

## MAYO COUNTY COUNCIL

### Summary of Public Water Supply Quality in 2010

Mayo County Council is responsible for the operation of 24 Public Water Supplies (PWS) serving a population of 78,509.

Microbiological compliance levels in PWSs in Mayo were 100% in both 2009 and 2010 whilst chemical compliance levels have increased from 98.7% in 2009 to 98.9% in 2010.

	Micro	Chemical
2010	100	98.9

#### Microbiological Parametric Values:

No non-compliance 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
Lead	Ballycastle (1)
Trihalomethanes	Ballina (1)
	Bonniconlon (1)
	Cong (1)
	Foxford (1)
	Lough Mask (3)
	Swinford (1)
<b>Total No.:</b>	<b>9</b>

While the cause of the lead failure was unknown it was likely due to the presence of lead in the communication pipe, service pipe and/or customers plumbing.

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 or water restrictions notices were issued to consumers during 2010 and none remained active from previous years.

### EPA Enforcement in 2010

#### Remedial Action List

No. of PWS on the RAL at the end of 2010:	12
No. of PWS added to RAL in 2010:	1
No. of PWS removed from RAL in 2010:	2

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 Ballyhaunis and Inishturk public water supplies were removed from the RAL and Clare Island supply was added from the RAL.

#### 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 were in place on all Mayo County Council PWS by the end of 2010.

#### Directions

The EPA issued two Directions to Mayo County Council during 2010. Details are as follows:

Name of PWS	Reason for Direction
Westport	Aluminium
Louisburgh	Aluminium

The two Directions were issued in respect of the Westport and Louisburgh plants both of which were experiencing aluminium exceedances due to both plants being run above design capacity.

#### Audits of Drinking Water Treatment Plants

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

Date Audited	PWS Audited
Oct-10	Bonniconlon
Oct-10	Kilkelly
Mar-10	Louisburgh
Mar-10	Westport
Oct-10	Knock Airport