

I512 SANDOWN / CENTRAL DOWNS 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	24	6.6	12.5875	14.5	0
AMMONIUM (AMMONIA AND AMMONIUM IONS)	mgNH4/l	0.5	8	<0.008	0.00875	0.01	0
ANTIMONY	ugSb/l	5	8	0.04	0.0625	0.07	0
ARSENIC	ugAs/l	10	8	0.19	0.28375	0.39	0
BENZO A PYRENE	ug/l	0.01	8	<0.00042	<0.00042	<0.00042	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	<0.18	0.26125	0.38	0
COLIFORM BACTERIA	Number/100ml	0	60	0	0	0	0
COLONY COUNT @ 22 C	Number/1ml	No Abnormal Change	24	0	0.20833	2	0
COLOUR	mg/l Pt/Co	20	24	<3	<3	<3	0
COPPER	mgCu/l	2	8	0.0123	0.13116	0.192	0
E.COLI	Number/100ml	0	60	0	0	0	0
ENTEROCOCCI	Number/100ml	0	8	0	0	0	0
FREE CHLORINE	mg/l as Cl2		60	0.06	0.41067	0.67	0
HYDROGEN ION (PH)	pH value	6.5 - 9.5	24	7.25	7.40792	7.56	0
IRON	ugFe/l	200	24	<3.72	8.43125	69.9	0
LEAD	ugPb/l	10	8	<0.02	0.35375	0.6	0
MANGANESE	ugMn/l	50	24	<0.3	0.84125	2.84	0
NICKEL	ugNi/l	20	8	<0.17	1.61	3.08	0
NITRATE	mgNO3/l	50	8	30.1	37.125	40.7	0
NITRITE	mgNO2/l	0.5	8	<0.002	0.003	0.008	0
NITRITE/NITRATE FORMULA	Number	1	8	0.61	0.74125	0.81	0
ODOUR	Diln. No.	No Abnormal Change	24	0	0	0	0
PAH - SUM OF 4 SUBSTANCES	ug/l	0.1	8	0	0	0	0
SELENIUM	ugSe/l	10	8	0.35	0.40125	0.48	0
SODIUM	mgNa/l	200	8	16.9	18.475	22.2	0
TASTE	Diln. No.	No Abnormal Change	24	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		60	0.08	0.49183	0.8	0
TRIHALOMETHANES (SUM OF IDENTIFIED THMS)	ug/l	100	8	9.24	18.7525	45.62	0
TURBIDITY	NTU	4	24	<0.07	0.14042	0.32	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	5	<0.16	<0.16	<0.16	0
2,4-D	ug/l	0.1	5	<0.01	<0.01	<0.01	0
BENTAZONE	ug/l	0.1	5	<0.004	<0.004	<0.004	0
BENZENE	ug/l	1	5	<0.06	<0.06	<0.06	0
BORON	mgB/l	1	5	<0.0319	0.04214	0.0531	0
BOSCALID	ug/l	0.1	5	<0.008	<0.008	<0.008	0
BROMATE	ugBr03/l	10	5	0.3	0.48	0.7	0
CARBENDAZIM	ug/l	0.1	5	<0.005	<0.005	<0.005	0
CARBETAMIDE	ug/l	0.1	5	<0.009	<0.009	<0.009	0
CHLORIDE	mgCl/l	250	5	58.5	61.26	64.7	0
CHLORMEQUAT	ug/l	0.1	5	<0.008	<0.008	<0.008	0
CHLOROTHALONIL	ug/l	0.1	5	<0.006	<0.006	<0.006	0
CHLORTOLURON	ug/l	0.1	5	<0.005	<0.005	<0.005	0
CLOPYRALID	ug/l	0.1	5	<0.012	0.0122	0.013	0
CLOSTRIDIUM PERFRINGENS	Number/100ml	0	5	0	0	0	0
COLIFORM BACTERIA	Number/100ml	0	29	0	0	0	0
COLONY COUNT @ 22 C	Number/1ml	No Abnormal Change	29	0	0.41379	6	0
CONDUCTIVITY	uS/cm	2500	7	440	468.57143	498	0
CYANIDE	ugCN/l	50	5	<1.2	<1.2	<1.2	0
CYPROCONAZOLE	ug/l	0.1	5	<0.006	<0.006	<0.006	0
DICAMBA	ug/l	0.1	5	<0.011	<0.011	<0.011	0
DICHLORPROP	ug/l	0.1	5	<0.006	<0.006	<0.006	0
DIFLUFENICAN	ug/l	0.1	5	<0.009	<0.009	<0.009	0
E.COLI	Number/100ml	0	29	0	0	0	0
EPOXICONAZOLE	ug/l	0.1	5	<0.006	<0.006	<0.006	0
FENPROPIMORPH	ug/l	0.1	5	<0.01	<0.01	<0.01	0
FLUFENACET	ug/l	0.1	5	<0.008	<0.008	<0.008	0
FLUORIDE	mgF/l	1.5	5	0.06	0.104	0.13	0
FLUOROXYPYR	ug/l	0.1	5	<0.011	<0.011	<0.011	0
FLUTRIAFOL	ug/l	0.1	5	<0.005	<0.005	<0.005	0
FLUXAPYROXAD	ug/l	0.1	5	<0.01	<0.01	<0.01	0
FREE CHLORINE	mg/l as Cl2		29	0.73	0.84897	1.02	0
GLYPHOSATE	ug/l	0.1	5	<0.005	<0.005	<0.005	0
GROSS ALPHA	Bq/l	0.1	5	<0.019	0.027	0.032	0
GROSS BETA	Bq/l	1	5	0.145	0.1716	0.21	0
ISOPROTURON	ug/l	0.1	5	<0.005	<0.005	<0.005	0
LINURON	ug/l	0.1	5	<0.009	<0.009	<0.009	0
MCPA	ug/l	0.1	5	<0.008	<0.008	<0.008	0

