

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

<b>Water Supply Zone:</b> SLE44 LEWISHAM NORTH			<b>Zone No.:</b> 326			<b>Population:</b> 33754		
<b>Time Period:</b> 01/01/2014 to 31/12/2014			<b>Concentration or Value</b>			<b>No. of Samples</b>		<b>% of samples contravening PCV</b>
<b>Date extracted:</b> 10/04/2015			<b>(all samples)</b>			<b>Total</b>	<b>Contra- vening</b>	
<b>Parameter</b>	<b>Units</b>	<b>PCV</b>	<b>Min.</b>	<b>Mean</b>	<b>Max.</b>	<b>Total</b>	<b>Contra- vening</b>	<b>% of samples contravening PCV</b>
Coliform bacteria	no./100ml	0	0	0	0	97	0	0
<i>E. coli</i>	no./100ml	0	0	0	0	97	0	0
<i>Enterococci</i>	no./100ml	0	0	0	0	8	0	0
<i>Clostridium perfringens</i>	no./100ml	0	0	0	0	1400	0	0
Colony count 22°C	cfu/ml	-	0	1.162	17	37	0	0
Colony count 37°C	cfu/ml	-	0	0.622	9	37	0	0
Residual Disinfectant	mg/l	-	0.21	0.388	0.63	97	0	0
Colour (Pt/Co scale)	mg/lPt/Co	20	<0.400	1.186	3.8	37	0	0
Hydrogen Ion	pH	6.50-9.50	7.1	7.505	8	37	0	0
Turbidity	FTU	4	<0.060	0.077	0.18	36	0	0
Conductivity at 20°C	uS/cm	2500	533	645.838	836	37	0	0
Ammonium as NH <sub>4</sub>	mg/l	0.5	<0.030	0.08	0.14	36	0	0
Chloride as Cl	mg/l	250	34.97	41.676	55.03	8	0	0
Sodium as Na	mg/l	200	24.1	30.413	37.3	8	0	0
Sulphate as SO <sub>4</sub>	mg/l	250	41.8	47.963	71.7	8	0	0
Nitrate as NO <sub>3</sub>	mg/l	50	21.2	23.544	26.2	36	0	0
Nitrite as NO <sub>2</sub>	mg/l	0.5	<0.010	0.027	0.1	36	0	0
Nitrate/Nitrite calculation	mg/l	1	0.43	0.479	0.53	36	0	0
Total Organic Carbon as C	mg/l	-	0.7	2.122	3.8	113	0	0
Total Hardness as CaCO <sub>3</sub>	mg/l	N/A	313	325	337	2	0	0
Odour (quantatative)	dilution no.	0	0	0	0	18	0	0
Taste (quantatative)	dilution no.	0	0	0	0	18	0	0
Iron as Fe	ug/l	200	<2.000	3.722	11.2	36	0	0
Manganese as Mn	ug/l	50	<0.200	<0.764	<0.800	36	0	0
Aluminium as Al	ug/l	200	<1.400	4.553	8.8	36	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	0.95	1.1	8	0	0
Cadmium as Cd	ug/l	5	<0.100	<0.100	<0.100	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	0.01	0.045	8	0	0
Lead as Pb	ug/l	10	<0.200	2	5	8	0	0
Mercury as Hg	ug/l	1	<0.040	<0.088	<0.120	113	0	0
Nickel as Ni	ug/l	20	<1.300	1.4	1.8	8	0	0
Fluoride as F	mg/l	1.5	0.122	0.148	0.201	8	0	0
Selenium as Se	ug/l	10	0.8	1.038	2.3	8	0	0
Boron as B	mg/l	1	0.048	0.055	0.069	8	0	0
Bromate as BrO <sub>3</sub>	ug/l	10	<0.700	1.055	14.5	114	1	0.9
Cyanide as CN	ug/l	50	<0.700	0.742	1.5	113	0	0
