Data summary tables for United Utilities (UUT)

These tables contain a summary of results of monitoring undertaken by the water company in 2018 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 2018.

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 11 July 2019
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SW1P 3JR

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Site Summary Data for United Utilities Water Plc

Report Date Range: For the whole year 2018

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

<table>
<thead>
<tr>
<th>Parameter Name</th>
<th>Parameter Code</th>
<th>Prescribed Concentration or Value</th>
<th>Total Number of Tests</th>
<th>Tests Failed</th>
<th>1 percentile (representing a minimum)</th>
<th>99 percentile (representing a maximum)</th>
<th>No. of works with failures</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nitrite (Total)</td>
<td>A013B</td>
<td>0.1 mg NO₂/l</td>
<td>636</td>
<td>0</td>
<td>&lt; 0.0016</td>
<td>&lt; 0.0016</td>
<td>0</td>
</tr>
<tr>
<td><strong>Totals:</strong></td>
<td></td>
<td></td>
<td><strong>636</strong></td>
<td><strong>0</strong></td>
<td></td>
<td></td>
<td><strong>0</strong></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Parameter Name</th>
<th>Parameter Code</th>
<th>Prescribed Concentration or Value</th>
<th>Total Number of Tests</th>
<th>Tests Failed</th>
<th>1 percentile (representing a minimum)</th>
<th>99 percentile (representing a maximum)</th>
<th>No. of works with failures</th>
</tr>
</thead>
<tbody>
<tr>
<td>E coli (faecal coliforms Confirmed)</td>
<td>C002</td>
<td>0 number/100 ml</td>
<td>14,902</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Total Coliforms (Confirmed)</td>
<td>C001</td>
<td>0 number/100 ml</td>
<td>14,902</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td><strong>Totals:</strong></td>
<td></td>
<td></td>
<td><strong>29,804</strong></td>
<td><strong>1</strong></td>
<td></td>
<td></td>
<td><strong>1</strong></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Parameter Name</th>
<th>Parameter Code</th>
<th>Prescribed Concentration or Value</th>
<th>Total Number of Tests</th>
<th>Tests exceeding specification</th>
<th>1 percentile (representing a minimum)</th>
<th>99 percentile (representing a maximum)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colony Counts After 3 Days At 22øc (Colony Counts)</td>
<td>C007</td>
<td>No abnormal change</td>
<td>14,912</td>
<td>-n/a</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Residual Disinfectant - Free</td>
<td>C009</td>
<td>No abnormal change</td>
<td>14,923</td>
<td>-n/a</td>
<td>0.37</td>
<td>1.59</td>
</tr>
<tr>
<td>Residual Disinfectant - Total</td>
<td>C010</td>
<td>No abnormal change</td>
<td>14,923</td>
<td>-n/a</td>
<td>0.42</td>
<td>1.64</td>
</tr>
<tr>
<td>Turbidity - Indicator</td>
<td>A002A</td>
<td>1 nephelometric turbidity units</td>
<td>14,835</td>
<td>0</td>
<td>&lt; 0.05</td>
<td>0.26</td>
</tr>
<tr>
<td><strong>Totals:</strong></td>
<td></td>
<td></td>
<td><strong>59,593</strong></td>
<td><strong>0</strong></td>
