

BRITTY HILL WATER SUPPLY ZONE

**1st January to 31st December
2020**

Component Name	No of samples taken	Samples Contravening PCV	Maximum	Mean	Minimum	PCV	Units
1,1,1-Trichloroethane	8	0	0.60	0.60	0.60	No Limit	µg/l
1,2-Dichloroethane	8	0	0.12	0.12	0.12	3	µg/l
Aluminium	8	0	13.30	8.49	6.00	200	µg Al/l
Ammonium (Ammonia and Ammonium Ions)	24	0	0.03	0.02	0.02	0.5	mg NH4/l
Antimony	8	0	0.20	0.20	0.20	5	µg Sb/l
Arsenic	8	0	6.00	3.74	1.00	10	µg As/l
Benzene	8	0	0.02	0.02	0.02	1	µg/l
Benzo[1,1,2]fluoranthene	8	0	0.00	0.00	0.00	0.1	µg/l
Benzo[1,1,2]perylene	8	0	0.00	0.00	0.00	0.1	µg/l
Benzo[3,4]fluoranthene	8	0	0.00	0.00	0.00	0.1	µg/l
Benzo (a) pyrene	8	0	0.00	0.00	0.00	0.01	µg/l
Bromate	8	0	0.80	0.80	0.80	10	µg BrO3/l
Cadmium	8	0	0.12	0.12	0.12	5	µg Cd/l
Calcium	8	0	106.70	56.60	47.20	No Limit	mg Ca/l
Chloride	8	0	39.03	21.19	16.40	250	mg Cl/l
Chromium	8	0	1.30	0.76	0.50	50	µg Cr/l
Clostridium perfringens (including spore)	8	0	0.00	0.00	0.00	0	cfu/100ml
Colony Count 3days at 22°C	25	0	4.00	0.16	0.00	No Abnormal Change	cfu/ml
Colony Count 48hrs at 37°C	5	0	1.00	0.20	0.00	No Abnormal Change	cfu/ml
Colour	24	0	1.00	1.00	1.00	20	mg/l Pt/Co
Conductivity	24	0	571.00	319.00	263.00	2,500	µS/cm
Copper	8	0	0.09	0.04	0.01	2	mg Cu/l
Dibromochloromethane	8	0	8.33	1.48	0.50	100	µg/l
Dichlorobromomethane	8	0	9.56	1.57	0.43	100	µg/l
E coli	36	0	0.00	0.00	0.00	0	mpn/100ml
Enterococci	8	0	0.00	0.00	0.00	0	cfu/100ml
Fluoride	8	0	0.21	0.19	0.12	1.5	mg F/l
Hydrogen Ion (pH)	24	0	7.90	7.70	7.40	9.5	pH_unit
Indeno(1,2,3-cd)Pyrene	8	0	0.00	0.00	0.00	0.1	µg/l
Iron	8	0	22.20	9.24	4.00	200	µg Fe/l
Lead	8	0	1.30	0.90	0.50	10	µg Pb/l
Magnesium	8	0	3.90	2.98	2.60	No Limit	mg Mg/l
Manganese	8	0	1.70	1.70	1.70	50	µg Mn/l
Nickel	8	0	3.50	1.26	0.30	20	µg Ni/l
Nitrate	8	0	23.90	3.86	1.00	50	mg NO3/l
Nitrite	8	0	0.00	0.00	0.00	0.5	mg NO2/l
Nitrite/Nitrate formula	8	0	0.48	0.06	0.00	1	
Odour - Quantitative	24	0	0.00	0.00	0.00	1	Dil No
Polycyclic Aromatic Hydrocarbons	8	0	0.00	0.00	0.00	0.1	µg/l
Residual Disinfectant - Free	36	0	0.64	0.43	0.05	No Limit	mg/l
Residual Disinfectant - Total	36	0	0.65	0.48	0.20	No Limit	mg/l
Selenium	8	0	1.00	0.83	0.80	10	µg Se/l
Sodium	8	0	18.40	9.43	7.40	200	mg Na/l
Taste - Quantitative	24	0	0.00	0.00	0.00	1	Dil No
Tetrachloroethene	8	0	0.15	0.15	0.15	10	µg/l
Tetrachloroethene/ Trichloroethene - Sum	8	0	0.00	0.00	0.00	10	µg/l
Total coliforms	36	0	0.00	0.00	0.00	0	mpn/100ml

