

K519 MARTIN MILL WATER SUPPLY ZONE

| Parameter Name | Units | Regulatory Limit (PCV) | No. of Samples | Minimum Result | Average Result | Maximum Result | PCV Breaches |
|--|--------------|------------------------|----------------|----------------|----------------|----------------|--------------|
| ALUMINIUM | ugAl/l | 200 | 4 | <14.5 | <14.5 | <14.5 | 0 |
| AMMONIUM (AMMONIA AND AMMONIUM IONS) | mgNH4/l | 0.5 | 4 | <0.008 | 0.0085 | 0.01 | 0 |
| ANTIMONY | ugSb/l | 5 | 4 | 0.04 | 0.0625 | 0.07 | 0 |
| ARSENIC | ugAs/l | 10 | 4 | 0.19 | 0.2125 | 0.24 | 0 |
| BENZO A PYRENE | ug/l | 0.01 | 4 | <0.00042 | 0.00046 | 0.00057 | 0 |
| CADMIUM | ugCd/l | 5 | 4 | <0.01 | 0.025 | 0.03 | 0 |
| CHROMIUM | ugCr/l | 50 | 4 | 0.17 | 0.2 | 0.23 | 0 |
| COLIFORM BACTERIA | Number/100ml | 0 | 12 | 0 | 0 | 0 | 0 |
| COLONY COUNT @ 22 C | Number/1ml | No Abnormal Change | 4 | 0 | 0 | 0 | 0 |
| COLOUR | mg/l Pt/Co | 20 | 4 | <3 | <3 | <3 | 0 |
| COPPER | mgCu/l | 2 | 4 | 0.0085 | 0.11865 | 0.344 | 0 |
| E.COLI | Number/100ml | 0 | 12 | 0 | 0 | 0 | 0 |
| ENTEROCOCCI | Number/100ml | 0 | 4 | 0 | 0 | 0 | 0 |
| FREE CHLORINE | mg/l as Cl2 | | 12 | 0.09 | 0.285 | 0.44 | 0 |
| HYDROGEN ION (PH) | pH value | 6.5 - 9.5 | 4 | 7.12 | 7.215 | 7.33 | 0 |
| IRON | ugFe/l | 200 | 4 | <5.23 | <5.23 | <5.23 | 0 |
| LEAD | ugPb/l | 10 | 4 | 0.07 | 0.315 | 0.63 | 0 |
| MANGANESE | ugMn/l | 50 | 4 | <0.85 | <0.85 | <0.85 | 0 |
| NICKEL | ugNi/l | 20 | 4 | 0.55 | 0.865 | 1.1 | 0 |
| NITRATE | mgNO3/l | 50 | 4 | 42.1 | 42.875 | 44 | 0 |
| NITRITE | mgNO2/l | 0.5 | 4 | <0.002 | 0.00275 | 0.003 | 0 |
| NITRITE/NITRATE FORMULA | Number | 1 | 4 | 0.84 | 0.8575 | 0.88 | 0 |
| ODOUR | Diln. No. | No Abnormal Change | 4 | 0 | 0 | 0 | 0 |
| PAH - SUM OF 4 SUBSTANCES | ug/l | 0.1 | 4 | 0 | 0.00018 | 0.0007 | 0 |
| SELENIUM | ugSe/l | 10 | 4 | 0.35 | 0.41 | 0.47 | 0 |
| SODIUM | mgNa/l | 200 | 4 | 16.6 | 17.525 | 18.4 | 0 |
| TASTE | Diln. No. | No Abnormal Change | 4 | 0 | 0 | 0 | 0 |
| TERACHLOROETHENE/TRICHLOROETHENE SUM | ug/l | 10 | 4 | 0 | 0 | 0 | 0 |
| TETRACHLOROMETHANE | ug/l | 3 | 4 | <0.16 | <0.16 | <0.16 | 0 |
| TOTAL CHLORINE | mg/l as Cl2 | | 12 | 0.11 | 0.30917 | 0.46 | 0 |
| TRIHALOMETHANES (SUM OF IDENTIFIED THMS) | ug/l | 100 | 4 | 5.18 | 7.865 | 10 | 0 |
| TURBIDITY | NTU | 4 | 4 | <0.13 | 0.1525 | 0.22 | 0 |

