



**Scottish
Water**

Trusted to serve Scotland

Welcome

Thank you for attending today's event about our Black Esk Water Treatment Works (WTW) proposals.

With our alliance delivery partner, Efficient Service Delivery (ESD), Scottish Water has been developing investment plans to improve the quality of drinking water in the Dumfries & Galloway area to over 40,000 customers. The proposed work is needed to ensure that the WTW will be able to meet the needs of the community for many years to come.

The objectives of today's event are:

- To provide information and discuss the new WTW proposals
- To discuss the recent planning application
- To answer questions and discuss any concerns

We have information on:

- The proposed landscape tree planting plan
- Information on the planning submission
- Drawings of the new WTW
- How to contact us should you have a query

We want to continue to keep in touch as our plans progress, therefore please visit www.scottishwater.co.uk/BlackEsk or call our Customer Helpline on **0800 0778778** quoting 504549/ESD. You can also email ESD on community@esd.scot with any concerns.

 scottishwater.co.uk

 customer.services@scottishwater.co.uk

 **0800 0778778**

 facebook.com/scottishwater

 [@scottish_water](https://twitter.com/scottish_water)



Scottish Water

Trusted to serve Scotland

Who we are



Scottish Water

Trusted to serve Scotland

Working with our delivery partner



On major projects, such as Black Esk Water Treatment Works (WTW), Scottish Water (SW) frequently works in partnership to develop solutions with trusted partners. On this project, ESD (a joint venture between MWHT and Galliford Try) will be the alliance partner.

 scottishwater.co.uk

 customer.services@scottishwater.co.uk

 0800 0778778

 facebook.com/scottishwater

 [@scottish_water](https://twitter.com/scottish_water)



