

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

<b>Water Supply Zone:</b> SLE46 SHOOTERS HILL			<b>Zone No.:</b> 328			<b>Population:</b> 6129		
<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>	
Coliform bacteria	no./100ml	0	0	0	0	24	0	0
<i>E. coli</i>	no./100ml	0	0	0	0	24	0	0
<i>Enterococci</i>	no./100ml	0	0	0	0	8	0	0
<i>Clostridium perfringens</i>	no./100ml	0	0	0	0	749	0	0
Colony count 22°C	cfu/ml	-	0	10.917	105	12	0	0
Colony count 37°C	cfu/ml	-	0	8.923	81	13	0	0
Residual Disinfectant	mg/l	-	0.14	0.309	0.5	24	0	0
Colour (Pt/Co scale)	mg/lPt/Co	20	0.8	1.383	3.2	12	0	0
Hydrogen Ion	pH	6.50-9.50	7.6	7.742	7.8	12	0	0
Turbidity	FTU	4	<0.060	0.093	0.21	12	0	0
Conductivity at 20°C	uS/cm	2500	527	561.333	599	12	0	0
Ammonium as NH4	mg/l	0.5	<0.030	0.073	0.12	12	0	0
Chloride as Cl	mg/l	250	36.68	42.778	55.04	8	0	0
Sodium as Na	mg/l	200	25.1	27.238	31.6	8	0	0
Sulphate as SO4	mg/l	250	43.3	48.738	71.5	8	0	0
Nitrate as NO3	mg/l	50	21.6	24.2	26	12	0	0
Nitrite as NO2	mg/l	0.5	0.03	0.085	0.14	12	0	0
Nitrate/Nitrite calculation	mg/l	1	0.46	0.513	0.55	12	0	0
Total Organic Carbon as C	mg/l	-	0.7	2.094	3.7	79	0	0
Total Hardness as CaCO3	mg/l	N/A	243	252	261	2	0	0
Odour (quantatative)	dilution no.	0	0	0	0	6	0	0
Taste (quantatative)	dilution no.	0	0	0	0	6	0	0
Iron as Fe	ug/l	200	2	4.433	11	12	0	0
Manganese as Mn	ug/l	50	0.3	0.758	<0.800	12	0	0
Aluminium as Al	ug/l	200	<1.400	6.15	10	12	0	0
Antimony as Sb	ug/l	5	<0.700	<0.788	<0.800	8	0	0
Arsenic as As	ug/l	10	0.7	1.013	1.2	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	1.088	1.5	8	0	0
Copper as Cu	mg/l	2	<0.004	0.008	0.023	8	0	0
Lead as Pb	ug/l	10	<0.200	1.8	5.1	8	0	0
Mercury as Hg	ug/l	1	<0.040	<0.089	<0.120	79	0	0
Nickel as Ni	ug/l	20	<1.300	<1.338	<1.600	8	0	0
Fluoride as F	mg/l	1.5	0.117	0.139	0.157	8	0	0
Selenium as Se	ug/l	10	<0.800	1.125	3.1	8	0	0
Boron as B	mg/l	1	0.046	0.055	0.072	8	0	0
Bromate as BrO3	ug/l	10	<0.700	0.77	1.8	79	0	0
Cyanide as CN	ug/l	50	<0.700	0.751	1.5	79	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	8.5	18.7	24.2	9	0	0
Tetra- & Trichloroethene calc	ug/l	10	0	0	0	8	0	0
Tetrachloromethane	ug/l	3	<0.200	<0.200	<0.200	8	0	0
1,2 dichloroethane	ug/l	3	<0.200	<0.256	<0.300	9	0	0

NOTE: PCV = Prescribed Concentration or Value

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Water Supply Zone: SLE46 SHOOTERS HILL			Zone No.: 328					
			Population: 6129					
Time Period: 01/01/2014 to 31/12/2014 Date extracted: 10/04/2015			Concentration or Value (all samples)			No. of 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	79	0	0
Bentazone	ug/l	0.1	<0.005	0.005	0.007	79	0	0
Bromoxynil	ug/l	0.1	<0.002	<0.005	<0.005	79	0	0
Carbetamide	ug/l	0.1	<0.003	0.004	0.008	79	0	0
Chlortoluron	ug/l	0.1	<0.003	<0.003	<0.003	79	0	0
Clopyralid	ug/l	0.1	<0.009	<0.010	<0.010	79	0	0
2,4-D	ug/l	0.1	<0.003	<0.004	<0.004	79	0	0
Dicamba	ug/l	0.1	<0.007	<0.007	<0.007	79	0	0
Dichlorprop	ug/l	0.1	<0.002	<0.004	<0.004	79	0	0
Diuron	ug/l	0.1	<0.003	<0.003	<0.003	79	0	0
Fluroxypyr	ug/l	0.1	<0.003	<0.006	<0.006	79	0	0
Isoproturon	ug/l	0.1	<0.004	<0.004	<0.004	79	0	0
Ioxynil	ug/l	0.1	<0.002	<0.005	<0.005	79	0	0
Linuron	ug/l	0.1	<0.004	<0.004	<0.004	79	0	0
Mecoprop	ug/l	0.1	<0.003	<0.007	<0.008	79	0	0
MCPA	ug/l	0.1	<0.002	<0.006	<0.006	79	0	0
MCPB	ug/l	0.1	<0.004	<0.005	<0.008	79	0	0
Pentachlorophenol	ug/l	0.1	<0.002	<0.004	<0.004	79	0	0
Propazine	ug/l	0.1	<0.002	<0.002	<0.002	78	0	0
Prometryn	ug/l	0.1	<0.002	<0.002	<0.002	78	0	0
Propyzamide	ug/l	0.1	<0.004	0.009	0.033	79	0	0
Simazine	ug/l	0.1	<0.005	<0.005	<0.005	79	0	0
2,4,5-T	ug/l	0.1	<0.003	<0.005	<0.005	79	0	0
Terbutryn	ug/l	0.1	<0.003	<0.003	<0.003	78	0	0
2,4-DB	ug/l	0.1	<0.004	<0.005	<0.005	79	0	0
Fenoprop	ug/l	0.1	<0.003	<0.004	<0.004	79	0	0
Monuron	ug/l	0.1	<0.003	<0.003	<0.003	79	0	0
Picloram	ug/l	0.1	<0.005	0.008	0.01	79	0	0
Triclopyr	ug/l	0.1	<0.003	<0.005	<0.005	79	0	0
Tebuthiuron	ug/l	0.1	<0.002	<0.002	<0.002	78	0	0
Ametryne	ug/l	0.1	<0.002	<0.002	<0.002	78	0	0
Carbendazim	ug/l	0.1	<0.002	0.002	0.008	79	0	0
Metaldehyde	ug/l	0.1	<0.005	0.035	0.083	79	0	0
Metazachlor	ug/l	0.1	<0.002	0.003	0.008	72	0	0
Quinmerac	ug/l	0.1	<0.004	0.007	0.017	73	0	0
Total Pesticides	ug/l	0.5	0	0.046	0.134	86	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

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<b>Water Supply Zone:</b>	SLE46	SHOOTERS HILL	<b>Zone No.:</b>	328
			<b>Population:</b>	6129
<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