

## MILL GAP 1 WATER SUPPLY ZONE

January 1st 2023 to December 31st 2023

Component Name	No of samples taken	Samples Contravening PCV	Maximum	Mean	Minimum	PCV	Units
1,2-Dichloroethane	8	0	0.12	0.12	0.12	3	µg / l
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	8	0	0.01	0.01	0.01	0.03	µg / l
Alkalinity	4	0	276.00	271.50	268.00	No PCV	mg/l
Aluminium	24	0	6.10	6.06	6.00	200	µg / l
Ammonium (Ammonia and Ammonium Ions)	8	0	0.02	0.02	0.02	0.5	mg/l
Antimony	8	0	0.20	0.20	0.20	5	µg / l
Arsenic	8	0	1.00	1.00	1.00	10	µg / l
Atrazine	8	0	0.01	0.00	0.00	0.1	µg / l
Bentazone	8	0	0.01	0.01	0.01	0.1	µg / l
Benzene	8	0	0.02	0.02	0.02	1	µg / l
Benzo (a) pyrene	8	0	0.00	0.00	0.00	0.01	µg / l
Boron	8	0	0.05	0.04	0.04	1	mg/l
Bromate	8	0	0.80	0.80	0.80	10	µg / l
Bromoxynil	8	0	0.01	0.01	0.01	0.1	µg / l
Cadmium	8	0	0.12	0.12	0.12	5	µg / l
Calcium	4	0	111.40	109.40	106.30	No PCV	mg/l
Carbendazim	8	0	0.00	0.00	0.00	0.1	µg / l
Carbetamide	8	0	0.00	0.00	0.00	0.1	µg / l
Chloride	8	0	56.03	47.24	39.73	250	mg/l
Chlortoluron	8	0	0.00	0.00	0.00	0.1	µg / l
Chromium	8	0	0.80	0.59	0.50	50	µg / l
Clostridium perfringens (including spore)	8	0	0.00	0.00	0.00	0	cfu/100ml
Colony Count 3 Days at 22°C	24	0	40.00	2.88	0.00	No Abnormal Change	cfu/ml
Colour	24	0	2.00	2.00	2.00	20	mg/l Pt/Co
Conductivity	24	0	619.00	541.13	445.00	2500	uS/cm
Dicamba	8	0	0.02	0.02	0.02	0.1	µg / l
Dichlobenil	8	0	0.01	0.01	0.01	0.1	µg / l
Dichlorprop	8	0	0.00	0.00	0.00	0.1	µg / l
Dieldrin	8	0	0.01	0.01	0.01	0.03	µg / l
Diuron	8	0	0.00	0.00	0.00	0.1	µg / l
E coli	62	0	0.00	0.00	0.00	0	mpn/100ml
Enterococci	8	0	0.00	0.00	0.00	0	cfu/100ml
Epoxiconazole	8	0	0.00	0.00	0.00	0.1	µg / l
First Draw Copper	8	0	0.19	0.09	0.03	2	mg/l
First Draw Lead	8	0	1.20	0.94	0.90	10	µg / l
First Draw Nickel	8	0	1.80	1.14	0.70	20	µg / l
Fluoride	8	0	0.12	0.09	0.06	1.5	mg/l
Fluroxypyr	8	0	0.01	0.01	0.01	0.1	µg / l
Flutriafol	8	0	0.00	0.00	0.00	0.1	µg / l
Gamma-HCH (Lindane)	8	0	0.01	0.01	0.01	0.1	µg / l
Heptachlor	8	0	0.01	0.01	0.01	0.03	µg / l
Heptachlor Epoxide	8	0	0.00	0.00	0.00	0.03	µg / l
Hydrogen Ion (pH)	24	0	7.90	7.63	7.40	range 6.5-9.5	pH_unit
Iron	24	0	7.30	7.30	7.30	200	µg / l
Isoproturon	8	0	0.00	0.00	0.00	0.1	µg / l
Linuron	8	0	0.00	0.00	0.00	0.1	µg / l
Magnesium	4	0	4.30	3.98	3.70	No PCV	mg/l
Manganese	24	0	1.70	1.70	1.70	50	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 / l
Metaldehyde	8	0	0.01	0.01	0.01	0.1	µg / l
Nitrate	8	0	33.20	31.09	28.30	50	mg/l
Nitrite	8	0	0.00	0.00	0.00	0.5	mg/l
Nitrite/Nitrate	8	0	0.66	0.62	0.57	1	mg/l
Odour - Quantitative	24	0	0.00	0.00	0.00	1	Dil No
Oxadixyl	8	0	0.00	0.00	0.00	0.1	µg / l
PAH Total	8	0	0.00	0.00	0.00	0.1	ug/l
Pendimethalin	8	0	0.01	0.01	0.01	0.1	µg / l

Component Name	No of samples taken	Samples Contravening PCV	Maximum	Mean	Minimum	PCV	Units
<b>Pesticides - Total Substances</b>	8	0	0.01	0.00	0.00	0.5	ug/l
Prometryn	8	0	0.00	0.00	0.00	0.1	µg / l
Propazine	8	0	0.00	0.00	0.00	0.1	µg / l
Propyzamide	8	0	0.01	0.01	0.01	0.1	µg / l
Residual Disinfectant- Free	60	0	0.54	0.24	0.05	No Limit	mg/l
Residual Disinfectant- Total	60	0	0.62	0.32	0.08	No Limit	mg/l
Selenium	8	0	1.00	0.83	0.80	10	µg / l
Simazine	8	0	0.00	0.00	0.00	0.1	µg / l
Sodium	8	0	27.90	22.88	17.60	200	mg/l
Sulphate	8	0	41.40	24.73	12.60	250	mg/l
Taste - Quantitative	24	0	0.00	0.00	0.00	1	Dil No
Terbutryn	8	0	0.00	0.00	0.00	0.1	µg / l
Tetrachloroethene/ Trichloroethene- Sum	8	0	0.00	0.00	0.00	10	µg / l
Tetrachloromethane	8	0	0.11	0.11	0.11	100	µg / l
Total Coliforms	62	0	0.00	0.00	0.00	0	mpn/100ml
Total Cyanide	8	0	4.10	4.10	4.10	50	µg / l
Total Hardness	4	0	131.10	111.70	102.70	No PCV	mg/l
Total Organic Carbon	8	0	0.70	0.53	0.40	No Abnormal Change	mg/l
Total Trihalomethanes	8	0	17.29	14.57	9.38	100	µg / l
Tri-allate	8	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	8	0	0.00	0.00	0.00	0.1	µg / l
Turbidity	24	0	0.25	0.14	0.12	4	NTU
<b>Sum:</b>	<b>0</b>	<b>0</b>					

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.

Component Name	mg/l Ca	mg/l CaCO3	Clark Degrees	French Degrees	German Degrees
<b>Total Hardness</b>	111.70	279.25	19.55	27.93	15.64