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</tr>
</tbody>
</table>
Table UUT 4: Quality of water leaving service reservoirs - National Standards

<table>
<thead>
<tr>
<th>Parameter Name</th>
<th>Parameter Code</th>
<th>Prescribed Concentration or Value</th>
<th>Total Number of Tests</th>
<th>Tests Failed</th>
<th>1 percentile (representing a minimum)</th>
<th>99 percentile (representing a maximum)</th>
<th>No. of reservoirs failing standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>E coli (faecal coliforms Confirmed)</td>
<td>C002</td>
<td>0 number/100 ml</td>
<td>17,522</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Total Coliforms (Confirmed)</td>
<td>C001</td>
<td>0 number/100 ml</td>
<td>17,522</td>
<td>7</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td><strong>Totals:</strong></td>
<td></td>
<td></td>
<td><strong>35,044</strong></td>
<td><strong>7</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Parameter Name</th>
<th>Parameter Code</th>
<th>Prescribed Concentration or Value</th>
<th>Total Number of Tests</th>
<th>Tests exceeding specification</th>
<th>1 percentile (representing a minimum)</th>
<th>99 percentile (representing a maximum)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colony Counts After 3 Days At 22øc (Colony Counts)</td>
<td>C007</td>
<td>No abnormal change</td>
<td>17,530</td>
<td>-n/a</td>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>Residual Disinfectant - Free</td>
<td>C009</td>
<td>No abnormal change</td>
<td>17,560</td>
<td>-n/a</td>
<td>0.18</td>
<td>1.2839</td>
</tr>
<tr>
<td>Residual Disinfectant - Total</td>
<td>C010</td>
<td>No abnormal change</td>
<td>17,559</td>
<td>-n/a</td>
<td>0.26</td>
<td>1.33</td>
</tr>
<tr>
<td><strong>Totals:</strong></td>
<td></td>
<td></td>
<td><strong>52,649</strong></td>
<td><strong>0</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Table UUT 6: Quality of water leaving bulk supply points - European Standards

<table>
<thead>
<tr>
<th>Parameter Name</th>
<th>Parameter Code</th>
<th>Prescribed Concentration or Value</th>
<th>Total Number of Tests</th>
<th>Tests Failed</th>
<th>1 percentile (representing a minimum)</th>
<th>99 percentile (representing a maximum)</th>
<th>No. of supply points with failures</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,2-Dichloroethane (Total)</td>
<td>F001</td>
<td>3 µg/l</td>
<td>651</td>
<td>0</td>
<td>&lt; 0.138</td>
<td>&lt; 0.138</td>
<td>0</td>
</tr>
<tr>
<td>Benzene (Total)</td>
<td>F002</td>
<td>1 µg/l</td>
<td>637</td>
<td>0</td>
<td>&lt; 0.0471</td>
<td>&lt; 0.0471</td>
<td>0</td>
</tr>
<tr>
<td>Boron</td>
<td>D005A</td>
<td>1 mg B/l</td>
<td>648</td>
<td>0</td>
<td>&lt; 0.0029</td>
<td>0.083902</td>
<td>0</td>
</tr>
<tr>
<td>Cyanide (Total)</td>
<td>B003</td>
<td>50 µg CN/l</td>
<td>649</td>
<td>0</td>
<td>&lt; 0.698</td>
<td>1.705</td>
<td>0</td>
</tr>
<tr>
<td>Fluoride (Fluoridated)</td>
<td>A027A</td>
<td>1.2 mg F/l</td>
<td>24</td>
<td>1</td>
<td>0.02</td>
<td>1.05</td>
<td>1</td>
</tr>
<tr>
<td>Fluoride (Total)</td>
<td>A027</td>
<td>1.5 mg F/l</td>
<td>653</td>
<td>0</td>
