

**BLACKHILL WATER SUPPLY ZONE**

1st January to 31st December  
2019

Component Name	No of samples taken	Samples Contravening PCV	Maximum	Mean	Minimum	PCV	Units
1,1,1-Trichloroethane	9	0	0.18	0.18	0.18	No Limit	µg/l
1,2-Dichloroethane	8	0	0.04	0.04	0.04	3	µg/l
Aluminium	75	0	40.50	22.32	5.00	200	µg Al/l
Ammonium (Ammonia and Ammonium Ions)	75	0	0.04	0.04	0.04	0.5	mg NH4/l
Antimony	8	0	0.40	0.23	0.10	5	µg Sb/l
Arsenic	8	0	0.50	0.50	0.50	10	µg As/l
Benzene	8	0	0.01	0.01	0.01	1	µg/l
Benzo[1,1,2]fluoranthene	8	0	0.00	0.00	0.00	0.1	µg/l
Benzo[1,1,2]perylene	8	0	0.00	0.00	0.00	0.1	µg/l
Benzo[3,4]fluoranthene	8	0	0.00	0.00	0.00	0.1	µg/l
Benzo (a) pyrene	8	0	0.00	0.00	0.00	0.01	µg/l
Bromate	8	0	1.90	1.05	0.40	10	µg BrO3/l
Cadmium	8	0	0.06	0.06	0.06	5	µg Cd/l
Calcium	8	0	116.00	106.81	97.00	No Limit	mg Ca/l
Chloride	8	0	69.23	58.54	49.36	250	mg Cl/l
Chromium	8	0	1.60	0.63	0.30	50	µg Cr/l
Clostridium perfringens (including spore)	75	0	0.00	0.00	0.00	0	cfu/100ml
Colony Count 3days at 22°C	75	0	38.00	2.41	0.00	No Abnormal Change	cfu/ml
Colony Count 48hrs at 37°C	75	0	36.00	2.61	0.00	No Abnormal Change	cfu/ml
Colour	75	0	2.00	1.05	1.00	20	mg/l Pt/Co
Conductivity	75	0	734.00	656.44	595.00	2,500	µS/cm
Copper	8	0	0.43	0.11	0.00	2	mg Cu/l
Dibromochloromethane	8	0	14.26	10.91	9.19	100	µg/l
Dichlorobromomethane	8	0	13.87	11.72	8.39	100	µg/l
E coli	203	0	0.00	0.00	0.00	0	mpn/100ml
Enterococci	8	0	0.00	0.00	0.00	0	cfu/100ml
Fluoride	8	0	0.16	0.15	0.14	1.5	mg F/l
Hydrogen Ion (pH)	75	0	7.70	7.47	7.10	9.5	pH_unit
Indeno(1,2,3-cd)Pyrene	8	0	0.00	0.00	0.00	0.1	µg/l
Iron	75	0	85.40	19.58	3.00	200	µg Fe/l
Lead	8	0	0.50	0.50	0.50	10	µg Pb/l
Magnesium	8	0	5.20	4.83	4.20	No Limit	mg Mg/l
Manganese	75	0	9.80	1.53	0.90	50	µg Mn/l
Nickel	8	0	7.70	3.16	1.70	20	µg Ni/l
Nitrate	8	0	34.00	29.78	22.70	50	mg NO3/l
Nitrite	8	0	0.01	0.01	0.01	0.5	mg NO2/l
Nitrite/Nitrate formula	8	0	0.68	0.60	0.45	1	
Odour - Quantitative	76	0	0.00	0.00	0.00	1	Dil No
Polycyclic Aromatic Hydrocarbons	8	0	0.00	0.00	0.00	0.1	µg/l
Residual Disinfectant - Free	203	0	0.96	0.25	0.05	No Limit	mg/l
Residual Disinfectant - Total	203	0	1.13	0.42	0.17	No Limit	mg/l
Selenium	8	0	1.00	0.76	0.40	10	µg Se/l
Sodium	8	0	36.70	33.03	24.80	200	mg Na/l
Taste - Quantitative	76	0	0.00	0.00	0.00	1	Dil No
Tetrachloroethene	8	0	0.08	0.06	0.05	10	µg/l
Tetrachloroethene/ Trichloroethene - Sum	8	0	0.08	0.03	0.00	10	µg/l
Total coliforms	203	0	0.00	0.00	0.00	0	mpn/100ml

