

## **Data Summary Tables for Dŵr Cymru Welsh Water (DWR)**

These tables contain a summary of results of monitoring undertaken by the water company in 2011 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 2011'.

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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## Viewing Site Summary Data for Dŵr Cymru Welsh Water

Report Date Range: For the whole year 2011

**Table DWR 1: Quality of water leaving service 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	2,139	0	< 0.00499168	0.0110014	0
<b>Totals:</b>			<b>2,139</b>	<b>0</b>			

**Table DWR 2: Quality of water leaving service 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	11,342	6	0	0	5
<i>Cryptosporidium</i>	C111	-(n/a)	4,739	-(n/a)			
<i>E. coli</i>	C002	0 number/100 ml	11,342	0	0	0	0
<b>Totals:</b>			<b>27,423</b>	<b>6</b>			

**Table DWR 3: Quality of water leaving service 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	11,338	-(n/a)	< 1	4
Colony Counts After 48 Hours At 37°C (Indicator)	C013	No abnormal change	11,339	-(n/a)	< 1	2
Residual Disinfectant - Free	C009	No abnormal change	11,368	-(n/a)	< 0.02	1.62
Residual Disinfectant - Total	C010	No abnormal change	11,367	-(n/a)	0.39	1.74
Combined Chlorine/Residual Disinfectant Combined*	-(n/a)	-(n/a)	(11,367)	-(n/a)	0.01	1.23
Turbidity (Indicator)	A002A	1 nephelometric turbidity units	11,338	6	< 0.06	0.32
<b>Totals:</b>			<b>56,750</b>	<b>6</b>		

\*Residual disinfectant combined is presented for information. It is not a parameter required by the regulations. It is derived from the parameters 'Residual Disinfectant - Total' minus 'Residual Disinfectant - Free'.

**Table DWR 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	19,825	12	0	0	0
<i>E. coli</i>	C002	0 number/100 ml	19,825	0	0	0	0
<b>Totals:</b>			<b>39,650</b>	<b>12</b>			

**Table DWR 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	19,825	-(n/a)	< 1	26
Colony Counts After 48 Hours At 37°C (Indicator)	C013	No abnormal change	19,824	-(n/a)	< 1	3
Residual Disinfectant - Free	C009	No abnormal change	19,860	-(n/a)	< 0.02	0.87
Residual Disinfectant - Total	C010	No abnormal change	19,860	-(n/a)	0.06	1.19
Combined Chlorine/Residual Disinfectant Combined*	-(n/a)	-(n/a)	(19,860)	-(n/a)	0.01	1.05
<b>Totals:</b>			<b>79,369</b>	<b>0</b>		

\*Residual disinfectant combined is presented for information. It is not a parameter required by the regulations. It is derived from the parameters 'Residual Disinfectant - Total' minus 'Residual Disinfectant - Free'.

