

Viewing Site Summary Data for Hafren Dyfrdwy

Report Date Range: For the whole year 2020

Table HDC 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 NO ₂ /l	39	0	< 0.005	0.014	0
Totals:			39	0			

Table HDC 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	951	0	0	0	0
Total Coliforms (Confirmed)	C001	0 number/100 ml	951	0	0	0	0
Totals:			1,902	0			

Table HDC 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	951	-n/a	0	5
Colony Counts After 48 Hours At 37°C (Colony Counts)	C013	No abnormal change	951	-n/a	0	3
Residual Disinfectant - Free	C009	No abnormal change	951	-n/a	0.18	0.73
Turbidity - Indicator	A002A	1 NTU	951	0	< 0.12	0.3996
Totals:			3,804	0		

Table HDC 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	4,308	0	0	0	0
Total Coliforms (Confirmed)	C001	0 number/100 ml	4,308	2	0	0	0
Totals:			8,616	2			

Table HDC 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	4,308	-n/a	0	62
Colony Counts After 48 Hours At 37øc (Colony Counts)	C013	No abnormal change	4,308	-n/a	0	3
Residual Disinfectant - Free	C009	No abnormal change	4,308	-n/a	0.04	0.54
Totals:			12,924	0		

Table HDC 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	39	0 <	0.3	< 0.3	0
Benzene (Total)	F002	1 µg/l	39	0 <	0.12	< 0.12	0
Boron	D005A	1 mg B/l	39	0 <	0.03	< 0.031	0
Cyanide (Total)	B003	50 µg CN/l	39	0 <	3.6	< 3.6	0
Fluoride (Total)	A027	1.5 mg F/l	39	0 <	0.08	< 0.08	0
Mercury (Total)	B005	1 µg Hg/l	39	0 <	0.015	< 0.034	0
Pesticides (Total by Calculation)	B010	0.5 µg/l	29	0	0	0.007	0
Pesticides 2 4-D	P020	0.1 µg/l	17	0 <	0.009	< 0.009	0
Pesticides 2,4-DB	P082	0.1 µg/l	17	0 <	0.016	< 0.016	0
Pesticides 2,3,6-Tba	P074	0.1 µg/l	17	0 <	0.027	< 0.027	0
Pesticides Aldrin	P002	0.03 µg/l	24	0 <	0.003	< 0.003	0
Pesticides Asulam	P133	0.1 µg/l	24	0 <	0.013	< 0.025	0
Pesticides Atrazine	P004	0.1 µg/l	17	0 <	0.011	< 0.011	0
Pesticides Azoxystrobin	P227	0.1 µg/l	16	0 <	0.004	< 0.011	0
Pesticides Benazolin (Total)	P138	0.1 µg/l	17	0 <	0.007	< 0.007	0
Pesticides Bentazone	P006	0.1 µg/l	17	0 <	0.006	< 0.006	0
Pesticides Boscalid	P231	0.1 µg/l	16	0 <	0.007	< 0.009	0
Pesticides Bromoxynil	P008	0.1 µg/l	17	0 <	0.011	< 0.011	0
Pesticides Carbenazim (Total)	P150	0.1 µg/l	17	0 <	0.011	< 0.011	0
Pesticides Carbetamide	P010	0.1 µg/l	17	0 <	0.012	< 0.012	0
Pesticides Chloridazon	P162	0.1 µg/l	16	0 <	0.004	< 0.012	0
Pesticides Chloromequat	P163	0.1 µg/l	16	0 <	0.003	< 0.003	0
Pesticides Chlortoluron	P014	0.1 µg/l	16	0 <	0.012	< 0.012	0
Pesticides Clopyralid	P018	0.1 µg/l	25	0 <	0.009	< 0.009	0
Pesticides Cyproconazole	P207	0.1 µg/l	16	0 <	0.007	< 0.011	0
Pesticides Diazinon	P024	0.1 µg/l	16	0 <	0.01	< 0.01	0
Pesticides Dicamba	P025	0.1 µg/l	17	0 <	0.015	< 0.015	0
Pesticides Dichlorprop	P026	0.1 µg/l	17	0 <	0.009	< 0.009	0
Pesticides Dieldrin	P028	0.03 µg/l	24	0 <	0.008	< 0.008	0
Pesticides Diflufenican	P157	0.1 µg/l	16	0 <	0.01	< 0.01	0
Pesticides Dimethenamid - P	P265	0.1 µg/l	16	0 <	0.006	< 0.01	0
Pesticides Diuron	P032	0.1 µg/l	16	0 <	0.013	< 0.013	0
Pesticides Epoxyconazole	P217	0.1 µg/l	16	0 <	0.007	< 0.01	0
Pesticides Ethofumersate	P221	0.1 µg/l	16	0 <	0.015	< 0.015	0
Pesticides Fenpropimorph	P037	0.1 µg/l	16	0 <	0.011	< 0.011	0
Pesticides Flufenacet	P230	0.1 µg/l	16	0 <	0.005	< 0.009	0
Pesticides Fluroxypyr	P040	0.1 µg/l	18	0 <	0.006	< 0.006	0
Pesticides Flusilazole	P159	0.1 µg/l	16	0 <	0.009	< 0.014	0
Pesticides Flutriafol	P039	0.1 µg/l	17	0 <	0.015	< 0.015	0
Pesticides Glyphosate	P042	0.1 µg/l	24	0 <	0.01	< 0.015	0
Pesticides Heptachlor	P043	0.03 µg/l	24	0 <	0.003	< 0.003	0

