

## **Data Summary Tables for Yorkshire Water (YKS)**

These tables contain a summary of results of monitoring undertaken by the water company in 2008 and submitted to the Drinking Water Inspectorate. The tables are published by the Inspectorate as part of the Chief Inspector's Report entitled 'Drinking water 2008'.

The tables and full content of the Drinking Water Inspectorate's annual report are available on the Inspectorate's website at <http://www.dwi.gov.uk>

### **Notes relating to the interpretation of the tables : -**

Columns on the following tables that are headed '1 percentile representing a minimum' and '99 percentile representing a maximum' contain figures for the 1 percentile and 99 percentile sample results respectively except where less than 100 samples were taken, when the figures are the actual maximum and minimum results.

The symbol < indicates that the result was less than the limit of detection of the analytical method used.

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## Site Summary Data for Yorkshire Water Services Ltd

Report Date Range: For the whole year 2008

**Table YKS 1: Quality of water leaving treatment works - European Standards**

Parameter Name	Parameter Code	Prescribed Concentration or Value	Total Number of Tests	Tests Failed	1 percentile (representing a minimum)	99 percentile (representing a maximum)	No. of works with failures
Nitrite (Works)	A013B	0.1 mg NO <sub>2</sub> /l	2,267	0	< 0.009	0.01	0
<b>Totals:</b>			<b>2,267</b>	<b>0</b>			

**Table YKS 2: Quality of water leaving treatment works - National Standards**

Parameter Name	Parameter Code	Prescribed Concentration or Value	Total Number of Tests	Tests Failed	1 percentile (representing a minimum)	99 percentile (representing a maximum)	No. of works with failures
Coliform Bacteria	C001	0 number/100 ml	14,950	3	0	0	3
Cryptosporidium	C111	(see note*)	2,592	0			0
E Coli	C002	0 number/100 ml	14,950	1	0	0	1
<b>Totals:</b>			<b>32,492</b>	<b>4</b>			

**Table YKS 3: Quality of water leaving treatment works - Additional Monitoring Requirements**

Parameter Name	Parameter Code	Prescribed Concentration or Value	Total Number of Tests	Tests exceeding specification	1 percentile (representing a minimum)	99 percentile (representing a maximum)
Colony Counts After 3 Days At 22°C (Indicator)	C007	No abnormal change	14,950	N/A	0	5
Colony Counts After 48 Hours At 37°C (Indicator)	C013	No abnormal change	14,950	N/A	0	6
Residual Disinfectant - Free	C009	No abnormal change	14,933	N/A	< 0.05	0.85
Residual Disinfectant - Total	C010	No abnormal change	14,934	N/A	0.05	0.95
Turbidity (Indicator)	A002A	1 nephelometric turbidity unit	14,940	2	< 0.11	0.43
<b>Totals:</b>			<b>74,707</b>	<b>2</b>		

\* Note : The Standard for *Cryptosporidium* ceased to exist when regulations changed from 22nd December 2007 but the regulatory monitoring related to *Cryptosporidium* risk assessments continued until 1st October.

**Table YKS 4: Quality of water leaving service reservoirs - National Standards**

Parameter Name	Parameter Code	Prescribed Concentration or Value	Total Number of Tests	Tests Failed	1 percentile (representing a minimum)	99 percentile (representing a maximum)	No. of reservoirs failing standard
Coliform Bacteria	C001	0 number/100 ml	19,105	1	0	0	0
E Coli	C002	0 number/100 ml	19,105	0	0	0	0
<b>Totals:</b>			<b>38,210</b>	<b>1</b>			

**Table YKS 5: Quality of water leaving service reservoirs - Additional Monitoring Requirements**

Parameter Name	Parameter Code	Prescribed Concentration or Value	Total Number of Tests	Tests exceeding specification	1 percentile (representing a minimum)	99 percentile (representing a maximum)
Colony Counts After 3 Days At 22°C (Indicator)	C007	No abnormal change	19,118	N/A	0	120
Colony Counts After 48 Hours At 37°C (Indicator)	C013	No abnormal change	19,118	N/A	0	13
Residual Disinfectant - Free	C009	No abnormal change	19,123	N/A	< 0.05	0.5
Residual Disinfectant - Total	C010	No abnormal change	19,123	N/A	< 0.05	0.65
<b>Totals:</b>			<b>76,482</b>	<b>0</b>		

