

Case Study: Hydro Works

Loch Duntelchaig, Inverness Water Supply

We were appointed as main contractors for one of several phases of works to improve and upgrade the main source of drinking water to the city of Inverness.

Duntelchaig dam involved the provision and installation of steel sheet piling with in situ reinforced concrete in the spill way and wave walls, and rock armour erosion protection. Integral to the construction was the provision of a permanent fish ladder, access bridge and associated infrastructure.

KEY FACTS

Client:	Scottish Water
Duration:	6 Month Contract
End Use:	Main source of drinking water for Inverness City
Work Scope:	Civils, Steel Work, Design Engineering, Fabrication and Installaiton.

Scope of Work

This was a 6-month contract to renew the control dam on Loch Duntelchaig outfall. Water from this loch is diverted to nearby Loch Ashie, from where it is extracted and pumped into the new water treatment works for direct supply to 37,000 homes.



Environment

We worked closely with The Scottish Environment Protection Agency (SEPA) to ensure safe and satisfactory completion of the project whilst at the same time protecting the local ecosystem.

