

Viewing Site Summary Data for Leep Networks Water

Report Date Range: For the whole year 2020

Table LNW 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 failing standard |
|---|----------------|-----------------------------------|-----------------------|--------------|---------------------------------------|--|-------------------------------|
| 1,2-Dichloroethane (Total) | F001 | 3 µg/l | 109 | 0 | < 0.16 | < 0.16 | 0 |
| Antimony | B008A | 5 µg Sb/l | 109 | 0 | < 0.01 | 0.577 | 0 |
| Arsenic (Total) | B001A | 10 µg As/l | 109 | 0 | 0.051 | 1.508 | 0 |
| Benzene (Total) | F002 | 1 µg/l | 109 | 0 | < 0.09 | < 0.09 | 0 |
| Benzo[a]Pyrene (Total) | D007 | 0.01 µg/l | 109 | 0 | < 0.00057 | 0.000889 | 0 |
| Boron | D005A | 1 mg B/l | 109 | 0 | < 0.0319 | 0.09118 | 0 |
| Bromate | F003 | 10 µg BrO ₃ /l | 109 | 0 | < 0.15 | 3.45 | 0 |
| Cadmium (Total) | B002 | 5 µg Cd/l | 109 | 0 | < 0.01 | < 0.03 | 0 |
| Chromium (Total) | B004 | 50 µg Cr/l | 109 | 0 | < 0.04 | 0.5 | 0 |
| Copper (Total) | A024A | 2 mg Cu/l | 109 | 0 | < 0.00035 | 1.0886 | 0 |
| Cyanide (Total) | B003 | 50 µg CN/l | 109 | 0 | < 5.5 | 15.9 | 0 |
| E coli (faecal coliforms Confirmed) | C002 | 0 number/100 ml | 201 | 0 | 0 | 0 | 0 |
| Enterococci (Confirmed) | C003 | 0 number/100 ml | 109 | 0 | 0 | 0 | 0 |
| Fluoride (Total) | A027 | 1.5 mg F/l | 109 | 0 | 0.0148 | 0.279 | 0 |
| Lead (10 - will apply 25.12.2013) | B007B | 10 µg Pb/l | 109 | 0 | < 0.02 | 0.862 | 0 |
| Mercury (Total) | B005 | 1 µg Hg/l | 109 | 0 | < 0.06 | < 0.114 | 0 |
| Nickel (Total) | B006A | 20 µg Ni/l | 109 | 0 | < 0.18 | 5.766 | 0 |
| Nitrate (Total) | A012 | 50 mg NO ₃ /l | 109 | 0 | 1.534 | 42.07 | 0 |
| Nitrite - Consumer's Taps | A013A | 0.5 mg NO ₂ /l | 109 | 0 | < 0.002 | 0.1412 | 0 |
| Nitrite/Nitrate formula | A013C | 1 mg/l | 109 | 0 | 0.031 | 0.839 | 0 |
| Pesticides (Total by Calculation) | B010 | 0.5 µg/l | 81 | 0 | 0 | 0.113 | 0 |
| Pesticides 2,4-D | P020 | 0.1 µg/l | 1 | 0 | < 0.012 | < 0.012 | 0 |
| Pesticides Atrazine | P004 | 0.1 µg/l | 13 | 0 | < 0.004 | 0.025 | 0 |
| Pesticides Bentazone | P006 | 0.1 µg/l | 5 | 0 | < 0.004 | < 0.004 | 0 |
| Pesticides Carbendazim (Total) | P150 | 0.1 µg/l | 1 | 0 | < 0.003 | < 0.003 | 0 |
| Pesticides Carbetamide | P010 | 0.1 µg/l | 1 | 0 | < 0.008 | < 0.008 | 0 |
| Pesticides Clopyralid | P018 | 0.1 µg/l | 17 | 0 | < 0.015 | 0.03 | 0 |
| Pesticides MCPA 4-chloro-o-tolyloxyacetic acid | P054 | 0.1 µg/l | 1 | 0 | < 0.012 | < 0.012 | 0 |
| Pesticides MCPP (Mecoprop) | P053 | 0.1 µg/l | 1 | 0 | < 0.009 | < 0.009 | 0 |
| Pesticides Metaldehyde | P226 | 0.1 µg/l | 65 | 0 | < 0.005 | 0.039 | 0 |
| Pesticides Pentachlorophenol | P060 | 0.1 µg/l | 4 | 0 | < 0.02 | < 0.02 | 0 |
| Pesticides Picloram (Total) | P122 | 0.1 µg/l | 1 | 0 | < 0.019 | < 0.019 | 0 |
| Pesticides Propyzamide | P071 | 0.1 µg/l | 9 | 0 | < 0.009 | < 0.009 | 0 |
| Pesticides Prosulfocarb | P243 | 0.1 µg/l | 1 | 0 | < 0.009 | < 0.009 | 0 |
| Pesticides Quinmerac | P244 | 0.1 µg/l | 1 | 0 | < 0.006 | < 0.006 | 0 |
| Polycyclic Aromatic Hydrocarbons (Total by Calculation) | B011F | 0.1 µg/l | 110 | 0 | 0 | 0.00756 | 0 |