Scottish Water

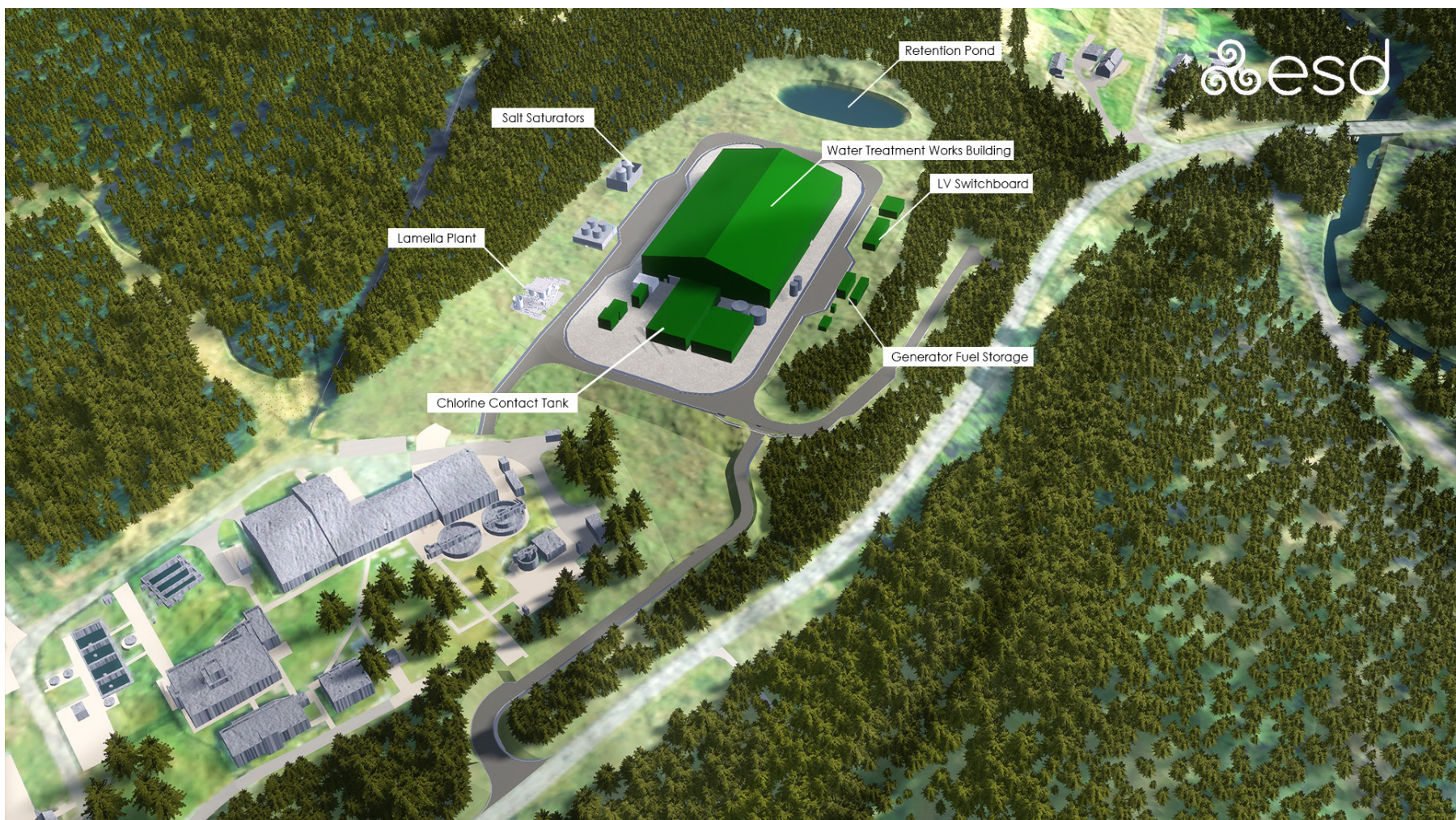
Trusted to serve Scotland

Why this project is required

Black Esk Water Treatment Works (WTW) is located at Boreland and serves over 40,000 customers across Dumfries & Galloway.

The existing works is reaching the end of its serviceable life therefore the proposal is to construct a new multi million-pound Water Treatment Works.

We will be improving the quality of network water supply for customers in the area, ensuring a more stable treatment process and flow through the local water network.



 scottishwater.co.uk

 customer.services@scottishwater.co.uk

 0800 0778778

Black Esk WTW

 facebook.com/scottishwater

 [@scottish_water](https://twitter.com/scottish_water)



