

**THAMES WATER UTILITIES**  
**WATER QUALITY REPORT - 2014 DATA**

<b>Water Supply Zone:</b> SLE 4 BROMLEY TOWN			<b>Zone No.:</b> 62			<b>Population:</b> 63584		
<b>Time Period:</b> 01/01/2014 to 31/12/2014			<b>Concentration or Value (all samples)</b>			<b>No. of Samples</b>		
<b>Date extracted:</b> 10/04/2015								
Parameter	Units	PCV	Min.	Mean	Max.	Total	Contra-vening	% of samples contravening PCV
Coliform bacteria	no./100ml	0	0	0	0	156	0	0
<i>E. coli</i>	no./100ml	0	0	0	0	156	0	0
<i>Enterococci</i>	no./100ml	0	0	0	0	8	0	0
<i>Clostridium perfringens</i>	no./100ml	0	0	0	0	1414	0	0
Colony count 22°C	cfu/ml	-	0	0.519	5	52	0	0
Colony count 37°C	cfu/ml	-	0	0.717	4	53	0	0
Residual Disinfectant	mg/l	-	0.08	0.338	0.52	157	0	0
Colour (Pt/Co scale)	mg/lPt/Co	20	<0.800	1.277	6.9	53	0	0
Hydrogen Ion	pH	6.50-9.50	7.4	7.585	8.6	53	0	0
Turbidity	FTU	4	<0.060	0.083	0.25	52	0	0
Conductivity at 20°C	uS/cm	2500	419	578.358	617	53	0	0
Ammonium as NH4	mg/l	0.5	0.03	0.075	0.18	52	0	0
Chloride as Cl	mg/l	250	34.27	39.47	45.93	8	0	0
Sodium as Na	mg/l	200	22.4	25.938	31.3	8	0	0
Sulphate as SO4	mg/l	250	43.4	48.313	57.2	8	0	0
Nitrate as NO3	mg/l	50	21.1	23.633	26.7	52	0	0
Nitrite as NO2	mg/l	0.5	<0.010	0.104	0.24	52	0	0
Nitrate/Nitrite calculation	mg/l	1	0.45	0.507	0.58	52	0	0
Total Organic Carbon as C	mg/l	-	0.6	2.136	3.8	111	0	0
Total Hardness as CaCO3	mg/l	N/A	259	269	278	2	0	0
Odour (quantatative)	dilution no.	0	0	0	0	26	0	0
Taste (quantatative)	dilution no.	0	0	0	0	26	0	0
Iron as Fe	ug/l	200	<2.000	4.237	28.4	52	0	0
Manganese as Mn	ug/l	50	<0.200	0.777	0.9	52	0	0
Aluminium as Al	ug/l	200	<1.400	5.021	9.8	52	0	0
Antimony as Sb	ug/l	5	<0.500	<0.763	<0.800	8	0	0
Arsenic as As	ug/l	10	0.6	0.825	1.1	8	0	0
Cadmium as Cd	ug/l	5	<0.100	<0.113	<0.200	8	0	0
Chromium as Cr	ug/l	50	<0.900	<0.938	<1.200	8	0	0
Copper as Cu	mg/l	2	0.004	0.007	0.013	9	0	0
Lead as Pb	ug/l	10	<0.200	1.111	1.9	9	0	0
Mercury as Hg	ug/l	1	<0.040	<0.088	<0.120	111	0	0
Nickel as Ni	ug/l	20	<1.300	<1.333	<1.600	9	0	0
Fluoride as F	mg/l	1.5	0.108	0.148	0.191	8	0	0
Selenium as Se	ug/l	10	<0.800	1.175	1.8	8	0	0
Boron as B	mg/l	1	0.043	0.051	0.056	8	0	0
Bromate as BrO3	ug/l	10	<0.700	1.062	14.5	112	1	0.9
Cyanide as CN	ug/l	50	<0.700	0.94	6.5	111	0	0
PAHs (Sum of 4 substances)	ug/l	0.1	0	0	0.001	9	0	0
Benzo (a) pyrene	ug/l	0.01	<0.001	<0.001	<0.001	9	0	0
Trihalomethanes	ug/l	100	11.2	16.233	20.7	9	0	0
Tetra- & Trichloroethene calc	ug/l	10	0	0.513	1.1	8	0	0
Tetrachloromethane	ug/l	3	<0.200	<0.200	<0.200	9	0	0
1,2 dichloroethane	ug/l	3	<0.200	<0.267	<0.300	9	0	0