SANDOWN WSW - SHANKLIN

Parameter Name	Units	Regulatory Limit (PCV)	No. of Samples	Minimum Result	Average Result	Maximum Result	PCV Breaches
MECOPROP	ug/l	0.1	5	<0.01	<0.01	<0.01	0
MEPIQUAT CHLORIDE	ug/l	0.1	5	<0.008	<0.008	<0.008	0
MERCURY	ugHg/l	1	5	<0.04	0.052	0.06	0
METALDEHYDE	ug/l	0.1	5	<0.006	0.0096	0.024	0
METAZACHLOR	ug/l	0.1	5	<0.005	<0.005	<0.005	0
NITRITE	mgNO ₂ /l	0.5	5	<0.002	0.0022	0.003	0
PENDIMETHALIN	ug/l	0.1	5	<0.009	<0.009	<0.009	0
PESTICIDES - TOTAL SUBSTANCES	ug/l	0.5	5	0	0.0026	0.013	0
PICLORAM	ug/l	0.1	5	<0.016	<0.016	<0.016	0
PIRIMICARB	ug/l	0.1	5	<0.016	<0.016	<0.016	0
PROPICONAZOLE	ug/l	0.1	5	<0.009	<0.009	<0.009	0
PROPYZAMIDE	ug/l	0.1	5	<0.009	<0.009	<0.009	0
PROSULFOCARB	ug/l	0.1	5	<0.006	<0.006	<0.006	0
QUINMERAC	ug/l	0.1	5	<0.006	<0.006	<0.006	0
SPIROXAMINE	ug/l	0.1	5	<0.009	<0.009	<0.009	0
SULPHATE	mgSO ₄ /l	250	5	30	34.7	39.4	0
TEBUCONAZOLE	ug/l	0.1	5	<0.006	<0.006	<0.006	0
TERBUTHYLAZINE	ug/l	0.1	5	<0.005	<0.005	<0.005	0
TOTAL CHLORINE	mg/l as Cl ₂		29	0.78	0.96207	1.24	0
TOTAL ORGANIC CARBON	mgC/l	No Abnormal Change	5	1.81	2.056	2.4	0
TRIALATE	ug/l	0.1	5	<0.006	<0.006	<0.006	0
TRICLOPYR	ug/l	0.1	5	<0.019	<0.019	<0.019	0
TRITIUM	Bq/l	100	5	<8.5	<8.5	<8.5	0
TURBIDITY	NTU	1	29	<0.07	0.13793	0.33	0

