

## Barcraigs SR and Rowbank SR Client: Scottish Water

Barcraigs SR and Rowbank SR are adjoining reservoirs situated approximately 2.5 miles southeast of Howwood, Renfrewshire. A ResMix had been installed in Barcraigs SR and dissolved oxygen and temperature monitoring was required at four levels in each reservoir to monitor its effect.

### Project Scope:

- \_The main driver for this project was to monitor the effect of the ResMix on DO levels in both Barcraigs SR and Rowbank SR.
- \_Provide rapid installation of a temporary system to monitor and log DO/Temperature at Barcraigs SR while awaiting delivery of a permanent system.
- \_Provide logged data in Excel format.
- \_Install and commission two multi-point permanent DO/Temperature systems with four measurement points each.
- \_Provide temporary power for permanent system until a permanent supply could be provided by Scottish Power.
- \_Provide the required civils.
- \_Provide a telemetry solution for the permanent system.

### Services Provided:

- \_Project management.
- \_Procurement and maintenance of temporary gas powered generator.
- \_Procurement of all MEICAT requirements including instrumentation, civils, temporary power and telemetry.
- \_Mechanical, Electrical, Civils and Telemetry installation and commissioning.
- \_Operative Training.

