

**I513 LOWTHERVILLE COMBINED WATER SUPPLY ZONE**

Parameter Name	Units	Regulatory Limit (PCV)	No. of Samples	Minimum Result	Average Result	Maximum Result	PCV Breaches
ALUMINIUM	ugAl/l	200	12	<6.9	13.23333	14.5	0
AMMONIUM (AMMONIA AND AMMONIUM IONS)	mgNH4/l	0.5	8	<0.008	0.01563	0.061	0
ANTIMONY	ugSb/l	5	8	0.04	0.075	0.14	0
ARSENIC	ugAs/l	10	8	0.24	0.29	0.35	0
BENZO A PYRENE	ug/l	0.01	8	<0.00042	0.00044	0.00057	0
BROMATE	ugBrO3/l	10	8	<0.1	0.175	0.3	0
CADMIUM	ugCd/l	5	8	<0.01	0.0275	0.03	0
CHROMIUM	ugCr/l	50	8	0.17	0.19875	0.24	0
COLIFORM BACTERIA	Number/100ml	0	24	0	0	0	0
COLONY COUNT @ 22 C	Number/1ml	No Abnormal Change	12	0	0.41667	3	0
COLOUR	mg/l Pt/Co	20	12	<3	<3	<3	0
COPPER	mgCu/l	2	8	0.0279	0.26711	0.722	0
E.COLI	Number/100ml	0	24	0	0	0	0
ENTEROCOCCI	Number/100ml	0	8	0	0	0	0
FREE CHLORINE	mg/l as Cl2		24	0.11	0.30375	0.49	0
HYDROGEN ION (PH)	pH value	6.5 - 9.5	12	7.37	7.4875	7.66	0
IRON	ugFe/l	200	12	<3.72	5.26667	10.2	0
LEAD	ugPb/l	10	8	0.1	0.28375	0.41	0
MANGANESE	ugMn/l	50	12	<0.3	0.75833	0.85	0
NICKEL	ugNi/l	20	8	0.61	1.70375	5.03	0
NITRATE	mgNO3/l	50	8	31.8	35.15	38.6	0
NITRITE	mgNO2/l	0.5	8	<0.002	0.0025	0.003	0
NITRITE/NITRATE FORMULA	Number	1	8	0.64	0.70375	0.77	0
ODOUR	Diln. No.	No Abnormal Change	12	0	0	0	0
PAH - SUM OF 4 SUBSTANCES	ug/l	0.1	8	0	0.00038	0.003	0
SELENIUM	ugSe/l	10	8	<0.32	0.37375	0.62	0
SODIUM	mgNa/l	200	8	17.5	18.675	19.8	0
TASTE	Diln. No.	No Abnormal Change	12	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		24	0.14	0.3575	0.64	0
TRIHALOMETHANES (SUM OF IDENTIFIED THMS)	ug/l	100	8	12.15	24.4	41	0
TURBIDITY	NTU	4	12	<0.13	0.16667	0.4	0

**SANDOWN WSW - SHANKLIN**

Parameter Name	Units	Regulatory Limit (PCV)	No. of Samples	Minimum Result	Average Result	Maximum Result	PCV Breaches
1,2 DICHLOROETHANE	ug/l	3	7	<0.16	<0.16	<0.16	0
2,4-D	ug/l	0.1	7	<0.011	<0.011	<0.011	0
ALDRIN	ug/l	0.03	7	<0.008	<0.008	<0.008	0
BENTAZONE	ug/l	0.1	7	<0.005	<0.005	<0.005	0
BENZENE	ug/l	1	7	<0.06	<0.06	<0.06	0
BORON	mgB/l	1	7	<0.0319	0.03767	0.0434	0
BOSCALID	ug/l	0.1	7	<0.008	<0.008	<0.008	0
BROMATE	ugBr03/l	10	7	<0.15	0.36571	0.6	0
CARBENDAZIM	ug/l	0.1	7	<0.005	<0.005	<0.005	0
CARBETAMIDE	ug/l	0.1	7	<0.013	<0.013	<0.013	0
CHLORIDE	mgCl/l	250	7	53.8	57.4	61.9	0
CHLORMEQUAT	ug/l	0.1	7	<0.003	0.00371	0.008	0
CHLOROTHALONIL	ug/l	0.1	7	<0.006	<0.006	<0.006	0
CHLORTOLURON	ug/l	0.1	7	<0.007	<0.007	<0.007	0
CLOPYRALID	ug/l	0.1	7	<0.011	<0.011	<0.011	0
CLOSTRIDIUM PERFRINGENS	Number/100ml	0	7	0	0	0	0
COLIFORM BACTERIA	Number/100ml	0	46	0	0	0	0
COLONY COUNT @ 22 C	Number/1ml	No Abnormal Change	46	0	0.1087	2	0
CONDUCTIVITY	uS/cm	2500	10	406	454.8	488	0
CYANIDE	ugCN/l	50	7	<1.2	<1.2	<1.2	0
CYPROCONAZOLE	ug/l	0.1	7	<0.007	<0.007	<0.007	0
DICAMBA	ug/l	0.1	7	<0.012	<0.012	<0.012	0
DICHLORPROP	ug/l	0.1	7	<0.01	<0.01	<0.01	0
DIELDRIN	ug/l	0.03	7	<0.009	<0.009	<0.009	0
DIFLUFENICAN	ug/l	0.1	7	<0.009	<0.009	<0.009	0
E.COLI	Number/100ml	0	46	0	0	0	0
EPOXICONAZOLE	ug/l	0.1	7	<0.005	<0.005	<0.005	0
FENPROPIMORPH	ug/l	0.1	7	<0.01	<0.01	<0.01	0
FLUFENACET	ug/l	0.1	7	<0.008	<0.008	<0.008	0
FLUORIDE	mgF/l	1.5	7	0.09	0.11286	0.16	0
FLUOROXYPYR	ug/l	0.1	7	<0.008	<0.008	<0.008	0
FLUTRIAFOL	ug/l	0.1	7	<0.005	<0.005	<0.005	0
FLUXAPYROXAD	ug/l	0.1	7	<0.009	<0.009	<0.009	0
FREE CHLORINE	mg/l as Cl2		46	0.67	0.8237	1.07	0
GLYPHOSATE	ug/l	0.1	7	<0.005	<0.005	<0.005	0
GROSS ALPHA	Bq/l	0.1	7	<0.019	0.02729	0.032	0
GROSS BETA	Bq/l	1	7	0.115	0.16586	0.255	0
HEPTACHLOR	ug/l	0.03	7	<0.005	<0.005	<0.005	0

