

## K503 COLEWOOD WATER SUPPLY ZONE

Parameter Name	Units	Regulatory Limit (PCV)	No. of Samples	Minimum Result	Average Result	Maximum Result	PCV Breaches
ALUMINIUM	ugAl/l	200	52	<6.9	12.26731	20	0
AMMONIUM (AMMONIA AND AMMONIUM IONS)	mgNH4/l	0.5	8	<0.008	0.0095	0.01	0
ANTIMONY	ugSb/l	5	8	<0.07	0.2125	0.58	0
ARSENIC	ugAs/l	10	8	0.19	0.215	0.28	0
BENZO A PYRENE	ug/l	0.01	8	<0.00042	0.00044	0.00057	0
CADMIUM	ugCd/l	5	8	<0.03	0.075	0.39	0
CHROMIUM	ugCr/l	50	8	<0.18	0.25375	0.69	0
COLIFORM BACTERIA	Number/100ml	0	168	0	0	0	0
COLONY COUNT @ 22 C	Number/1ml	No Abnormal Change	52	0	0.51923	8	0
COLOUR	mg/l Pt/Co	20	52	<3	3.04038	5.1	0
COPPER	mgCu/l	2	8	0.0017	0.04655	0.134	0
E.COLI	Number/100ml	0	168	0	0	0	0
ENTEROCOCCI	Number/100ml	0	8	0	0	0	0
FREE CHLORINE	mg/l as Cl2		168	<0.04	0.35155	0.83	0
HYDROGEN ION (PH)	pH value	6.5 - 9.5	52	7.15	7.38462	7.53	0
IRON	ugFe/l	200	52	<3.72	7.27346	44.3	0
LEAD	ugPb/l	10	8	<0.04	0.19875	0.74	0
MANGANESE	ugMn/l	50	52	<0.3	1.11115	6.9	0
NICKEL	ugNi/l	20	8	0.86	1.47125	2.02	0
NITRATE	mgNO3/l	50	8	21.7	27.8125	32.4	0
NITRITE	mgNO2/l	0.5	8	<0.002	0.0025	0.003	0
NITRITE/NITRATE FORMULA	Number	1	8	0.43	0.555	0.65	0
ODOUR	Diln. No.	No Abnormal Change	52	0	0	0	0
PAH - SUM OF 4 SUBSTANCES	ug/l	0.1	8	0	0.0001	0.0008	0
SELENIUM	ugSe/l	10	8	<0.32	0.43625	0.7	0
SODIUM	mgNa/l	200	8	10.1	24.225	34.7	0
TASTE	Diln. No.	No Abnormal Change	52	0	0	0	0
TERACHLOROETHENE/TRICHLOROETHENE SUM	ug/l	10	8	0	0	0	0
TETRACHLOROMETHANE	ug/l	3	8	<0.16	<0.16	<0.16	0
TOTAL CHLORINE	mg/l as Cl2		168	0.09	0.44923	0.88	0
TRIHALOMETHANES (SUM OF IDENTIFIED THMS)	ug/l	100	8	2.86	22.09	38.62	0
TURBIDITY	NTU	4	52	<0.13	0.15923	0.63	0