<td>&lt; 0.01</td>
<td>0.9946</td>
<td>0</td>
</tr>
<tr>
<td>Mercury (Total)</td>
<td>B005</td>
<td>1 µg Hg/l</td>
<td>620</td>
<td>0</td>
<td>&lt; 0.015</td>
<td>0.08116</td>
<td>0</td>
</tr>
<tr>
<td>Pesticides (Total by Calculation)</td>
<td>B010</td>
<td>0.5 µg/l</td>
<td>828</td>
<td>0</td>
<td>0</td>
<td>0.036459</td>
<td>0</td>
</tr>
<tr>
<td>Pesticides 2,4-D</td>
<td>P020</td>
<td>0.1 µg/l</td>
<td>104</td>
<td>0</td>
<td>&lt; 0.01</td>
<td>&lt; 0.01</td>
<td>0</td>
</tr>
<tr>
<td>Pesticides 2,4-DB</td>
<td>P082</td>
<td>0.1 µg/l</td>
<td>42</td>
<td>0</td>
<td>&lt; 0.01</td>
<td>&lt; 0.01</td>
<td>0</td>
</tr>
<tr>
<td>Pesticides 2,4,5-T</td>
<td>P076</td>
<td>0.1 µg/l</td>
<td>24</td>
<td>0</td>
<td>&lt; 0.01</td>
<td>&lt; 0.01</td>
<td>0</td>
</tr>
<tr>
<td>Pesticides Asulam</td>
<td>P133</td>
<td>0.1 µg/l</td>
<td>5</td>
<td>0</td>
<td>&lt; 0.009</td>
<td>&lt; 0.009</td>
<td>0</td>
</tr>
<tr>
<td>Pesticides Atrazine</td>
<td>P004</td>
<td>0.1 µg/l</td>
<td>8</td>
<td>0</td>
<td>&lt; 0.01</td>
<td>&lt; 0.01</td>
<td>0</td>
</tr>
<tr>
<td>Pesticides Bromoxynil</td>
<td>P008</td>
<td>0.1 µg/l</td>
<td>17</td>
<td>0</td>
<td>&lt; 0.01</td>
<td>&lt; 0.01</td>
<td>0</td>
</tr>
<tr>
<td>Pesticides Carbetamide</td>
<td>P010</td>
<td>0.1 µg/l</td>
<td>49</td>
<td>0</td>
<td>&lt; 0.01</td>
<td>&lt; 0.01</td>
<td>0</td>
</tr>
<tr>
<td>Pesticides Chlortoluron</td>
<td>P014</td>
<td>0.1 µg/l</td>
<td>66</td>
<td>0</td>
<td>&lt; 0.01</td>
<td>&lt; 0.01</td>
<td>0</td>
</tr>
<tr>
<td>Pesticides Clopyralid</td>
<td>P018</td>
<td>0.1 µg/l</td>
<td>152</td>
<td>0</td>
<td>&lt; 0.01</td>
<td>0.0147</td>
<td>0</td>
</tr>
<tr>
<td>Pesticides Diazinon</td>
<td>P024</td>
<td>0.1 µg/l</td>
<td>50</td>
<td>0</td>
<td>&lt; 0.01</td>
<td>&lt; 0.01</td>
<td>0</td>
</tr>
<tr>
<td>Pesticides Dicamba</td>
<td>P025</td>
<td>0.1 µg/l</td>
<td>83</td>
<td>0</td>
<td>&lt; 0.01</td>
<td>0.0147</td>
<td>0</td>
</tr>
<tr>
<td>Pesticides Dichlorprop</td>
<td>P026</td>
<td>0.1 µg/l</td>
<td>36</td>
<td>0</td>
<td>&lt; 0.01</td>
<td>&lt; 0.01</td>
<td>0</td>
</tr>
<tr>
<td>Pesticides Dieldrin</td>
<td>P028</td>
<td>0.03 µg/l</td>
<td>24</td>
<td>0</td>
<td>&lt; 0.003</td>
<td>&lt; 0.003</td>
<td>0</td>
</tr>
<tr>
<td>Pesticides Diuron</td>
<td>P032</td>
<td>0.1 µg/l</td>
<td>1</td>
<td>0</td>
<td>&lt; 0.01</td>
<td>&lt; 0.01</td>
<td>0</td>
</tr>
<tr>
<td>Pesticides Fluroxypyr</td>
<td>P040</td>
<td>0.1 µg/l</td>
<td>105</td>
<td>0</td>
<td>&lt; 0.01</td>
<td>&lt; 0.01</td>
<td>0</td>
</tr>
<tr>
<td>Pesticides Glyphosate</td>
<td>P042</td>
<td>0.1 µg/l</td>
<td>215</td>
<td>0</td>
<td>&lt; 0.009</td>
<td>&lt; 0.030168</td>
<td>0</td>
</tr>
<tr>
<td>Pesticides Heptachlor Epoxide - Total (Trans, CIS) (Heptachlor Epoxide)</td>
<td>P044</td>
<td>0.03 µg/l</td>
<td>24</td>
<td>0</td>
<td>&lt; 0.002</td>
<td>&lt; 0.002</td>
<td>0</td>
</tr>
<tr>
<td>Pesticides Isoproturon</td>
<td>P048</td>
<td>0.1 µg/l</td>
<td>1</td>
<td>0</td>
<td>&lt; 0.01</td>
<td>&lt; 0.01</td>
<td>0</td>
</tr>
<tr>
<td>Pesticides Linuron</td>
<td>P051</td>
<td>0.1 µg/l</td>
<td>49</td>
<td>0</td>