Epoxide)	P044	0.03 µg/l	24	0	0	0	0
Pesticides Isoproturon	P048	0.1 µg/l	16	0	< 0.011	< 0.011	0
Pesticides Linuron	P051	0.1 µg/l	16	0	< 0.012	< 0.012	0
Pesticides MCPA 4-chloro-o-tolyloxyacetic acid	P054	0.1 µg/l	25	0	< 0.006	0.007	0
Pesticides MCPP (Mecoprop)	P053	0.1 µg/l	17	0	< 0.005	< 0.005	0
Pesticides Metalaxyl	P209	0.1 µg/l	16	0	< 0.007	< 0.009	0
Pesticides Metaldehyde	P226	0.1 µg/l	17	0	< 0.006	< 0.006	0
Pesticides Metamitron	P194	0.1 µg/l	16	0	< 0.012	< 0.012	0
Pesticides Metazachlor	P203	0.1 µg/l	17	0	< 0.011	< 0.011	0
Pesticides Metribuzin	P152	0.1 µg/l	16	0	< 0.004	< 0.009	0
Pesticides Monuron	P113	0.1 µg/l	17	0	< 0.011	< 0.011	0
Pesticides Oxadixyl	P154	0.1 µg/l	16	0	< 0.004	< 0.015	0
Pesticides Pendimethalin	P118	0.1 µg/l	16	0	< 0.012	< 0.012	0
Pesticides Pirimicarb	P064	0.1 µg/l	16	0	< 0.01	< 0.01	0
Pesticides Propiconazole	P068	0.1 µg/l	21	0	< 0.014	< 0.014	0
Pesticides Propyzamide	P071	0.1 µg/l	17	0	< 0.011	< 0.011	0
Pesticides Prosulfocarb	P243	0.1 µg/l	16	0	< 0.005	< 0.012	0
Pesticides Quinmerac	P244	0.1 µg/l	16	0	< 0.009	< 0.014	0
Pesticides Simazine	P073	0.1 µg/l	16	0	< 0.011	< 0.011	0
Pesticides Tebuconazole	P177	0.1 µg/l	16	0	< 0.006	< 0.01	0
Pesticides Terbutryn	P077	0.1 µg/l	16	0	< 0.009	< 0.009	0
Pesticides Triadimefon	P078	0.1 µg/l	17	0	< 0.012	< 0.012	0
Pesticides Tri-allate	P079	0.1 µg/l	16	0	< 0.003	< 0.003	0
Pesticides Triclopyr	P131	0.1 µg/l	17	0	< 0.011	< 0.011	0
by Calculation)	D009B	10 µg/l	39	0	0	0	0
Totals:			1,322	0			

