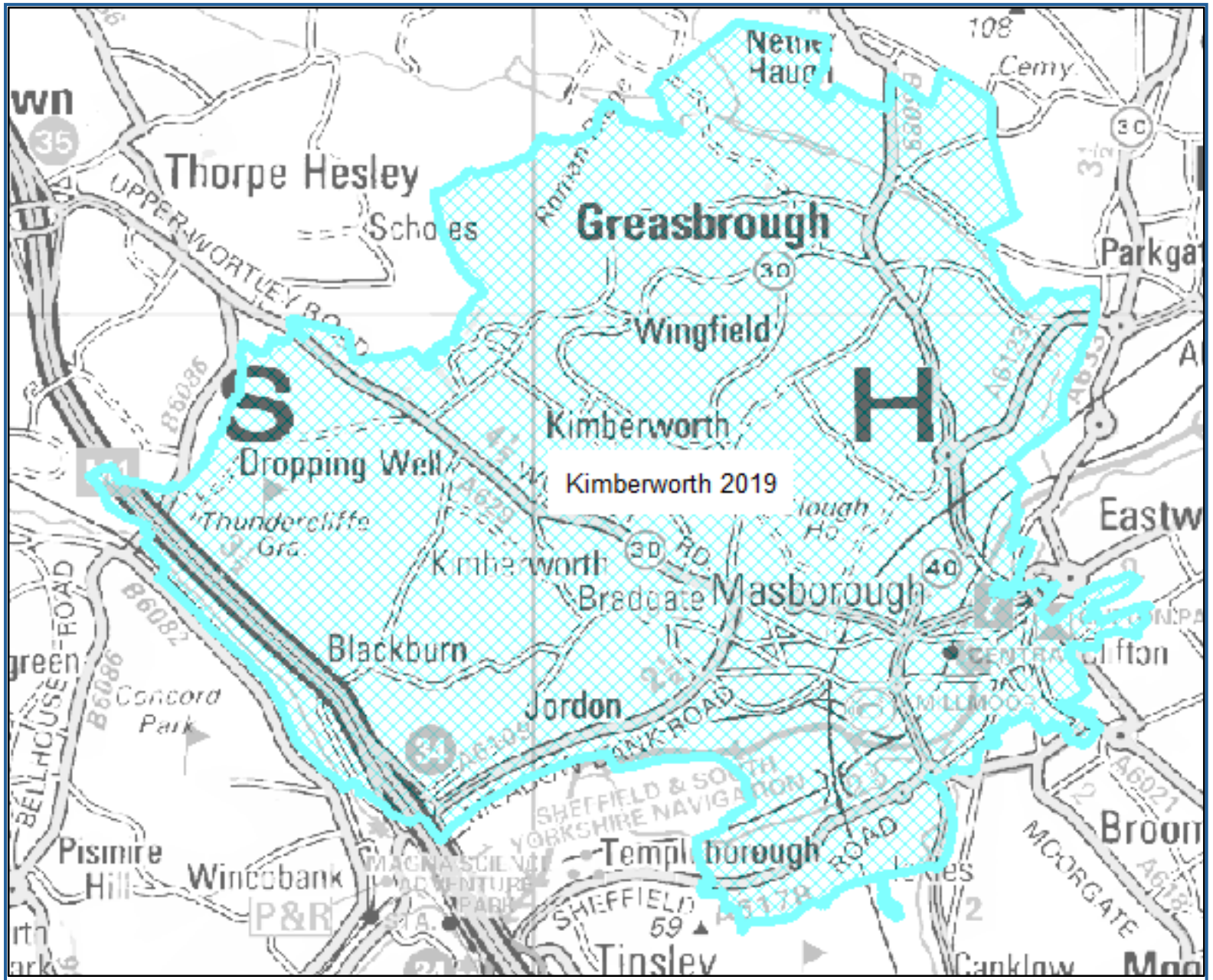
KIMBERWORTH 2019 (3804219) WATER SUPPLY ZONE.

COMMENTARY ON WATER QUALITY

The water supplied to the zone is classified as being soft to very hard water, which is river/reservoir derived. As we have a grid system in place whereby we can move water around the Yorkshire region as required, occasionally the hardness of your water may vary.

No fluoride is added to the water. Any fluoride that is there is naturally occurring.

