

## CARLOW COUNTY COUNCIL

### Summary of Public Water Supply Quality in 2010

Carlow County Council is responsible for the operation of 14 Public Water Supplies (PWS) serving a population of 50,917.

Microbiological compliance levels in PWSs in Carlow increased from 99.7% in 2009 to 100% in 2010 whilst chemical compliance levels decreased from 99.9% in 2009 to 99.4% in 2010.

	Micro	Chemical
2010	100	99.4

#### Microbiological Parametric Values:

No non-compliances of the microbiological parametric values occurred during 2010.

#### 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
Nitrate	Balinskilton (3)
Trihalomethanes	Carlow Central Regional (1)
Total No.	4

The nitrate non-compliances were attributed to agricultural practices in the vicinity of the source whilst the trihalomethanes non-compliance was 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:	2
No. of PWS added to RAL in 2010:	0
No. of PWS removed from RAL in 2010:	3

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, the Borris, Carlow Town and Hackelstown public water supplies were removed from the RAL as remedial works had been completed to the satisfaction of the EPA.

#### 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 in place on all of Carlow County Council's public water supplies.

#### Audits of Drinking Water Treatment Plants

The EPA did not carry out any audits of drinking water treatment plants in Carlow during 2010.