Table YKS 6: Quality of water leaving bulk supply points - European Standards

Parameter Name	Parameter Code	Prescribed Concentration or Value	Total Number of Tests	Tests Failed	1 percentile (representing a minimum)	99 percentile (representing a maximum)	No. of supply points with failures
Boron	D005A	1 mg B/l	176	0	< 0.007	0.037	0
Cyanide	B003	50 µg CN/l	176	0	< 0.34	0.869	0
Fluoride	A027	1.5 mg F/l	176	0	0.025	0.431	0
Mercury	B005	1 µg Hg/l	176	0	< 0.006	0.025	0
Pesticides - Total Substances	B010	0.5 µg/l	176	0	< 0.05	0.119	0
Pesticides 2,4,5-T	P076	0.1 µg/l	176	0	< 0.003	< 0.003	0
Pesticides 2,4,-Db	P082	0.1 µg/l	176	0	< 0.007	< 0.007	0
Pesticides 2,4-D	P020	0.1 µg/l	176	0	< 0.003	0.031	0
Pesticides Aldrin	P002	0.03 µg/l	176	0	< 0.004	< 0.006	0
Pesticides Alpha-HCH	P003	0.1 µg/l	176	0	< 0.002	< 0.002	0
Pesticides Atrazine	P004	0.1 µg/l	176	0	< 0.001	0.004	0
Pesticides Azinphos methyl	P005	0.1 µg/l	176	0	< 0.005	< 0.005	0
Pesticides Bentazone	P006	0.1 µg/l	176	0	< 0.003	< 0.003	0
Pesticides Beta-HCH	P007	0.1 µg/l	176	0	< 0.002	< 0.002	0
Pesticides Bromacil	P086	0.1 µg/l	176	0	< 0.005	< 0.006	0
Pesticides Bromoxynil	P008	0.1 µg/l	176	0	< 0.007	< 0.007	0
Pesticides Carbetamide	P010	0.1 µg/l	176	0	< 0.005	< 0.005	0
Pesticides Chlordane	P012	0.1 µg/l	176	0	< 0.01	< 0.01	0
Pesticides Chlorfenvinphos	P013	0.1 µg/l	176	0	< 0.005	< 0.005	0
Pesticides Chloridazon	P162	0.1 µg/l	176	0	< 0.003	< 0.003	0
Pesticides Chlorothalonil	P015	0.1 µg/l	176	0	< 0.011	< 0.011	0
Pesticides Chlorpropham	P016	0.1 µg/l	176	0	< 0.004	< 0.004	0
Pesticides Chlorpyrifos	P017	0.1 µg/l	176	0	< 0.002	< 0.002	0
Pesticides Chlortoluron	P014	0.1 µg/l	176	0	< 0.003	< 0.003	0
Pesticides Clopyralid	P018	0.1 µg/l	176	0	< 0.01	0.018	0
Pesticides Cyanazine	P092	0.1 µg/l	176	0	< 0.004	< 0.006	0
Pesticides Delta-HCH	P022	0.1 µg/l	176	0	< 0.003	< 0.003	0
Pesticides Diazinon	P024	0.1 µg/l	176	0	< 0.002	< 0.002	0
Pesticides Dicamba	P025	0.1 µg/l	176	0	< 0.01	< 0.01	0
Pesticides Dichlobenil	P098	0.1 µg/l	176	0	< 0.002	0.008	0
Pesticides Dichlorprop	P026	0.1 µg/l	176	0	< 0.003	< 0.003	0
Pesticides Dichlorvos	P027	0.1 µg/l	176	0	< 0.002	< 0.002	0
Pesticides Dieldrin	P028	0.03 µg/l	176	0	< 0.005	< 0.005	0
Pesticides Dimethoate	P029	0.1 µg/l	176	0	< 0.006	< 0.006	0

