

Data Summary Tables for Dŵr Cymru Welsh Water (DWR)

These tables contain a summary of results of monitoring undertaken by the water company in 2010 and submitted to the Drinking Water Inspectorate. The tables are published by the Inspectorate as part of the Chief Inspector's Report entitled 'Drinking water 2010'.

The tables and full content of the Drinking Water Inspectorate's annual report are available on the Inspectorate's website at <http://www.dwi.gov.uk>

Notes relating to the interpretation of the tables : -

Columns on the following tables that are headed '1 percentile representing a minimum' and '99 percentile representing a maximum' contain figures for the 1 percentile and 99 percentile sample results respectively except where less than 100 samples were taken, when the figures are the actual maximum and minimum results.

The symbol < indicates that the result was less than the limit of detection of the analytical method used.

Published 7 July 2011
Drinking Water Inspectorate
Area 4a
Ergon House
Horseferry Road
London
SW1P 2AL

Enquiries : 030 0068 6400

Viewing Site Summary Data for Dŵr Cymru (Welsh Water)

Report Date Range: For the whole year 2010

Table DWR 1: Quality of water leaving treatment works - European Standards

| Parameter Name | Parameter Code | Prescribed Concentration or Value | Total Number of Tests | Tests Failed | 1 percentile (representing a minimum) | 99 percentile (representing a maximum) | No. of works with failures |
|-----------------|----------------|-----------------------------------|-----------------------|--------------|---------------------------------------|--|----------------------------|
| Nitrite (Works) | A013B | 0.1 mg NO ₂ /l | 1,811 | 0 | < 0.00298844 | 0.016 | 0 |
| Totals: | | | 1,811 | 0 | | | |

Table DWR 2: Quality of water leaving treatment works - National Standards

| Parameter Name | Parameter Code | Prescribed Concentration or Value | Total Number of Tests | Tests Failed | 1 percentile (representing a minimum) | 99 percentile (representing a maximum) | No. of works with failures |
|-------------------|----------------|-----------------------------------|-----------------------|--------------|---------------------------------------|--|----------------------------|
| Coliform Bacteria | C001 | 0 number/100 ml | 11,764 | 6 | 0 | 0 | 6 |
| Cryptosporidium | C111 | n/a | 5,831 | | | | |
| E Coli | C002 | 0 number/100 ml | 11,764 | 2 | 0 | 0 | 2 |
| Totals: | | | 29,359 | 8 | | | |

Table DWR 3: Quality of water leaving treatment works - Additional Monitoring Requirements

| Parameter Name | Parameter Code | Prescribed Concentration or Value | Total Number of Tests | Tests exceeding specification | 1 percentile (representing a minimum) | 99 percentile (representing a maximum) |
|---|----------------|-----------------------------------|-----------------------|-------------------------------|---------------------------------------|--|
| Colony Counts After 3 Days At 22°C (Indicator) | C007 | No abnormal change | 11,745 | n/a | < 1 | 11 |
| Colony Counts After 48 Hours At 37°C (Indicator) | C013 | No abnormal change | 11,764 | n/a | < 1 | 3 |
| Residual Disinfectant - Free | C009 | No abnormal change | 11,774 | n/a | < 0.02 | 1.31 |
| Residual Disinfectant - Total | C010 | No abnormal change | 11,774 | n/a | 0.35 | 1.64 |
| Combined Chlorine/Residual Disinfectant Combined* | n/a | n/a | (11,774) | n/a | 0.01 | 1.55 |
| Turbidity (Indicator) | A002A | 1 nephelometric turbidity units | 11,668 | 18 | < 0.03 | 0.32 |
| Totals: | | | 58,725 | 18 | | |

*Residual disinfectant combined is presented for information. It is not a parameter required by the regulations. It is derived from the parameters 'Residual Disinfectant - Total' minus 'Residual Disinfectant - Free'.

