**Development and research centre for waste water**

**Purpose**

Our Waste Water Development Centre enables users to test and develop prototype products, processes and technologies on an industrial scale for real world application.

Located on a live, operational treatment works, the centre enables users to test and demonstrate new processes and equipment in a safe and dynamic environment.

The facility also provides a platform to upscale experimentation and for researchers to gain hands-on industrial experience.

Successful collaboration between academia and industrial organisations is the key to a sustainable future. Our aim is to foster a culture of knowledge sharing and co-working to deliver industry relevant solutions.

**Facility**

There are three test bays, each with live feeds at different stages in the treatment process namely, post screening, post primary treatment and final effluent.

The facility carries a Waste Management Licence enabling users to import waste from alternative industrial streams to test on non-domestic sewage, enabling industry relevant results.

The facility also benefits from a small-scale waste water treatment test rig, as well as a screening area to facilitate trials at the inlet to the works.

Other features of the centre include:

* Drainage discharge points
* Compressed air
* Power supply 240v, 110v, 400v

Flow of waste water entering the facility:

* Maximum of 13,510 m3 per day
* Minimum of 5,271 m3 per day
* Average of 10,800 m3 per day

Included in the service:

* Health and safety assessments before trials begin
* Environmental licences for operating trial units
* Bespoke insurance for equipment
* Support with funding applications
* Project supervision and access to skilled operators
* Specialist guidance and support
* Modern welfare facilities and a laboratory area

Additional services:

* Scottish Water UKAS accredited sampling and analysis
* Access to a small-scale waste water treatment rig

**For more technical information click here (link to tech spec for academia)**

**Find us**

Waste Water Development Centre

Carriden Industrial Estate

Bo’ness

EH51 9NZ

**Contact**

Rebecca Skuce  
Project Manager  
Tel: 07483 143439  
Email: [Rebecca.skuce@scottishwater.co.uk](mailto:Rebecca.skuce@scottishwater.co.uk)  
Web: [Scottish Water Development Centres](http://www.scottishwater.co.uk/business/our-services/development-centres/development-centres-landing-page)