**SANDOWN WSW - SHANKLIN**

Parameter Name	Units	Regulatory Limit (PCV)	No. of Samples	Minimum Result	Average Result	Maximum Result	PCV Breaches
HEPTACHLOR EPOXIDE	ug/l	0.03	7	<0.007	<0.007	<0.007	0
ISOPROTURON	ug/l	0.1	7	<0.005	<0.005	<0.005	0
LINURON	ug/l	0.1	7	<0.01	<0.01	<0.01	0
MCPA	ug/l	0.1	7	<0.006	<0.006	<0.006	0
MECOPROP	ug/l	0.1	7	<0.009	<0.009	<0.009	0
MEPIQUAT CHLORIDE	ug/l	0.1	7	<0.004	0.00457	0.008	0
MERCURY	ugHg/l	1	7	<0.04	0.04571	0.06	0
METALDEHYDE	ug/l	0.1	7	<0.007	<0.007	<0.007	0
METAZACHLOR	ug/l	0.1	7	<0.006	<0.006	<0.006	0
NITRITE	mgNO2/l	0.5	8	<0.002	0.00525	0.022	0
PENDIMETHALIN	ug/l	0.1	7	<0.009	<0.009	<0.009	0
PESTICIDES - TOTAL SUBSTANCES	ug/l	0.5	8	0	0	0	0
PICLORAM	ug/l	0.1	7	<0.016	<0.016	<0.016	0
PIRIMICARB	ug/l	0.1	7	<0.016	<0.016	<0.016	0
PROPICONAZOLE	ug/l	0.1	7	<0.007	<0.007	<0.007	0
PROPYZAMIDE	ug/l	0.1	7	<0.009	<0.009	<0.009	0
PROSULFOCARB	ug/l	0.1	7	<0.01	<0.01	<0.01	0
QUINMERAC	ug/l	0.1	7	<0.009	<0.009	<0.009	0
SPIROXAMINE	ug/l	0.1	7	<0.005	<0.005	<0.005	0
SULPHATE	mgSO4/l	250	7	26.6	36.9	41.2	0
TEBUCONAZOLE	ug/l	0.1	7	<0.005	<0.005	<0.005	0
TERBUTHYLAZINE	ug/l	0.1	7	<0.005	<0.005	<0.005	0
TOTAL CHLORINE	mg/l as Cl2		46	0.75	0.89478	1.1	0
TOTAL ORGANIC CARBON	mgC/l	No Abnormal Change	7	1.59	1.90857	2.35	0
TRIALATE	ug/l	0.1	7	<0.006	<0.006	<0.006	0
TRICLOPYR	ug/l	0.1	7	<0.016	<0.016	<0.016	0
TRITIUM	Bq/l	100	7	<8.5	<8.5	<8.5	0
TURBIDITY	NTU	1	46	<0.13	0.14674	0.28	0

