Month: January

	Unit	n:o of samples	Mean	Max	Min	Limit*
Number of colonies	/ml	25	6	41	0	
Coliform bacteria	/100 ml	25	0	0	0	1
pH		25	8.3	9.1	7.9	6.5-9.5
Conductivity	mS/m	25	25.5	30.5	8.0	
Color	mgPt/l	25	2	4	2	15
Opacity	FTU	25	0.11	0.40	0.05	4
Cl_2 (total)	mg/l	25	0.19	0.40	0.00	
Cl_2 (free)	mg/l	25	0.00	0.00	0.00	
Fe	mg/l	25	0.04	0.16	0.01	0.2
NO_2	mg/l	25	0.006	0.032	0.001	0.1
KMnO4-number	mg/l	4	5.3	5.5	5.0	12
Mn	mg/l	4	0.010	0.010	0.010	0.05
Al	mg/l	4	0.01	0.01	0.01	0.2
Cu	mg/l	4	0.002	0.002	0.001	1
NH_4	mg/l	4	0.080	0.090	0.070	0.5
Alkalinity	mval/l	4	0.67	0.70	0.59	
CO_2	mg/l	4	0	0	0	
Hardness	°dH	4	6.4	6.7	5.9	
Temperature	°C	4	8.4	12.5	6.0	< 25
F^-	mg/l	1	0.20	0.20	0.20	1.5
Cl^-	mg/l	1	23.0	23.0	23.0	
NO_3	mg/l	1	15.1	15.1	15.1	25
SO_4	mg/l	1	49.7	49.7	69.7	

Month: February

	Unit	n:o of samples	Mean	Max	Min	Limit*
Number of colonies	/ml	25	1	23	0	
Coliform bacteria	/100 ml	25	0	0	0	1
pH		25	8.1	8.6	7.9	6.5-9.5
Conductivity	mS/m	25	24.6	35.0	17.5	
Color	mgPt/l	25	2	3	2	15
Opacity	FTU	25	0.13	0.50	0.05	4
Cl_2 (total)	mg/l	25	0.24	0.40	0	
Cl_2 (free)	mg/l	25	0	0	0	
Fe	mg/l	25	0.05	0.20	0.01	0.2
NO_2	mg/l	25	0.014	0.045	0.001	0.1
KMnO4-number	mg/l	5	3.6	4.5	1.5	12
Mn	mg/l	5	0.015	0.025	0.010	0.05
Al	mg/l	5	0.04	0.17	0.01	0.2
Cu	mg/l	5	0.012	0.055	0.001	1
NH_4	mg/l	5	0.06	0.09	0.02	0.5
Alkalinity	mval/l	5	0.67	0.75	0.16	
CO_2	mg/l	5	0	0	0	
Hardness	°dH	5	5.7	6.1	5.0	
Temperature	°C	5	1.1	1.3	1.0	<25
F^-	mg/l	1	0.2	0.2	0.2	1.5
Cl^-	mg/l	1	25.5	25.5	25.5	
NO_3	mg/l	1	6.1	6.1	6.1	25
SO_4	mg/l	1	50.1	50.1	50.1	