<td>&lt; 0.01</td>
<td>&lt; 0.01</td>
<td>0</td>
</tr>
<tr>
<td>Pesticides MCPA 4-chloro-o-tolyloxyacetic acid</td>
<td>P054</td>
<td>0.1 µg/l</td>
<td>197</td>
<td>0</td>
<td>&lt; 0.01</td>
<td>0.0314</td>
<td>0</td>
</tr>
<tr>
<td>Pesticides MCP (Mecoprop)</td>
<td>P053</td>
<td>0.1 µg/l</td>
<td>110</td>
<td>0</td>
<td>&lt; 0.01</td>
<td>0.0378</td>
<td>0</td>
</tr>
<tr>
<td>Pesticides Metaldehyde</td>
<td>P226</td>
<td>0.1 µg/l</td>
<td>62</td>
<td>0</td>
<td>&lt; 0.01</td>
<td>0.014</td>
<td>0</td>
</tr>
<tr>
<td>Pesticides Metazachlor</td>
<td>P203</td>
<td>0.1 µg/l</td>
<td>50</td>
<td>0</td>
<td>&lt; 0.0032</td>
<td>&lt; 0.01</td>
<td>0</td>
</tr>
<tr>
<td>Pesticides Pentachlorophenol</td>
<td>P060</td>
<td>0.1 µg/l</td>
<td>8</td>
<td>0</td>
<td>&lt; 0.01</td>
<td>&lt; 0.01</td>
<td>0</td>
</tr>
<tr>
<td>Parameter Name</td>
<td>Parameter Code</td>
<td>Prescribed Concentration or Value</td>
<td>Total Number of Tests</td>
<td>Tests Failed</td>
<td>1 percentile (representing a minimum)</td>
<td>99 percentile (representing a maximum)</td>
<td>No. of supply points with failures</td>
</tr>
<tr>
<td>------------------</td>
<td>----------------</td>
<td>-----------------------------------</td>
<td>-----------------------</td>
<td>--------------</td>
<td>---------------------------------------</td>
<td>----------------------------------------</td>
<td>-----------------------------------</td>
</tr>
<tr>
<td>Pesticides Triclopyr</td>
<td>P131</td>
<td>0.1 µg/l</td>
<td>129</td>
<td>0</td>
<td>&lt; 0.00468</td>
<td>&lt; 0.01</td>
<td>0</td>
</tr>
<tr>
<td>Radon</td>
<td>F031</td>
<td>100 Bq/l</td>
<td>1</td>
<td>0</td>
<td>14.2</td>
<td>14.2</td>
<td>0</td>
</tr>
<tr>
<td><strong>Totals:</strong></td>
<td></td>
<td></td>
<td>6,322</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Parameter Name</th>
<th>Parameter Code</th>
<th>Prescribed Concentration or Value</th>
<th>Total Number of Tests</th>
<th>Tests exceeding specification</th>
<th>1 percentile (representing a minimum)</th>
<th>99 percentile (representing a maximum)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chloride</td>
<td>D002A</td>
<td>250 mg Cl/l</td>
<td>658</td>
<td>0</td>
<td>4.9659</td>
<td>108.41</td>
</tr>
<tr>
<td>Gross Alpha</td>
<td>F004</td>
<td>0.1 Bq/l</td>
<td>1</td>
<td>0</td>
<td>0.02</td>
<td>0.02</td>
</tr>
<tr>
<td>Gross Beta</td>
<td>F005</td>
<td>1 Bq/l</td>
<td>1</td>
<td>0</td>
<td>0.1</td>
<td>0.1</td>
</tr>
<tr>
<td>Sulphate</td>
<td>A007</td>
<td>250 mg SO4/l</td>
<td>650</td>
<td>0</td>
<td>1.9016</td>
<td>130.49</td>
</tr>
<tr>
<td>Total Organic Carbon</td>
<td>A017</td>
<td>No abnormal change</td>
<td>657</td>
<td>-n/a</td>
<td>&lt; 0.21</td>
<td>2.2768</td>
</tr>
<tr>
<td><strong>Totals:</strong></td>
<td></td>
<td></td>
<td>1,967</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Parameter Name</td>
<td>Parameter Code</td>
<td>Prescribed Concentration or Value</td>
<td>Total Number of Tests</td>
<td>Tests Failed</td>
<td>1 percentile (representing a minimum)</td>
<td>99 percentile (representing a maximum)</td>
</tr>
<tr>
