

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

<b>Water Supply Zone:</b>		S18	FRAMPTON MANSELL & SAPPERTON			<b>Zone No.:</b>		233
						<b>Population:</b>		436
<b>Time Period: 01/01/2014 to 31/12/2014</b>			<b>Concentration or Value</b>			<b>No. of Samples</b>		
<b>Date extracted: 10/04/2015</b>			<b>(all samples)</b>					
Parameter	Units	PCV	Min.	Mean	Max.	Total	Contra-vening	% of samples contravening PCV
Coliform bacteria	no./100ml	0	0	0	0	12	0	0
<i>E. coli</i>	no./100ml	0	0	0	0	12	0	0
<i>Enterococci</i>	no./100ml	0	0	0	0	4	0	0
<i>Clostridium perfringens</i>	no./100ml	0	0	0	0	5	0	0
Colony count 22°C	cfu/ml	-	0	0.5	2	4	0	0
Colony count 37°C	cfu/ml	-	0	0	0	4	0	0
Residual Disinfectant	mg/l	-	0.07	0.247	0.42	12	0	0
Colour (Pt/Co scale)	mg/lPt/Co	20	<0.800	<0.800	<0.800	4	0	0
Hydrogen Ion	pH	6.50-9.50	7.3	7.425	7.6	4	0	0
Turbidity	FTU	4	<0.060	0.068	0.08	4	0	0
Conductivity at 20°C	uS/cm	2500	315	520.25	630	4	0	0
Ammonium as NH <sub>4</sub>	mg/l	0.5	<0.030	<0.030	<0.030	4	0	0
Chloride as Cl	mg/l	250	21.33	24.833	27.65	4	0	0
Sodium as Na	mg/l	200	13.8	18.9	21.4	4	0	0
Sulphate as SO <sub>4</sub>	mg/l	250	44.8	56.075	61.7	4	0	0
Nitrate as NO <sub>3</sub>	mg/l	50	3.7	9.175	20.1	4	0	0
Nitrite as NO <sub>2</sub>	mg/l	0.5	<0.010	<0.010	<0.010	4	0	0
Nitrate/Nitrite calculation	mg/l	1	0.07	0.183	0.4	4	0	0
Total Organic Carbon as C	mg/l	-	0.6	0.72	0.9	5	0	0
Total Hardness as CaCO <sub>3</sub>	mg/l	N/A	235	277.5	320	2	0	0
Odour (quantatative)	dilution no.	0	0	0	0	2	0	0
Taste (quantatative)	dilution no.	0	0	0	0	2	0	0
Iron as Fe	ug/l	200	6.8	19.983	56.7	12	0	0
Manganese as Mn	ug/l	50	<0.800	1	1.4	4	0	0
Aluminium as Al	ug/l	200	1.5	3.775	5.9	4	0	0
Antimony as Sb	ug/l	5	<0.800	<0.800	<0.800	4	0	0
Arsenic as As	ug/l	10	<0.300	<0.300	<0.300	4	0	0
Cadmium as Cd	ug/l	5	<0.100	<0.100	<0.100	4	0	0
Chromium as Cr	ug/l	50	<0.900	<0.900	<0.900	4	0	0
Copper as Cu	mg/l	2	<0.004	0.007	0.015	4	0	0
Lead as Pb	ug/l	10	<0.200	<0.200	<0.200	4	0	0
Mercury as Hg	ug/l	1	<0.090	<0.090	<0.090	5	0	0
Nickel as Ni	ug/l	20	<1.300	<1.300	<1.300	4	0	0
Fluoride as F	mg/l	1.5	0.086	0.263	0.464	4	0	0
Selenium as Se	ug/l	10	<0.800	<0.800	<0.800	4	0	0
Boron as B	mg/l	1	0.018	0.048	0.074	4	0	0
Bromate as BrO <sub>3</sub>	ug/l	10	<0.700	<0.700	<0.700	5	0	0
Cyanide as CN	ug/l	50	<0.700	<0.700	<0.700	5	0	0
PAHs (Sum of 4 substances)	ug/l	0.1	0	0	0	5	0	0
Benzo (a) pyrene	ug/l	0.01	<0.001	<0.001	<0.001	5	0	0
Trihalomethanes	ug/l	100	1.3	8.475	13.8	4	0	0
Tetra- & Trichloroethene calc	ug/l	10	0	0	0	4	0	0
Tetrachloromethane	ug/l	3	<0.200	<0.200	<0.200	4	0	0
1,2 dichloroethane	ug/l	3	<0.200	<0.250	<0.300	4	0	0

