

## Project Case Study

<b>Client:</b>	Scottish Sea Farms Ltd
<b>Project Value:</b>	£0.65m
<b>Dates:</b>	February 2014 – June 2015



### Description:

This project delivered improvements to the security and quality of the raw water supply at an existing salmon hatchery at Knock, on the island of Mull. It involved the construction of a new river intake, installation of new pumps for water abstraction, installation of new UV disinfection units, construction of two small buildings, and new pipework to connect the new water supply to various groups of fish rearing tanks.

The works were carried out over an extended programme to avoid the worst of the winter weather and to tie in with production plans.

The new LM high volume, low lift borehole pumps and Wedeco UV units can deliver and disinfect up to 21m<sup>3</sup>/min of fresh water into the facility.

Upgrades to site electrical installations, oxygenation and control systems were also carried out.

### Scope of Works:

Managing all aspects of the construction phase including health and safety, site supervision, co-ordination between contractors and procurement of the complex pipe and valve arrangements required to connect the new plant and equipment.

Re-design of the pipework to suit site levels, ground conditions and flood risk. Reinforced concrete design.

### Key Points

Maintaining the existing raw water supply and water quality during the construction period was essential to maintain fish health and growth.

Logistical challenges involved in working in a rural, remote location and co-ordination of local contractors with others travelling from the mainland, deliveries of large items of plant and pipework on time.