Table DWR 4: Quality of water leaving service reservoirs - National Standards

| Parameter Name | Parameter Code | Prescribed Concentration or Value | Total Number of Tests | Tests Failed | 1 percentile (representing a minimum) | 99 percentile (representing a maximum) | No. of reservoirs failing standard |
|-------------------|----------------|-----------------------------------|-----------------------|--------------|---------------------------------------|--|------------------------------------|
| Coliform Bacteria | C001 | 0 number/100 ml | 19,503 | 12 | 0 | 0 | 0 |
| E Coli | C002 | 0 number/100 ml | 19,502 | 1 | 0 | 0 | 1 |
| Totals: | | | 39,005 | 13 | | | |

Table DWR 5: Quality of water leaving service reservoirs - Additional Monitoring Requirements

| Parameter Name | Parameter Code | Prescribed Concentration or Value | Total Number of Tests | Tests exceeding specification | 1 percentile (representing a minimum) | 99 percentile (representing a maximum) |
|---|----------------|-----------------------------------|-----------------------|-------------------------------|---------------------------------------|--|
| Colony Counts After 3 Days At 22°C (Indicator) | C007 | No abnormal change | 19,472 | n/a | < 1 | 31 |
| Colony Counts After 48 Hours At 37°C (Indicator) | C013 | No abnormal change | 19,502 | n/a | < 1 | 4 |
| Residual Disinfectant - Free | C009 | No abnormal change | 19,498 | n/a | < 0.02 | 0.83 |
| Residual Disinfectant - Total | C010 | No abnormal change | 19,498 | n/a | 0.11 | 1.38 |
| Combined Chlorine/Residual Disinfectant Combined* | n/a | n/a | (19,498) | n/a | 0.01 | 1.31 |
| Totals: | | | 77,970 | 0 | | |

*Residual disinfectant combined is presented for information. It is not a parameter required by the regulations. It is derived from the parameters 'Residual Disinfectant - Total' minus 'Residual Disinfectant - Free'.

Table DWR 6: Quality of water leaving bulk supply points - European Standards

| Parameter Name | Parameter Code | Prescribed Concentration or Value | Total Number of Tests | Tests Failed | 1 percentile (representing a minimum) | 99 percentile (representing a maximum) | No. of supply points with failures |
|--|----------------|-----------------------------------|-----------------------|--------------|---------------------------------------|--|------------------------------------|
| 1,2 Dichloroethane | F001 | 3 µg/l | 239 | 0 | < 0.08 | < 0.08 | 0 |