**LOWER BUSH CUXTON WSW**

Parameter Name	Units	Regulatory Limit (PCV)	No. of Samples	Minimum Result	Average Result	Maximum Result	PCV Breaches
1,2 DICHLOROETHANE	ug/l	3	8	<0.16	<0.16	<0.16	0
ALDRIN	ug/l	0.03	8	<0.008	<0.008	<0.008	0
ATRAZINE	ug/l	0.1	8	<0.004	0.0045	0.006	0
BENTAZONE	ug/l	0.1	8	<0.005	<0.005	<0.005	0
BENZENE	ug/l	1	8	<0.06	<0.06	<0.06	0
BORON	mgB/l	1	8	<0.0319	<0.0319	<0.0319	0
BROMATE	ugBr03/l	10	8	<0.1	0.37625	1	0
CARBENDAZIM	ug/l	0.1	8	<0.005	<0.005	<0.005	0
CHLORIDE	mgCl/l	250	8	22.3	22.7375	24	0
CHLORTOLURON	ug/l	0.1	8	<0.005	0.0065	0.007	0
CLOSTRIDIUM PERFRINGENS	Number/100ml	0	8	0	0	0	0
COLIFORM BACTERIA	Number/100ml	0	98	0	0	0	0
COLONY COUNT @ 22 C	Number/1ml	No Abnormal Change	98	0	0.12245	2	0
CONDUCTIVITY	uS/cm	2500	23	516	546.73913	576	0
CYANIDE	ugCN/l	50	8	<1.2	<1.2	<1.2	0
DIAZINON	ug/l	0.1	8	<0.007	<0.007	<0.007	0
DIELDRIN	ug/l	0.03	8	<0.009	<0.009	<0.009	0
E.COLI	Number/100ml	0	98	0	0	0	0
FLUORIDE	mgF/l	1.5	8	0.1	0.11	0.13	0
FLUTRIAFOL	ug/l	0.1	8	<0.005	<0.005	<0.005	0
FREE CHLORINE	mg/l as Cl2		98	0.44	0.64296	0.9	0
GROSS ALPHA	Bq/l	0.1	8	<0.021	0.02913	0.034	0
GROSS BETA	Bq/l	1	8	0.049	0.05863	0.08	0
HEPTACHLOR	ug/l	0.03	8	<0.005	<0.005	<0.005	0
HEPTACHLOR EPOXIDE	ug/l	0.03	8	<0.007	<0.007	<0.007	0
MERCURY	ugHg/l	1	8	<0.04	0.045	0.06	0
METALDEHYDE	ug/l	0.1	8	<0.007	<0.007	<0.007	0
NITRITE	mgNO2/l	0.5	8	<0.002	0.0025	0.003	0
PESTICIDES - TOTAL SUBSTANCES	ug/l	0.5	8	0	0	0	0
PICLORAM	ug/l	0.1	8	<0.016	<0.016	<0.016	0
PROMETRYN	ug/l	0.1	8	<0.004	0.00425	0.005	0
PROPAZINE	ug/l	0.1	8	<0.005	<0.005	<0.005	0
PROPYZAMIDE	ug/l	0.1	8	<0.009	<0.009	<0.009	0
SIMAZINE	ug/l	0.1	8	<0.005	<0.005	<0.005	0
SULPHATE	mgSO4/l	250	8	20.9	21.55	22.6	0
TOTAL CHLORINE	mg/l as Cl2		98	0.41	0.65071	0.91	0
TOTAL ORGANIC CARBON	mgC/l	No Abnormal Change	8	<0.7	<0.7	<0.7	0
TRIFLURAZINE	ug/l	0.1	8	<0.004	0.00425	0.005	0

**LOWER BUSH CUXTON WSW**

Parameter Name	Units	Regulatory Limit (PCV)	No. of Samples	Minimum Result	Average Result	Maximum Result	PCV Breaches
TURBIDITY	NTU	1	98	<0.13	0.15878	0.46	0

**LONDON ROAD STROOD WSW**

Parameter Name	Units	Regulatory Limit (PCV)	No. of Samples	Minimum Result	Average Result	Maximum Result	PCV Breaches
1,2 DICHLOROETHANE	ug/l	3	8	<0.16	<0.16	<0.16	0
ALDRIN	ug/l	0.03	8	<0.008	<0.008	<0.008	0
ATRAZINE	ug/l	0.1	8	0.01	0.0105	0.011	0
BENZENE	ug/l	1	8	<0.06	<0.06	<0.06	0
BORON	mgB/l	1	8	0.051	0.05626	0.0593	0
BROMACIL	ug/l	0.1	8	<0.011	0.014	0.015	0
BROMATE	ugBr03/l	10	8	<0.1	0.145	0.2	0
CARBENDAZIM	ug/l	0.1	8	<0.005	<0.005	<0.005	0
CHLORIDE	mgCl/l	250	8	53	54.0625	55.1	0
CHLORMEQUAT	ug/l	0.1	8	<0.003	0.00425	0.008	0
CLOSTRIDIUM PERFRINGENS	Number/100ml	0	8	0	0	0	0
COLIFORM BACTERIA	Number/100ml	0	52	0	0	0	0
COLONY COUNT @ 22 C	Number/1ml	No Abnormal Change	52	0	0.13462	2	0
CONDUCTIVITY	uS/cm	2500	12	636	731.58333	767	0
CYANAZINE	ug/l	0.1	8	<0.004	0.00475	0.007	0
CYANIDE	ugCN/l	50	8	<1.2	<1.2	<1.2	0
DICAMBA	ug/l	0.1	8	<0.012	<0.012	<0.012	0
DIELDRIN	ug/l	0.03	8	<0.009	<0.009	<0.009	0
DIURON	ug/l	0.1	8	<0.008	0.00825	0.009	0
E.COLI	Number/100ml	0	52	0	0	0	0
EPOXICONAZOLE	ug/l	0.1	8	<0.005	0.00525	0.006	0
FLUORIDE	mgF/l	1.5	8	0.12	0.135	0.15	0
FLUTRIAFOL	ug/l	0.1	8	<0.005	<0.005	<0.005	0
FREE CHLORINE	mg/l as Cl2		52	0.51	0.81731	1.08	0
GLYPHOSATE	ug/l	0.1	8	<0.005	<0.005	<0.005	0
GROSS ALPHA	Bq/l	0.1	8	<0.025	0.03175	0.041	0
GROSS BETA	Bq/l	1	8	0.109	0.12688	0.171	0
HEPTACHLOR	ug/l	0.03	8	<0.005	<0.005	<0.005	0
HEPTACHLOR EPOXIDE	ug/l	0.03	8	<0.007	<0.007	<0.007	0
MCPA	ug/l	0.1	8	<0.006	<0.006	<0.006	0
MERCURY	ugHg/l	1	8	<0.04	0.045	0.06	0
METALDEHYDE	ug/l	0.1	8	<0.007	0.00763	0.012	0
NITRITE	mgNO2/l	0.5	8	<0.002	0.00288	0.003	0
PESTICIDES - TOTAL SUBSTANCES	ug/l	0.5	8	0.019	0.02063	0.022	0
PICLORAM	ug/l	0.1	8	<0.016	0.018	0.032	0
PIRIMICARB	ug/l	0.1	8	<0.016	<0.016	<0.016	0
PROPAZINE	ug/l	0.1	8	<0.005	<0.005	<0.005	0
PROPICONAZOLE	ug/l	0.1	8	<0.007	0.0075	0.009	0