Table HDC 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	39	0	< 0.19	< 0.19	0
Totals:			39	0			

Table HDC 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	39	0	9	17
Clostridium Perfringens (Sulphite-reducing Clostridia) (Confirmed)	C004A	0 number/100 ml	39	0	0	0
Conductivity (Electrical Conductivity)	D001	2500 µS/cm at 20°C	303	0	86.744	268
Sulphate	A007	250 mg SO ₄ /l	39	0	6.7	36
Total Organic Carbon	A017	No abnormal change	39	-n/a	< 0.8	2.4
Totals:			459	0		

Table HDC 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	19	0 <	0.3	< 0.3	0
Antimony	B008A	5 µg Sb/l	94	0 <	0.08	< 0.3	0
Arsenic (Total)	B001A	10 µg As/l	94	0 <	0.09	1.46	0
Benzene (Total)	F002	1 µg/l	19	0 <	0.12	< 0.12	0
Benzo[a]Pyrene (Total)	D007	0.01 µg/l	90	0 <	0.001	< 0.001	0
Boron	D005A	1 mg B/l	19	0 <	0.03	< 0.031	0
Bromate	F003	10 µg BrO3/l	90	0 <	0.53	< 0.53	0
Cadmium (Total)	B002	5 µg Cd/l	94	0 <	0.02	0.16	0
Chromium (Total)	B004	50 µg Cr/l	94	0 <	0.3	< 2.1	0
Copper (Total)	A024A	2 mg Cu/l	69	0 <	0.001	0.586	0
Cyanide (Total)	B003	50 µg CN/l	19	0 <	3.6	< 3.6	0
E coli (faecal coliforms Confirmed)	C002	0 number/100 ml	517	0	0	0	0
Enterococci (Confirmed)	C003	0 number/100 ml	94	0	0	0	0
Fluoride (Total)	A027	1.5 mg F/l	19	0 <	0.08	0.11	0
Lead (10 - will apply 25.12.2013)	B007B	10 µg Pb/l	69	0 <	0.15	6.13	0
Mercury (Total)	B005	1 µg Hg/l	19	0 <	0.015	< 0.034	0
Nickel (Total)	B006A	20 µg Ni/l	69	0 <	0.8	12.5	0
Nitrate (Total)	A012	50 mg NO3/l	94	0	1.33	33.26	0
Nitrite - Consumer's Taps	A013A	0.5 mg NO2/l	94	0 <	0.003	< 0.01	0
Nitrite/Nitrate formula	A013C	1 mg/l	94	0	0.03	0.67	0
Pesticides (Total by Calculation)	B010	0.5 µg/l	19	0	0	0	0
Pesticides 2 4-D	P020	0.1 µg/l	19	0 <	0.009	< 0.009	0
Pesticides 2 4-DB	P082	0.1 µg/l	19	0 <	0.016	< 0.016	0
Pesticides 2,3,6-Tba	P074	0.1 µg/l	19	0 <	0.027	< 0.027	0
Pesticides Aldrin	P002	0.03 µg/l	19	0 <	0.003	< 0.003	0
Pesticides Asulam	P133	0.1 µg/l	19	0 <	0.013	< 0.025	0
Pesticides Atrazine	P004	0.1 µg/l	19	0 <	0.011	< 0.011	0
Pesticides Azoxystrobin	P227	0.1 µg/l	19	0 <	0.004	< 0.011	0
Pesticides Benazolin (Total)	P138	0.1 µg/l	19	0 <	0.007	< 0.007	0
Pesticides Bentazone	P006	0.1 µg/l	19	0 <	0.006	< 0.006	0
Pesticides Boscalid	P231	0.1 µg/l	19	0 <	0.007	< 0.009	0
Pesticides Bromoxynil	P008	0.1 µg/l	19	0 <	0.011	< 0.011	0
Pesticides Carbendazim (Total)	P150	0.1 µg/l	19	0 <	0.011	< 0.011	0
Pesticides Carbetamide	P010	0.1 µg/l	19	0 <	0.012	< 0.012	0
Pesticides Chloridazon	P162	0.1 µg/l	19	0 <	0.004	< 0.012	0
Pesticides Chlormequat	P163	0.1 µg/l	19	0 <	0.003	< 0.003	0
Pesticides Chlortoluron	P014	0.1 µg/l	19	0 <	0.012	< 0.012	0
Pesticides Clopyralid	P018	0.1 µg/l	19	0 <	0.009	< 0.009	0
Pesticides Cyproconazole	P207	0.1 µg/l	19	0 <	0.007	< 0.011	0
Pesticides Diazinon	P024	0.1 µg/l	19	0 <	0.01	< 0.01	0
Pesticides Dicamba	P025	0.1 µg/l	19	0 <	0.015	< 0.015	0