<td>--------------------------------------------</td>
<td>----------------</td>
<td>---------------------------------</td>
<td>-----------------------</td>
<td>-------------</td>
<td>--------------------------------------</td>
<td>--------------------------------------</td>
</tr>
<tr>
<td>1,2-Dichloroethane (Total)</td>
<td>F001</td>
<td>3 µg/l</td>
<td>3</td>
<td>0</td>
<td>&lt; 0.138</td>
<td>&lt; 0.138</td>
</tr>
<tr>
<td>Antimony</td>
<td>B008A</td>
<td>5 µg Sb/l</td>
<td>1,794</td>
<td>0</td>
<td>&lt; 0.14</td>
<td>0.22</td>
</tr>
<tr>
<td>Arsenic (Total)</td>
<td>B001A</td>
<td>10 µg As/l</td>
<td>1,794</td>
<td>0</td>
<td>0.04</td>
<td>3.343</td>
</tr>
<tr>
<td>Benzo[a]Pyrene (Total)</td>
<td>D007</td>
<td>0.01 µg/l</td>
<td>1,911</td>
<td>0</td>
<td>&lt; 0.001</td>
<td>&lt; 0.001</td>
</tr>
<tr>
<td>Benzene (Total)</td>
<td>F002</td>
<td>1 µg/l</td>
<td>3</td>
<td>0</td>
<td>&lt; 0.0471</td>
<td>&lt; 0.0471</td>
</tr>
<tr>
<td>Boron</td>
<td>D005A</td>
<td>1 mg B/l</td>
<td>3</td>
<td>0</td>
<td>0.0115</td>
<td>0.0251</td>
</tr>
<tr>
<td>Bromate</td>
<td>F003</td>
<td>10 µg BrO3/l</td>
<td>1,778</td>
<td>0</td>
<td>&lt; 0.091</td>
<td>2.2563</td>
</tr>
<tr>
<td>Cadmium (Total)</td>
<td>B002</td>
<td>5 µg Cd/l</td>
<td>1,794</td>
<td>0</td>
<td>&lt; 0.03</td>
<td>0.0605</td>
</tr>
<tr>
<td>Chromium (Total)</td>
<td>B004</td>
<td>50 µg Cr/l</td>
<td>1,796</td>
<td>0</td>
<td>&lt; 0.04</td>
<td>1.5003</td>
</tr>
<tr>
<td>Copper (Total)</td>
<td>A024A</td>
<td>2 mg Cu/l</td>
<td>1,787</td>
<td>0</td>
<td>&lt; 0.0009</td>
<td>0.27324</td>
</tr>
<tr>
<td>Cyanide (Total)</td>
<td>B003</td>
<td>50 µg CN/l</td>
<td>3</td>
<td>0</td>
<td>&lt; 1.17</td>
<td>&lt; 1.17</td>
</tr>
<tr>
<td>E coli (faecal coliforms Confirmed)</td>
<td>C002</td>
<td>0 number/100 ml</td>
<td>18,882</td>
<td>1</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Enterococci (Confirmed)</td>
<td>C003</td>
<td>0 number/100 ml</td>
<td>1,797</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Fluoride (Fluoridated)</td>
<td>A027A</td>
<td>1.2 mg F/l</td>
<td>42</td>
<td>18</td>
<td>0.03</td>
<td>1.02</td>
</tr>
<tr>
<td>Fluoride (Total)</td>
<td>A027</td>
<td>1.5 mg F/l</td>
<td>42</td>
<td>0</td>
<td>0.03</td>
<td>1.02</td>
</tr>
<tr>
<td>Lead (10 - will apply 25.12.2013)</td>
<td>B007B</td>
<td>10 µg Pb/l</td>
<td>1,796</td>
<td>20</td>
<td>&lt; 0.29</td>
<td>10.818</td>
</tr>
<tr>
<td>Mercury (Total)</td>
<td>B005</td>
<td>1 µg Hg/l</td>
<td>3</td>
<td>0</td>
<td>&lt; 0.015</td>
<td>&lt; 0.02</td>
</tr>
<tr>
<td>Nickel (Total)</td>
<td>B006A</td>
<td>20 µg Ni/l</td>
<td>1,788</td>
<td>4</td>
<td>&lt; 0.31</td>
<td>4.8588</td>
</tr>
<tr>
<td>Nitrate (Total)</td>
<td>A012</td>
<td>50 mg NO3/l</td>
<td>1,793</td>
<td>0</td>
<td>&lt; 0.859</td>
<td>29.806</td>
</tr>
<tr>
<td>Nitrite - Consumer's Taps</td>
<td>A013A</td>
<td>0.5 mg NO2/l</td>
<td>1,793</td>
<td>0</td>
<td>&lt; 0.0016</td>
<td>&lt; 0.0016</td>
</tr>
<tr>
<td>Nitrite/Nitrate formula</td>
<td>A013C</td>
<td>1 mg NO2/l</td>
<td>1,803</td>
<td>0</td>
<td>0.014</td>
<td>0.59664</td>
</tr>
<tr>