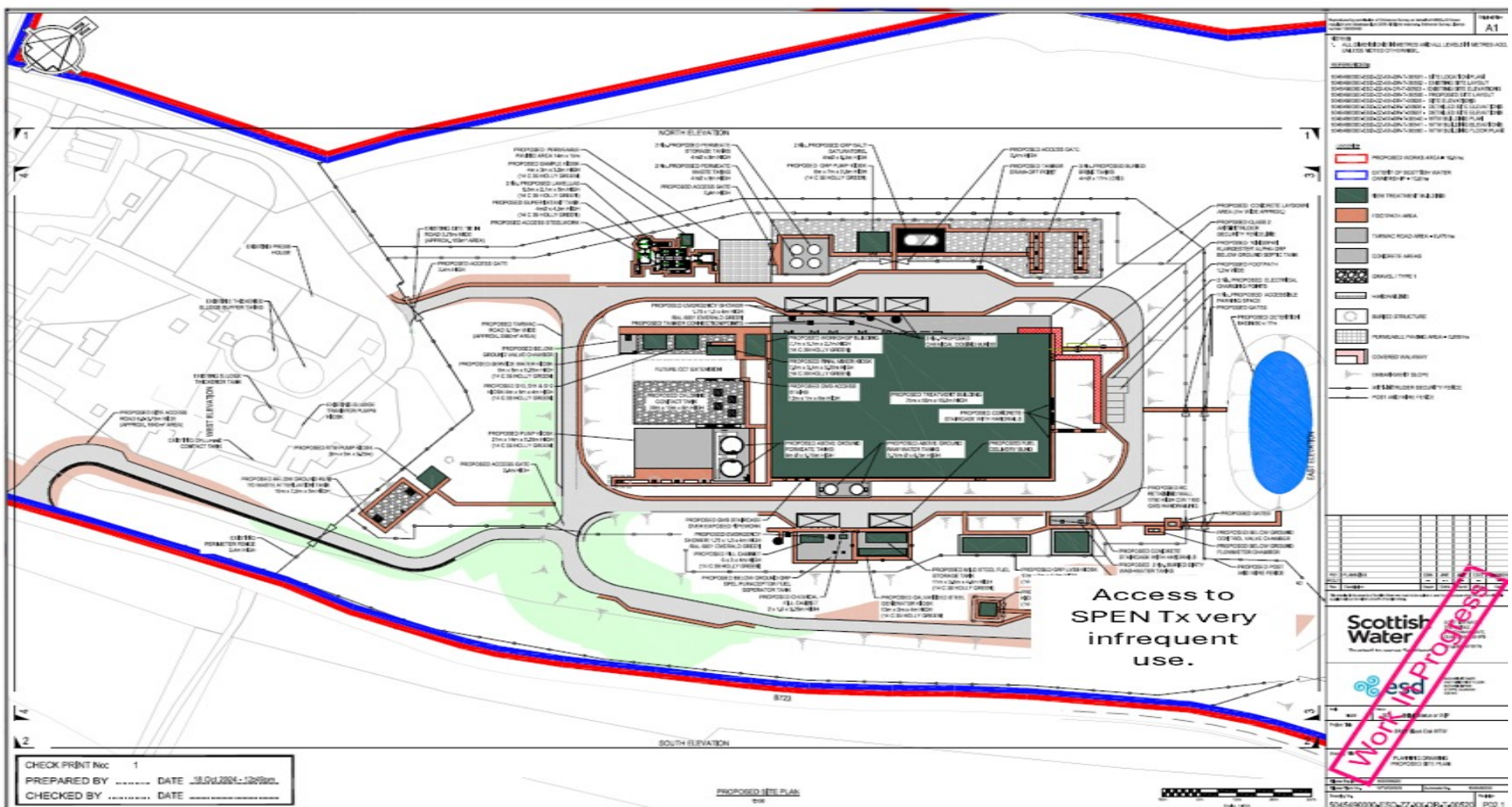
Scottish Water

Trusted to serve Scotland

What will this involve - Location

To achieve the aims of the project, a new water treatment works and infrastructure will be required, in addition to upgrades and modifications to the existing plant.

The map below shows an overview of our proposals, including the location of the new Water Treatment Works.



When the new infrastructure has been built, some of the existing Black Esk WTW will no longer be required and will be decommissioned.

