

K515 ADISHAM 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 | 11.96667 | 14.5 | 0 |
| AMMONIUM (AMMONIA AND AMMONIUM IONS) | mgNH4/l | 0.5 | 8 | <0.008 | 0.009 | 0.01 | 0 |
| ANTIMONY | ugSb/l | 5 | 8 | 0.05 | 0.0675 | 0.07 | 0 |
| ARSENIC | ugAs/l | 10 | 8 | 0.21 | 0.24 | 0.26 | 0 |
| BENZO A PYRENE | ug/l | 0.01 | 8 | <0.00042 | 0.00046 | 0.00057 | 0 |
| CADMIUM | ugCd/l | 5 | 8 | <0.01 | 0.0275 | 0.03 | 0 |
| CHROMIUM | ugCr/l | 50 | 8 | 0.22 | 0.2625 | 0.3 | 0 |
| COLIFORM BACTERIA | Number/100ml | 0 | 48 | 0 | 0 | 0 | 0 |
| COLONY COUNT @ 22 C | Number/1ml | No Abnormal Change | 24 | 0 | 3.875 | 88 | 0 |
| COLOUR | mg/l Pt/Co | 20 | 24 | <3 | <3 | <3 | 0 |
| COPPER | mgCu/l | 2 | 8 | 0.0048 | 0.06629 | 0.134 | 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 | 0.2 | 0.62708 | 1.03 | 0 |
| HYDROGEN ION (PH) | pH value | 6.5 - 9.5 | 24 | 7.02 | 7.31583 | 7.44 | 0 |
| IRON | ugFe/l | 200 | 24 | <3.72 | 5.38958 | 17 | 0 |
| LEAD | ugPb/l | 10 | 8 | 0.07 | 0.14625 | 0.31 | 0 |
| MANGANESE | ugMn/l | 50 | 24 | <0.3 | 0.64375 | 0.85 | 0 |
| NICKEL | ugNi/l | 20 | 8 | 1.02 | 1.99875 | 7.03 | 0 |
| NITRATE | mgNO3/l | 50 | 8 | 40 | 41.2125 | 43 | 0 |
| NITRITE | mgNO2/l | 0.5 | 8 | <0.002 | 0.00263 | 0.003 | 0 |
| NITRITE/NITRATE FORMULA | Number | 1 | 8 | 0.8 | 0.8225 | 0.86 | 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 | 0.52 | 0.60875 | 0.8 | 0 |
| SODIUM | mgNa/l | 200 | 8 | 21.6 | 22.1 | 22.5 | 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 | | 48 | 0.29 | 0.67562 | 1.01 | 0 |
| TRIHALOMETHANES (SUM OF IDENTIFIED THMS) | ug/l | 100 | 8 | 7.32 | 9.2275 | 13.99 | 0 |
| TURBIDITY | NTU | 4 | 24 | <0.13 | 0.14958 | 0.41 | 0 |

WINGHAM WSW

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|-------------------------|--------------|------------------------|----------------|----------------|----------------|----------------|--------------|
| 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 | 0.00788 | 0.012 | 0 |
| BENZENE | ug/l | 1 | 8 | <0.06 | <0.06 | <0.06 | 0 |
| BORON | mgB/l | 1 | 8 | 0.0326 | 0.03736 | 0.0454 | 0 |
| BROMACIL | ug/l | 0.1 | 8 | <0.011 | 0.014 | 0.015 | 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 | 43.6 | 46.475 | 54.7 | 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 | 208 | 0 | 0 | 0 | 0 |
| COLONY COUNT @ 22 C | Number/1ml | No Abnormal Change | 208 | 0 | 1.66346 | 300 | 0 |
| CONDUCTIVITY | uS/cm | 2500 | 36 | 527 | 633.27778 | 681 | 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 | 208 | 0 | 0 | 0 | 0 |
| EPOXICONAZOLE | ug/l | 0.1 | 8 | <0.005 | 0.00525 | 0.006 | 0 |
| FENPROIMORPH | ug/l | 0.1 | 8 | <0.01 | <0.01 | <0.01 | 0 |
| FLUORIDE | mgF/l | 1.5 | 8 | 0.11 | 0.1175 | 0.12 | 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 | 0.00925 | 0.01 | 0 |
| FREE CHLORINE | mg/l as Cl2 | | 208 | 0.24 | 0.88952 | 1.13 | 0 |
| GAMMA HCH | ug/l | 0.1 | 8 | <0.005 | <0.005 | <0.005 | 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 |
| ISOPROTURON | ug/l | 0.1 | 8 | <0.005 | <0.005 | <0.005 | 0 |
| MCPB | ug/l | 0.1 | 8 | <0.008 | <0.008 | <0.008 | 0 |
| MERCURY | ugHg/l | 1 | 8 | <0.04 | 0.05 | 0.06 | 0 |
| METALDEHYDE | ug/l | 0.1 | 8 | <0.006 | 0.0095 | 0.028 | 0 |
| METAZACHLOR | ug/l | 0.1 | 8 | <0.005 | 0.01113 | 0.013 | 0 |
| METHABENZTHIAZURON | ug/l | 0.1 | 8 | <0.005 | 0.00525 | 0.006 | 0 |
| NITRITE | mgNO2/l | 0.5 | 8 | <0.002 | 0.003 | 0.005 | 0 |

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| PENDIMETHALIN | ug/l | 0.1 | 8 | <0.009 | <0.009 | <0.009 | 0 |
| PESTICIDES - TOTAL SUBSTANCES | ug/l | 0.5 | 8 | 0 | 0.02863 | 0.042 | 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 |
| PROPICONAZOLE | ug/l | 0.1 | 8 | <0.007 | 0.0075 | 0.009 | 0 |
| QUINMERAC | ug/l | 0.1 | 8 | <0.006 | 0.00825 | 0.009 | 0 |
| SIMAZINE | ug/l | 0.1 | 8 | <0.005 | 0.0055 | 0.006 | 0 |
| SPIROXAMINE | ug/l | 0.1 | 8 | <0.005 | 0.006 | 0.009 | 0 |
| SULPHATE | mgSO4/l | 250 | 8 | 27.9 | 29.5625 | 31.8 | 0 |
| TEBUCONAZOLE | ug/l | 0.1 | 8 | <0.005 | 0.00525 | 0.006 | 0 |
| TERBUTRYN | ug/l | 0.1 | 8 | <0.004 | 0.00475 | 0.005 | 0 |
| TOTAL CHLORINE | mg/l as Cl2 | | 208 | 0.24 | 0.91846 | 1.16 | 0 |
| TOTAL ORGANIC CARBON | mgC/l | No Abnormal Change | 8 | <0.7 | <0.7 | <0.7 | 0 |
| TRIFLURAZINE | ug/l | 0.1 | 8 | <0.005 | 0.00638 | 0.008 | 0 |
| TURBIDITY | NTU | 1 | 208 | <0.13 | 0.15577 | 0.43 | 0 |