Pesticides Diuron	P032	0.1 µg/l	176	0 < 0.003	< 0.003	0
Pesticides Endosulfan A (alpha-Endosulfan)	P101	0.1 µg/l	176	0 < 0.003	< 0.006	0
Pesticides Endosulfan B (beta-Endosulfan)	P102	0.1 µg/l	176	0 < 0.002	< 0.006	0
Pesticides Endrin	P034	0.1 µg/l	176	0 < 0.006	< 0.007	0
Pesticides Epoxyconazole	P217	0.1 µg/l	176	0 < 0.004	< 0.006	0
Pesticides EPTC	P035	0.1 µg/l	176	0 < 0.003	< 0.009	0
Pesticides Fenoprop	P105	0.1 µg/l	176	0 < 0.004	< 0.004	0
Pesticides Fenpropidin	P168	0.1 µg/l	176	0 < 0.005	< 0.006	0
Pesticides Fenpropimorph	P037	0.1 µg/l	176	0 < 0.007	< 0.009	0
Pesticides Fluazifop-butyl	P038	0.1 µg/l	176	0 < 0.003	< 0.004	0
Pesticides Fluroxypyr	P040	0.1 µg/l	176	0 < 0.004	0.008	0
Pesticides Flusilazole	P159	0.1 µg/l	176	0 < 0.003	< 0.004	0
Pesticides Flutriafol	P039	0.1 µg/l	176	0 < 0.003	< 0.005	0
Pesticides Gamma-HCH (Lindane)	P041	0.1 µg/l	176	0 < 0.001	< 0.001	0
Pesticides Heptachlor	P043	0.03 µg/l	176	0 < 0.004	< 0.005	0
Pesticides Heptachlor epoxide	P044	0.03 µg/l	176	0 < 0.006	< 0.01	0
Pesticides Hexachlorobenzene	P045	0.1 µg/l	176	0 < 0.002	< 0.003	0
Pesticides Imazapyr	P160	0.1 µg/l	176	0 < 0.006	< 0.006	0
Pesticides Ioxynil	P049	0.1 µg/l	176	0 < 0.008	< 0.008	0
Pesticides Iprodione	P046	0.1 µg/l	176	0 < 0.004	< 0.004	0
Pesticides Isodrin	P047	0.1 µg/l	176	0 < 0.005	< 0.006	0
Pesticides Isoproturon	P048	0.1 µg/l	176	0 < 0.002	< 0.008	0
Pesticides Linuron	P051	0.1 µg/l	176	0 < 0.004	< 0.004	0
Pesticides MCPA	P054	0.1 µg/l	176	0 < 0.002	0.033	0
Pesticides MCPB	P055	0.1 µg/l	176	0 < 0.006	< 0.006	0
Pesticides MCPP(Mecoprop)	P053	0.1 µg/l	176	0 < 0.004	0.006	0
Pesticides Metazachlor	P203	0.1 µg/l	176	0 < 0.003	< 0.005	0
Pesticides Methabenzthiazuron	P167	0.1 µg/l	176	0 < 0.003	< 0.007	0
Pesticides Monuron	P113	0.1 µg/l	177	0 < 0.002	0.119	2
Pesticides op-DDD (TDE)	P114	0.1 µg/l	176	0 < 0.004	< 0.005	0
Pesticides op-DDE	P115	0.1 µg/l	176	0 < 0.002	< 0.003	0
Pesticides op-DDT	P116	0.1 µg/l	176	0 < 0.004	< 0.009	0
Pesticides Oxadixyl	P154	0.1 µg/l	176	0 < 0.003	0.007	0
Pesticides Pendimethalin	P118	0.1 µg/l	176	0 < 0.004	0.011	0
Pesticides Pentachlorophenol	P060	0.1 µg/l	176	0 < 0.008	< 0.008	0
Pesticides pp-DDD (TDE)	P123	0.1 µg/l	176	0 < 0.006	< 0.006	0
Pesticides pp-DDE	P124	0.1 µg/l	176	0 < 0.002	< 0.002	0
Pesticides pp-DDT	P125	0.1 µg/l	176	0 < 0.001	< 0.002	0
Pesticides Propachlor	P126	0.1 µg/l	176	0 < 0.003	< 0.003	0
Pesticides Propetamphos	P069	0.1 µg/l	176	0 < 0.002	< 0.002	0
Pesticides Propham	P067	0.1 µg/l	176	0 < 0.006	< 0.015	0