Component Name	No of samples taken	Samples Contravening PCV	Maximum	Mean	Minimum	PCV	Units
Total Trihalomethanes	8	0	32.50	4.21	0.00	100	µg/l
Tribromomethane	8	0	2.76	0.87	0.60	100	µg/l
Trichloroethene	8	0	0.10	0.10	0.10	10	µg/l
Trichloromethane	8	0	11.85	1.92	0.50	100	µg/l
Turbidity	24	0	0.15	0.10	0.10	4	NTU
	Sum:	0					

Results for Free and Total Chlorine are listed as Residual Disinfectant Free and Total

The data provided is a summary of all the results of regulatory tests that were carried out on samples taken during the given period at customers' taps. All samples taken proved satisfactory and comply with the requirements of the Water Supply (Water Quality) Regulations 2018.

BRITTY HILL PUMPING STATION

1st January to 31st December

2020

Component Name	No of samples taken	Samples Contravening PCV	Maximum	Mean	Minimum	PCV	Units
2,4,5-T	8	0	0.01	0.01	0.01	0.1	µg/l
2,4-D	8	0	0.01	0.01	0.01	0.1	µg/l
Aldrin	10	0	0.01	0.01	0.00	0.03	µg/l
Atrazine	10	0	0.00	0.00	0.00	0.1	µg/l
Bentazone	8	0	0.01	0.01	0.01	0.1	µg/l
Boron	8	0	0.04	0.04	0.04	1	mg B/l
Bromate	8	0	0.80	0.80	0.80	10	µg BrO3/l
Bromoxynil	8	0	0.01	0.01	0.01	0.1	µg/l
Carbendazim	10	0	0.00	0.00	0.00	0.1	µg/l
Carbetamide	10	0	0.00	0.00	0.00	0.1	µg/l
Cyanide	8	0	3.60	2.20	2.00	50	µg CN/l
Dicamba	8	0	0.02	0.02	0.02	0.1	µg/l
Dichlobenil	9	0	0.01	0.01	0.00	0.1	µg/l
Dichlorprop	8	0	0.00	0.00	0.00	0.1	µg/l
Dieldrin	9	0	0.01	0.01	0.01	0.03	µg/l
Diuron	10	0	0.00	0.00	0.00	0.1	µg/l
Epoxiconazole	10	0	0.00	0.00	0.00	0.1	µg/l
Fluroxypyr	8	0	0.01	0.01	0.01	0.1	µg/l
Flutriafol	10	0	0.00	0.00	0.00	0.1	µg/l
Gamma-HCH (Lindane)	9	0	0.01	0.01	0.01	0.1	µg/l
Heptachlor	10	0	0.01	0.01	0.01	0.03	µg/l
Heptachlor Epoxide	9	0	0.00	0.00	0.00	0.03	µg/l
Isoproturon	10	0	0.00	0.00	0.00	0.1	µg/l
Linuron	10	0	0.00	0.00	0.00	0.1	µg/l
MCPA	8	0	0.01	0.01	0.01	0.1	µg/l
MCPB	8	0	0.01	0.01	0.01	0.1	µg/l
Mecoprop (MCP)	8	0	0.01	0.01	0.01	0.1	µg/l
Mercury	8	0	0.04	0.04	0.04	1	µg Hg/l
Metaldehyde	8	0	0.01	0.01	0.01	0.1	µg/l
Oxadixyl	10	0	0.00	0.00	0.00	0.1	µg/l
Pendimethalin	10	0	0.01	0.01	0.01	0.1	µg/l
Pesticides - Total Substances	10	0	0.00	0.00	0.00	0.5	µg/l
Prometryn	10	0	0.00	0.00	0.00	0.1	µg/l
Propazine	10	0	0.00	0.00	0.00	0.1	µg/l
Propyzamide	9	0	0.01	0.01	0.01	0.1	µg/l
Simazine	10	0	0.00	0.00	0.00	0.1	µg/l
Sulphate	8	0	17.60	16.94	16.40	250	mg SO4/l
Total Organic Carbon	8	0	0.50	0.33	0.30	No Abnormal Change	mg C/l
Tri-allate	9	0	0.01	0.01	0.01	0.1	µg/l
Triclopyr	8	0	0.02	0.02	0.02	0.1	µg/l
Trietazine	10	0	0.00	0.00	0.00	0.1	µg/l
Sum:		0					

The data provided is a summary of all the results of regulatory tests that were carried out on samples taken during the given period at Supply Points. All samples taken proved satisfactory and comply with the requirements of the Water Supply (Water Quality) Regulations 2018.