<td>Pesticides (Total by Calculation)</td>
<td>B010</td>
<td>0.5 µg/l</td>
<td>7</td>
<td>0</td>
<td>0</td>
<td>0.0188</td>
</tr>
<tr>
<td>Pesticides 2,4-D</td>
<td>P020</td>
<td>0.1 µg/l</td>
<td>3</td>
<td>0</td>
<td>&lt; 0.01</td>
<td>&lt; 0.01</td>
</tr>
<tr>
<td>Pesticides 2,4-DB</td>
<td>P082</td>
<td>0.1 µg/l</td>
<td>3</td>
<td>0</td>
<td>&lt; 0.01</td>
<td>&lt; 0.01</td>
</tr>
<tr>
<td>Pesticides 2,4,5-T</td>
<td>P076</td>
<td>0.1 µg/l</td>
<td>3</td>
<td>0</td>
<td>&lt; 0.01</td>
<td>&lt; 0.01</td>
</tr>
<tr>
<td>Pesticides Aldrin</td>
<td>P002</td>
<td>0.03 µg/l</td>
<td>3</td>
<td>0</td>
<td>&lt; 0.003</td>
<td>&lt; 0.003</td>
</tr>
<tr>
<td>Pesticides Asulam</td>
<td>P133</td>
<td>0.1 µg/l</td>
<td>3</td>
<td>0</td>
<td>&lt; 0.009</td>
<td>&lt; 0.009</td>
</tr>
<tr>
<td>Pesticides Atrazine</td>
<td>P004</td>
<td>0.1 µg/l</td>
<td>3</td>
<td>0</td>
<td>&lt; 0.01</td>
<td>&lt; 0.01</td>
</tr>
<tr>
<td>Pesticides Bromoxynil</td>
<td>P008</td>
<td>0.1 µg/l</td>
<td>3</td>
<td>0</td>
<td>&lt; 0.01</td>
<td>&lt; 0.01</td>
</tr>
<tr>
<td>Pesticides Carbetamide</td>
<td>P010</td>
<td>0.1 µg/l</td>
<td>3</td>
<td>0</td>
<td>&lt; 0.01</td>
<td>&lt; 0.01</td>
</tr>
<tr>
<td>Pesticides Chlorotoluron</td>
<td>P014</td>
<td>0.1 µg/l</td>
<td>3</td>
<td>0</td>
<td>&lt; 0.01</td>
<td>&lt; 0.01</td>
</tr>
<tr>
<td>Pesticides Clopyralid</td>
<td>P018</td>
<td>0.1 µg/l</td>
<td>3</td>
<td>0</td>
<td>&lt; 0.01</td>
<td>0</td>
</tr>
<tr>
<td>Pesticides Diazinon</td>
<td>P024</td>
<td>0.1 µg/l</td>
<td>2</td>
<td>0</td>
<td>&lt; 0.01</td>
<td>&lt; 0.01</td>
</tr>
<tr>
<td>Parameter Name</td>
<td>Parameter Code</td>
<td>Prescribed Concentration or Value</td>
<td>Total Number of Tests</td>
<td>Tests Failed</td>
<td>1 percentile (representing a minimum)</td>
<td>99 percentile (representing a maximum)</td>
</tr>
<tr>
<td>-------------------------------------------------------------------------------</td>
<td>----------------</td>
<td>---------------------------------</td>
<td>-----------------------</td>
<td>-------------</td>
<td>-------------------------------------</td>
<td>--------------------------------------</td>
</tr>
<tr>
<td>Pesticides Dicamba</td>
<td>P025</td>
<td>0.1 µg/l</td>
<td>3</td>
<td>0</td>
<td>0.01</td>
<td>0.01</td>
</tr>
<tr>
<td>Pesticides Dichlorprop</td>
<td>P026</td>
<td>0.1 µg/l</td>
<td>3</td>
<td>0</td>
<td>0.01</td>
<td>0.01</td>
</tr>
<tr>
<td>Pesticides Dieldrin</td>
<td>P028</td>
<td>0.03 µg/l</td>
<td>3</td>
<td>0</td>
<td>&lt; 0.003</td>
<td>&lt; 0.003</td>
</tr>
<tr>
<td>Pesticides Diuron</td>
<td>P032</td>
<td>0.1 µg/l</td>
<td>3</td>
<td>0</td>
<td>&lt; 0.01</td>
<td>&lt; 0.01</td>
</tr>
<tr>
<td>Pesticides Fluroxpyr</td>
<td>P040</td>
<td>0.1 µg/l</td>
<td>3</td>
<td>0</td>
<td>&lt; 0.01</td>
<td>&lt; 0.01</td>
</tr>
<tr>
<td>Pesticides Glyphosate</td>
<td>P042</td>
<td>0.1 µg/l</td>
<td>3</td>
<td>0</td>
<td>&lt; 0.009</td>
<td>&lt; 0.009</td>
</tr>
<tr>
<td>Pesticides Heptachlor</td>
<td>P043</td>
<td>0.03 µg/l</td>
<td>3</td>
<td>0</td>
<td>&lt; 0.005</td>
<td>&lt; 0.005</td>
</tr>
<tr>
