

**MALDERS WATER SUPPLY ZONE**

1st January to 31st December  
2016

Component Name	No of samples taken	Samples Contravening PCV	Maximum	Mean	Minimum	PCV	Units
1,1,1-Trichloroethane	8	0	2.08	0.99	0.18	No Limit	µg/l
1,2-Dichloroethane	8	0	0.04	0.04	0.03	3	µg/l
Aluminium	27	0	5.10	4.83	4.40	200	µg Al/l
Ammonium (Ammonia and Ammonium Ions)	27	0	0.03	0.03	0.03	0.5	mg NH4/l
Antimony	8	0	0.13	0.09	0.05	5	µg Sb/l
Arsenic	8	0	0.50	0.50	0.50	10	µg As/l
Benzene	8	0	0.02	0.01	0.01	1	µg/l
Benzo[11,12]fluoranthene	8	0	0.00	0.00	0.00	0.1	µg/l
Benzo[1,12]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
Cadmium	8	0	0.08	0.07	0.06	5	µg Cd/l
Calcium	8	0	140.30	134.63	126.30	No Limit	mg Ca/l
Chloride	8	0	50.17	39.92	28.38	250	mg Cl/l
Chromium	8	0	4.70	2.95	0.30	50	µg Cr/l
Colony Count 3days at 22°C	157	0	101.00	1.39	0.00	No Abnormal Change	cfu/ml
Colony Count 48hrs at 37°C	157	0	300.00	2.57	0.00	No Abnormal Change	cfu/ml
Colour	53	0	3.00	1.04	1.00	20	mg/l Pt/Co
Conductivity	53	0	747.00	648.49	529.00	2,500	µS/cm
Copper	8	0	0.13	0.06	0.01	2	mg Cu/l
Dibromochloromethane	8	0	6.63	2.20	0.63	100	µg/l
Dichlorobromomethane	8	0	4.76	1.03	0.25	100	µg/l
E coli	157	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	0.20	0.18	1.5	mg F/l
Hydrogen Ion (pH)	53	0	8.10	7.57	7.10	10	pH_unit
Indeno(1,2,3-cd)Pyrene	8	0	0.00	0.00	0.00	0.1	µg/l
Iron	27	0	26.70	7.32	3.00	200	µg Fe/l
Lead	8	0	1.30	0.73	0.50	10	µg Pb/l
Magnesium	8	0	4.00	3.45	3.10	No Limit	mg Mg/l
Manganese	27	0	1.20	0.98	0.90	50	µg Mn/l
Nickel	8	0	4.90	4.06	3.00	20	µg Ni/l
Nitrate	8	0	37.70	34.74	28.80	50	mg NO3/l
Nitrite	8	0	0.01	0.01	0.01	0.5	mg NO2/l
Nitrite/Nitrate formula	8	0	0.75	0.69	0.58	1	
Odour - Quantitative	51	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	157	0	0.81	0.36	0.13	No Limit	mg/l
Residual Disinfectant - Total	157	0	0.95	0.43	0.15	No Limit	mg/l
Selenium	8	0	1.93	1.50	0.99	10	µg Se/l
Sodium	8	0	28.00	20.53	3.10	200	mg Na/l
Taste - Quantitative	52	0	0.00	0.00	0.00	1	
Tetrachloroethene	8	0	3.49	1.44	0.54	10	µg/l
Tetrachloroethene/ Trichloroethene - Sum	8	0	4.10	1.76	0.70	10	µg/l
Total coliforms	157	0	0.00	0.00	0.00	0	mpn/100ml
Total Trihalomethanes	8	0	18.60	6.86	2.80	100	µg/l
Tribromomethane	8	0	4.37	2.24	0.66	100	µg/l
Trichloroethene	8	0	0.61	0.32	0.16	10	µg/l

Component Name	No of samples taken	Samples Contravening PCV	Maximum	Mean	Minimum	PCV	Units
Trichloromethane	8	0	3.64	1.39	0.17	100	µg/l
Turbidity	54	0	0.12	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 2016.

**MAIDENHEAD PUMPING STATION (COLLEGE AVE) SUPPLY POINT**

1st January to 31st December

2016

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	9	0	0.01	0.01	0.01	0.03	µg/l
Atrazine	8	0	0.04	0.02	0.02	0.1	µg/l
Bentazone	8	0	0.01	0.01	0.01	0.1	µg/l
Boron	8	0	0.12	0.10	0.03	1	mg B/l
Bromate	8	0	0.40	0.40	0.40	10	µg BrO3/l
Bromoxynil	8	0	0.01	0.01	0.01	0.1	µg/l
Carbendazim	8	0	0.01	0.01	0.01	0.1	µg/l
Carbetamide	8	0	0.01	0.01	0.01	0.1	µg/l
Clostridium perfringens (including spore)	104	0	0.00	0.00	0.00	0	cfu/100ml
Cyanide	8	0	2.00	2.00	2.00	50	µg CN/l
Dicamba	8	0	0.01	0.01	0.01	0.1	µg/l
Dichlobenil	9	0	0.01	0.01	0.01	0.1	µg/l
Dichlorprop	8	0	0.01	0.01	0.01	0.1	µg/l
Dieldrin	9	0	0.01	0.01	0.01	0.03	µg/l
Diuron	8	0	0.01	0.01	0.01	0.1	µg/l
Epoxiconazole	8	0	0.01	0.01	0.01	0.1	µg/l
Fluroxypyr	8	0	0.01	0.01	0.01	0.1	µg/l
Flutriafol	8	0	0.01	0.01	0.01	0.1	µg/l
Gamma-HCH (Lindane)	9	0	0.01	0.01	0.01	0.1	µg/l
Heptachlor	9	0	0.01	0.01	0.01	0.03	µg/l
Heptachlor Epoxide	9	0	0.01	0.01	0.01	0.03	µg/l
Isoproturon	8	0	0.01	0.01	0.01	0.1	µg/l
Linuron	8	0	0.01	0.01	0.01	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	0.02	0.02	0.02	1	µg Hg/l
Metaldehyde	8	0	0.01	0.01	0.01	0.1	µg/l
Oxadixyl	8	0	0.01	0.01	0.01	0.1	µg/l
Pendimethalin	8	0	0.01	0.01	0.01	0.1	µg/l
Pesticides - Total Substances	8	0	0.07	0.04	0.02	0.5	µg/l
Prometryn	8	0	0.01	0.01	0.01	0.1	µg/l
Propazine	8	0	0.01	0.01	0.01	0.1	µg/l
Propyzamide	9	0	0.01	0.01	0.01	0.1	µg/l
Simazine	8	0	0.02	0.01	0.01	0.1	µg/l
Sulphate	8	0	55.10	52.44	51.30	250	mg SO4/l
Total Organic Carbon	8	0	2.50	1.24	0.60	No Abnormal Change	mg C/l
Tri-allate	9	0	0.01	0.01	0.01	0.1	µg/l
Triclopyr	8	0	0.01	0.01	0.01	0.1	µg/l
Trietazine	8	0	0.01	0.01	0.01	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 2016.