The geographical area covered by this Water Supply Zone is show below:



(Ody) COPYRIGHT STATEMENTS: Based upon Ordnance Survey map data with the permission of the Controller of HMSO, (c) Crown Copyright. Licence No. 100019559. Copyright for additional WSZ boundary data shown on this map rests with Yorkshire Water.

Yorkshire Water Services **Reporting Period: 01-01-2025 to 31-12-2025**

Water Supply Zone: Kimberworth 2019 **Population 40300**

ParameterName:	Std	Und Std	Units	No of Samples taken	No of Fails	% Fails	No of Fails (Und)	% Fails (Und)	Min	Mean	Max
Colony Counts After 3 Days At 22øc	-		no'/ml	36	0	0.00%	0	0.00%	0	0.1	5
E. coli	0		no'/100 ml	107	0	0.00%	0	0.00%	0	0	0
Enterococci	0		no'/100 ml	8	0	0.00%	0	0.00%	0	0	0
Residual Disinfectant - Free	-		mg/l	107	0	0.00%	0	0.00%	0.02	0.25	0.55
Residual Disinfectant - Total	-		mg/l	107	0	0.00%	0	0.00%	0.07	0.36	0.66
Total coliforms(Indicator)	0		no'/100 ml	107	0	0.00%	0	0.00%	0	0	0
1,2 Dichloroethane	3		µg/l	8	0	0.00%	0	0.00%	< 0.16	< 0.2	< 0.16
Aluminium	200		µg Al/l	36	0	0.00%	0	0.00%	< 5.86	< 10.849	60.7
Ammonium(ammonia and ammonium ions)	0.5		mg NH4/l	36	0	0.00%	0	0.00%	< 0.008	< 0.0142	0.032
Antimony	5		µg Sb/l	8	0	0.00%	0	0.00%	< 0.09	< 0.1012	0.12
Arsenic	10		µg As/l	8	0	0.00%	0	0.00%	0.13	0.1925	0.27
Benzene	1		µg/l	8	0	0.00%	0	0.00%	< 0.06	< 0.06	< 0.06
Benzo 3,4 pyrene	0.01		ug/l	8	0	0.00%	0	0.00%	< 0.00042	0.0005	0.00073
Boron	1		mg B/l	8	0	0.00%	0	0.00%	< 0.011	0.0294	0.032
Bromate	10		µg BrO3/l	8	0	0.00%	0	0.00%	0.2	1.025	2.3
Cadmium	5		µg Cd/l	8	0	0.00%	0	0.00%	< 0.011	0.0189	0.03
Chloride	250		mg Cl/l	8	0	0.00%	0	0.00%	24.4	30.4625	38.9
Chromium	50		µg Cr/l	8	0	0.00%	0	0.00%	< 0.13	< 0.1362	< 0.18
Colour	20		mg/l Pt/Co scale	36	0	0.00%	0	0.00%	< 3	< 3	< 3
Conductivity	2500		µS/cm	36	0	0.00%	0	0.00%	184	436.81	673
Copper	2		mg Cu/l	8	0	0.00%	0	0.00%	0.00087	0.0501	0.33059
Cyanide	50		µg CN/l	8	0	0.00%	0	0.00%	< 1.2	< 1.2	< 1.2
Fluoride	1.5		mg F/l	8	0	0.00%	0	0.00%	0.06	0.168	0.88
Hydrogen Ion (pH)	6.5 - 9.5		pH value	36	0	0.00%	0	0.00%	6.95	7.33	8.06
Iron	200		µg Fe/l	36	1	2.78%	0	0.00%	< 3.72	37.72	454
Lead	10		µg/l	8	0	0.00%	0	0.00%	< 0.06	1.006	7.35
Manganese	50		µg Mn/l	36	0	0.00%	0	0.00%	< 0.35	2.3	16.5
Mercury	1		µg Hg/l	8	0	0.00%	0	0.00%	< 0.04	< 0.05	< 0.06
Nickel	20		µg Ni/l	8	0	0.00%	0	0.00%	0.49	1.264	2.16
Nitrate	50		mg NO3/l	8	0	0.00%	0	0.00%	< 2.46	11.9238	22.3
Nitrite - Consumer's Taps	0.5		mg/l NO2	8	0	0.00%	0	0.00%	< 0.003	< 0.0042	< 0.008

