

Viewing Site Summary Data for Dwr Cymru Welsh Water

Report Date Range: For the whole year 2020

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 (Total)	A013B	0.1 mg NO2/l	534	0	< 0.015	< 0.015	0
<b>Totals:</b>			<b>534</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
E coli (faecal coliforms Confirmed)	C002	0 number/100 ml	11,017	0	0	0	0
Total Coliforms (Confirmed)	C001	0 number/100 ml	11,017	2	0	0	2
<b>Totals:</b>			<b>22,034</b>	<b>2</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 (Colony Counts)	C007	No abnormal change	11,014	-n/a	0	2
Residual Disinfectant - Free	C009	No abnormal change	11,027	-n/a	0.4	1.26
Residual Disinfectant - Total	C010	No abnormal change	11,027	-n/a	0.45	1.34
Turbidity - Indicator	A002A	1 NTU	11,019	0	< 0.3	< 0.3
<b>Totals:</b>			<b>44,087</b>	<b>0</b>		

**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
E coli (faecal coliforms Confirmed)	C002	0 number/100 ml	16,950	0	0	0	0
Total Coliforms (Confirmed)	C001	0 number/100 ml	16,950	7	0	0	0
<b>Totals:</b>			<b>33,900</b>	<b>7</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 22øc (Colony Counts)	C007	No abnormal change	16,940	-n/a	0	2
Residual Disinfectant - Free	C009	No abnormal change	16,979	-n/a	0.2	0.93
Residual Disinfectant - Total	C010	No abnormal change	16,979	-n/a	0.28	0.99
<b>Totals:</b>			<b>50,898</b>	<b>0</b>		