**LONDON ROAD STROOD WSW**

Parameter Name	Units	Regulatory Limit (PCV)	No. of Samples	Minimum Result	Average Result	Maximum Result	PCV Breaches
QUINMERAC	ug/l	0.1	8	<0.006	0.00825	0.009	0
SIMAZINE	ug/l	0.1	8	0.009	0.01013	0.011	0
SPIROXAMINE	ug/l	0.1	8	<0.005	0.006	0.009	0
SULPHATE	mgSO4/l	250	8	39.3	41.2875	43.4	0
TEBUCONAZOLE	ug/l	0.1	8	<0.005	0.00525	0.006	0
TOTAL CHLORINE	mg/l as Cl2		52	0.64	0.83981	1.09	0
TOTAL ORGANIC CARBON	mgC/l	No Abnormal Change	8	0.81	0.96375	1.13	0
TURBIDITY	NTU	1	52	<0.13	0.15192	0.4	0

**BUSH ROAD CUXTON WSW**

Parameter Name	Units	Regulatory Limit (PCV)	No. of Samples	Minimum Result	Average Result	Maximum Result	PCV Breaches
1,2 DICHLOROETHANE	ug/l	3	8	<0.16	<0.16	<0.16	0
2,4-D	ug/l	0.1	8	<0.011	<0.011	<0.011	0
ALDRIN	ug/l	0.03	8	<0.008	<0.008	<0.008	0
ATRAZINE	ug/l	0.1	8	<0.004	0.0045	0.006	0
BENTAZONE	ug/l	0.1	8	<0.005	<0.005	<0.005	0
BENZENE	ug/l	1	8	<0.06	<0.06	<0.06	0
BORON	mgB/l	1	8	0.0172	0.03006	0.0319	0
BROMATE	ugBr03/l	10	8	<0.07	0.10875	0.15	0
CARBENDAZIM	ug/l	0.1	8	<0.005	<0.005	<0.005	0
CHLORIDE	mgCl/l	250	8	20.4	20.9375	21.3	0
CHLORTOLURON	ug/l	0.1	8	<0.005	0.0065	0.007	0
CLOPYRALID	ug/l	0.1	8	<0.011	<0.011	<0.011	0
CLOSTRIDIUM PERFRINGENS	Number/100ml	0	8	0	0	0	0
COLIFORM BACTERIA	Number/100ml	0	104	0	0.00962	1	1
COLONY COUNT @ 22 C	Number/1ml	No Abnormal Change	104	0	0.25	4	0
CONDUCTIVITY	uS/cm	2500	24	520	545.875	570	0
CYANIDE	ugCN/l	50	8	<1.2	<1.2	<1.2	0
DIAZINON	ug/l	0.1	8	<0.007	<0.007	<0.007	0
DIELDRIN	ug/l	0.03	8	<0.009	<0.009	<0.009	0
E.COLI	Number/100ml	0	104	0	0	0	0
EPOXICONAZOLE	ug/l	0.1	8	<0.005	0.00525	0.006	0
FENPROPIIMORPH	ug/l	0.1	8	<0.01	<0.01	<0.01	0
FLUORIDE	mgF/l	1.5	8	0.1	0.1025	0.11	0
FREE CHLORINE	mg/l as Cl2		104	0.3	0.68077	0.85	0
GROSS ALPHA	Bq/l	0.1	8	<0.021	0.03063	0.034	0
GROSS BETA	Bq/l	1	8	0.021	0.04788	0.078	0
HEPTACHLOR	ug/l	0.03	8	<0.005	<0.005	<0.005	0
HEPTACHLOR EPOXIDE	ug/l	0.03	8	<0.007	<0.007	<0.007	0
MCPB	ug/l	0.1	8	<0.008	<0.008	<0.008	0
MECOPROP	ug/l	0.1	8	<0.009	<0.009	<0.009	0
MERCURY	ugHg/l	1	8	<0.04	0.0475	0.06	0
METALDEHYDE	ug/l	0.1	8	<0.007	<0.007	<0.007	0
METHABENZTHIAZURON	ug/l	0.1	8	<0.005	0.00525	0.006	0
NITRITE	mgNO2/l	0.5	8	<0.002	0.00275	0.003	0
PESTICIDES - TOTAL SUBSTANCES	ug/l	0.5	8	0	0	0	0
PROPYZAMIDE	ug/l	0.1	8	<0.009	<0.009	<0.009	0
PROSULFOCARB	ug/l	0.1	8	<0.006	0.009	0.01	0
QUINMERAC	ug/l	0.1	8	<0.006	0.00825	0.009	0