SUTTON 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 |
| BENTAZONE | ug/l | 0.1 | 8 | 0.014 | 0.01513 | 0.016 | 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 | 0.1625 | 0.5 | 0 |
| CHLORIDE | mgCl/l | 250 | 8 | 32.1 | 32.5125 | 32.9 | 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 | 103 | 0 | 0 | 0 | 0 |
| COLONY COUNT @ 22 C | Number/1ml | No Abnormal Change | 103 | 0 | 0.54369 | 36 | 0 |
| CONDUCTIVITY | uS/cm | 2500 | 24 | 515 | 560.33333 | 592 | 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 |
| 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 | 103 | 0 | 0 | 0 | 0 |
| FENPROPIMORPH | ug/l | 0.1 | 8 | <0.01 | <0.01 | <0.01 | 0 |
| FLUORIDE | mgF/l | 1.5 | 8 | 0.09 | 0.09625 | 0.1 | 0 |
| FLUTRIAFOL | ug/l | 0.1 | 8 | <0.005 | <0.005 | <0.005 | 0 |
| FREE CHLORINE | mg/l as Cl2 | | 103 | 0.32 | 0.50417 | 0.68 | 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 | <0.006 | 0.00688 | 0.007 | 0 |
| METAZACHLOR | ug/l | 0.1 | 8 | <0.005 | 0.00575 | 0.006 | 0 |
| METHABENZTHIAZURON | ug/l | 0.1 | 8 | <0.005 | 0.00525 | 0.006 | 0 |
| NITRITE | mgNO2/l | 0.5 | 8 | <0.002 | 0.00288 | 0.003 | 0 |
| PESTICIDES - TOTAL SUBSTANCES | ug/l | 0.5 | 8 | 0.014 | 0.0155 | 0.018 | 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 |
| 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 |
| SPIROXAMINE | ug/l | 0.1 | 8 | <0.005 | 0.006 | 0.009 | 0 |
| SULPHATE | mgSO4/l | 250 | 8 | 18.9 | 20.425 | 21.8 | 0 |
| TERBUTRYN | ug/l | 0.1 | 8 | <0.004 | 0.00475 | 0.005 | 0 |
| TOTAL CHLORINE | mg/l as Cl2 | | 103 | 0.31 | 0.52699 | 0.88 | 0 |
| TOTAL ORGANIC CARBON | mgC/l | No Abnormal Change | 8 | <0.7 | 0.7025 | 0.72 | 0 |

SUTTON WSW

| Parameter Name | Units | Regulatory Limit (PCV) | No. of Samples | Minimum Result | Average Result | Maximum Result | PCV Breaches |
|----------------|-------|------------------------|----------------|----------------|----------------|----------------|--------------|
| TRIALATE | ug/l | 0.1 | 8 | <0.006 | <0.006 | <0.006 | 0 |
| TURBIDITY | NTU | 1 | 103 | <0.13 | 0.1432 | 0.36 | 0 |

DOVER ROAD RINGWOULD 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 | 0.011 | 0.01863 | 0.025 | 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 |
| BROMACIL | ug/l | 0.1 | 8 | <0.011 | 0.014 | 0.015 | 0 |
| BROMATE | ugBr03/l | 10 | 8 | <0.1 | 0.1125 | 0.15 | 0 |
| CHLORIDE | mgCl/l | 250 | 8 | 33.6 | 34.45 | 35.3 | 0 |
| CLOSTRIDIUM PERFRINGENS | Number/100ml | 0 | 8 | 0 | 0 | 0 | 0 |
| COLIFORM BACTERIA | Number/100ml | 0 | 105 | 0 | 0 | 0 | 0 |
| COLONY COUNT @ 22 C | Number/1ml | No Abnormal Change | 104 | 0 | 0.18269 | 2 | 0 |
| CONDUCTIVITY | uS/cm | 2500 | 24 | 556 | 595.5 | 643 | 0 |
| CYANIDE | ugCN/l | 50 | 8 | <1.2 | <1.2 | <1.2 | 0 |
| DIELDRIN | ug/l | 0.03 | 8 | <0.009 | <0.009 | <0.009 | 0 |
| E.COLI | Number/100ml | 0 | 105 | 0 | 0 | 0 | 0 |
| FLUORIDE | mgF/l | 1.5 | 8 | 0.09 | 0.0925 | 0.1 | 0 |
| FREE CHLORINE | mg/l as Cl2 | | 105 | 0.18 | 0.57229 | 0.74 | 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 | 0.05 | 0.08 | 0 |
| METALDEHYDE | ug/l | 0.1 | 8 | <0.007 | <0.007 | <0.007 | 0 |
| METAZACHLOR | ug/l | 0.1 | 8 | <0.005 | 0.00575 | 0.006 | 0 |
| NITRITE | mgNO2/l | 0.5 | 8 | <0.002 | 0.00263 | 0.003 | 0 |
| PESTICIDES - TOTAL SUBSTANCES | ug/l | 0.5 | 8 | 0.011 | 0.01925 | 0.03 | 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 |
| SPIROXAMINE | ug/l | 0.1 | 8 | <0.005 | 0.006 | 0.009 | 0 |
| SULPHATE | mgSO4/l | 250 | 8 | 14.7 | 17.075 | 19.5 | 0 |
| TERBUTRYN | ug/l | 0.1 | 8 | <0.004 | 0.00475 | 0.005 | 0 |
| TOTAL CHLORINE | mg/l as Cl2 | | 105 | 0.34 | 0.58714 | 0.87 | 0 |
| TOTAL ORGANIC CARBON | mgC/l | No Abnormal Change | 8 | <0.7 | <0.7 | <0.7 | 0 |
| TRIAZINE | ug/l | 0.1 | 8 | <0.004 | 0.00438 | 0.005 | 0 |
| TURBIDITY | NTU | 1 | 105 | <0.13 | 0.15333 | 0.47 | 0 |