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 (Total)	F001	3 µg/l	215	0	< 0.18	< 0.18	0
Benzene (Total)	F002	1 µg/l	215	0	< 0.097	< 0.097	0
Boron	D005A	1 mg B/l	215	0	< 0.14	< 0.14	0
Bromate	F003	10 µg BrO <sub>3</sub> /l	67	0	< 0.46	< 3.5	0
Cyanide (Total)	B003	50 µg CN/l	212	0	< 3.6	< 3.6	0
Fluoride (Total)	A027	1.5 mg F/l	215	0	< 0.11	< 0.11	0
Mercury (Total)	B005	1 µg Hg/l	216	0	< 0.037	< 0.037	0
Pesticides (Total by Calculation)	B010	0.5 µg/l	227	0	0	0.045	0
Pesticides 2,4-D	P020	0.1 µg/l	218	0	< 0.0078	< 0.014727	0
Pesticides 2,4-DB	P082	0.1 µg/l	8	0	< 0.014	< 0.014	0
Pesticides Aldrin	P002	0.03 µg/l	217	0	< 0.0065	< 0.0065	0
Pesticides Asulam	P133	0.1 µg/l	219	0	< 0.011	< 0.011	0
Pesticides Clopyralid	P018	0.1 µg/l	9	0	< 0.0079	< 0.026	0
Pesticides Diazinon	P024	0.1 µg/l	29	0	< 0.015	< 0.015	0
Pesticides Dicamba	P025	0.1 µg/l	8	0	< 0.023	< 0.023	0
Pesticides Dieldrin	P028	0.03 µg/l	216	0	< 0.007	< 0.007	0
Pesticides Glyphosate	P042	0.1 µg/l	218	0	< 0.0064	< 0.00781	0
Pesticides Heptachlor Epoxide)	P043	0.03 µg/l	217	0	< 0.0081	< 0.0081	0
Pesticides Linuron	P051	0.1 µg/l	9	0	< 0.012	< 0.012	0
Pesticides MCPA 4-chloro-o-tolylxyacetic acid	P054	0.1 µg/l	219	0	< 0.011	< 0.0188	0
Pesticides MCPP (Mecoprop)	P053	0.1 µg/l	219	0	< 0.0087	< 0.0087	0
Pesticides Metaldehyde	P226	0.1 µg/l	9	0	< 0.008	< 0.019	0
Pesticides Metamitron	P194	0.1 µg/l	10	0	< 0.014	< 0.014	0
Pesticides Propetamphos	P069	0.1 µg/l	1	0	< 0.015	< 0.015	0
Pesticides Propyzamide	P071	0.1 µg/l	9	0	< 0.012	< 0.012	0
Pesticides Quinmerac	P244	0.1 µg/l	9	0	< 0.006	< 0.0095	0
Pesticides Triclopyr	P131	0.1 µg/l	29	0	< 0.012	< 0.012	0
Radon	F031	100 Bq/l	4	0	< 0.5	< 1.3	0
by Calculation)	D009B	10 µg/l	214	0	0	< 0.11	0
<b>Totals:</b>			<b>3,890</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 (Total)	D008	3 µg/l	215	0	< 0.21	< 0.21	0
<b>Totals:</b>			<b>215</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	D002A	250 mg Cl/l	215	0 <	10.1	27
Clostridium Perfringens (Sulphite-reducing Clostridia) (Confirmed)	C004A	0 number/100 ml	535	0	0	0
Sulphate	A007	250 mg SO <sub>4</sub> /l	215	0 <	8.9	72.2
Total Organic Carbon	A017	No abnormal change	215	-n/a <	0.57	3.324
Tritium	F006	100 Bq/l	6	0 <	3	< 3
<b>Totals:</b>			<b>1,186</b>	<b>0</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 failing standard
1,2-Dichloroethane (Total)	F001	3 µg/l	431	0	< 0.18	0.18	0
Antimony	B008A	5 µg Sb/l	647	0	< 0.083	0.11	0
Arsenic (Total)	B001A	10 µg As/l	647	0	< 0.43	0.5652	0
Benzene (Total)	F002	1 µg/l	431	0	< 0.097	0.097	0
Benzo[a]Pyrene (Total)	D007	0.01 µg/l	632	0	< 0.0013	0.0013	0
Boron	D005A	1 mg B/l	420	0	< 0.14	0.14	0
Bromate	F003	10 µg BrO <sub>3</sub> /l	580	0	< 0.46	2.2	0
Cadmium (Total)	B002	5 µg Cd/l	644	0	< 0.062	0.062	0
Chromium (Total)	B004	50 µg Cr/l	644	0	< 0.18	0.331	0
Copper (Total)	A024A	2 mg Cu/l	389	0	< 0.22	0.252	0
Cyanide (Total)	B003	50 µg CN/l	425	0	< 3.6	3.6	0
E coli (faecal coliforms Confirmed)	C002	0 number/100 ml	6,532	0	0	0	0
Enterococci (Confirmed)	C003	0 number/100 ml	645	0	0	0	0
Fluoride (Total)	A027	1.5 mg F/l	428	0	< 0.11	0.11	0
Lead (10 - will apply 25.12.2013)	B007B	10 µg Pb/l	389	0	< 0.16	2.64	0
Mercury (Total)	B005	1 µg Hg/l	430	0	< 0.037	0.037	0
Nickel (Total)	B006A	20 µg Ni/l	388	0	< 1.2	3.932	0
Nitrate (Total)	A012	50 mg NO <sub>3</sub> /l	646	0	< 2.213	< 18.6158	0
Nitrite - Consumer's Taps	A013A	0.5 mg NO <sub>2</sub> /l	647	0	< 0.015	0.015	0
Nitrite/Nitrate formula	A013C	1 mg/l	645	0	< 0.05	< 0.3808	0
Pesticides (Total by Calculation)	B010	0.5 µg/l	550	0	0	0.02496	0
Pesticides 2,4-D	P020	0.1 µg/l	520	0	< 0.0078	0.009079	0
Pesticides Aldrin	P002	0.03 µg/l	522	0	< 0.0065	0.0065	0
Pesticides Asulam	P133	0.1 µg/l	520	0	< 0.011	0.011	0
Pesticides Clopyralid	P018	0.1 µg/l	40	0	< 0.0079	0.0079	0
Pesticides Diazinon	P024	0.1 µg/l	24	0	< 0.015	0.015	0
Pesticides Dicamba	P025	0.1 µg/l	16	0	< 0.023	0.023	0
Pesticides Dieldrin	P028	0.03 µg/l	522	0	< 0.007	0.007	0
Pesticides Glyphosate	P042	0.1 µg/l	521	0	< 0.0064	0.01356	0
Pesticides Heptachlor (epoxide)	P043	0.03 µg/l	517	0	< 0.0081	0.0081	0
Pesticides Ioxynil	P049	0.1 µg/l	18	0	< 0.0069	< 0.0069	0
Pesticides MCPA 4-chloro-o-tolylxyacetic acid	P054	0.1 µg/l	520	0	< 0.011	0.011	0
Pesticides MCPP (Mecoprop)	P053	0.1 µg/l	519	0	< 0.0087	0.0087	0
Pesticides Metaldehyde	P226	0.1 µg/l	182	0	< 0.008	0.008	0
Pesticides Propyzamide	P071	0.1 µg/l	8	0	< 0.012	< 0.012	0
Pesticides Quinmerac	P244	0.1 µg/l	5	0	< 0.006	< 0.006	0
Pesticides Triclopyr	P131	0.1 µg/l	32	0	< 0.012	0.012	0
Polycyclic Aromatic Hydrocarbons (Total by Calculation)	B011F	0.1 µg/l	631	0	0	0	0
Selenium (Total)	B009	10 µg Se/l	644	0	< 0.22	0.36	0