| Benzene | F002 | 1 µg/l | 239 | 0 | < 0.06 | < 0.06 | 0 |
| Boron | D005A | 1 mg B/l | 239 | 0 | < 0.017 | 0.0278 | 0 |
| Bromate | F003 | 10 µg BrO ₃ /l | 64 | 0 | < 0.0006 | < 0.0019 | 0 |
| Cyanide | B003 | 50 µg CN/l | 238 | 0 | < 0.3 | < 1.6 | 0 |
| Fluoride | A027 | 1.5 mg F/l | 239 | 0 | < 0.009 | 0.0844 | 0 |
| Mercury | B005 | 1 µg Hg/l | 239 | 0 | < 0.012 | < 0.012 | 0 |
| Pesticides - Total Substances | B010 | 0.5 µg/l | 246 | 0 | 0 | 0.04796 | 0 |
| Pesticides 2,4,5-T | P076 | 0.1 µg/l | 164 | 0 | < 0.002 | < 0.002 | 0 |
| Pesticides 2,4,-Db | P082 | 0.1 µg/l | 164 | 0 | < 0.002 | < 0.002 | 0 |
| Pesticides 2,4-D | P020 | 0.1 µg/l | 164 | 0 | < 0.002 | 0.01215 | 0 |
| Pesticides Aldrin | P002 | 0.03 µg/l | 239 | 0 | < 0.003 | < 0.003 | 0 |
| Pesticides Alpha-HCH | P003 | 0.1 µg/l | 239 | 0 | < 0.002 | < 0.002 | 0 |
| Pesticides Asulam | P133 | 0.1 µg/l | 171 | 0 | < 0.007 | < 0.007 | 0 |
| Pesticides Atrazine | P004 | 0.1 µg/l | 233 | 0 | < 0.003 | < 0.003 | 0 |
| Pesticides Benazolin | P138 | 0.1 µg/l | 163 | 0 | < 0.002 | < 0.002 | 0 |
| Pesticides Beta-HCH | P007 | 0.1 µg/l | 239 | 0 | < 0.002 | < 0.002 | 0 |
| Pesticides Bromoxynil | P008 | 0.1 µg/l | 164 | 0 | < 0.002 | 0.00235 | 0 |
| Pesticides Captan | P192 | 0.1 µg/l | 15 | 0 | < 0.002 | < 0.002 | 0 |
| Pesticides Carbendazim | P150 | 0.1 µg/l | 100 | 0 | < 0.002 | < 0.002 | 0 |
| Pesticides Chlorfenvinphos | P013 | 0.1 µg/l | 240 | 0 | < 0.005 | < 0.005 | 0 |
| Pesticides Chlorothalonil | P015 | 0.1 µg/l | 15 | 0 | < 0.003 | < 0.003 | 0 |
| Pesticides Chlorpyrifos | P017 | 0.1 µg/l | 240 | 0 | < 0.01 | < 0.01 | 0 |
| Pesticides Chlortoluron | P014 | 0.1 µg/l | 100 | 0 | < 0.004 | < 0.004 | 0 |
| Pesticides Diazinon | P024 | 0.1 µg/l | 240 | 0 | < 0.006 | < 0.006 | 0 |
| Pesticides Dicamba | P025 | 0.1 µg/l | 164 | 0 | < 0.002 | < 0.002 | 0 |
| Pesticides Dichlorprop | P026 | 0.1 µg/l | 164 | 0 | < 0.002 | < 0.0041 | 0 |
| Pesticides Dieldrin | P028 | 0.03 µg/l | 239 | 0 | < 0.002 | < 0.002 | 0 |
| Pesticides Diuron | P032 | 0.1 µg/l | 108 | 0 | < 0.003 | < 0.003 | 0 |
| Pesticides Endosulfan A (alpha-Endosulfan) | P101 | 0.1 µg/l | 15 | 0 | < 0.003 | < 0.003 | 0 |
| Pesticides Endosulfan B (beta-Endosulfan) | P102 | 0.1 µg/l | 15 | 0 | < 0.003 | < 0.003 | 0 |
| Pesticides Endrin | P034 | 0.1 µg/l | 15 | 0 | < 0.003 | < 0.003 | 0 |
| Pesticides Ethofumersate | P221 | 0.1 µg/l | 233 | 0 | < 0.006 | < 0.006 | 0 |

