



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

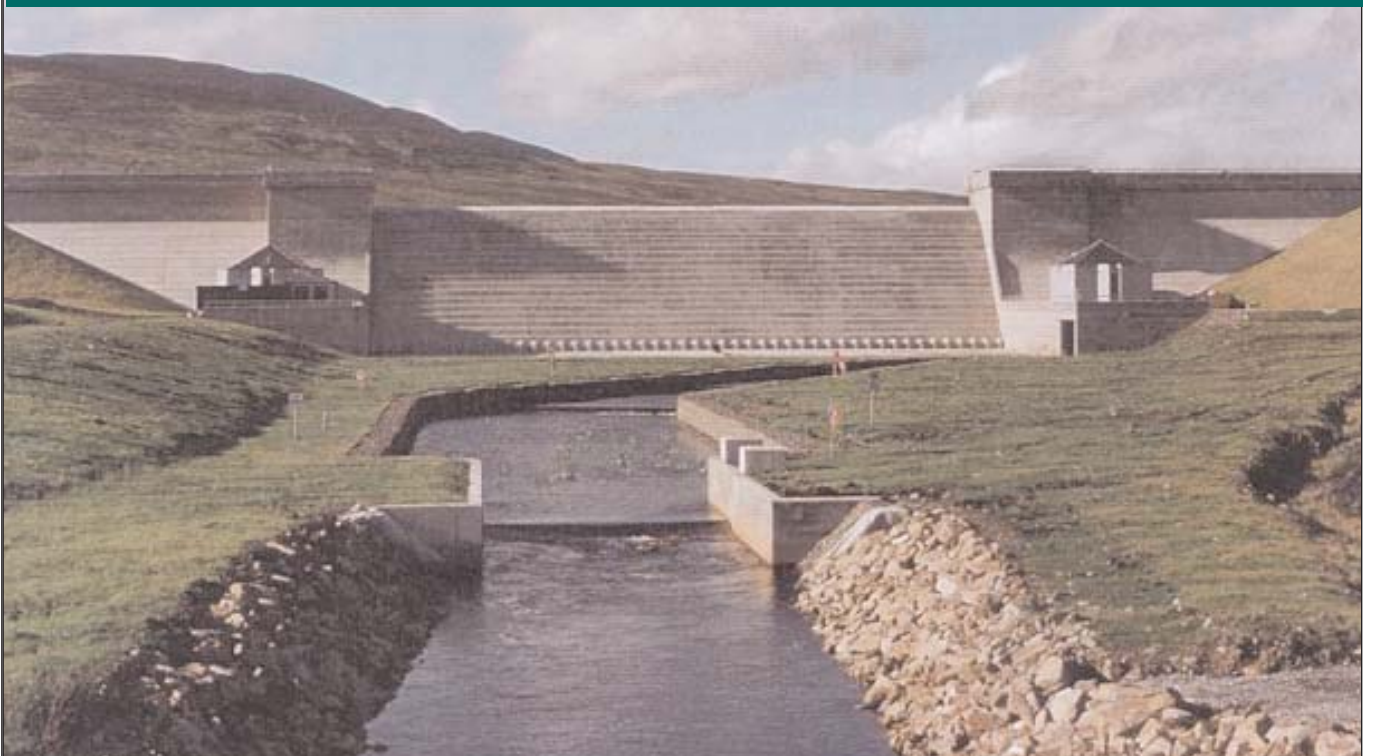
Services Provided:

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 Flootation followed by Rapid Gravity Filtration Treatment Plant with OSEC Disinfection Unit, design capacity 20,000m³ / day.
- 10km of 700 – 800mm Trunk Mains.
- 10,000m³ 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.



Nicholas O'Dwyer
CONSULTING ENGINEERS