

Langton Water Supply Zone (Z028) – January-December 2011

Component Name	Samples taken	Samples contravening PCV	Minimum	Mean	Maximum	PCV	Units
1,1,1-Trichloroethane	8	0	0.00	0.000	0.00	No Limit	µg/l
1,2-Dichloroethane	8	0	0.00	0.000	0.00	3	µg/l
2,4,5-T	8	0	0.00	0.000	0.00	0.1	µg/l
2,4-D	8	0	0.00	0.000	0.00	0.1	µg/l
Aldrin	8	0	0.00	0.000	0.00	0.03	µg/l
Aluminium	8	0	0.00	0.996	1.90	200	µg Al/l
Ammonium (Ammonia and Ammonium Ions)	12	0	0.00	0.001	0.01	0.5	mg NH4/l
Antimony	8	0	0.00	0.005	0.03	5	µg Sb/l
Arsenic	8	0	0.00	0.027	0.09	10	µg As/l
Atrazine	8	0	0.00	0.000	0.00	0.1	µg/l
Bentazone	8	0	0.00	0.000	0.00	0.1	µg/l
Benzene	8	0	0.00	0.000	0.00	1	µg/l
Benzo (a) pyrene	8	0	0.00	0.000	0.00	0.01	µg/l
Benzo[1,12]perylene	8	0	0.00	0.000	0.00	0.1	µg/l
Benzo[11,12]fluoranthene	8	0	0.00	0.000	0.00	0.1	µg/l
Benzo[3,4]fluoranthene	8	0	0.00	0.000	0.00	0.1	µg/l
Boron	8	0	0.18	0.223	0.27	1	mg B/l
Bromate	8	0	0.00	0.086	0.35	10	µg BrO3/l
Bromoxynil	8	0	0.00	0.000	0.00	0.1	µg/l
Cadmium	8	0	0.00	0.021	0.12	5	µg Cd/l
Calcium	8	0	25.50	28.050	31.50	No Limit	mg Ca/l
Carbendazim	8	0	0.00	0.000	0.00	0.1	µg/l
Carbetamide	8	0	0.00	0.000	0.00	0.1	µg/l
Chloride	8	0	28.68	29.615	30.83	250	mg Cl/l
Chlorotoluron	8	0	0.00	0.000	0.00	0.1	µg/l
Chromium	8	0	0.00	0.062	0.34	50	µg Cr/l
Clostridium perfringens (including spores)	8	0	0.00	0.000	0.00	0	Number/100
Colony Count 3days at 22°C	24	0	0.00	1.292	11.00	No Abnormal Change	cfu/ml
Colony Count 48hrs at 37°C	24	0	0.00	2.167	23.00	No Abnormal Change	cfu/ml
Colour	12	0	0.00	0.190	0.74	20	mg/l Pt/Co
Conductivity	12	0	407.00	424.750	516.00	1500	µS/cm
Copper	8	0	0.00	0.035	0.08	2	mg Cu/l
Cyanide	8	0	0.00	0.170	0.89	50	µg CN/l
Dibromochloromethane	8	0	1.35	1.584	2.23	100	µg/l
Dicamba	8	0	0.00	0.000	0.00	0.1	µg/l
Dichlobenil	8	0	0.00	0.000	0.00	0.1	µg/l
Dichlorobromomethane	8	0	0.41	0.659	1.01	100	µg/l
Dichlorprop	8	0	0.00	0.000	0.00	0.1	µg/l
Dieldrin	8	0	0.00	0.000	0.00	0.03	µg/l