VENTNOR NEW WSW

Parameter Name	Units	Regulatory Limit (PCV)	No. of Samples	Minimum Result	Average Result	Maximum Result	PCV Breaches
1,2 DICHLOROETHANE	ug/l	3	2	<0.16	<0.16	<0.16	0
ATRAZINE	ug/l	0.1	2	<0.006	<0.006	<0.006	0
BENZENE	ug/l	1	2	<0.06	<0.06	<0.06	0
BORON	mgB/l	1	2	<0.0319	0.03215	0.0324	0
BROMATE	ugBr03/l	10	2	3.25	3.36	3.47	0
CARBENDAZIM	ug/l	0.1	2	<0.005	<0.005	<0.005	0
CHLORIDE	mgCl/l	250	2	38.1	38.2	38.3	0
CLOSTRIDIUM PERFRINGENS	Number/100ml	0	2	0	0	0	0
COLIFORM BACTERIA	Number/100ml	0	22	0	0	0	0
COLONY COUNT @ 22 C	Number/1ml	No Abnormal Change	22	0	0	0	0
CONDUCTIVITY	uS/cm	2500	4	554	579.5	604	0
CYANAZINE	ug/l	0.1	2	<0.007	<0.007	<0.007	0
CYANIDE	ugCN/l	50	2	<1.2	<1.2	<1.2	0
E.COLI	Number/100ml	0	22	0	0	0	0
FENPROPIMORPH	ug/l	0.1	2	<0.01	<0.01	<0.01	0
FLUORIDE	mgF/l	1.5	2	0.12	0.12	0.12	0
FREE CHLORINE	mg/l as Cl2		23	0.4	0.65565	0.82	0
MERCURY	ugHg/l	1	2	<0.04	0.05	0.06	0
METHABENZTHIAZURON	ug/l	0.1	2	<0.006	<0.006	<0.006	0
NITRITE	mgNO2/l	0.5	4	<0.002	<0.002	<0.002	0
PESTICIDES - TOTAL SUBSTANCES	ug/l	0.5	2	0	0	0	0
PIRIMICARB	ug/l	0.1	2	<0.016	<0.016	<0.016	0
PROPAZINE	ug/l	0.1	2	<0.005	<0.005	<0.005	0
PROPYZAMIDE	ug/l	0.1	2	<0.009	<0.009	<0.009	0
SIMAZINE	ug/l	0.1	2	<0.005	<0.005	<0.005	0
SPIROXAMINE	ug/l	0.1	2	<0.009	<0.009	<0.009	0
SULPHATE	mgSO4/l	250	2	21.1	21.55	22	0
TOTAL CHLORINE	mg/l as Cl2		23	0.45	0.68043	0.87	0
TOTAL ORGANIC CARBON	mgC/l	No Abnormal Change	2	0.78	0.85	0.92	0
TURBIDITY	NTU	1	23	<0.07	0.15391	0.29	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
ATRAZINE	ug/l	0.1	8	<0.006	<0.006	<0.006	0
BENTAZONE	ug/l	0.1	9	<0.004	0.00433	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	0.1125	0.2	0
CARBENDAZIM	ug/l	0.1	8	<0.005	<0.005	<0.005	0
CHLORIDE	mgCl/l	250	8	34.5	35.9875	41.7	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	210	0	0.2619	5	0
CONDUCTIVITY	uS/cm	2500	36	524	553.25	576	0
CYANAZINE	ug/l	0.1	8	<0.007	<0.007	<0.007	0
CYANIDE	ugCN/l	50	8	<1.2	<1.2	<1.2	0
DICAMBA	ug/l	0.1	9	<0.011	0.01133	0.012	0
E.COLI	Number/100ml	0	209	0	0	0	0
FENPROPIMORPH	ug/l	0.1	9	<0.01	<0.01	<0.01	0
FLUORIDE	mgF/l	1.5	8	0.07	0.08	0.09	0
FREE CHLORINE	mg/l as Cl2		210	0.51	0.68514	0.95	0
GROSS ALPHA	Bq/l	0.1	8	<0.021	0.03013	0.034	0
GROSS BETA	Bq/l	1	8	<0.009	0.03288	0.047	0
MECOPROP	ug/l	0.1	9	<0.009	0.00967	0.01	0
MERCURY	ugHg/l	1	8	<0.04	0.045	0.06	0
METALDEHYDE	ug/l	0.1	9	<0.006	0.008	0.024	0
NITRITE	mgNO2/l	0.5	8	<0.002	0.0025	0.003	0
PESTICIDES - TOTAL SUBSTANCES	ug/l	0.5	9	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	16.3	16.5625	16.9	0
TOTAL CHLORINE	mg/l as Cl2		210	0.59	0.72381	1.07	0
TOTAL ORGANIC CARBON	mgC/l	No Abnormal Change	8	<0.7	0.7675	0.91	0
TURBIDITY	NTU	1	210	<0.07	0.14543	0.4	0