

## DONEGAL COUNTY COUNCIL

### Summary of Public Water Supply Quality in 2010

Donegal County Council is responsible for the operation of 34 Public Water Supplies (PWS) serving a population of 132,149.

Microbiological compliance levels in PWSs in Donegal were 99.8% in both 2009 and 2010. Chemical compliance levels were also unchanged, 99.4% compliance in 2009 and 2010.

|      | Micro | Chemical |
|------|-------|----------|
| 2010 | 99.8  | 99.4     |

#### Microbiological Parametric Values:

A summary of the PWS with microbiological non-compliances during 2010 is as follows:

| Parameter         | 2010           |          |
|-------------------|----------------|----------|
|                   | Name of PWS    |          |
| Enterococci       | Pollan Dam (1) |          |
| <b>Total No.:</b> |                | <b>1</b> |

#### Chemical Parametric Values:

A summary of the PWS with non-compliances of the chemical parametric values during 2010 is as follows:

| Parameter         | 2010  |           |
|-------------------|---|-----------|
|                   | Name of PWS   |           |
| Lead              | Bundoran Urban (2)<br>Carrigart-Downings (1)<br>Fintown (1)   |           |
| Trihalomethanes   | Ballintra (1)<br>Ballyshannon (2)<br>Cashilard (1)<br>Fintown (1)<br>Glenties-Ardara (1)<br>Greencastle (1)<br>Letterkenny (3)<br>Portnoo-Narin (1)<br>Rathmullen (2) |           |
| Copper            | Letterkenny (1)   |           |
| <b>Total No.:</b> |   | <b>18</b> |

The lead and copper non-compliances were due to the consumer's internal plumbing whilst the trihalomethanes non-compliances were primarily due to the chlorination of water with elevated levels of organic matter present.

#### Boil Water Notices & Water Restrictions

No boil water notices or water restriction notices were issued to consumers during 2010 and none remained active during 2010 from previous years.

### EPA Enforcement in 2010

#### Remedial Action List

|   |    |
|---|----|
| No. of PWS on the RAL at the end of 2010: | 16 |
| No. of PWS added to RAL in 2010:          | 3  |
| No. of PWS removed from RAL in 2010:      | 4  |

The RAL is a list of PWSs where remedial action is required to ensure compliance with the requirements of the Drinking Water Regulations. In 2010, 4 public water supplies were removed from the RAL (Carrick-Teelin, Lifford (Old), Lough Mourne and Malinmore) but 3 were added (Donegal (River Eske), Fintown and Portnoo-Narin). Progress in completing the necessary remedial works in Donegal has been slow and no action plans had been prepared for several public water supplies at the end of 2010.

#### Chlorine Monitors and Alarms

The installation of chlorine monitors and alarms is required to ensure that the supply is adequately disinfected at all times. Chlorine monitors and alarms are now in place on all public water supplies in Donegal.

#### Audits of Drinking Water Treatment Plants

The following drinking water treatment plants were audited by the EPA during 2010:

| Audit Date | PWS Audited      |
|------------|------------------|
| Jun-10     | Ballyshannon PWS |