Pesticides Dichlorprop	P026	0.1 µg/l	19	0	< 0.009	< 0.009	0
Pesticides Dieldrin	P028	0.03 µg/l	19	0	< 0.008	< 0.008	0
Pesticides Diflufenican	P157	0.1 µg/l	19	0	< 0.01	< 0.01	0
Pesticides Dimethenamid - P	P265	0.1 µg/l	19	0	< 0.006	< 0.01	0
Pesticides Diuron	P032	0.1 µg/l	19	0	< 0.013	< 0.013	0
Pesticides Epoxyconazole	P217	0.1 µg/l	19	0	< 0.007	< 0.01	0
Pesticides Ethofumersate	P221	0.1 µg/l	19	0	< 0.015	< 0.015	0
Pesticides Fenpropimorph	P037	0.1 µg/l	19	0	< 0.011	< 0.011	0
Pesticides Flufenacet	P230	0.1 µg/l	19	0	< 0.005	< 0.009	0
Pesticides Fluroxypyr	P040	0.1 µg/l	19	0	< 0.006	< 0.006	0
Pesticides Flusilazole	P159	0.1 µg/l	19	0	< 0.009	< 0.014	0
Pesticides Flutriafol	P039	0.1 µg/l	19	0	< 0.015	< 0.015	0
Pesticides Fosthiazate	P254	0.1 µg/l	19	0	< 0.012	< 0.012	0
Pesticides Glyphosate	P042	0.1 µg/l	19	0	< 0.01	< 0.015	0
Pesticides Heptachlor Epoxide)	P044	0.03 µg/l	19	0	0	0	0
Pesticides Isoproturon	P048	0.1 µg/l	19	0	< 0.011	< 0.011	0
Pesticides Linuron	P051	0.1 µg/l	19	0	< 0.012	< 0.012	0
Pesticides MCPA 4-chloro-o-tolyloxyacetic acid	P054	0.1 µg/l	19	0	< 0.006	< 0.006	0
Pesticides MCPP (Mecoprop)	P053	0.1 µg/l	19	0	< 0.005	< 0.005	0
Pesticides Metalaxyl	P209	0.1 µg/l	19	0	< 0.007	< 0.009	0
Pesticides Metaldehyde	P226	0.1 µg/l	19	0	< 0.006	< 0.006	0
Pesticides Metamitron	P194	0.1 µg/l	19	0	< 0.012	< 0.012	0
Pesticides Metazachlor	P203	0.1 µg/l	19	0	< 0.011	< 0.011	0
Pesticides Metribuzin	P152	0.1 µg/l	19	0	< 0.004	< 0.009	0
Pesticides Monuron	P113	0.1 µg/l	19	0	< 0.011	< 0.011	0
Pesticides Oxadixyl	P154	0.1 µg/l	19	0	< 0.004	< 0.015	0
Pesticides Pendimethalin	P118	0.1 µg/l	19	0	< 0.012	< 0.012	0
Pesticides Pirimicarb	P064	0.1 µg/l	19	0	< 0.01	< 0.01	0
Pesticides Propiconazole	P068	0.1 µg/l	19	0	< 0.014	< 0.014	0
Pesticides Propyzamide	P071	0.1 µg/l	19	0	< 0.011	< 0.011	0
Pesticides Prosulfocarb	P243	0.1 µg/l	18	0	< 0.005	< 0.012	0
Pesticides Quinmerac	P244	0.1 µg/l	19	0	< 0.009	< 0.014	0
Pesticides Simazine	P073	0.1 µg/l	19	0	< 0.011	< 0.011	0
Pesticides Tebuconazole	P177	0.1 µg/l	19	0	< 0.006	< 0.01	0
Pesticides Terbutryn	P077	0.1 µg/l	19	0	< 0.009	< 0.009	0
Pesticides Triadimefon	P078	0.1 µg/l	19	0	< 0.012	< 0.012	0
Pesticides Tri-allate	P079	0.1 µg/l	19	0	< 0.003	< 0.003	0
Pesticides Triclopyr	P131	0.1 µg/l	19	0	< 0.011	< 0.011	0
Pesticides Trinexapac-ethyl	P236	0.1 µg/l	19	0	< 0.01	< 0.01	0
Polycyclic Aromatic Hydrocarbons (Total by Calculation)	B011F	0.1 µg/l	90	0	0	0	0
Selenium (Total by Calculation)	B009 D009B	10 µg Se/l 10 µg/l	94 19	0	< 0.12 0	< 0.65 0	0 0
Trihalomethanes (Total by Calculation)	D011	100 µg/l	94	0	0	67.2	0
Totals:			3,225	0			