Pesticides Propiconazole	P068	0.1 µg/l	176	0	< 0.003	< 0.004	0
Pesticides Propyzamide	P071	0.1 µg/l	176	0	< 0.001	0.007	0
Pesticides Quintozene	P179	0.1 µg/l	176	0	< 0.003	< 0.003	0
Pesticides Simazine	P073	0.1 µg/l	176	0	< 0.001	< 0.003	0
Pesticides Tecnazene	P130	0.1 µg/l	176	0	< 0.002	< 0.003	0
Pesticides Terbutylazine	P173	0.1 µg/l	176	0	< 0.002	< 0.002	0
Pesticides Terbutryn	P077	0.1 µg/l	176	0	< 0.001	< 0.002	0
Pesticides Triadimefon	P078	0.1 µg/l	176	0	< 0.002	< 0.003	0
Pesticides Tri-allate	P079	0.1 µg/l	176	0	< 0.001	< 0.004	0
Pesticides Trichlopyr	P131	0.1 µg/l	176	0	< 0.002	0.006	0
Pesticides Trietazine	P132	0.1 µg/l	176	0	< 0.002	< 0.003	0
Pesticides Trifluralin	P081	0.1 µg/l	176	0	< 0.004	< 0.005	0
<b>Totals:</b>			<b>15,313</b>	<b>0</b>			

**Table YKS 8: Quality of water leaving bulk supply points - Additional Monitoring Requirements**

Parameter Name	Parameter Code	Prescribed Concentration or Value	Total Number of Tests	Tests exceeding specification	1 percentile (representing a minimum)	99 percentile (representing a maximum)
Chloride (Indicator)	D002A	250 mg Cl/l	176	0	6.877	39.184
Clostridium Perfringens (Indicator)	C004A	0 number/100 ml	660	0	0	0
Gross Alpha Activity	F004	0.1 Bq/l	176	0	< 0.02	< 0.05
Gross Beta Activity	F005	1 Bq/l	176	0	0.01	0.1
Total organic carbon (indicator)	A017	No abnormal change	176	N/A	0.723	3.271
<b>Totals:</b>			<b>1,364</b>	<b>0</b>		

Table YKS 9: Quality of water at consumer's tap (zones) - European Standards

Parameter Name	Parameter Code	Prescribed Concentration or Value	Total Number of Tests	Tests Failed	1 percentile (representing a minimum)	99 percentile (representing a maximum)	No. of zones with failures
1,2 Dichloroethane	F001	3 µg/l	607	0	< 0.06	< 0.2	0
Antimony	B008A	5 µg Sb/l	578	0	< 0.17	0.582	0
Arsenic	B001A	10 µg As/l	578	0	< 0.12	1.796	0
Benzene	F002	1 µg/l	604	0	< 0.024	< 0.05	0
Benzo (a) Pyrene	D007	0.01 µg/l	582	0	< 0.0004	0.002	0
Boron	D005A	1 mg B/l	513	0	< 0.007	0.04	0
Bromate	F003	10 µg BrO <sub>3</sub> /l	578	0	< 0.2	5	0
Cadmium	B002	5 µg Cd/l	578	0	< 0.012	0.087	0
Chromium	B004	50 µg Cr/l	578	0	< 0.12	0.554	0
Copper	A024A	2 mg Cu/l	588	0	< 0.001	0.131	0
Cyanide	B003	50 µg CN/l	407	0	< 0.34	1.31	0
E Coli	C002	0 number/100 ml	11,790	1	0	0	1
Enterococci	C003	0 number/100 ml	591	1	0	0	1
Fluoride	A027	1.5 mg F/l	514	0	0.029	0.205	0
Lead	B007A	25 µg Pb/l	577	3	< 0.18	18.83	3
Mercury	B005	1 µg Hg/l	407	0	< 0.006	< 0.017	0
Nickel	B006A	20 µg Ni/l	578	2	< 0.5	9.623	2
Nitrate	A012	50 mg NO <sub>3</sub> /l	891	0	0.895	44.885	0
Nitrate/Nitrite Formula	A013C	1 mg NO <sub>2</sub> /l	891	0	0.034	0.902	0
Nitrite (Consumers tap)	A013A	0.5 mg NO <sub>2</sub> /l	891	0	< 0.009	0.172	0
Pesticides - Total Substances	B010	0.5 µg/l	412	0	< 0.05	0.065	0
Pesticides 2,4,5-T	P076	0.1 µg/l	414	0	< 0.003	< 0.003	0
Pesticides 2,4,-Db	P082	0.1 µg/l	414	0	< 0.007	< 0.007	0
Pesticides 2,4-D	P020	0.1 µg/l	414	0	< 0.003	0.017	0
Pesticides Aldrin	P002	0.03 µg/l	414	0	< 0.006	< 0.006	0
Pesticides Alpha-HCH	P003	0.1 µg/l	414	0	< 0.002	< 0.002	0
Pesticides Atrazine	P004	0.1 µg/l	414	0	< 0.001	0.022	0
Pesticides Azinphos methyl	P005	0.1 µg/l	417	0	< 0.005	< 0.005	0
Pesticides Bentazone	P006	0.1 µg/l	414	0	< 0.003	0.006	0
Pesticides Beta-HCH	P007	0.1 µg/l	414	0	< 0.002	< 0.002	0
Pesticides Bromacil	P086	0.1 µg/l	422	0	< 0.005	< 0.006	0
Pesticides Bromoxynil	P008	0.1 µg/l	414	0	< 0.007	< 0.007	0
Pesticides Carbetamide	P010	0.1 µg/l	414	0	< 0.005	< 0.005	0
Pesticides Chlordane	P012	0.1 µg/l	414	0	< 0.01	< 0.01	0