by Calculation)	D009B	10 µg/l	425	0	0	0.1348	0
Trihalomethanes (Total by Calculation)	D011	100 µg/l	642	0	3.143	65.14	0
<b>Totals:</b>			<b>24,537</b>	<b>0</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 failing standard
Aluminium (Total)	A021	200 µg Al/l	2,810	2 <	44	59.89	2
Colour	A001	20 mg/l Pt/Co	2,810	0 <	4	4.889	0
Iron (Total)	A022	200 µg Fe/l	2,808	7 <	34	129.1	4
Manganese (Total)	A023	50 µg Mn/l	2,808	2 <	7.1	8	2
Odour	A003	0 Dilution number at 25°C	2,820	1	0	0	1
Sodium (Total)	A009	200 mg Na/l	644	0	3.1	38	0
Taste (Taste Quant)	A004	0 Dilution number at 25°C	2,798	0	0	0	0
Tetrachloromethane (Total)	D008	3 µg/l	431	0 <	0.21	0.21	0
Turbidity	A002	4 NTU	2,813	2 <	0.3	0.3	2
<b>Totals:</b>			<b>20,742</b>	<b>14</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 (Total)	A014	0.5 mg NH4/l	641	0 <	0.01	0.01
Chloride	D002A	250 mg Cl/l	432	0 <	10.1	46
Clostridium Perfringens (Sulphite-reducing Clostridia) (Confirmed)	C004A	0 number/100 ml	2	0	0	0
Coliform Bacteria (Indicator)	C001A	0 number/100 ml	6,532	9	0	0
Colony Counts After 3 Days At 22°C (Colony Counts)	C007	No abnormal change	2,818	-n/a	0	8
Conductivity (Electrical Conductivity)	D001	2500 µS/cm at 20°C	2,809	0	72	449
Hydrogen ion (pH) - Indicator (Hydrogen ion) (pH)	A006	6.5 - 9.5 pH Value	2,815	0	7.3	8.284
Residual Disinfectant - Free	C009	No abnormal change	6,588	-n/a	0.13	1.05
Residual Disinfectant - Total	C010	No abnormal change	6,588	-n/a	0.23	1.11
Sulphate	A007	250 mg SO4/l	429	0 <	8.9	55.7
Total Organic Carbon	A017	No abnormal change	418	-n/a <	0.57	2.462
<b>Totals:</b>			<b>30,072</b>	<b>9</b>		