 scottishwater.co.uk

 customer.services@scottishwater.co.uk

 0800 0778778

 facebook.com/scottishwater

 @scottish_water

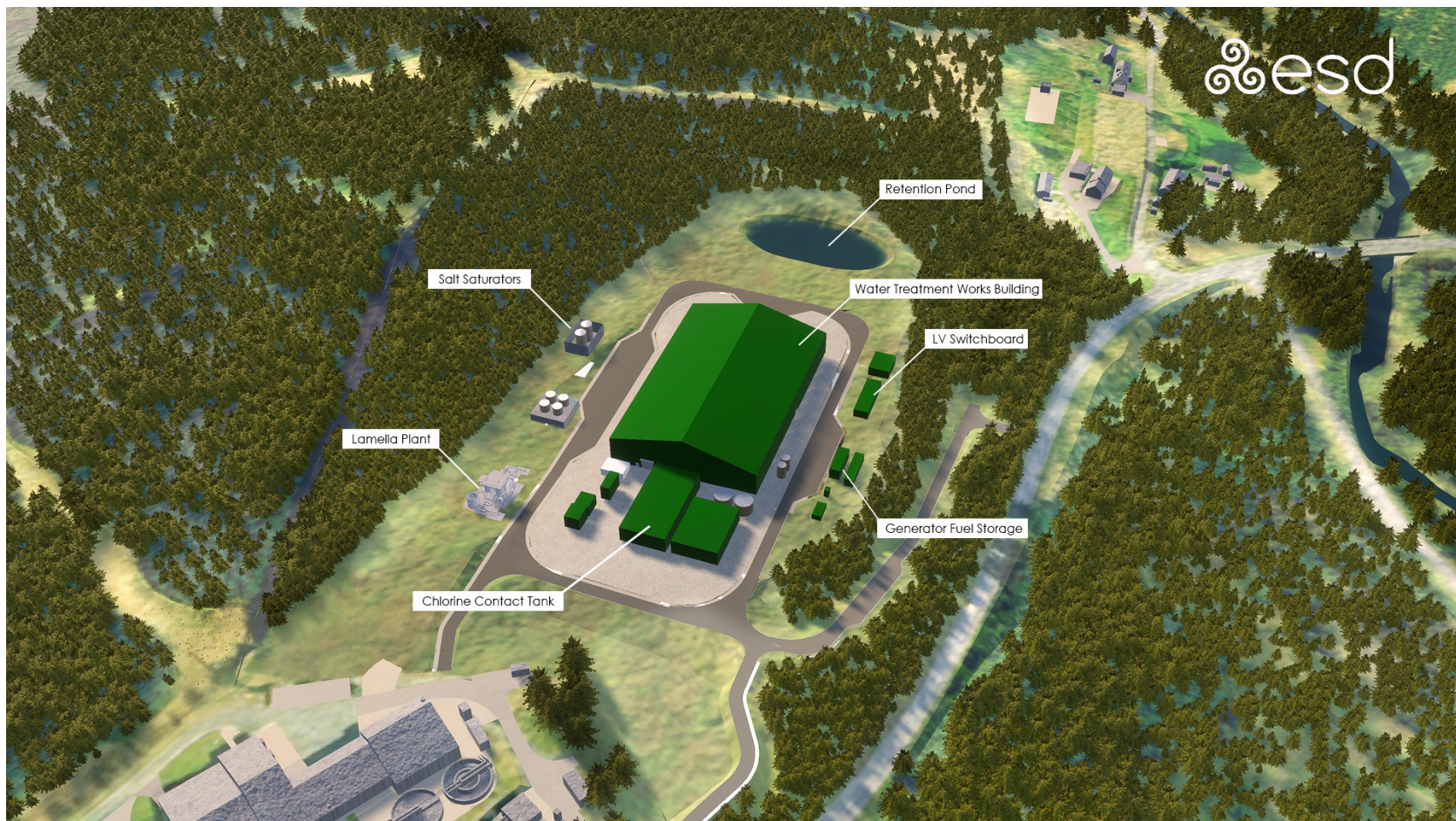


**Scottish
Water**

Trusted to serve Scotland

Scope of works - Black Esk

The proposed site layout and scope of works for the new Water Treatment Works.



Black Esk WTW

The scope of works for this project includes the following:

- Ceramic membrane plant
- Ion Exchange plant
- Chemical dosing plant
- SCADA and System Integration
- Lamella plant

Subject to planning consent, work is expected to start in Summer 2025 with a forecast duration of 2 years.