Pesticides Chlorfenvinphos	P013	0.1 µg/l	417	0 < 0.005	< 0.005	0
Pesticides Chloridazon	P162	0.1 µg/l	414	0 < 0.003	< 0.003	0
Pesticides Chlorothalonil	P015	0.1 µg/l	414	0 < 0.011	< 0.011	0
Pesticides Chlorpropham	P016	0.1 µg/l	414	0 < 0.004	< 0.004	0
Pesticides Chlorpyrifos	P017	0.1 µg/l	417	0 < 0.002	< 0.002	0
Pesticides Chlortoluron	P014	0.1 µg/l	414	0 < 0.003	< 0.003	0
Pesticides Clopyralid	P018	0.1 µg/l	414	0 < 0.01	0.015	0
Pesticides Cyanazine	P092	0.1 µg/l	417	0 < 0.004	< 0.006	0
Pesticides Delta-HCH	P022	0.1 µg/l	414	0 < 0.003	< 0.003	0
Pesticides Diazinon	P024	0.1 µg/l	417	0 < 0.002	< 0.002	0
Pesticides Dicamba	P025	0.1 µg/l	414	0 < 0.01	< 0.01	0
Pesticides Dichlobenil	P098	0.1 µg/l	414	0 < 0.002	0.004	0
Pesticides Dichlorprop	P026	0.1 µg/l	414	0 < 0.003	< 0.003	0
Pesticides Dichlorvos	P027	0.1 µg/l	417	0 < 0.002	< 0.002	0
Pesticides Dieldrin	P028	0.03 µg/l	414	0 < 0.005	< 0.005	0
Pesticides Dimethoate	P029	0.1 µg/l	417	0 < 0.006	< 0.006	0
Pesticides Diuron	P032	0.1 µg/l	414	0 < 0.003	< 0.003	0
Pesticides Endosulfan A (alpha-Endosulfan)	P101	0.1 µg/l	414	0 < 0.003	< 0.003	0
Pesticides Endosulfan B (beta-Endosulfan)	P102	0.1 µg/l	414	0 < 0.002	< 0.002	0
Pesticides Endrin	P034	0.1 µg/l	414	0 < 0.006	< 0.006	0
Pesticides Epoxyconazole	P217	0.1 µg/l	422	0 < 0.004	< 0.006	0
Pesticides EPTC	P035	0.1 µg/l	414	0 < 0.003	< 0.009	0
Pesticides Fenoprop	P105	0.1 µg/l	414	0 < 0.004	< 0.004	0
Pesticides Fenpropidin	P168	0.1 µg/l	414	0 < 0.005	< 0.006	0
Pesticides Fenpropimorph	P037	0.1 µg/l	414	0 < 0.007	< 0.009	0
Pesticides Fluazifop-butyl	P038	0.1 µg/l	414	0 < 0.003	< 0.004	0
Pesticides Fluroxypyr	P040	0.1 µg/l	414	0 < 0.004	0.006	0
Pesticides Flusilazole	P159	0.1 µg/l	414	0 < 0.003	< 0.004	0
Pesticides Flutriafol	P039	0.1 µg/l	414	0 < 0.003	< 0.008	0
Pesticides Gamma-HCH (Lindane)	P041	0.1 µg/l	414	0 < 0.001	< 0.001	0
Pesticides Heptachlor	P043	0.03 µg/l	414	0 < 0.005	< 0.005	0
Pesticides Heptachlor epoxide	P044	0.03 µg/l	414	0 < 0.006	< 0.006	0
Pesticides Hexachlorobenzene	P045	0.1 µg/l	422	0 < 0.003	< 0.003	0
Pesticides Imazapyr	P160	0.1 µg/l	414	0 < 0.006	< 0.006	0
Pesticides Ioxynil	P049	0.1 µg/l	414	0 < 0.008	< 0.008	0
Pesticides Iprodione	P046	0.1 µg/l	417	0 < 0.004	< 0.004	0
Pesticides Isodrin	P047	0.1 µg/l	414	0 < 0.005	< 0.005	0
Pesticides Isoproturon	P048	0.1 µg/l	414	0 < 0.002	< 0.002	0
Pesticides Linuron	P051	0.1 µg/l	414	0 < 0.004	< 0.004	0
Pesticides MCPA	P054	0.1 µg/l	414	0 < 0.002	0.044	0
Pesticides MCPB	P055	0.1 µg/l	414	0 < 0.006	< 0.006	0