PAHs (Sum of 4 substances)	ug/l	0.1	0	0	0.001	8	0	0
Benzo (a) pyrene	ug/l	0.01	<0.001	<0.001	<0.001	8	0	0
Trihalomethanes	ug/l	100	2.8	13.513	23.4	8	0	0
Tetra- & Trichloroethene calc	ug/l	10	0	0.675	1.6	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: SLE44 LEWISHAM NORTH			Zone No.: 326					
			Population: 33754					
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	0.008	113	0	0
Bentazone	ug/l	0.1	<0.005	0.005	0.007	114	0	0
Bromoxynil	ug/l	0.1	<0.002	<0.005	<0.005	114	0	0
Carbetamide	ug/l	0.1	<0.003	0.003	0.008	113	0	0
Chlortoluron	ug/l	0.1	<0.003	<0.003	<0.003	113	0	0
Clopyralid	ug/l	0.1	<0.009	<0.010	<0.010	114	0	0
2,4-D	ug/l	0.1	<0.003	<0.004	<0.004	114	0	0
Dicamba	ug/l	0.1	<0.007	<0.007	<0.007	114	0	0
Dichlorprop	ug/l	0.1	<0.002	<0.004	<0.006	114	0	0
Diuron	ug/l	0.1	<0.003	<0.003	<0.003	113	0	0
Fluroxypyr	ug/l	0.1	<0.003	<0.006	<0.006	114	0	0
Isoproturon	ug/l	0.1	<0.004	<0.004	<0.004	113	0	0
Ioxynil	ug/l	0.1	<0.002	<0.005	<0.005	114	0	0
Linuron	ug/l	0.1	<0.004	<0.004	<0.004	113	0	0
Mecoprop	ug/l	0.1	<0.003	<0.007	<0.008	114	0	0
MCPA	ug/l	0.1	<0.002	<0.006	<0.006	114	0	0
MCPB	ug/l	0.1	<0.004	<0.005	<0.008	114	0	0
Pentachlorophenol	ug/l	0.1	<0.002	<0.004	<0.004	114	0	0
Propazine	ug/l	0.1	<0.002	<0.002	<0.002	112	0	0
Prometryn	ug/l	0.1	<0.002	<0.002	<0.002	112	0	0
Propyzamide	ug/l	0.1	<0.004	0.007	0.033	113	0	0
Simazine	ug/l	0.1	<0.005	<0.005	<0.005	113	0	0
2,4,5-T	ug/l	0.1	<0.003	<0.005	<0.005	114	0	0
Terbutryn	ug/l	0.1	<0.003	<0.003	<0.003	112	0	0
2,4-DB	ug/l	0.1	<0.004	<0.005	<0.005	114	0	0
Fenoprop	ug/l	0.1	<0.003	<0.004	<0.004	114	0	0
Monuron	ug/l	0.1	<0.003	<0.003	<0.003	113	0	0
Picloram	ug/l	0.1	<0.005	0.008	0.01	114	0	0
Triclopyr	ug/l	0.1	<0.003	<0.005	<0.005	114	0	0
Tebuthiuron	ug/l	0.1	<0.002	<0.002	<0.002	112	0	0
Ametryne	ug/l	0.1	<0.002	<0.002	<0.002	112	0	0
Carbendazim	ug/l	0.1	<0.002	0.002	0.008	113	0	0
Metaldehyde	ug/l	0.1	<0.005	0.037	0.083	113	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	0.045	0.134	123	0	0
Gross alpha activity	Bq/l	0.1	<0.040	0.055	0.07	6	0	0
Gross beta activity	Bq/l	1	0.14	0.165	0.19	6	0	0

NOTE: PCV = Prescribed Concentration or Value

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

<b>Water Supply Zone:</b>	SLE44	LEWISHAM NORTH	<b>Zone No.:</b>	326
			<b>Population:</b>	33754
<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 is 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