| | | | | | | | | |
|--|-------|------------|--------------|----------|---|-------|-------|---|
| Selenium (Total) | B009 | 10 µg Se/l | 109 | 0 | < | 0.087 | 4.929 | 0 |
| by Calculation | D009B | 10 µg/l | 109 | 0 | | 0 | 1.984 | 0 |
| Trihalomethanes (Total by Calculation) | D011 | 100 µg/l | 109 | 0 | | 0.273 | 60.69 | 0 |
| Totals: | | | 2,911 | 0 | | | | |

Table LNW 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 failing standard |
|----------------------------|----------------|-----------------------------------|-----------------------|--------------|---|---------------------------------------|--|-------------------------------|
| Aluminium (Total) | A021 | 200 µg Al/l | 109 | 0 | < | 6.9 | 31.24 | 0 |
| Colour | A001 | 20 mg/l Pt/Co | 114 | 0 | < | 2.9 | 3.755 | 0 |
| Iron (Total) | A022 | 200 µg Fe/l | 109 | 0 | < | 3.72 | 117.52 | 0 |
| Manganese (Total) | A023 | 50 µg Mn/l | 109 | 0 | < | 0.3 | 5.813 | 0 |
| Odour | A003 | 0 Dilution number at 25°C | 116 | 0 | | 0 | 0 | 0 |
| Sodium (Total) | A009 | 200 mg Na/l | 109 | 0 | | 5.001 | 153.3 | 0 |
| Taste (Taste Quant) | A004 | 0 Dilution number at 25°C | 114 | 0 | | 0 | 0 | 0 |
| Tetrachloromethane (Total) | D008 | 3 µg/l | 109 | 0 | < | 0.13 | < 0.13 | 0 |
| Turbidity | A002 | 4 NTU | 114 | 0 | < | 0.15 | 0.4525 | 0 |
| Totals: | | | 1,003 | 0 | | | | |

Table LNW 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 (Total) | A014 | 0.5 mg NH4/l | 114 | 0 | < | 0.008 | 0.2209 |
| Chloride | D002A | 250 mg Cl/l | 109 | 0 | | 6.38 | 73.37 |
| Clostridium Perfringens (Sulphite-reducing Clostridia) (Confirmed) | C004A | 0 number/100 ml | 109 | 0 | | 0 | 0 |
| Coliform Bacteria (Indicator) | C001A | 0 number/100 ml | 201 | 1 | | 0 | 0 |
| Colony Counts After 3 Days At 22°C (Colony Counts) | C007 | No abnormal change | 114 | -n/a | | 0 | 436 |
| Conductivity (Electrical Conductivity) | D001 | 2500 µS/cm at 20°C | 115 | 0 | | 81.048 | 767.52 |
| Gross Alpha | F004 | 0.1 Bq/l | 13 | 0 | | 0.019 | 0.054 |
| Gross Beta | F005 | 1 Bq/l | 13 | 0 | | 0.059 | 0.167 |
| Hydrogen ion (pH) - Indicator (Hydrogen ion) (pH) | A006 | 6.5 - 9.5 pH Value | 114 | 0 | | 7.074 | 7.93 |
| Residual Disinfectant - Total | C010 | No abnormal change | 202 | -n/a | | 0.1906 | 0.9097 |
| Sulphate | A007 | 250 mg SO4/l | 109 | 0 | | 9.02 | 131 |
| Total Organic Carbon | A017 | No abnormal change | 109 | -n/a | | 0.51 | 3.69 |
| Tritium | F006 | 100 Bq/l | 9 | 0 | < | 5.5 | < 5.6 |
| Totals: | | | 1,331 | 1 | | | |