NOTE: PCV = Prescribed Concentration or Value

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

<b>Water Supply Zone:</b>		S18	FRAMPTON MANSELL & SAPPERTON				<b>Zone No.:</b>		233
							<b>Population:</b>		436
<b>Time Period: 01/01/2014 to 31/12/2014</b>			<b>Concentration or Value</b>			<b>No. of Samples</b>			
<b>Date extracted: 10/04/2015</b>			<b>(all samples)</b>						
Parameter	Units	PCV	Min.	Mean	Max.	Total	Contra-vening	% of samples contravening PCV	
Benzene	ug/l	1	<0.100	<0.100	<0.100	4	0	0	
Atrazine	ug/l	0.1	<0.005	<0.005	<0.005	5	0	0	
Bentazone	ug/l	0.1	<0.005	<0.005	<0.005	5	0	0	
Bromoxynil	ug/l	0.1	<0.005	<0.005	<0.005	5	0	0	
Carbetamide	ug/l	0.1	<0.003	<0.003	<0.003	5	0	0	
Chlortoluron	ug/l	0.1	<0.003	<0.003	<0.003	5	0	0	
Clopyralid	ug/l	0.1	<0.009	<0.010	<0.010	5	0	0	
2,4-D	ug/l	0.1	<0.003	<0.004	<0.004	5	0	0	
Dicamba	ug/l	0.1	<0.007	<0.007	<0.007	5	0	0	
Dichlorprop	ug/l	0.1	<0.003	<0.004	<0.006	5	0	0	
Diuron	ug/l	0.1	<0.003	<0.003	<0.003	5	0	0	
Fluroxypyr	ug/l	0.1	<0.003	<0.005	<0.006	5	0	0	
Isoproturon	ug/l	0.1	<0.004	<0.004	<0.004	5	0	0	
Ioxynil	ug/l	0.1	<0.005	<0.005	<0.005	5	0	0	
Linuron	ug/l	0.1	<0.004	<0.004	<0.004	5	0	0	
Mecoprop	ug/l	0.1	<0.003	<0.006	<0.008	5	0	0	
MCPA	ug/l	0.1	<0.004	<0.005	<0.006	5	0	0	
MCPB	ug/l	0.1	<0.004	<0.006	<0.008	5	0	0	
Pentachlorophenol	ug/l	0.1	<0.003	<0.004	<0.004	5	0	0	
Propazine	ug/l	0.1	<0.002	<0.002	<0.002	5	0	0	
Prometryn	ug/l	0.1	<0.002	<0.002	<0.002	5	0	0	
Propyzamide	ug/l	0.1	<0.004	<0.004	<0.004	5	0	0	
Simazine	ug/l	0.1	<0.005	<0.005	<0.005	5	0	0	
2,4,5-T	ug/l	0.1	<0.005	<0.005	<0.005	5	0	0	
Terbutryn	ug/l	0.1	<0.003	<0.003	<0.003	5	0	0	
2,4-DB	ug/l	0.1	<0.005	<0.005	<0.005	5	0	0	
Fenoprop	ug/l	0.1	<0.003	<0.004	<0.004	5	0	0	
Monuron	ug/l	0.1	<0.003	<0.003	<0.003	5	0	0	
Picloram	ug/l	0.1	<0.005	<0.007	<0.008	5	0	0	
Triclopyr	ug/l	0.1	<0.005	<0.005	<0.005	5	0	0	
Tebuthiuron	ug/l	0.1	<0.002	<0.002	<0.002	5	0	0	
Ametryne	ug/l	0.1	<0.002	<0.002	<0.002	5	0	0	
Carbendazim	ug/l	0.1	<0.002	<0.002	<0.002	5	0	0	
Metaldehyde	ug/l	0.1	<0.006	0.008	0.012	5	0	0	
Total Pesticides	ug/l	0.5	0	0.006	0.012	5	0	0	

NOTE: PCV = Prescribed Concentration or Value

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

<b>Water Supply Zone:</b>	S18	FRAMPTON MANSELL & SAPPERTON	<b>Zone No.:</b>	233
			<b>Population:</b>	436
<b>Time Period:</b> 01/01/2014 to 31/12/2014				
<b>Date extracted:</b> 10/04/2015				

**Commentary on Water Quality:**

Excellent quality water with no infringements to report for the Water Supply Zone.

**NOTES:**

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