MARTIN MILL 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 | 0.009 | 0.01325 | 0.016 | 0 |
| BENZENE | ug/l | 1 | 8 | <0.06 | <0.06 | <0.06 | 0 |
| BORON | mgB/l | 1 | 8 | <0.0319 | 0.03205 | 0.0331 | 0 |
| BROMATE | ugBr03/l | 10 | 8 | <0.07 | 0.18375 | 0.7 | 0 |
| CHLORIDE | mgCl/l | 250 | 8 | 35.1 | 36.5875 | 37.4 | 0 |
| CHLOROTHALONIL | ug/l | 0.1 | 8 | <0.006 | <0.006 | <0.006 | 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 | 52 | 0 | 0 | 0 | 0 |
| COLONY COUNT @ 22 C | Number/1ml | No Abnormal Change | 52 | 0 | 0.17308 | 2 | 0 |
| CONDUCTIVITY | uS/cm | 2500 | 12 | 586 | 614.41667 | 631 | 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 | 52 | 0 | 0 | 0 | 0 |
| FLUORIDE | mgF/l | 1.5 | 8 | 0.08 | 0.0925 | 0.1 | 0 |
| FREE CHLORINE | mg/l as Cl2 | | 52 | 0.27 | 0.58269 | 0.76 | 0 |
| GLYPHOSATE | ug/l | 0.1 | 8 | <0.005 | <0.005 | <0.005 | 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 | 0.05 | 0.06 | 0 |
| METALDEHYDE | ug/l | 0.1 | 8 | <0.007 | <0.007 | <0.007 | 0 |
| NITRITE | mgNO2/l | 0.5 | 8 | <0.002 | 0.00275 | 0.003 | 0 |
| PENDIMETHALIN | ug/l | 0.1 | 8 | <0.009 | <0.009 | <0.009 | 0 |
| PESTICIDES - TOTAL SUBSTANCES | ug/l | 0.5 | 8 | 0.009 | 0.01325 | 0.016 | 0 |
| PROPAZINE | ug/l | 0.1 | 8 | <0.005 | <0.005 | <0.005 | 0 |
| QUINMERAC | ug/l | 0.1 | 8 | <0.006 | 0.00825 | 0.009 | 0 |
| SIMAZINE | ug/l | 0.1 | 8 | <0.005 | <0.005 | <0.005 | 0 |
| SULPHATE | mgSO4/l | 250 | 8 | 13.9 | 15.95 | 16.9 | 0 |
| TOTAL CHLORINE | mg/l as Cl2 | | 52 | 0.24 | 0.60154 | 0.77 | 0 |
| TOTAL ORGANIC CARBON | mgC/l | No Abnormal Change | 8 | <0.7 | <0.7 | <0.7 | 0 |
| TRIEAZINE | ug/l | 0.1 | 8 | <0.004 | 0.00425 | 0.005 | 0 |
| TURBIDITY | NTU | 1 | 52 | <0.13 | 0.15519 | 0.4 | 0 |