Pesticides MCPP(Mecoprop)	P053	0.1 µg/l	414	0 < 0.004	0.009	0
Pesticides Metazachlor	P203	0.1 µg/l	414	0 < 0.003	< 0.005	0
Pesticides Methabenzthiazuron	P167	0.1 µg/l	414	0 < 0.003	< 0.003	0
Pesticides Monuron	P113	0.1 µg/l	414	0 < 0.002	< 0.002	0
Pesticides op-DDD (TDE)	P114	0.1 µg/l	414	0 < 0.005	< 0.005	0
Pesticides op-DDE	P115	0.1 µg/l	414	0 < 0.003	< 0.003	0
Pesticides op-DDT	P116	0.1 µg/l	414	0 < 0.004	< 0.004	0
Pesticides Oxadixyl	P154	0.1 µg/l	417	0 < 0.003	0.015	0
Pesticides Pendimethalin	P118	0.1 µg/l	414	0 < 0.004	< 0.006	0
Pesticides Pentachlorophenol	P060	0.1 µg/l	414	0 < 0.008	< 0.008	0
Pesticides pp-DDD (TDE)	P123	0.1 µg/l	414	0 < 0.006	< 0.006	0
Pesticides pp-DDE	P124	0.1 µg/l	414	0 < 0.002	< 0.002	0
Pesticides pp-DDT	P125	0.1 µg/l	414	0 < 0.002	< 0.002	0
Pesticides Propachlor	P126	0.1 µg/l	414	0 < 0.003	< 0.003	0
Pesticides Propetamphos	P069	0.1 µg/l	417	0 < 0.002	< 0.002	0
Pesticides Propham	P067	0.1 µg/l	414	0 < 0.006	< 0.006	0
Pesticides Propiconazole	P068	0.1 µg/l	414	0 < 0.003	< 0.004	0
Pesticides Propyzamide	P071	0.1 µg/l	414	0 < 0.001	< 0.005	0
Pesticides Quintozene	P179	0.1 µg/l	414	0 < 0.003	< 0.003	0
Pesticides Simazine	P073	0.1 µg/l	414	0 < 0.001	0.007	0
Pesticides Tecnazene	P130	0.1 µg/l	414	0 < 0.003	< 0.003	0
Pesticides Terbutylazine	P173	0.1 µg/l	414	0 < 0.002	0.003	0
Pesticides Terbutryn	P077	0.1 µg/l	414	0 < 0.001	< 0.002	0
Pesticides Triadimefon	P078	0.1 µg/l	414	0 < 0.002	< 0.003	0
Pesticides Tri-allate	P079	0.1 µg/l	414	0 < 0.001	< 0.004	0
Pesticides Trichlopyr	P131	0.1 µg/l	414	0 < 0.002	0.011	0
Pesticides Trietazine	P132	0.1 µg/l	414	0 < 0.002	< 0.003	0
Pesticides Trifluralin	P081	0.1 µg/l	414	0 < 0.005	< 0.005	0
Polycyclic aromatic hydrocarbons	B011F	0.1 µg/l	580	0 < 0.003	0.004	0
Selenium	B009	10 µg Se/l	578	0 < 0.3	1.176	0
Tetrachloroethene/Trichloroethene - sum of two substances	D009B	10 µg/l	594	0 < 0.2	< 0.4	0
Total Trihalomethanes	D011	100 µg/l	594	0	3.295	87.17
<b>Totals:</b>			<b>60,208</b>	<b>7</b>		