Component Name	No of samples taken	Samples Contravening PCV	Maximum	Mean	Minimum	PCV	Units
<b>Total Trihalomethanes</b>	8	0	44.80	38.48	28.80	100	µg/l
<b>Tribromomethane</b>	8	0	4.30	2.56	1.40	100	µg/l
<b>Trichloroethene</b>	8	0	0.03	0.03	0.03	10	µg/l
<b>Trichloromethane</b>	8	0	17.57	13.27	7.89	100	µg/l
<b>Turbidity</b>	75	0	0.46	0.12	0.10	4	NTU
	Sum:	0					

Results for Free and Total Chlorine are listed as Residual Disinfectant Free and Total

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. All samples taken proved satisfactory and comply with the requirements of the Water Supply (Water Quality) Regulations 2018.

**SURREY HILLS NO1 RESERVOIR SUPPLY POINT**

1st January to 31st December

2019

Component Name	No of samples taken	Samples Contravening PCV	Maximum	Mean	Minimum	PCV	Units
2,4,5-T	12	0	0.01	0.01	0.01	0.1	µg/l
2,4-D	12	0	0.01	0.01	0.01	0.1	µg/l
Aldrin	14	0	0.01	0.01	0.00	0.03	µg/l
Atrazine	12	0	0.01	0.01	0.01	0.1	µg/l
Bentazone	12	0	0.01	0.01	0.01	0.1	µg/l
Boron	12	0	0.06	0.05	0.05	1	mg B/l
Bromate	12	0	1.90	1.23	0.40	10	µg BrO3/l
Bromoxynil	12	0	0.01	0.01	0.01	0.1	µg/l
Carbendazim	12	0	0.01	0.01	0.01	0.1	µg/l
Carbetamide	12	0	0.01	0.01	0.01	0.1	µg/l
Clostridium perfringens (including spore)	122	0	0.00	0.00	0.00	0	cfu/100ml
Cyanide	12	0	2.00	2.00	2.00	50	µg CN/l
Dicamba	12	0	0.01	0.01	0.01	0.1	µg/l
Dichlobenil	14	0	0.01	0.01	0.00	0.1	µg/l
Dichlorprop	12	0	0.01	0.01	0.01	0.1	µg/l
Dieldrin	14	0	0.01	0.01	0.01	0.03	µg/l
Diuron	12	0	0.01	0.01	0.01	0.1	µg/l
Epoxiconazole	12	0	0.01	0.01	0.01	0.1	µg/l
Fluroxypyr	12	0	0.01	0.01	0.01	0.1	µg/l
Flutriafol	12	0	0.01	0.01	0.01	0.1	µg/l
Gamma-HCH (Lindane)	14	0	0.01	0.01	0.00	0.1	µg/l
Heptachlor	14	0	0.01	0.01	0.00	0.03	µg/l
Heptachlor Epoxide	14	0	0.01	0.01	0.00	0.03	µg/l
Isoproturon	12	0	0.01	0.01	0.01	0.1	µg/l
Linuron	12	0	0.01	0.01	0.01	0.1	µg/l
MCPA	12	0	0.01	0.01	0.01	0.1	µg/l
MCPB	12	0	0.01	0.01	0.01	0.1	µg/l
Mecoprop (MCP)	12	0	0.01	0.01	0.01	0.1	µg/l
Mercury	12	0	0.02	0.02	0.02	1	µg Hg/l
Metaldehyde	12	0	0.03	0.01	0.01	0.1	µg/l
Oxadixyl	12	0	0.01	0.01	0.01	0.1	µg/l
Pendimethalin	12	0	0.01	0.01	0.01	0.1	µg/l
Pesticides - Total Substances	14	0	0.03	0.01	0.00	0.5	µg/l
Prometryn	12	0	0.01	0.01	0.01	0.1	µg/l
Propazine	12	0	0.01	0.01	0.01	0.1	µg/l
Propyzamide	14	0	0.01	0.01	0.01	0.1	µg/l
Simazine	12	0	0.01	0.01	0.01	0.1	µg/l
Sulphate	12	0	78.90	68.33	54.60	250	mg SO4/l
Total Organic Carbon	12	0	3.00	2.28	1.80	No Abnormal Change	mg C/l
Tri-allate	14	0	0.01	0.01	0.00	0.1	µg/l
Triclopyr	12	0	0.01	0.01	0.01	0.1	µg/l
Trietazine	12	0	0.01	0.01	0.01	0.1	µg/l
	Sum:	0					

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 Supply Points. All samples taken proved satisfactory and comply with the requirements of the Water Supply (Water Quality) Regulations 2018.