NOTE: PCV = Prescribed Concentration or Value

**THAMES WATER UTILITIES**  
**WATER QUALITY REPORT - 2014 DATA**

Water Supply Zone: SLE 4 BROMLEY TOWN			Zone No.: 62					
			Population: 63584					
Time Period: 01/01/2014 to 31/12/2014			Concentration or Value			No. of Samples		
Date extracted: 10/04/2015			(all samples)					
Parameter	Units	PCV	Min.	Mean	Max.	Total	Contra-vening	% of samples contravening PCV
Benzene	ug/l	1	<0.100	<0.100	<0.100	9	0	0
Atrazine	ug/l	0.1	<0.005	0.005	0.013	111	0	0
Bentazone	ug/l	0.1	<0.005	0.005	0.007	112	0	0
Bromoxynil	ug/l	0.1	<0.002	<0.005	<0.005	112	0	0
Carbetamide	ug/l	0.1	<0.003	0.003	0.008	111	0	0
Chlortoluron	ug/l	0.1	<0.003	<0.003	<0.003	111	0	0
Clopyralid	ug/l	0.1	<0.009	<0.010	<0.010	112	0	0
2,4-D	ug/l	0.1	<0.003	<0.004	<0.004	112	0	0
Dicamba	ug/l	0.1	<0.007	<0.007	<0.007	112	0	0
Dichlorprop	ug/l	0.1	<0.002	<0.004	<0.006	112	0	0
Diuron	ug/l	0.1	<0.003	0.003	0.004	111	0	0
Fluroxypyr	ug/l	0.1	<0.003	<0.006	<0.006	112	0	0
Isoproturon	ug/l	0.1	<0.004	<0.004	<0.004	111	0	0
Ioxynil	ug/l	0.1	<0.002	<0.005	<0.005	112	0	0
Linuron	ug/l	0.1	<0.004	<0.004	<0.004	111	0	0
Mecoprop	ug/l	0.1	<0.003	<0.007	<0.008	112	0	0
MCPA	ug/l	0.1	<0.002	<0.006	<0.006	112	0	0
MCPB	ug/l	0.1	<0.004	<0.005	<0.008	112	0	0
Pentachlorophenol	ug/l	0.1	<0.002	<0.004	<0.004	112	0	0
Propazine	ug/l	0.1	<0.002	<0.002	<0.002	110	0	0
Prometryn	ug/l	0.1	<0.002	<0.002	<0.002	110	0	0
Propyzamide	ug/l	0.1	<0.004	0.007	0.033	111	0	0
Simazine	ug/l	0.1	<0.005	0.005	0.01	111	0	0
2,4,5-T	ug/l	0.1	<0.003	<0.005	<0.005	112	0	0
Terbutryn	ug/l	0.1	<0.003	<0.003	<0.003	110	0	0
2,4-DB	ug/l	0.1	<0.004	<0.005	<0.005	112	0	0
Fenoprop	ug/l	0.1	<0.003	<0.004	<0.004	112	0	0
Monuron	ug/l	0.1	<0.003	<0.003	<0.003	111	0	0
Picloram	ug/l	0.1	<0.005	0.008	0.01	112	0	0
Triclopyr	ug/l	0.1	<0.003	<0.005	<0.005	112	0	0
Tebuthiuron	ug/l	0.1	<0.002	<0.002	<0.002	110	0	0
Ametryne	ug/l	0.1	<0.002	<0.002	<0.002	110	0	0
Carbendazim	ug/l	0.1	<0.002	0.002	0.008	111	0	0
Metaldehyde	ug/l	0.1	<0.006	0.038	0.083	111	0	0
Metazachlor	ug/l	0.1	<0.002	0.003	0.008	106	0	0
Quinmerac	ug/l	0.1	<0.004	0.006	0.017	107	0	0
Total Pesticides	ug/l	0.5	0	0.046	0.134	119	0	0
Gross alpha activity	Bq/l	0.1	0.04	0.054	0.06	5	0	0
Gross beta activity	Bq/l	1	0.07	0.084	0.1	5	0	0

NOTE: PCV = Prescribed Concentration or Value

**THAMES WATER UTILITIES**  
**WATER QUALITY REPORT - 2014 DATA**

<b>Water Supply Zone:</b>	SLE 4	BROMLEY TOWN	<b>Zone No.:</b> 62
			<b>Population:</b> 63584
<b>Time Period:</b> 01/01/2014 to 31/12/2014			
<b>Date extracted:</b> 10/04/2015			

**Commentary on Water Quality:**

Very good water quality, however one infringement to report for bromate. Our investigations showed the infringement for bromate was transitory at a supplying asset and was not indicative of the quality of water supplied to this zone.

**NOTES:**

For some parameters, monitoring occurs at the supplying Water Treatment Works rather than the Water Supply Zone