| | | | | | | | |
|---|-------|-----------|--------------|----------|---------|---------|---|
| Pesticides Fenpropidin | P168 | 0.1 µg/l | 233 | 0 | < 0.004 | < 0.004 | 0 |
| Pesticides Fenpropimorph | P037 | 0.1 µg/l | 233 | 0 | < 0.002 | < 0.002 | 0 |
| Pesticides Gamma-HCH (Lindane) | P041 | 0.1 µg/l | 15 | 0 | < 0.002 | < 0.002 | 0 |
| Pesticides Glyphosate | P042 | 0.1 µg/l | 32 | 0 | < 0.006 | < 0.006 | 0 |
| Pesticides Heptachlor | P043 | 0.03 µg/l | 239 | 0 | < 0.002 | < 0.002 | 0 |
| Pesticides Heptachlor epoxide | P044 | 0.03 µg/l | 239 | 0 | < 0.002 | < 0.002 | 0 |
| Pesticides Hexachlorobenzene | P045 | 0.1 µg/l | 15 | 0 | < 0.002 | < 0.002 | 0 |
| Pesticides Ioxynil | P049 | 0.1 µg/l | 164 | 0 | < 0.001 | < 0.001 | 0 |
| Pesticides Isoproturon | P048 | 0.1 µg/l | 100 | 0 | < 0.002 | < 0.002 | 0 |
| Pesticides Linuron | P051 | 0.1 µg/l | 100 | 0 | < 0.005 | < 0.005 | 0 |
| Pesticides MCPA | P054 | 0.1 µg/l | 164 | 0 | < 0.002 | 0.05585 | 0 |
| Pesticides MCPB | P055 | 0.1 µg/l | 164 | 0 | < 0.002 | < 0.002 | 0 |
| Pesticides MCPP(Mecoprop) | P053 | 0.1 µg/l | 164 | 0 | < 0.002 | 0.00935 | 0 |
| Pesticides Metamitron | P194 | 0.1 µg/l | 100 | 0 | < 0.003 | < 0.003 | 0 |
| Pesticides Methabenzthiazuron | P167 | 0.1 µg/l | 100 | 0 | < 0.003 | < 0.003 | 0 |
| Pesticides op-DDD (TDE) | P114 | 0.1 µg/l | 15 | 0 | < 0.002 | < 0.002 | 0 |
| Pesticides op-DDE | P115 | 0.1 µg/l | 15 | 0 | < 0.002 | < 0.002 | 0 |
| Pesticides op-DDT | P116 | 0.1 µg/l | 15 | 0 | < 0.002 | < 0.002 | 0 |
| Pesticides Parathion (Parathion ethyl) | P059 | 0.1 µg/l | 240 | 0 | < 0.006 | < 0.05 | 0 |
| Pesticides Pentachlorophenol | P060 | 0.1 µg/l | 164 | 0 | < 0.002 | < 0.002 | 0 |
| Pesticides Permethrin | P119 | 0.1 µg/l | 15 | 0 | < 0.004 | < 0.004 | 0 |
| Pesticides pp-DDD (TDE) | P123 | 0.1 µg/l | 15 | 0 | < 0.003 | < 0.003 | 0 |
| Pesticides pp-DDE | P124 | 0.1 µg/l | 15 | 0 | < 0.002 | < 0.002 | 0 |
| Pesticides pp-DDT | P125 | 0.1 µg/l | 15 | 0 | < 0.002 | < 0.002 | 0 |
| Pesticides Propachlor | P126 | 0.1 µg/l | 233 | 0 | < 0.005 | < 0.005 | 0 |
| Pesticides Propazine | P066 | 0.1 µg/l | 233 | 0 | < 0.004 | < 0.004 | 0 |
| Pesticides Propetamphos | P069 | 0.1 µg/l | 240 | 0 | < 0.007 | < 0.007 | 0 |
| Pesticides Propyzamide | P071 | 0.1 µg/l | 15 | 0 | < 0.004 | < 0.004 | 0 |
| Pesticides Simazine | P073 | 0.1 µg/l | 233 | 0 | < 0.007 | < 0.007 | 0 |
| Pesticides Terbutryn | P077 | 0.1 µg/l | 233 | 0 | < 0.003 | < 0.003 | 0 |
| Pesticides Trietazine | P132 | 0.1 µg/l | 233 | 0 | < 0.006 | < 0.006 | 0 |
| Pesticides Trifluralin | P081 | 0.1 µg/l | 15 | 0 | < 0.002 | < 0.002 | 0 |
| Tetrachloroethene/Trichloroethene - sum of two substances | D009B | 10 µg/l | 238 | 0 | 0 | 0 | 0 |
| Totals: | | | 9,830 | 0 | | | |