<td>Pesticides Heptachlor Epoxide - Total (Trans, CIS) (Heptachlor Epoxide)</td>
<td>P044</td>
<td>0.03 µg/l</td>
<td>3</td>
<td>0</td>
<td>&lt; 0.002</td>
<td>&lt; 0.002</td>
</tr>
<tr>
<td>Pesticides Isoproturon</td>
<td>P048</td>
<td>0.1 µg/l</td>
<td>3</td>
<td>0</td>
<td>&lt; 0.01</td>
<td>&lt; 0.01</td>
</tr>
<tr>
<td>Pesticides Linuron</td>
<td>P051</td>
<td>0.1 µg/l</td>
<td>3</td>
<td>0</td>
<td>&lt; 0.01</td>
<td>&lt; 0.01</td>
</tr>
<tr>
<td>Pesticides MCPA 4-chloro-o-tolyloxyacetic acid</td>
<td>P054</td>
<td>0.1 µg/l</td>
<td>3</td>
<td>0</td>
<td>&lt; 0.01</td>
<td>&lt; 0.01</td>
</tr>
<tr>
<td>Pesticides MCPP (Mecoprop)</td>
<td>P053</td>
<td>0.1 µg/l</td>
<td>3</td>
<td>0</td>
<td>&lt; 0.01</td>
<td>&lt; 0.01</td>
</tr>
<tr>
<td>Pesticides Metaldehyde</td>
<td>P226</td>
<td>0.1 µg/l</td>
<td>3</td>
<td>0</td>
<td>&lt; 0.01</td>
<td>&lt; 0.01</td>
</tr>
<tr>
<td>Pesticides Metribuzin</td>
<td>P152</td>
<td>0.1 µg/l</td>
<td>3</td>
<td>0</td>
<td>&lt; 0.01</td>
<td>&lt; 0.01</td>
</tr>
<tr>
<td>Pesticides Simazine</td>
<td>P073</td>
<td>0.1 µg/l</td>
<td>3</td>
<td>0</td>
<td>&lt; 0.01</td>
<td>&lt; 0.01</td>
</tr>
<tr>
<td>Pesticides Triclopyr</td>
<td>P131</td>
<td>0.1 µg/l</td>
<td>3</td>
<td>0</td>
<td>&lt; 0.01</td>
<td>&lt; 0.01</td>
</tr>
<tr>
<td>Polycyclic Aromatic Hydrocarbons (Total by Calculation)</td>
<td>B011F</td>
<td>0.1 µg/l</td>
<td>1,849</td>
<td>0</td>
<td>0.003</td>
<td>0</td>
</tr>
<tr>
<td>Radon</td>
<td>F031</td>
<td>100 Bq/l</td>
<td>3</td>
<td>0</td>
<td>1.63</td>
<td>3.2</td>
</tr>
<tr>
<td>Selenium (Total)</td>
<td>B009</td>
<td>10 µg Se/l</td>
<td>1,794</td>
<td>0</td>
<td>&lt; 0.05</td>
<td>0.4605</td>
</tr>
<tr>
<td>Trichloroethene &amp; Tetrachloroethene - Sum Of 2 Substances (Total by Calculation)</td>
<td>D009B</td>
<td>10 µg/l</td>
<td>1,829</td>
<td>0</td>
<td>0.4989</td>
<td></td>
</tr>
<tr>
<td>Trihalomethanes (Total by Calculation)</td>
<td>D011</td>
<td>100 µg/l</td>
<td>1,873</td>
<td>0</td>
<td>1.2414</td>
<td>53.504</td>
</tr>
<tr>
<td>Totals:</td>
<td></td>
<td></td>
<td>49,843</td>
<td>43</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Table UUT 10: Quality of water at consumer's tap (zones) - National Standards

<table>
<thead>
<tr>
<th>Parameter Name</th>
<th>Parameter Code</th>
<th>Prescribed Concentration or Value</th>
<th>Total Number of Tests</th>
<th>Tests Failed</th>
<th>1 percentile (representing a minimum)</th>
<th>99 percentile (representing a maximum)</th>
<th>No. of zones failing standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminium (Total)</td>
<td>A021</td>
<td>200 µg Al/l</td>
<td>7,067</td>
<td>4</td>
<td>&lt; 2.45</td>
<td>41.5</td>
<td>4</td>
</tr>
<tr>
<td>Colour</td>
<td>A001</td>
<td>20 mg/l Pt/Co scale</td>
<td>7,160</td>
<td>0</td>
<td>0.37</td>
<td>2.5978</td>
<td>0</td>
</tr>
<tr>
<td>Iron (Total)</td>
<td>A022</td>
<td>200 µg Fe/l</td>
<td>7,068</td>
<td>16</td>
<td>&lt; 2.15</td>
<td>102</td>
<td>16</td>
</tr>
<tr>
<td>Manganese (Total)</td>
<td>A023</td>
<td>50 µg Mn/l</td>
<td>7,067</td>
<td>8</td>
<td>&lt; 0.21</td>
<td>8.9996</td>
<td>7</td>
</tr>
<tr>