Water Supply Zone: Kimberworth 2019 **Population** **40300**

ParameterName:	Std	Und Std	Units	No of Samples taken	No of Fails	% Fails	No of Fails (Und)	% Fails (Und)	Min	Mean	Max
Nitrite/ Nitrate formula	1		mg/l	8	0	0.00%	0	0.00%	0	0.23	0.45
Odour	0		dilution number	36	0	0.00%	0	0.00%	0	0	0
Polycyclic Aromatic Hydrocarbons (PAHs)	0.1		µg/l	8	0	0.00%	0	0.00%	0	0	0
Selenium	10		µg Se/l	8	0	0.00%	0	0.00% <	0.25 <	0.259 <	0.32
Sodium	200		mg Na/l	8	0	0.00%	0	0.00%	14.3	18.56	23.8
Sulphate	250		mg SO4/l	8	0	0.00%	0	0.00%	33	89.9125	163
Taste	0		dilution number	36	0	0.00%	0	0.00%	0	0	0
Tetrachloroethene/Trichlorethene - Sum	10		µg/l	8	0	0.00%	0	0.00%	0	0	0
Tetrachloromethane	3		µg/l	8	0	0.00%	0	0.00% <	0.16 <	0.16 <	0.16
Total organic carbon	-		mg C/l	8	0	0.00%	0	0.00%	1.18	1.551	2.1
Total Trihalomethanes (THM's)	100		µg/l	8	0	0.00%	0	0.00%	23.61	30.6225	38.89
Turbidity	4		NTU	36	0	0.00%	0	0.00% <	0.11 <	0.175	1.27
Calcium	-		mg Ca/l	8	0	0.00%	0	0.00%	16.9	60.5375	109
Magnesium	-		mg Mg/l	8	0	0.00%	0	0.00%	1.75	5.035	8.75
Total Hardness	-		mg Ca/l	8	0	0.00%	0	0.00%	19.8	68.9375	124
2,4,5-T	0.1		µg/l	8	0	0.00%	0	0.00% <	0.013 <	0.013 <	0.013
2,4-D	0.1		µg/l	8	0	0.00%	0	0.00% <	0.01 <	0.01 <	0.01
2,4-DB	0.1		µg/l	8	0	0.00%	0	0.00% <	0.012 <	0.012 <	0.012
Aldrin	0.03		µg/l	8	0	0.00%	0	0.00% <	0.008 <	0.009 <	0.016
Atrazine	0.1		µg/l	8	0	0.00%	0	0.00% <	0.006 <	0.006 <	0.006
Azoxystrobin	0.1		µg/l	8	0	0.00%	0	0.00% <	0.006 <	0.006 <	0.006
Bentazone	0.1		µg/l	8	0	0.00%	0	0.00% <	0.004 <	0.004 <	0.004
Bixafen	0.1		µg/l	8	0	0.00%	0	0.00% <	0.012 <	0.012 <	0.012
Boscalid	0.1		µg/l	8	0	0.00%	0	0.00% <	0.008 <	0.008 <	0.008
Bromacil	0.1		µg/l	8	0	0.00%	0	0.00% <	0.011 <	0.011 <	0.011
Bromoxynil	0.1		µg/l	8	0	0.00%	0	0.00% <	0.007 <	0.007 <	0.007
Carbetamide	0.1		µg/l	8	0	0.00%	0	0.00% <	0.009 <	0.009 <	0.009
Chlormequat	0.1		µg/l	8	0	0.00%	0	0.00% <	0.008 <	0.008 <	0.008
Chlorpropham	0.1		µg/l	8	0	0.00%	0	0.00% <	0.009 <	0.0101 <	0.018
Chlorpyrifos	0.1		µg/l	8	0	0.00%	0	0.00% <	0.008 <	0.009 <	0.016
Chlortoluron	0.1		µg/l	8	0	0.00%	0	0.00% <	0.005 <	0.005 <	0.005
Clomazone	0.1		µg/l	8	0	0.00%	0	0.00% <	0.007 <	0.0079 <	0.014

