

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 | <6.9 | 12.28333 | 14.5 | 0 |
| AMMONIUM (AMMONIA AND AMMONIUM IONS) | mgNH4/l | 0.5 | 8 | <0.008 | 0.0095 | 0.01 | 0 |
| ANTIMONY | ugSb/l | 5 | 8 | 0.01 | 0.0625 | 0.07 | 0 |
| ARSENIC | ugAs/l | 10 | 8 | 0.17 | 0.2525 | 0.3 | 0 |
| BENZO A PYRENE | ug/l | 0.01 | 8 | <0.00042 | 0.00044 | 0.00057 | 0 |
| BROMATE | ugBrO3/l | 10 | 8 | <0.07 | 0.14 | 0.2 | 0 |
| CADMIUM | ugCd/l | 5 | 8 | <0.01 | 0.0275 | 0.03 | 0 |
| CHROMIUM | ugCr/l | 50 | 8 | <0.18 | 0.23625 | 0.28 | 0 |
| COLIFORM BACTERIA | Number/100ml | 0 | 48 | 0 | 0 | 0 | 0 |
| COLONY COUNT @ 22 C | Number/1ml | No Abnormal Change | 24 | 0 | 0.33333 | 3 | 0 |
| COLOUR | mg/l Pt/Co | 20 | 24 | <3 | <3 | <3 | 0 |
| COPPER | mgCu/l | 2 | 8 | 0.0102 | 0.16703 | 0.562 | 0 |
| E.COLI | Number/100ml | 0 | 48 | 0 | 0 | 0 | 0 |
| ENTEROCOCCI | Number/100ml | 0 | 8 | 0 | 0 | 0 | 0 |
| FREE CHLORINE | mg/l as Cl2 | | 48 | 0.05 | 0.41708 | 0.6 | 0 |
| HYDROGEN ION (PH) | pH value | 6.5 - 9.5 | 24 | 7.23 | 7.37458 | 7.54 | 0 |
| IRON | ugFe/l | 200 | 24 | <3.72 | 5.12208 | 11.7 | 0 |
| LEAD | ugPb/l | 10 | 8 | 0.18 | 0.31375 | 0.49 | 0 |
| MANGANESE | ugMn/l | 50 | 24 | <0.3 | 0.745 | 1.63 | 0 |
| NICKEL | ugNi/l | 20 | 8 | 0.5 | 3.965 | 18.4 | 0 |
| NITRATE | mgNO3/l | 50 | 8 | 34.2 | 36.325 | 37.8 | 0 |
| NITRITE | mgNO2/l | 0.5 | 8 | <0.002 | 0.00275 | 0.003 | 0 |
| NITRITE/NITRATE FORMULA | Number | 1 | 8 | 0.68 | 0.7275 | 0.76 | 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 | <0.32 | 0.435 | 0.74 | 0 |
| SODIUM | mgNa/l | 200 | 8 | 16.8 | 17.8125 | 19.6 | 0 |
| TASTE | Diln. No. | No Abnormal Change | 24 | 0 | 4.125 | 99 | 1 |
| 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 | | 48 | 0.09 | 0.46938 | 0.65 | 0 |
| TRIHALOMETHANES (SUM OF IDENTIFIED THMS) | ug/l | 100 | 8 | 9.17 | 14.49 | 20.65 | 0 |
| TURBIDITY | NTU | 4 | 24 | <0.13 | 0.15042 | 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 |