**Table DWR 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
1,2 Dichloroethane	F001	3 µg/l	246	0	< 0.08	< 0.08	0
Benzene	F002	1 µg/l	246	0	< 0.06	< 0.06	0
Boron	D005A	1 mg B/l	246	0	< 0.017	0.02706	0
Bromate	F003	10 µg BrO3/l	64	0	< 0.0006	2.6	0
Cyanide	B003	50 µg CN/l	247	0	< 0.3	< 5	0
Fluoride	A027	1.5 mg F/l	246	0	< 0.03	0.12	0
Mercury	B005	1 µg Hg/l	246	0	< 0.012	< 0.012	0
Pesticides - Total Substances	B010	0.5 µg/l	252	0	0	0.04646	0
Pesticides 2,4,5-T	P076	0.1 µg/l	170	0	< 0.002	< 0.00703	0
Pesticides 2,4,-Db	P082	0.1 µg/l	170	0	< 0.002	< 0.004	0
Pesticides 2,4-D	P020	0.1 µg/l	170	0	< 0.002	0.00845	0
Pesticides Aldrin	P002	0.03 µg/l	246	0	< 0.003	< 0.003	0
Pesticides Alpha-HCH	P003	0.1 µg/l	246	0	< 0.002	< 0.002	0
Pesticides Asulam	P133	0.1 µg/l	178	0	< 0.003	< 0.007	0
Pesticides Atrazine	P004	0.1 µg/l	238	0	< 0.003	< 0.003	0
Pesticides Benazolin	P138	0.1 µg/l	170	0	< 0.002	< 0.004	0
Pesticides Beta-HCH	P007	0.1 µg/l	246	0	< 0.002	< 0.002	0
Pesticides Bromoxynil	P008	0.1 µg/l	170	0	< 0.002	< 0.004	0
Pesticides Captan	P192	0.1 µg/l	16	0	< 0.002	< 0.002	0
Pesticides Carbendazim	P150	0.1 µg/l	100	0	< 0.002	< 0.01586	0
Pesticides Chlorfenvinphos	P013	0.1 µg/l	246	0	< 0.005	< 0.005	0
Pesticides Chlorothalonil	P015	0.1 µg/l	16	0	< 0.003	< 0.003	0
Pesticides Chlorpyrifos	P017	0.1 µg/l	246	0	< 0.01	< 0.01	0
Pesticides Chlortoluron	P014	0.1 µg/l	100	0	< 0.004	< 0.004	0
Pesticides Diazinon	P024	0.1 µg/l	246	0	< 0.006	< 0.006	0
Pesticides Dicamba	P025	0.1 µg/l	170	0	< 0.002	< 0.004	0
Pesticides Dichlorprop	P026	0.1 µg/l	170	0	< 0.002	0.016	0
Pesticides Dieldrin	P028	0.03 µg/l	246	0	< 0.002	< 0.002	0
Pesticides Diuron	P032	0.1 µg/l	108	0	< 0.003	< 0.003	0
Pesticides Endosulfan A (alpha-Endosulfan)	P101	0.1 µg/l	16	0	< 0.003	< 0.003	0
Pesticides Endosulfan B (beta-Endosulfan)	P102	0.1 µg/l	16	0	< 0.003	< 0.003	0
Pesticides Endrin	P034	0.1 µg/l	16	0	< 0.003	< 0.003	0
Pesticides Ethofumersate	P221	0.1 µg/l	239	0	< 0.006	< 0.006	0

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
Pesticides Fenpropidin	P168	0.1 µg/l	239	0	< 0.004	< 0.004	0
Pesticides Fenpropimorph	P037	0.1 µg/l	239	0	< 0.002	< 0.002	0
Pesticides Gamma-HCH (Lindane)	P041	0.1 µg/l	16	0	< 0.002	< 0.002	0
Pesticides Glyphosate	P042	0.1 µg/l	32	0	< 0.006	< 0.006	0
Pesticides Heptachlor	P043	0.03 µg/l	246	0	< 0.002	< 0.002	0
Pesticides Heptachlor epoxide	P044	0.03 µg/l	246	0	< 0.002	< 0.002	0
Pesticides Hexachlorobenzene	P045	0.1 µg/l	16	0	< 0.002	< 0.002	0
Pesticides Ioxynil	P049	0.1 µg/l	170	0	< 0.001	< 0.003	0
Pesticides Isoproturon	P048	0.1 µg/l	100	0	< 0.002	< 0.002	0
Pesticides Linuron	P051	0.1 µg/l	100	0	< 0.005	< 0.005	0
Pesticides MCPA	P054	0.1 µg/l	170	0	< 0.002	0.03635	0
Pesticides MCPB	P055	0.1 µg/l	170	0	< 0.002	< 0.004	0
Pesticides MCPP(Mecoprop)	P053	0.1 µg/l	170	0	< 0.002	0.01287	0
Pesticides Metamitron	P194	0.1 µg/l	100	0	< 0.003	< 0.003	0
Pesticides Methabenzthiazuron	P167	0.1 µg/l	100	0	< 0.003	< 0.003	0
Pesticides op-DDD (TDE)	P114	0.1 µg/l	16	0	< 0.002	< 0.002	0
Pesticides op-DDE	P115	0.1 µg/l	16	0	< 0.002	< 0.002	0
Pesticides op-DDT	P116	0.1 µg/l	16	0	< 0.002	< 0.002	0
Pesticides Parathion (Parathion ethyl)	P059	0.1 µg/l	245	0	< 0.006	< 0.02	0
Pesticides Pentachlorophenol	P060	0.1 µg/l	170	0	< 0.002	< 0.004	0
Pesticides Permethrin	P119	0.1 µg/l	16	0	< 0.004	< 0.004	0
Pesticides pp-DDD (TDE)	P123	0.1 µg/l	16	0	< 0.003	< 0.003	0
Pesticides pp-DDE	P124	0.1 µg/l	16	0	< 0.002	< 0.002	0
Pesticides pp-DDT	P125	0.1 µg/l	16	0	< 0.002	< 0.002	0
Pesticides Propachlor	P126	0.1 µg/l	239	0	< 0.005	< 0.005	0
Pesticides Propazine	P066	0.1 µg/l	238	0	< 0.004	< 0.004	0
Pesticides Propetamphos	P069	0.1 µg/l	245	0	< 0.007	< 0.007	0
Pesticides Propyzamide	P071	0.1 µg/l	15	0	< 0.004	< 0.004	0
Pesticides Simazine	P073	0.1 µg/l	238	0	< 0.007	< 0.007	0
Pesticides Terbutryn	P077	0.1 µg/l	238	0	< 0.003	< 0.003	0
Pesticides Trietazine	P132	0.1 µg/l	238	0	< 0.006	< 0.006	0
Pesticides Trifluralin	P081	0.1 µg/l	16	0	< 0.002	< 0.002	0
Tetrachloroethene/Trichloroethene - sum	D009B	10 µg/l	246	0	0	0	0
<b>Totals:</b>			<b>10,102</b>	<b>0</b>			