Table DWR 7: Quality of water leaving bulk supply points - National Standards

| Parameter Name | Parameter Code | Prescribed Concentration or Value | Total Number of Tests | Tests Failed | 1 percentile (representing a minimum) | 99 percentile (representing a maximum) | No. of supply points with failures |
|--------------------|----------------|-----------------------------------|-----------------------|--------------|---------------------------------------|--|------------------------------------|
| Tetrachloromethane | D008 | 3 µg/l | 238 | 0 | < 0.018 | 0.066646 | 0 |
| Totals: | | | 238 | 0 | | | |

Table DWR 8: Quality of water leaving bulk supply points - Additional Monitoring Requirements

| Parameter Name | Parameter Code | Prescribed Concentration or Value | Total Number of Tests | Tests exceeding specification | 1 percentile (representing a minimum) | 99 percentile (representing a maximum) |
|-------------------------------------|----------------|-----------------------------------|-----------------------|-------------------------------|---------------------------------------|--|
| Chloride (Indicator) | D002A | 250 mg Cl/l | 238 | 0 | 5.2302 | 34.754 |
| Clostridium Perfringens (Indicator) | C004A | 0 number/100 ml | 1,210 | 2 | 0 | 0 |
| Conductivity (Indicator) | D001 | 2500 µS/cm | 814 | 0 | 55.05 | 509.9 |
| Gross Alpha Activity | F004 | 0.1 Bq/l | 239 | 0 | < 0.0024 | 0.0618 |
| Gross Beta Activity | F005 | 1 Bq/l | 239 | 0 | 0.002 | 0.082 |
| Sulphate (Indicator) | A007 | 250 mg SO4/l | 239 | 0 | < 0.21 | 64.14 |
| Total organic carbon (indicator) | A017 | No abnormal change | 238 | n/a | < 0.12 | 2.0005 |
| Tritium (Indicator) | F006 | 100 Bq/l | 238 | 0 | < 5 | < 5 |
| Totals: | | | 3,455 | 2 | | |

Table DWR 9: Quality of water at consumer's tap (zones) - European Standards

| Parameter Name | Parameter Code | Prescribed Concentration or Value | Total Number of Tests | Tests Failed | 1 percentile (representing a minimum) | 99 percentile (representing a maximum) | No. of zones with failures |
|-------------------------------|----------------|-----------------------------------|-----------------------|--------------|---------------------------------------|--|----------------------------|
| 1,2 Dichloroethane | F001 | 3 µg/l | 348 | 0 | < 0.08 | < 0.08 | 0 |
| Antimony | B008A | 5 µg Sb/l | 581 | 0 | < 0.12 | 0.2 | 0 |