**BUSH ROAD CUXTON WSW**

Parameter Name	Units	Regulatory Limit (PCV)	No. of Samples	Minimum Result	Average Result	Maximum Result	PCV Breaches
SIMAZINE	ug/l	0.1	8	<0.005	<0.005	<0.005	0
SULPHATE	mgSO4/l	250	8	12.3	14.7	16.5	0
TERBUTRYN	ug/l	0.1	8	<0.004	0.00475	0.005	0
TOTAL CHLORINE	mg/l as Cl2		104	0.47	0.69115	0.88	0
TOTAL ORGANIC CARBON	mgC/l	No Abnormal Change	8	<0.7	0.70375	0.73	0
TRIFLUOROMETHANE	ug/l	0.1	8	<0.004	0.00425	0.005	0
TURBIDITY	NTU	1	104	<0.13	0.15567	0.41	0

**BURHAM WSW**

Parameter Name	Units	Regulatory Limit (PCV)	No. of Samples	Minimum Result	Average Result	Maximum Result	PCV Breaches
1,2 DICHLOROETHANE	ug/l	3	8	<0.16	<0.16	<0.16	0
2,4-D	ug/l	0.1	8	<0.011	<0.011	<0.011	0
ALDRIN	ug/l	0.03	8	<0.008	<0.008	<0.008	0
BENTAZONE	ug/l	0.1	8	<0.005	<0.005	<0.005	0
BENZENE	ug/l	1	8	<0.06	<0.06	<0.06	0
BORON	mgB/l	1	8	0.0415	0.05458	0.0653	0
BOSCALID	ug/l	0.1	8	<0.008	<0.008	<0.008	0
BROMATE	ugBr03/l	10	8	0.4	1.5925	2.95	0
CARBENDAZIM	ug/l	0.1	8	<0.005	<0.005	<0.005	0
CARBETAMIDE	ug/l	0.1	8	<0.009	0.0125	0.013	0
CHLORIDE	mgCl/l	250	8	28.3	40.025	47.7	0
CHLORMEQUAT	ug/l	0.1	8	<0.003	0.00425	0.008	0
CHLOROTHALONIL	ug/l	0.1	8	<0.006	<0.006	<0.006	0
CHLORTOLURON	ug/l	0.1	8	<0.005	0.00675	0.007	0
CLOPYRALID	ug/l	0.1	8	<0.011	0.01163	0.016	0
CLOSTRIDIUM PERFRINGENS	Number/100ml	0	8	0	0	0	0
COLIFORM BACTERIA	Number/100ml	0	364	0	0	0	0
COLONY COUNT @ 22 C	Number/1ml	No Abnormal Change	365	0	0.14795	4	0
CONDUCTIVITY	uS/cm	2500	156	351	455.85256	675	0
CYANIDE	ugCN/l	50	8	<1.2	<1.2	<1.2	0
CYPROCONAZOLE	ug/l	0.1	8	<0.006	0.00688	0.007	0
DICAMBA	ug/l	0.1	8	<0.012	<0.012	<0.012	0
DICHLORPROP	ug/l	0.1	8	<0.01	<0.01	<0.01	0
DIELDRIN	ug/l	0.03	8	<0.009	<0.009	<0.009	0
DIFLUFENICAN	ug/l	0.1	8	<0.009	<0.009	<0.009	0
E.COLI	Number/100ml	0	364	0	0	0	0
EPOXICONAZOLE	ug/l	0.1	8	<0.005	0.00513	0.006	0
FENPROPIMORPH	ug/l	0.1	8	<0.01	<0.01	<0.01	0
FLUFENACET	ug/l	0.1	8	<0.008	<0.008	<0.008	0
FLUORIDE	mgF/l	1.5	8	0.05	0.0775	0.09	0
FLUOROXYPYR	ug/l	0.1	8	<0.008	<0.008	<0.008	0
FLUTRIAFOL	ug/l	0.1	8	<0.005	<0.005	<0.005	0
FLUXAPYROXAD	ug/l	0.1	8	<0.009	0.00913	0.01	0
FREE CHLORINE	mg/l as Cl2		367	0.16	0.87052	1.55	0
GLYPHOSATE	ug/l	0.1	8	<0.005	<0.005	<0.005	0
GROSS ALPHA	Bq/l	0.1	8	<0.018	0.02538	0.034	0
GROSS BETA	Bq/l	1	8	0.096	0.13888	0.204	0
HEPTACHLOR	ug/l	0.03	8	<0.005	<0.005	<0.005	0