**Table DWR 7: Quality of water leaving bulk supply points - 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 supply points with failures
Tetrachloromethane	D008	3 µg/l	246	0	< 0.018	0.0453	0
<b>Totals:</b>			<b>246</b>	<b>0</b>			

**Table DWR 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	246	0	5.6645	31.665
Clostridium Perfringens (Indicator)	C004A	0 number/100 ml	3,534	3	0	0
Conductivity (Indicator)	D001	2500 µS/cm	840	0	48.123	536.18
Gross Alpha Activity	F004	0.1 Bq/l	246	0	< 0.014	0.05724
Gross Beta Activity	F005	1 Bq/l	246	0	< 0.012	0.08659
Sulphate (Indicator)	A007	250 mg SO4/l	246	0	< 0.94	67.721
Total organic carbon (indicator)	A017	No abnormal change	246	-(n/a)	0.2982	2.0165
Tritium (Indicator)	F006	100 Bq/l	246	0	< 5	< 5
<b>Totals:</b>			<b>5,850</b>	<b>3</b>		

Table DWR 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	357	0	< 0.08	< 0.08	0
Antimony	B008A	5 µg Sb/l	599	0	< 0.12	0.18	0
Arsenic	B001A	10 µg As/l	601	0	< 0.37	0.9388	0
Benzene	F002	1 µg/l	357	0	< 0.06	< 0.06	0
Benzo (a) Pyrene	D007	0.01 µg/l	601	0	< 0.001	< 0.001	0
Boron	D005A	1 mg B/l	357	0	< 0.017	< 0.017	0
Bromate	F003	10 µg BrO3/l	544	2	< 0.0006	2.675	1
Cadmium	B002	5 µg Cd/l	601	0	< 0.06	< 0.06	0
Chromium	B004	50 µg Cr/l	600	0	< 0.7	0.9	0
Copper	A024A	2 mg Cu/l	602	0	< 0.0027	0.20385	0
Cyanide	B003	50 µg CN/l	358	0	< 0.3	< 5.123	0
<i>E. coli</i>	C002	0 number/100 ml	7,788	0	0	0	0
Enterococci	C003	0 number/100 ml	600	0	0	0	0
Fluoride	A027	1.5 mg F/l	358	0	< 0.03	0.1	0
Lead	B007A	25 µg Pb/l	602	3	< 0.5	7.658	3
Mercury	B005	1 µg Hg/l	357	0	< 0.012	< 0.012	0
Nickel	B006A	20 µg Ni/l	600	0	< 0.9	2.3	0
Nitrate	A012	50 mg NO3/l	906	0	0.517742	17.761	0
Nitrate/Nitrite Formula	A013C	1 mg NO2/l	893	0	< 0.02	< 0.37	0
Nitrite (Consumers tap)	A013A	0.5 mg NO2/l	906	2	< 0.00499168	0.290766	2
Pesticides - Total Substances	B010	0.5 µg/l	363	0	0	0.03836	0
Pesticides 2,4,5-T	P076	0.1 µg/l	324	0	< 0.002	< 0.005	0
Pesticides 2,4,-Db	P082	0.1 µg/l	324	0	< 0.002	< 0.004	0
Pesticides 2,4-D	P020	0.1 µg/l	324	0	< 0.002	< 0.00475	0
Pesticides Aldrin	P002	0.03 µg/l	357	0	< 0.003	< 0.003	0
Pesticides Alpha-HCH	P003	0.1 µg/l	357	0	< 0.002	< 0.002	0
Pesticides Asulam	P133	0.1 µg/l	356	0	< 0.003	< 0.007	0
Pesticides Atrazine	P004	0.1 µg/l	357	0	< 0.003	< 0.003	0
Pesticides Benazolin	P138	0.1 µg/l	324	0	< 0.002	< 0.004	0
Pesticides Beta-HCH	P007	0.1 µg/l	357	0	< 0.002	< 0.002	0
Pesticides Bromoxynil	P008	0.1 µg/l	324	0	< 0.002	< 0.004	0
Pesticides Captan	P192	0.1 µg/l	109	0	< 0.002	< 0.0218	0
Pesticides Carbendazim	P150	0.1 µg/l	260	0	< 0.002	< 0.002	0
Pesticides Chlorfenvinphos	P013	0.1 µg/l	357	0	< 0.005	< 0.005	0