| Arsenic | B001A | 10 µg As/l | 581 | 0 | < 0.37 | 0.8318 | 0 |
| Benzene | F002 | 1 µg/l | 347 | 0 | < 0.06 | 0.07 | 0 |
| Benzo (a) Pyrene | D007 | 0.01 µg/l | 581 | 1 | < 0.001 | < 0.002 | 1 |
| Boron | D005A | 1 mg B/l | 348 | 0 | < 0.017 | < 0.01802 | 0 |
| Bromate | F003 | 10 µg BrO3/l | 523 | 0 | < 0.0006 | 0.003476 | 0 |
| Cadmium | B002 | 5 µg Cd/l | 581 | 0 | < 0.06 | < 0.06 | 0 |
| Chromium | B004 | 50 µg Cr/l | 581 | 0 | < 0.7 | 1.162 | 0 |
| Copper | A024A | 2 mg Cu/l | 581 | 0 | < 0.0027 | 0.21744 | 0 |
| Cyanide | B003 | 50 µg CN/l | 350 | 0 | < 0.3 | 2.898 | 0 |
| E Coli | C002 | 0 number/100 ml | 7,731 | 0 | 0 | 0 | 0 |
| Enterococci | C003 | 0 number/100 ml | 580 | 0 | 0 | 0 | 0 |
| Fluoride | A027 | 1.5 mg F/l | 348 | 0 | < 0.009 | 0.07 | 0 |
| Lead | B007A | 25 µg Pb/l | 581 | 1 | < 0.5 | 7.062 | 1 |
| Mercury | B005 | 1 µg Hg/l | 347 | 0 | < 0.012 | < 0.012 | 0 |
| Nickel | B006A | 20 µg Ni/l | 581 | 0 | < 0.9 | 2.7 | 0 |
| Nitrate | A012 | 50 mg NO3/l | 848 | 0 | < 0.2798 | 22.4393 | 0 |
| Nitrate/Nitrite Formula | A013C | 1 mg NO2/l | 848 | 0 | 0 | 0.44906 | 0 |
| Nitrite (Consumers tap) | A013A | 0.5 mg NO2/l | 855 | 4 | < 0.00298844 | 0.358143 | 2 |
| Pesticides - Total Substances | B010 | 0.5 µg/l | 372 | 0 | 0 | 0.00881 | 0 |
| Pesticides 2,4,5-T | P076 | 0.1 µg/l | 316 | 0 | < 0.002 | < 0.002 | 0 |
| Pesticides 2,4,-Db | P082 | 0.1 µg/l | 316 | 0 | < 0.002 | < 0.002 | 0 |
| Pesticides 2,4-D | P020 | 0.1 µg/l | 316 | 0 | < 0.002 | < 0.00532 | 0 |
| Pesticides Aldrin | P002 | 0.03 µg/l | 347 | 0 | < 0.003 | < 0.003 | 0 |
| Pesticides Alpha-HCH | P003 | 0.1 µg/l | 347 | 0 | < 0.002 | < 0.002 | 0 |
| Pesticides Asulam | P133 | 0.1 µg/l | 345 | 0 | < 0.007 | < 0.007 | 0 |
| Pesticides Atrazine | P004 | 0.1 µg/l | 350 | 0 | < 0.003 | < 0.003 | 0 |
| Pesticides Benazolin | P138 | 0.1 µg/l | 316 | 0 | < 0.002 | < 0.002 | 0 |
| Pesticides Beta-HCH | P007 | 0.1 µg/l | 348 | 0 | < 0.002 | < 0.002 | 0 |
| Pesticides Bromoxynil | P008 | 0.1 µg/l | 316 | 0 | < 0.002 | 0.002 | 0 |
| Pesticides Captan | P192 | 0.1 µg/l | 105 | 0 | < 0.002 | < 0.00764 | 0 |
| Pesticides Carbendazim | P150 | 0.1 µg/l | 256 | 0 | < 0.002 | < 0.002 | 0 |
| Pesticides Chlorfenvinphos | P013 | 0.1 µg/l | 350 | 0 | < 0.005 | < 0.005 | 0 |
| Pesticides Chlorothalonil | P015 | 0.1 µg/l | 105 | 0 | < 0.003 | < 0.003 | 0 |