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Diuron	8	0	0.00	0.000	0.00	0.1	µg/l
E coli	60	0	0.00	0.000	0.00	0	cfu/100ml
Enterococci	8	0	0.00	0.000	0.00	0	cfu/100ml
Epoxiconazole	8	0	0.00	0.000	0.00	0.1	µg/l
Fluoride	8	0	0.11	0.161	0.19	1.5	mg F/l
Fluroxypyr	8	0	0.00	0.000	0.00	0.1	µg/l
Flutriafol	8	0	0.00	0.000	0.00	0.1	µg/l
Gamma-HCH (Lindane)	8	0	0.00	0.000	0.00	0.1	µg/l
Heptachlor	8	0	0.00	0.000	0.00	0.03	µg/l
Heptachlor Epoxide	8	0	0.00	0.000	0.00	0.03	µg/l
Hydrogen Ion (pH)	12	0	7.40	7.583	7.70	10	pH unit
Indeno(1,2,3-cd)Pyrene	8	0	0.00	0.000	0.00	0.1	µg/l
Iron	24	0	2.03	26.201	148.30	200	µg Fe/l
Isoproturon	8	0	0.00	0.000	0.00	0.1	µg/l
Lead	8	0	0.08	1.023	2.80	25	µg Pb/l
Linuron	8	0	0.00	0.000	0.00	0.1	µg/l
Magnesium	8	0	7.00	7.338	7.60	No Limit	mg Mg/l
Manganese	8	1	5.00	19.663	81.10	50	µg Mn/l
MCPA	8	0	0.00	0.000	0.00	0.1	µg/l
MCPB	8	0	0.00	0.000	0.00	0.1	µg/l
Mecoprop (MCP)	8	0	0.00	0.001	0.01	0.1	µg/l
Mercury	8	0	0.00	0.003	0.01	1	µg Hg/l
Nickel	8	0	0.40	1.263	2.40	20	µg Ni/l
Nitrate	8	0	0.59	1.426	3.00	50	mg NO ₃ /l
Nitrite	8	0	0.00	0.000	0.00	0.5	mg NO ₂ /l
Nitrite/Nitrate formula	8	0	0.01	0.029	0.06	1	
Odour - Qualitative	12	0	0.00	0.000	0.00	No Limit	
Odour - Quantitative	12	0	0.00	0.000	0.00	1	Dil No
Oxadixyl	8	0	0.00	0.000	0.00	0.1	µg/l
Pendimethalin	8	0	0.00	0.000	0.00	0.1	µg/l
Pesticides - Total Substances	8	0	0.00	0.001	0.01	0.5	µg/l
Polycyclic Aromatic Hydrocarbons	8	0	0.00	0.000	0.00	0.1	µg/l
Prometryn	8	0	0.00	0.000	0.00	0.1	µg/l
Propazine	8	0	0.00	0.000	0.00	0.1	µg/l
Propyzamide	8	0	0.00	0.000	0.00	0.1	µg/l
Residual Disinfectant - Free	60	0	0.00	0.137	0.35	No Limit	mg/l
Residual Disinfectant - Total	60	0	0.01	0.189	0.38	No Limit	mg/l
Selenium	8	0	0.00	0.102	0.20	10	µg Se/l
Simazine	8	0	0.00	0.000	0.00	0.1	µg/l

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Sodium	8	0	52.80	55.875	57.90	200	mg Na/l
Sulphate	8	0	53.60	56.963	63.30	250	mg SO ₄ /l
Taste - Qualitative	12	0	0.00	0.000	0.00	No Limit	
Taste - Quantitative	12	0	0.00	0.000	0.00	1	Dil No
Tecnazene	8	0	0.00	0.000	0.00	0.1	µg/l
Terbutryn	8	0	0.00	0.000	0.00	0.1	µg/l
Tetrachloroethene	8	0	0.00	0.000	0.00	10	µg/l
Tetrachloroethene/ Trichloroethene - Sum	8	0	0.00	0.000	0.00	10	µg/l
Total coliforms	60	0	0.00	0.000	0.00	0	cfu/100ml
Total Organic Carbon	8	0	0.50	0.675	0.80	No Abnormal Change	mg C/l
Total Trihalomethanes	8	0	3.10	4.175	7.00	100	µg/l
Tri-allate	8	0	0.00	0.000	0.00	0.1	µg/l
Tribromomethane	8	0	0.99	1.824	2.92	100	µg/l
Trichloroethene	8	0	0.00	0.000	0.00	10	µg/l
Trichloromethane	8	0	0.00	0.243	0.88	100	µg/l
Triclopyr	8	0	0.00	0.000	0.00	0.1	µg/l
Trietazine	8	0	0.00	0.000	0.00	0.1	µg/l
Turbidity	12	0	0.08	0.247	0.94	4	NTU

The data provided is a summary of all the results of regulatory tests that were carried out on samples taken during the given period at customers' taps. The failure reported was satisfactorily investigated and submitted to the Drinking Water Inspectorate, who regulates the water industry in England and Wales for approval.

All other samples taken proved satisfactory and comply with the requirements of the Water Supply (Water Quality) Regulations 2000.