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
Pesticides Chlorothalonil	P015	0.1 µg/l	109	0	< 0.003	< 0.003	0
Pesticides Chlorpyrifos	P017	0.1 µg/l	356	0	< 0.01	< 0.01	0
Pesticides Chlortoluron	P014	0.1 µg/l	260	0	< 0.004	< 0.004	0
Pesticides Diazinon	P024	0.1 µg/l	357	0	< 0.006	< 0.006	0
Pesticides Dicamba	P025	0.1 µg/l	324	0	< 0.002	< 0.004	0
Pesticides Dichlorprop	P026	0.1 µg/l	324	0	< 0.002	< 0.003	0
Pesticides Dieldrin	P028	0.03 µg/l	357	0	< 0.002	< 0.002	0
Pesticides Diuron	P032	0.1 µg/l	260	0	< 0.003	< 0.003	0
Pesticides Endosulfan A (alpha-Endosulfan)	P101	0.1 µg/l	109	0	< 0.003	< 0.003	0
Pesticides Endosulfan B (beta-Endosulfan)	P102	0.1 µg/l	109	0	< 0.003	< 0.003	0
Pesticides Endrin	P034	0.1 µg/l	109	0	< 0.003	< 0.003	0
Pesticides Ethofumersate	P221	0.1 µg/l	357	0	< 0.006	< 0.006	0
Pesticides Fenpropidin	P168	0.1 µg/l	357	0	< 0.004	< 0.004	0
Pesticides Fenpropimorph	P037	0.1 µg/l	357	0	< 0.002	< 0.002	0
Pesticides Gamma-HCH (Lindane)	P041	0.1 µg/l	109	0	< 0.002	< 0.002	0
Pesticides Glyphosate	P042	0.1 µg/l	152	0	< 0.006	< 0.006	0
Pesticides Heptachlor	P043	0.03 µg/l	357	0	< 0.002	< 0.002	0
Pesticides Heptachlor epoxide	P044	0.03 µg/l	357	0	< 0.002	< 0.002	0
Pesticides Hexachlorobenzene	P045	0.1 µg/l	109	0	< 0.002	< 0.002	0
Pesticides Ioxynil	P049	0.1 µg/l	325	0	< 0.001	< 0.003	0
Pesticides Isoproturon	P048	0.1 µg/l	260	0	< 0.002	< 0.002	0
Pesticides Linuron	P051	0.1 µg/l	261	0	< 0.005	< 0.005	0
Pesticides MCPA	P054	0.1 µg/l	324	0	< 0.002	< 0.004	0
Pesticides MCPB	P055	0.1 µg/l	324	0	< 0.002	< 0.004	0
Pesticides MCPP(Mecoprop)	P053	0.1 µg/l	324	0	< 0.002	0.009	0
Pesticides Metamitron	P194	0.1 µg/l	260	0	< 0.003	< 0.003	0
Pesticides Methabenzthiazuron	P167	0.1 µg/l	260	0	< 0.003	< 0.003	0
Pesticides op-DDD (TDE)	P114	0.1 µg/l	109	0	< 0.002	< 0.002	0
Pesticides op-DDE	P115	0.1 µg/l	109	0	< 0.002	< 0.002	0
Pesticides op-DDT	P116	0.1 µg/l	109	0	< 0.002	< 0.002	0
Pesticides Parathion (Parathion ethyl)	P059	0.1 µg/l	357	0	< 0.006	< 0.02	0
Pesticides Pentachlorophenol	P060	0.1 µg/l	324	0	< 0.002	< 0.004	0
Pesticides Permethrin	P119	0.1 µg/l	109	0	< 0.004	< 0.004	0
Pesticides pp-DDD (TDE)	P123	0.1 µg/l	109	0	< 0.003	< 0.003	0
Pesticides pp-DDE	P124	0.1 µg/l	109	0	< 0.002	< 0.002	0
Pesticides pp-DDT	P125	0.1 µg/l	109	0	< 0.002	< 0.0218	0
Pesticides Propachlor	P126	0.1 µg/l	357	0	< 0.005	< 0.005	0
Pesticides Propazine	P066	0.1 µg/l	357	0	< 0.004	< 0.004	0
Pesticides Propetamphos	P069	0.1 µg/l	357	0	< 0.007	< 0.007	0
Pesticides Propyzamide	P071	0.1 µg/l	109	0	< 0.004	< 0.004	0



