



## WEST INISHOWEN WATER SUPPLY SCHEME

River Dam, 20MLD Water Treatment Plant, Storage Facilities & Distribution Mains

**Client: Donegal County Council**

### SUMMARY:

**Value:** €30 million

**Status:** Complete

### Services Provided:

Preliminary Report  
Environmental Impact Statement (EIS)  
Project Management  
Detailed Design

### This Scheme involved the design and construction of the following works:

- Composite earthfill / concrete dam on the Owenasop River, near Buncrana, County Donegal.
- A Dissolved Air Floatation followed by Rapid Gravity Filtration Treatment Plant with OSEC Disinfection Unit, design capacity 20,000m<sup>3</sup> / day.
- 10km of 700 – 800mm Trunk Mains.
- 10,000m<sup>3</sup> reinforced concrete reservoir.

This major project which was completed in 2002 will provide for the future requirements of the entire Inishowen Peninsula. The total cost of the project was €30m.