| | | | | | | |
|--|------|-----------|-----|-----------|---------|---|
| Pesticides Chlorpyrifos | P017 | 0.1 µg/l | 351 | 0 < 0.01 | < 0.01 | 0 |
| Pesticides Chlortoluron | P014 | 0.1 µg/l | 254 | 0 < 0.004 | < 0.004 | 0 |
| Pesticides Diazinon | P024 | 0.1 µg/l | 350 | 0 < 0.006 | < 0.006 | 0 |
| Pesticides Dicamba | P025 | 0.1 µg/l | 316 | 0 < 0.002 | < 0.002 | 0 |
| Pesticides Dichlorprop | P026 | 0.1 µg/l | 316 | 0 < 0.002 | < 0.002 | 0 |
| Pesticides Dieldrin | P028 | 0.03 µg/l | 346 | 0 < 0.002 | < 0.002 | 0 |
| Pesticides Diuron | P032 | 0.1 µg/l | 256 | 0 < 0.003 | < 0.003 | 0 |
| Pesticides Endosulfan A (alpha-Endosulfan) | P101 | 0.1 µg/l | 105 | 0 < 0.003 | < 0.003 | 0 |
| Pesticides Endosulfan B (beta-Endosulfan) | P102 | 0.1 µg/l | 105 | 0 < 0.003 | < 0.003 | 0 |
| Pesticides Endrin | P034 | 0.1 µg/l | 105 | 0 < 0.003 | < 0.003 | 0 |
| Pesticides Ethofumersate | P221 | 0.1 µg/l | 350 | 0 < 0.006 | < 0.006 | 0 |
| Pesticides Fenpropidin | P168 | 0.1 µg/l | 351 | 0 < 0.004 | < 0.004 | 0 |
| Pesticides Fenpropimorph | P037 | 0.1 µg/l | 351 | 0 < 0.002 | < 0.002 | 0 |
| Pesticides Gamma-HCH (Lindane) | P041 | 0.1 µg/l | 105 | 0 < 0.002 | < 0.002 | 0 |
| Pesticides Glyphosate | P042 | 0.1 µg/l | 145 | 0 < 0.006 | < 0.006 | 0 |
| Pesticides Heptachlor | P043 | 0.03 µg/l | 347 | 0 < 0.002 | < 0.002 | 0 |
| Pesticides Heptachlor epoxide | P044 | 0.03 µg/l | 347 | 0 < 0.002 | < 0.002 | 0 |
| Pesticides Hexachlorobenzene | P045 | 0.1 µg/l | 105 | 0 < 0.002 | < 0.002 | 0 |
| Pesticides Ioxynil | P049 | 0.1 µg/l | 316 | 0 < 0.001 | < 0.001 | 0 |
| Pesticides Isoproturon | P048 | 0.1 µg/l | 254 | 0 < 0.002 | < 0.002 | 0 |
| Pesticides Linuron | P051 | 0.1 µg/l | 255 | 0 < 0.005 | < 0.005 | 0 |
| Pesticides MCPA | P054 | 0.1 µg/l | 316 | 0 < 0.002 | < 0.002 | 0 |
| Pesticides MCPB | P055 | 0.1 µg/l | 316 | 0 < 0.002 | < 0.002 | 0 |
| Pesticides MCPP(Mecoprop) | P053 | 0.1 µg/l | 315 | 0 < 0.002 | < 0.002 | 0 |
| Pesticides Metamitron | P194 | 0.1 µg/l | 255 | 0 < 0.003 | < 0.003 | 0 |
| Pesticides Methabenzthiazuron | P167 | 0.1 µg/l | 256 | 0 < 0.003 | < 0.003 | 0 |
| Pesticides op-DDD (TDE) | P114 | 0.1 µg/l | 105 | 0 < 0.002 | < 0.002 | 0 |
| Pesticides op-DDE | P115 | 0.1 µg/l | 105 | 0 < 0.002 | < 0.002 | 0 |
| Pesticides op-DDT | P116 | 0.1 µg/l | 105 | 0 < 0.002 | < 0.003 | 0 |
| Pesticides Parathion (Parathion ethyl) | P059 | 0.1 µg/l | 351 | 0 < 0.006 | < 0.05 | 0 |
| Pesticides Pentachlorophenol | P060 | 0.1 µg/l | 316 | 0 < 0.002 | < 0.002 | 0 |
| Pesticides Permethrin | P119 | 0.1 µg/l | 105 | 0 < 0.004 | < 0.004 | 0 |
| Pesticides pp-DDD (TDE) | P123 | 0.1 µg/l | 105 | 0 < 0.002 | < 0.003 | 0 |
| Pesticides pp-DDE | P124 | 0.1 µg/l | 105 | 0 < 0.002 | < 0.002 | 0 |
| Pesticides pp-DDT | P125 | 0.1 µg/l | 105 | 0 < 0.002 | < 0.002 | 0 |
| Pesticides Propachlor | P126 | 0.1 µg/l | 351 | 0 < 0.005 | < 0.005 | 0 |
| Pesticides Propazine | P066 | 0.1 µg/l | 350 | 0 < 0.004 | < 0.004 | 0 |
| Pesticides Propetamphos | P069 | 0.1 µg/l | 350 | 0 < 0.007 | < 0.007 | 0 |
| Pesticides Propyzamide | P071 | 0.1 µg/l | 109 | 0 < 0.004 | < 0.004 | 0 |
| Pesticides Simazine | P073 | 0.1 µg/l | 350 | 0 < 0.007 | < 0.007 | 0 |
| Pesticides Terbutryn | P077 | 0.1 µg/l | 351 | 0 < 0.003 | < 0.003 | 0 |