**BURHAM WSW**

Parameter Name	Units	Regulatory Limit (PCV)	No. of Samples	Minimum Result	Average Result	Maximum Result	PCV Breaches
HEPTACHLOR EPOXIDE	ug/l	0.03	8	<0.007	<0.007	<0.007	0
ISOPROTURON	ug/l	0.1	8	<0.005	<0.005	<0.005	0
LINURON	ug/l	0.1	8	<0.009	0.00988	0.01	0
MCPA	ug/l	0.1	8	<0.006	<0.006	<0.006	0
MECOPROP	ug/l	0.1	8	<0.009	<0.009	<0.009	0
MEPIQUAT CHLORIDE	ug/l	0.1	8	<0.004	0.005	0.008	0
MERCURY	ugHg/l	1	8	<0.04	0.045	0.06	0
METALDEHYDE	ug/l	0.1	8	<0.006	0.00688	0.007	0
METAZACHLOR	ug/l	0.1	8	<0.005	0.00588	0.006	0
NITRITE	mgNO2/l	0.5	8	<0.002	0.00275	0.003	0
PENDIMETHALIN	ug/l	0.1	8	<0.009	<0.009	<0.009	0
PESTICIDES - TOTAL SUBSTANCES	ug/l	0.5	8	0	0.00513	0.025	0
PICLORAM	ug/l	0.1	8	<0.016	<0.016	<0.016	0
PIRIMICARB	ug/l	0.1	8	<0.016	<0.016	<0.016	0
PROPICONAZOLE	ug/l	0.1	8	<0.007	0.00725	0.009	0
PROPYZAMIDE	ug/l	0.1	8	<0.009	0.00963	0.014	0
PROSULFOCARB	ug/l	0.1	8	<0.006	0.0095	0.01	0
QUINMERAC	ug/l	0.1	8	<0.006	0.00863	0.009	0
SPIROXAMINE	ug/l	0.1	8	<0.005	0.0055	0.009	0
SULPHATE	mgSO4/l	250	8	65.6	73.625	77.9	0
TEBUCONAZOLE	ug/l	0.1	8	<0.005	0.00513	0.006	0
TERBUTHYLAZINE	ug/l	0.1	8	<0.005	<0.005	<0.005	0
TOTAL CHLORINE	mg/l as Cl2		367	0.4	0.98499	1.65	0
TOTAL ORGANIC CARBON	mgC/l	No Abnormal Change	8	<0.7	1.9175	2.65	0
TRIALATE	ug/l	0.1	8	<0.006	<0.006	<0.006	0
TRICLOPYR	ug/l	0.1	8	<0.016	<0.016	<0.016	0
TURBIDITY	NTU	1	367	<0.13	0.16621	0.49	0