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
Pesticides Simazine	P073	0.1 µg/l	357	0	< 0.007	< 0.007	0
Pesticides Terbutryn	P077	0.1 µg/l	357	0	< 0.003	< 0.003	0
Pesticides Trietazine	P132	0.1 µg/l	357	0	< 0.006	< 0.006	0
Pesticides Trifluralin	P081	0.1 µg/l	109	0	< 0.002	< 0.002	0
Pesticides Triphenyltin (fentin)	P169	0.1 µg/l	24	0	< 0.02	< 0.08	0
Polycyclic aromatic hydrocarbons	B011F	0.1 µg/l	601	0	0	0.00196	0
Selenium	B009	10 µg Se/l	600	0	< 0.22	0.7387	0
Tetrachloroethene/Trichloroethene - sum	D009B	10 µg/l	356	0	0	0	0
Total Trihalomethanes	D011	100 µg/l	600	0	1.7046	78.4055	0
<b>Totals:</b>			<b>36,232</b>	<b>7</b>			

**Table DWR 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	1,746	1	< 5	64.53	1
Colour	A001	20 mg/l Pt/Co scale	1,420	0	< 0.3	3.779	0
Iron	A022	200 µg Fe/l	2,397	11	< 10	134.02	9
Manganese	A023	50 µg Mn/l	1,709	4	< 1.8	16.7	4
Organoleptic Odour	A003	0 Dilution number	1,753	6	0	0	6
Organoleptic Taste	A004	0 Dilution number	1,463	3	0	0	3
Sodium	A009	200 mg Na/l	600	0	3	38.99	0
Tetrachloromethane	D008	3 µg/l	357	0	< 0.018	0.0442	0
Turbidity	A002	4 nephelometric turbidity units	1,441	0	< 0.06	0.4358	0
<b>Totals:</b>			<b>12,886</b>	<b>25</b>			

**Table DWR 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	1,529	1	< 0.01166	0.349196
Chloride (Indicator)	D002A	250 mg Cl/l	357	0	5.2392	48.204
<i>Clostridium perfringens</i> (Indicator)	C004A	0 number/100 ml	1,269	3	0	0
Coliform Bacteria (Indicator)	C001A	0 number/100 ml	7,788	9	0	0
Colony Counts After 3 Days At 22°C (Indicator)	C007	No abnormal change	1,443	-(n/a)	< 1	30
Colony Counts After 48 Hours At 37°C (Indicator)	C013	No abnormal change	1,443	-(n/a)	< 1	27
Conductivity (Indicator)	D001	2500 µS/cm	974	0	54.425	428.5
Gross Alpha Activity	F004	0.1 Bq/l	600	0	< 0.014	0.05392
Gross Beta Activity	F005	1 Bq/l	600	0	< 0.012	0.086
Hydrogen ion (pH)	A006	6.5 - 9.5 pH Value	2,156	2	7.14	8.6843
Residual Disinfectant - Free	C009	No abnormal change	7,726	-(n/a)	< 0.02	0.77
Residual Disinfectant - Total	C010	No abnormal change	7,804	-(n/a)	0.04	1.0195
Combined Chlorine/Residual Disinfectant Combined*	-(n/a)	-(n/a)	(7,726)	-(n/a)	0.01	0.95
Sulphate (Indicator)	A007	250 mg SO <sub>4</sub> /l	357	0	< 0.94	73.104
Total organic carbon (indicator)	A017	No abnormal change	357	-(n/a)	< 0.5	2.93
Tritium (Indicator)	F006	100 Bq/l	357	0	< 5	< 5
<b>Totals:</b>			<b>34,760</b>	<b>15</b>		

\*Residual disinfectant combined is presented for information. It is not a parameter required by the regulations. It is derived from the parameters 'Residual Disinfectant - Total' minus 'Residual Disinfectant - Free'.