| | | | | | | | |
|---|-------|------------|---------------|----------|---------|---------|---|
| Pesticides Trietazine | P132 | 0.1 µg/l | 350 | 0 | < 0.006 | < 0.006 | 0 |
| Pesticides Trifluralin | P081 | 0.1 µg/l | 105 | 0 | < 0.002 | < 0.002 | 0 |
| Pesticides Triphenyltin (fentin) | P169 | 0.1 µg/l | 24 | 0 | < 0.02 | < 0.1 | 0 |
| Polycyclic aromatic hydrocarbons | B011F | 0.1 µg/l | 580 | 0 | 0 | 0.00576 | 0 |
| Selenium | B009 | 10 µg Se/l | 581 | 0 | < 0.22 | 0.6638 | 0 |
| Tetrachloroethene/Trichloroethene - sum of two substances | D009B | 10 µg/l | 348 | 0 | 0 | 0 | 0 |
| Total Trihalomethanes | D011 | 100 µg/l | 604 | 0 | 1.374 | 73.9875 | 0 |
| Totals: | | | 35,369 | 6 | | | |

Table DWR 10: Quality of water at consumer's tap (zones) - National Standards

| Parameter Name | Parameter Code | Prescribed Concentration or Value | Total Number of Tests | Tests Failed | 1 percentile (representing a minimum) | 99 percentile (representing a maximum) | No. of zones with failures |
|--------------------|----------------|-----------------------------------|-----------------------|--------------|---------------------------------------|--|----------------------------|
| Aluminium | A021 | 200 µg Al/l | 1,700 | 0 | < 5 | 65 | 0 |
| Colour | A001 | 20 mg/l Pt/Co scale | 1,406 | 0 | < 0.4 | 4.879 | 0 |
| Iron | A022 | 200 µg Fe/l | 2,360 | 12 | < 10 | 167 | 10 |
| Manganese | A023 | 50 µg Mn/l | 1,678 | 2 | < 1.8 | 20 | 2 |
| Organoleptic Odour | A003 | 0 Dilution number | 1,664 | 2 | 0 | 0 | 2 |
| Organoleptic Taste | A004 | 0 Dilution number | 1,426 | 1 | 0 | 0 | 1 |
| Sodium | A009 | 200 mg Na/l | 581 | 0 | 2.882 | 39.36 | 0 |
| Tetrachloromethane | D008 | 3 µg/l | 348 | 0 | < 0.018 | 0.0651 | 0 |
| Turbidity | A002 | 4 nephelometric turbidity units | 1,446 | 1 | < 0.03 | 0.4053 | 1 |
| Totals: | | | 12,609 | 18 | | | |

Table DWR 11: Quality of water at consumer's tap (zones) - Additional Monitoring Requirements

| Parameter Name | Parameter Code | Prescribed Concentration or Value | Total Number of Tests | Tests exceeding specification | 1 percentile (representing a minimum) | 99 percentile (representing a maximum) |
|--|----------------|-----------------------------------|-----------------------|-------------------------------|---------------------------------------|--|
| Ammonium (Indicator) | A014 | 0.5 mg NH ₄ /l | 1,514 | 3 | < 0.00699 | 0.3392 |
| Chloride (Indicator) | D002A | 250 mg Cl/l | 349 | 0 | 4.58 | 52.1 |
| Clostridium Perfringens (Indicator) | C004A | 0 number/100 ml | 1,218 | 0 | 0 | 0 |
| Coliform Bacteria (Indicator) | C001A | 0 number/100 ml | 7,731 | 14 | 0 | 0 |
| Colony Counts After 3 Days At 22°C (Indicator) | C007 | No abnormal change | 1,435 | n/a | < 1 | 27.28 |
| Colony Counts After 48 Hours At 37°C (Indicator) | C013 | No abnormal change | 1,437 | n/a | < 1 | 20 |

| | | | | | | |
|---|------|--------------------|---------------|-----------|---------|---------|
| Conductivity (Indicator) | D001 | 2500 µS/cm | 966 | 0 | 55 | 436.63 |
| Gross Alpha Activity | F004 | 0.1 Bq/l | 582 | 0 | < 0.003 | 0.04285 |
| Gross Beta Activity | F005 | 1 Bq/l | 582 | 0 | 0.002 | 0.08336 |
| Hydrogen ion (pH) | A006 | 6.5 - 9.5 pH Value | 2,070 | 1 | 7.08 | 8.56 |
| Residual Disinfectant - Free | C009 | No abnormal change | 7,653 | n/a | < 0.02 | 0.87 |
| Residual Disinfectant - Total | C010 | No abnormal change | 7,737 | n/a | 0.06 | 1.21 |
| Combined Chlorine/Residual Disinfectant Combined* | n/a | n/a | (7,621) | n/a | 0.01 | 1.118 |
| Sulphate (Indicator) | A007 | 250 mg SO4/l | 349 | 0 | < 0.21 | 71.55 |
| Total organic carbon (indicator) | A017 | No abnormal change | 350 | n/a | 0.2951 | 3.6917 |
| Tritium (Indicator) | F006 | 100 Bq/l | 348 | 0 | < 5 | < 5 |
| Totals: | | | 34,321 | 18 | | |

*Residual disinfectant combined is presented for information. It is not a parameter required by the regulations. It is derived from the parameters 'Residual Disinfectant - Total' minus 'Residual Disinfectant - Free'.