Water Supply Zone: Kimberworth 2019 **Population 40300**

ParameterName:	Std	Und Std	Units	No of Samples taken	No of Fails	% Fails	No of Fails (Und)	% Fails (Und)	Min	Mean	Max
Clopyralid	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.012	0.0131	0.021
Cyanazine	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.007	< 0.007	0.007
Cypermethrin	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.008	< 0.009	0.016
Cyproconazole	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.006	< 0.006	0.006
Diazinon	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.007	< 0.0079	0.014
Dicamba	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.011	< 0.011	0.011
Dichlobenil	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.004	< 0.0045	0.008
Dichlorprop	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.006	< 0.006	0.006
Dieldrin	0.03		µg/l	8	0	0.00%	0	0.00%	< 0.009	< 0.0101	0.018
Difenconazole	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.009	< 0.009	0.009
Diflufenican	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.009	< 0.0101	0.018
Diuron	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.009	< 0.009	0.009
Epoxiconazole	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.006	< 0.006	0.006
EPTC	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.022	< 0.022	0.022
Flufenacet	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.008	0.0106	0.019
Fluroxypyr	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.011	< 0.011	0.011
Flurtamone	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.007	< 0.007	0.007
Flusilazole	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.009	< 0.009	0.009
Flutriafol	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.005	< 0.005	0.005
Fluxapyroxad	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.01	< 0.01	0.01
Gamma-HCH (Lindane)	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.005	< 0.0056	0.01
Heptachlor	0.03		µg/l	8	0	0.00%	0	0.00%	< 0.005	< 0.005	0.005
Heptachlor epoxide	0.03		µg/l	8	0	0.00%	0	0.00%	< 0.007	< 0.0079	0.014
Imazapyr	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.006	< 0.006	0.006
Ioxynil	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.004	< 0.004	0.004
Isoproturon	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.005	< 0.005	0.005
Linuron	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.009	< 0.009	0.009
MCPA	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.008	< 0.008	0.008
Mecoprop-P	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.01	< 0.01	0.01
Mepiquat chloride	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.008	< 0.008	0.008
Metaldehyde	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.006	< 0.006	0.006
Metamitron	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.008	< 0.008	0.008
Metazachlor	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.005	< 0.005	0.005
Metobromuron	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.01	< 0.01	0.01

Yorkshire Water Services **Reporting Period: 01-01-2025 to 31-12-2025**

Water Supply Zone: Kimberworth 2019 **Population 40300**

ParameterName:	Std	Und Std	Units	No of Samples taken	No of Fails	% Fails	No of Fails (Und)	% Fails (Und)	Min	Mean	Max
Monuron	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.005	< 0.005	0.005
op'-DDD (TDE)	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.005	< 0.0056	0.01
op'-DDE	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.005	< 0.0056	0.01
op'-DDT	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.004	< 0.0045	0.008
Oxadixyl	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.012	< 0.012	0.012
Pendimethalin	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.009	< 0.009	0.009
Pesticides - Total Substances	0.5		µg/l	8	0	0.00%	0	0.00%	0	0.0072	0.021
pp'-DDD (TDE)	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.005	< 0.0056	0.01
pp'-DDE	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.005	< 0.0056	0.01
pp'-DDT	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.004	< 0.0045	0.008
Propachlor	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.007	< 0.007	0.007
Propamocarb	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.004	< 0.004	0.004
Propham	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.005	< 0.0056	0.01
Propiconazole	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.009	< 0.009	0.009
Propyzamide	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.009	< 0.0101	0.018
Prosulfocarb	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.006	< 0.006	0.006
Prothioconazole-desthio	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.007	< 0.007	0.007
Quinmerac	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.006	< 0.006	0.006
Simazine	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.005	< 0.005	0.005
Tebuconazole	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.006	< 0.006	0.006
Tri-allate	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.006	< 0.0068	0.012
Trichlopyr	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.019	< 0.019	0.019
Trietazine	0.1		µg/l	8	0	0.00%	0	0.00%	< 0.005	< 0.005	0.005

Notes:

1) Qualified values are taken at face value in all calculations.

2) Any infringements of the regulatory standard are thoroughly investigated and are reported to the Drinking Water Inspectorate (DWI), with remedial actions put in place where necessary.

3) Details of undertakings and notices (Improvement programmes) applicable can be obtained from the DWI website: Yorkshire Water Improvement Programmes - Drinking Water Inspectorate