**CHILLERTON WSW**

Parameter Name	Units	Regulatory Limit (PCV)	No. of Samples	Minimum Result	Average Result	Maximum Result	PCV Breaches
1,2 DICHLOROETHANE	ug/l	3	1	<0.16	<0.16	<0.16	0
ALDRIN	ug/l	0.03	1	<0.008	<0.008	<0.008	0
ATRAZINE	ug/l	0.1	1	<0.004	<0.004	<0.004	0
BENTAZONE	ug/l	0.1	1	0.009	0.009	0.009	0
BENZENE	ug/l	1	1	<0.06	<0.06	<0.06	0
BORON	mgB/l	1	1	<0.0319	<0.0319	<0.0319	0
BROMATE	ugBr03/l	10	1	<0.1	<0.1	<0.1	0
CHLORIDE	mgCl/l	250	1	38.5	38.5	38.5	0
CLOSTRIDIUM PERFRINGENS	Number/100ml	0	1	0	0	0	0
COLIFORM BACTERIA	Number/100ml	0	18	0	0	0	0
COLONY COUNT @ 22 C	Number/1ml	No Abnormal Change	18	0	0.27778	2	0
CONDUCTIVITY	uS/cm	2500	1	588	588	588	0
CYANAZINE	ug/l	0.1	1	<0.004	<0.004	<0.004	0
CYANIDE	ugCN/l	50	1	<1.2	<1.2	<1.2	0
DIELDRIN	ug/l	0.03	1	<0.009	<0.009	<0.009	0
E.COLI	Number/100ml	0	18	0	0	0	0
FLUORIDE	mgF/l	1.5	1	0.17	0.17	0.17	0
FREE CHLORINE	mg/l as Cl2		19	0.61	0.69421	0.77	0
GLYPHOSATE	ug/l	0.1	1	<0.005	<0.005	<0.005	0
HEPTACHLOR	ug/l	0.03	1	<0.005	<0.005	<0.005	0
HEPTACHLOR EPOXIDE	ug/l	0.03	1	<0.007	<0.007	<0.007	0
MERCURY	ugHg/l	1	1	<0.06	<0.06	<0.06	0
METALDEHYDE	ug/l	0.1	1	<0.007	<0.007	<0.007	0
NITRITE	mgNO2/l	0.5	1	<0.002	<0.002	<0.002	0
PESTICIDES - TOTAL SUBSTANCES	ug/l	0.5	1	0.009	0.009	0.009	0
QUINMERAC	ug/l	0.1	1	<0.009	<0.009	<0.009	0
SIMAZINE	ug/l	0.1	1	<0.005	<0.005	<0.005	0
SPIROXAMINE	ug/l	0.1	1	<0.005	<0.005	<0.005	0
SULPHATE	mgSO4/l	250	1	27.6	27.6	27.6	0
TOTAL CHLORINE	mg/l as Cl2		19	0.63	0.72263	0.78	0
TOTAL ORGANIC CARBON	mgC/l	No Abnormal Change	1	0.79	0.79	0.79	0
TURBIDITY	NTU	1	19	<0.13	0.17632	0.65	0

**CARISBROOKE 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	0.0208	0.03051	0.0319	0
BROMATE	ugBr03/l	10	8	<0.1	0.15875	0.3	0
CARBENDAZIM	ug/l	0.1	8	<0.005	<0.005	<0.005	0
CHLORIDE	mgCl/l	250	8	33.8	34.475	35.4	0
CLOSTRIDIUM PERFRINGENS	Number/100ml	0	8	0	0	0	0
COLIFORM BACTERIA	Number/100ml	0	208	0	0	0	0
COLONY COUNT @ 22 C	Number/1ml	No Abnormal Change	209	0	0.26316	13	0
CONDUCTIVITY	uS/cm	2500	36	516	549.41667	581	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
E.COLI	Number/100ml	0	208	0	0	0	0
FENPROPIMORPH	ug/l	0.1	8	<0.01	<0.01	<0.01	0
FLUORIDE	mgF/l	1.5	8	0.07	0.0725	0.08	0
FREE CHLORINE	mg/l as Cl2		210	0.54	0.66738	0.86	0
GROSS ALPHA	Bq/l	0.1	8	<0.02	0.027	0.034	0
GROSS BETA	Bq/l	1	8	0.02	0.0375	0.087	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
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
NITRITE	mgNO2/l	0.5	8	<0.002	0.01063	0.066	0
PESTICIDES - TOTAL SUBSTANCES	ug/l	0.5	8	0	0	0	0
PROPAZINE	ug/l	0.1	8	<0.005	<0.005	<0.005	0
SIMAZINE	ug/l	0.1	8	<0.005	<0.005	<0.005	0
SULPHATE	mgSO4/l	250	8	14.9	15.7375	16.5	0
TOTAL CHLORINE	mg/l as Cl2		210	0.57	0.70576	0.93	0
TOTAL ORGANIC CARBON	mgC/l	No Abnormal Change	8	<0.7	0.71	0.78	0
TURBIDITY	NTU	1	210	<0.13	0.1479	0.38	0