MARTIN GORSE 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 |
| BENAZOLIN | ug/l | 0.1 | 8 | <0.013 | <0.013 | <0.013 | 0 |
| BENTAZONE | ug/l | 0.1 | 8 | 0.038 | 0.055 | 0.065 | 0 |
| BENZENE | ug/l | 1 | 8 | <0.06 | <0.06 | <0.06 | 0 |
| BORON | mgB/l | 1 | 8 | 0.0263 | 0.0312 | 0.0319 | 0 |
| BROMATE | ugBr03/l | 10 | 8 | <0.07 | 0.115 | 0.2 | 0 |
| CARBENDAZIM | ug/l | 0.1 | 8 | <0.005 | <0.005 | <0.005 | 0 |
| CHLORIDE | mgCl/l | 250 | 8 | 32 | 32.4875 | 32.8 | 0 |
| CLOSTRIDIUM PERFRINGENS | Number/100ml | 0 | 8 | 0 | 0 | 0 | 0 |
| COLIFORM BACTERIA | Number/100ml | 0 | 104 | 0 | 0 | 0 | 0 |
| COLONY COUNT @ 22 C | Number/1ml | No Abnormal Change | 104 | 0 | 0.22115 | 3 | 0 |
| CONDUCTIVITY | uS/cm | 2500 | 24 | 562 | 585.20833 | 634 | 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 |
| DIELDRIN | ug/l | 0.03 | 8 | <0.009 | <0.009 | <0.009 | 0 |
| E.COLI | Number/100ml | 0 | 104 | 0 | 0 | 0 | 0 |
| FLUORIDE | mgF/l | 1.5 | 8 | 0.08 | 0.085 | 0.09 | 0 |
| FLUTRIAFOL | ug/l | 0.1 | 8 | <0.005 | <0.005 | <0.005 | 0 |
| FREE CHLORINE | mg/l as Cl2 | | 104 | 0.25 | 0.40894 | 0.81 | 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 |
| LINURON | ug/l | 0.1 | 8 | <0.009 | 0.00975 | 0.01 | 0 |
| MERCURY | ugHg/l | 1 | 8 | <0.04 | 0.05 | 0.06 | 0 |
| METAZACHLOR | ug/l | 0.1 | 8 | <0.005 | 0.00638 | 0.009 | 0 |
| METHABENZTHIAZURON | ug/l | 0.1 | 8 | <0.005 | 0.00525 | 0.006 | 0 |
| NITRITE | mgNO2/l | 0.5 | 8 | <0.002 | 0.00263 | 0.003 | 0 |
| PENDIMETHALIN | ug/l | 0.1 | 8 | <0.009 | <0.009 | <0.009 | 0 |
| PESTICIDES - TOTAL SUBSTANCES | ug/l | 0.5 | 8 | 0.038 | 0.058 | 0.077 | 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 |
| QUINMERAC | ug/l | 0.1 | 8 | <0.006 | 0.00825 | 0.009 | 0 |
| SIMAZINE | ug/l | 0.1 | 8 | <0.005 | <0.005 | <0.005 | 0 |
| SPIROXAMINE | ug/l | 0.1 | 8 | <0.005 | 0.006 | 0.009 | 0 |
| SULPHATE | mgSO4/l | 250 | 8 | 15.7 | 17.1125 | 18.4 | 0 |
| TERBUTRYN | ug/l | 0.1 | 8 | <0.004 | 0.00475 | 0.005 | 0 |
| TOTAL CHLORINE | mg/l as Cl2 | | 104 | 0.25 | 0.43 | 0.82 | 0 |

MARTIN GORSE WSW

| Parameter Name | Units | Regulatory Limit (PCV) | No. of Samples | Minimum Result | Average Result | Maximum Result | PCV Breaches |
|----------------------|-------|------------------------|----------------|----------------|----------------|----------------|--------------|
| TOTAL ORGANIC CARBON | mgC/l | No Abnormal Change | 8 | <0.7 | 0.73125 | 0.95 | 0 |
| TRIAZINE | ug/l | 0.1 | 8 | <0.004 | 0.00425 | 0.005 | 0 |
| TURBIDITY | NTU | 1 | 104 | <0.13 | 0.16038 | 0.5 | 0 |