Table HDC 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	215	0	< 14	41.84	0
Colour	A001	20 mg/l Pt/Co	242	0	< 0.7	< 2.2	0
Iron (Total)	A022	200 µg Fe/l	215	0	< 8	76.56	0
Manganese (Total)	A023	50 µg Mn/l	214	0	< 0.7	4.38	0
Odour	A003	0 Dilution number at 25°C	241	1	0	0	1
Sodium (Total)	A009	200 mg Na/l	94	0	4.3	41	0
Taste (Taste Quant)	A004	0 Dilution number at 25°C	241	0	0	0	0
Tetrachloromethane (Total)	D008	3 µg/l	19	0	< 0.19	< 0.19	0
Turbidity	A002	4 NTU	242	0	< 0.12	< 0.24	0
Totals:			1,723	1			

Table HDC 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 NH ₄ /l	243	0	< 0.047	< 0.064
Chloride	D002A	250 mg Cl/l	19	0	5.3	52.5
Clostridium Perfringens (Sulphite-reducing Clostridia) (Confirmed)	C004A	0 number/100 ml	43	0	0	0
Coliform Bacteria (Indicator)	C001A	0 number/100 ml	517	1	0	0
Colony Counts After 3 Days At 22°C (Colony Counts)	C007	No abnormal change	243	-n/a	0	32
Colony Counts After 48 Hours At 37°C (Colony Counts)	C013	No abnormal change	243	-n/a	0	59
Conductivity (Electrical Conductivity)	D001	2500 µS/cm at 20°C	44	0	46.7	514
Gross Alpha	F004	0.1 Bq/l	1	0	< 0.034	< 0.034
Gross Beta	F005	1 Bq/l	1	0	< 0.018	< 0.018
Hydrogen ion (pH) - Indicator (Hydrogen ion) (pH)	A006	6.5 - 9.5 pH Value	242	0	6.9386	8.1999
Residual Disinfectant - Free	C009	No abnormal change	517	-n/a	0.04	0.61
Sulphate	A007	250 mg SO ₄ /l	19	0	5.7	44.1
Total Organic Carbon	A017	No abnormal change	19	-n/a	< 0.8	2.5
Tritium	F006	100 Bq/l	1	0	< 3	< 3
Totals:			2,152	1		