**Table YKS 10: Quality of water at consumer's tap (zones) - National Standards**

Parameter Name	Parameter Code	Prescribed Concentration or Value	Total Number of Tests	Tests Failed	1 percentile (representing a minimum)	99 percentile (representing a maximum)	No. of zones with failures
Aluminium	A021	200 µg Al/l	3,886	3	< 6	82	3
Colour	A001	20 mg/l Pt/Co scale	3,884	0	< 0.7	3.115	0
Iron	A022	200 µg Fe/l	3,886	15	< 5.1	126.13	13
Manganese	A023	50 µg Mn/l	3,886	2	< 2.1	13.639	2
Organoleptic Odour	A003	<1 dilution number at 25°C	3,894	0			0
Organoleptic Taste	A004	<1 dilution number at 25°C	3,887	1			1
Sodium	A009	200 mg Na/l	578	0	6.644	34.11	0
Tetrachloromethane	D008	3 µg/l	607	0	< 0.03	< 0.12	0
Turbidity	A002	4 nephelometric turbidity units	3,884	2	< 0.11	0.54	2
<b>Totals:</b>			<b>28,392</b>	<b>23</b>			

**Table YKS 11: Quality of water at consumer's tap (zones) - Additional Monitoring Requirements**

Parameter Name	Parameter Code	Prescribed Concentration or Value	Total Number of Tests	Tests exceeding specification	1 percentile (representing a minimum)	99 percentile (representing a maximum)
Ammonium (Indicator)	A014	0.5 mg NH <sub>4</sub> /l	3,884	0	< 0.01	0.16
Chloride (Indicator)	D002A	250 mg Cl/l	508	0	7.909	43.264
Clostridium Perfringens (Indicator)	C004A	0 number/100 ml	2,465	1	0	0
Coliform Bacteria (Indicator)	C001A	0 number/100 ml	11,790	19	0	0
Colony Counts After 3 Days At 22°C (Indicator)	C007	No abnormal change	3,944	N/A	0	73.1
Colony Counts After 48 Hours At 37°C (Indicator)	C013	No abnormal change	3,944	N/A	0	69.1
Conductivity (Indicator)	D001	2500 µS/cm	3,884	0	112	685
Gross Alpha Activity	F004	0.1 Bq/l	424	0	< 0.02	0.07
Gross Beta Activity	F005	1 Bq/l	424	0	0.01	0.1
Hydrogen ion (pH)	A006	6.5 - 9.5 pH range	3,883	0	7	8.7
Residual Disinfectant - Free	C009	No abnormal change	11,802	N/A	< 0.05	0.6
Residual Disinfectant - Total	C010	No abnormal change	11,802	N/A	< 0.05	0.7
Sulphate (Indicator)	A007	250 mg SO <sub>4</sub> /l	578	0	15.048	155.26
Total organic carbon (indicator)	A017	No abnormal change	424	N/A	0.59	3.1
<b>Totals:</b>			<b>59,756</b>	<b>20</b>		