

Case Study

Lough Talt Water Treatment Plant Upgrade



Client:
Irish Water

Specialist Subcontractor:
Colloide

Location:
Sligo, Ireland

Project:
Rapid Gravity
Treatment (RGF) Units.

Colloide were appointed by Coffey Group on behalf of Irish Water to design, supply and deliver Package Sand Filter Systems for Lough Talt Water Treatment Plant (WTP).

The Lough Talt Water Treatment Plant (WTP) needed extensively upgraded in order to provide adequate treatment to Tubbercurry, Ballymote and surrounding communities including Annagh, Aclare, Bellaghy, Curry, Lavagh, Ballinacarrow, Carrownedeen, Kilmacteige and Coolaney, Cloontia, Doocastle and Quarryfield.

These communities had been living with boil water notices, which are public health notices advising that the drinking water is not safe to drink unless it is boiled and cooled beforehand.

Project Deliverables

The main components of the system

As part of Irish Waters Lough Talt Water Treatment Plant upgrade Colloide supplied two number new Rapid Gravity Treatment (RGF) Units.

Each unit contains 3 RGF cells and 1 balance tank, the new plant provides safe drinking water for the next 10 years, and has allowed the Boil Water Notices to be lifted.

The completed upgrade works has allowed the lifting of boil water notices in the area, benefitting 13,000 customers.