<td>Odour</td>
<td>A003</td>
<td>0 Dilution number</td>
<td>7,125</td>
<td>9</td>
<td>0</td>
<td>0</td>
<td>9</td>
</tr>
<tr>
<td>Sodium (Total)</td>
<td>A009</td>
<td>200 mg Na/l</td>
<td>1,783</td>
<td>0</td>
<td>3.4168</td>
<td>52.06</td>
<td>0</td>
</tr>
<tr>
<td>Taste (Taste Quant)</td>
<td>A004</td>
<td>0 Dilution number</td>
<td>7,105</td>
<td>8</td>
<td>0</td>
<td>0</td>
<td>8</td>
</tr>
<tr>
<td>Tetrachloromethane (Total)</td>
<td>D008</td>
<td>3 µg/l</td>
<td>1,872</td>
<td>0</td>
<td>&lt; 0.0187</td>
<td>0.07</td>
<td>0</td>
</tr>
<tr>
<td>Turbidity</td>
<td>A002</td>
<td>4 nephelometric turbidity units</td>
<td>7,159</td>
<td>0</td>
<td>&lt; 0.05</td>
<td>0.3</td>
<td>0</td>
</tr>
</tbody>
</table>

**Totals:** 53,406 45

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

<table>
<thead>
<tr>
<th>Parameter Name</th>
<th>Parameter Code</th>
<th>Prescribed Concentration or Value</th>
<th>Total Number of Tests</th>
<th>Tests Failed</th>
<th>1 percentile (representing a minimum)</th>
<th>99 percentile (representing a maximum)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonium (Total)</td>
<td>A014</td>
<td>0.5 mg NH4/l</td>
<td>7,165</td>
<td>0</td>
<td>0.0064</td>
<td>0.0141</td>
</tr>
<tr>
<td>Chloride</td>
<td>D002A</td>
<td>250 mg Cl/l</td>
<td>3</td>
<td>0</td>
<td>8.71</td>
<td>37.1</td>
</tr>
<tr>
<td>Clostridium Perfringens (Sulphite-reducing Clostridia) (Confirmed)</td>
<td>C004A</td>
<td>0 number/100 ml</td>
<td>7,089</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Coliform Bacteria (Indicator)</td>
<td>C001A</td>
<td>0 number/100 ml</td>
<td>18,881</td>
<td>67</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Colony Counts After 3 Days At 22øC (Colony Counts)</td>
<td>C007</td>
<td>No abnormal change</td>
<td>7,176</td>
<td>-n/a</td>
<td>0</td>
<td>28</td>
</tr>
<tr>
<td>Conductivity (Electrical Conductivity)</td>
<td>D001</td>
<td>2500 µS/cm</td>
<td>7,173</td>
<td>0</td>
<td>52</td>
<td>639</td>
</tr>
<tr>
<td>Gross Alpha</td>
<td>F004</td>
<td>0.1 Bq/l</td>
<td>3</td>
<td>0</td>
<td>&lt; 0.02</td>
<td>&lt; 0.02</td>
</tr>
<tr>
<td>Gross Beta</td>
<td>F005</td>
<td>1 Bq/l</td>
<td>3</td>
<td>0</td>
<td>&lt; 0.02</td>
<td>0.04</td>
</tr>
<tr>
<td>Hydrogen ion (pH) - Indicator (Hydrogen ion) (pH)</td>
<td>A006</td>
<td>6.5 - 9.5 pH Value</td>
<td>7,006</td>
<td>1</td>
<td>6.85</td>
<td>7.8993</td>
</tr>
<tr>
<td>Residual Disinfectant - Free</td>
<td>C009</td>
<td>No abnormal change</td>
<td>19,085</td>
<td>0</td>
<td>0.12</td>
<td>1.21</td>
</tr>
<tr>
<td>Residual Disinfectant - Total</td>
<td>C010</td>
<td>No abnormal change</td>
<td>19,086</td>
<td>0</td>
<td>0.2</td>
<td>1.3</td>
</tr>
<tr>
<td>Sulphate</td>
<td>A007</td>
<td>250 mg SO4/l</td>
<td>3</td>
<td>0</td>
<td>6.76</td>
<td>43.5</td>
</tr>
<tr>
<td>Total Organic Carbon</td>
<td>A017</td>
<td>No abnormal change</td>
<td>3</td>
<td>-n/a</td>
<td>&lt; 0.21</td>
<td>1.21</td>
</tr>
<tr>
<td>Tritium</td>
<td>F006</td>
<td>100 Bq/l</td>
<td>3</td>
<td>0</td>
<td>&lt; 10</td>
<td>&lt; 10</td>
</tr>
</tbody>
</table>

**Totals:** 92,679 68