 scottishwater.co.uk

 customer.services@scottishwater.co.uk

 0800 0778778

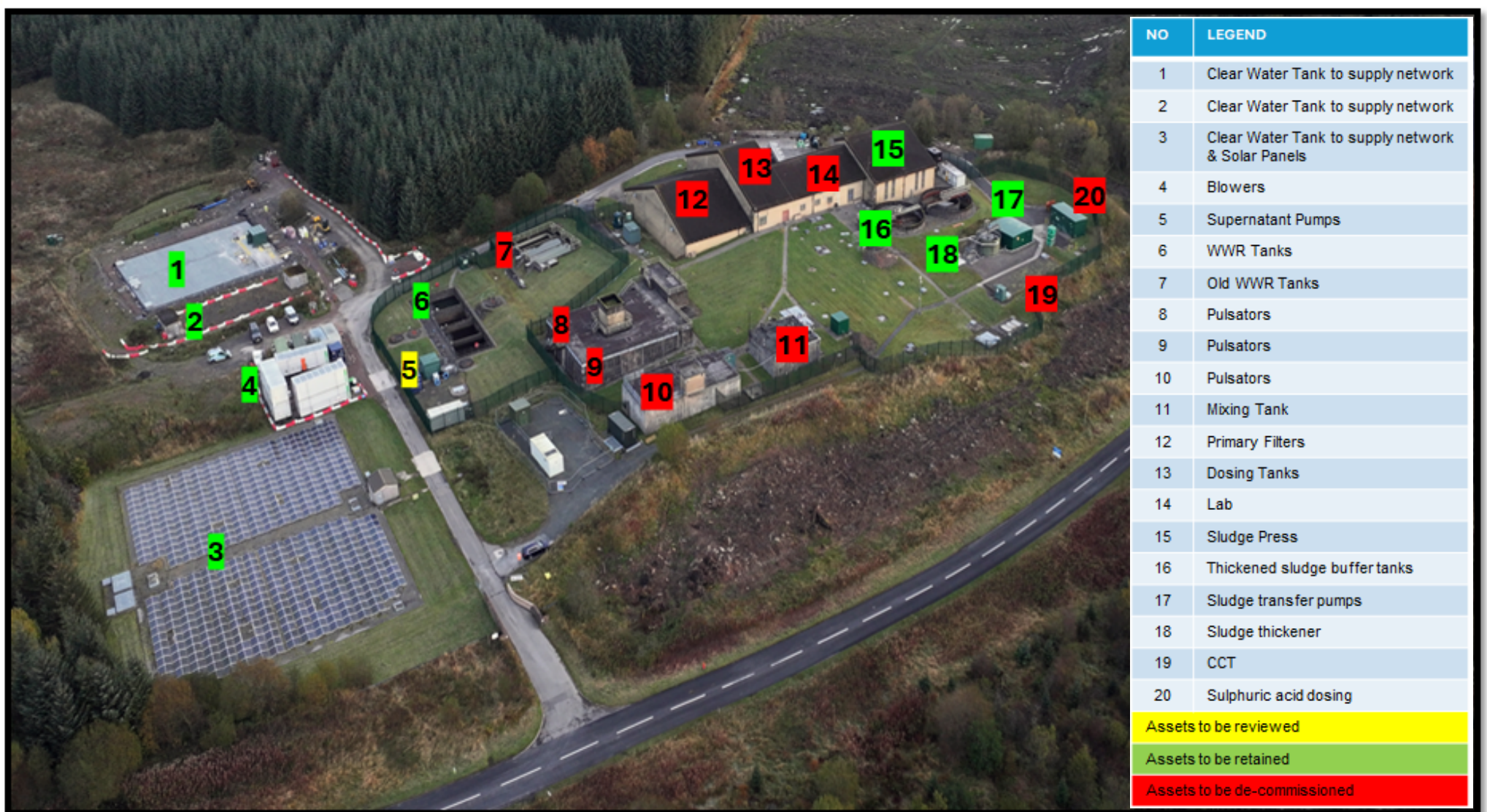
 facebook.com/scottishwater

 @scottish_water



Scope of works - Existing Water Treatment Works

The scope of works for the existing Water Treatment Works are detailed below.



Existing WTW

- The large Clear Water Tanks (CWT's) will be retained and connected to the new WTW for storage and connection to the existing supply network.
- The existing Wash Water Recovery (WWR) and Sludge system will be retained and connected to the new WTW.
- All other equipment will be decommissioned (highlighted in red).

 scottishwater.co.uk

 customer.services@scottishwater.co.uk

 0800 0778778

 facebook.com/scottishwater

 [@scottish_water](https://twitter.com/scottish_water)



Scottish Water

Trusted to serve Scotland

Environmental

Environmental advisors have been engaged on the project and will consult throughout the duration of the project.

Ecology

An ecological survey was undertaken in November 2022 and further environmental checks were undertaken prior to and during the recent tree felling works within the purchased land area. Additional surveys will be carried out during the Project.

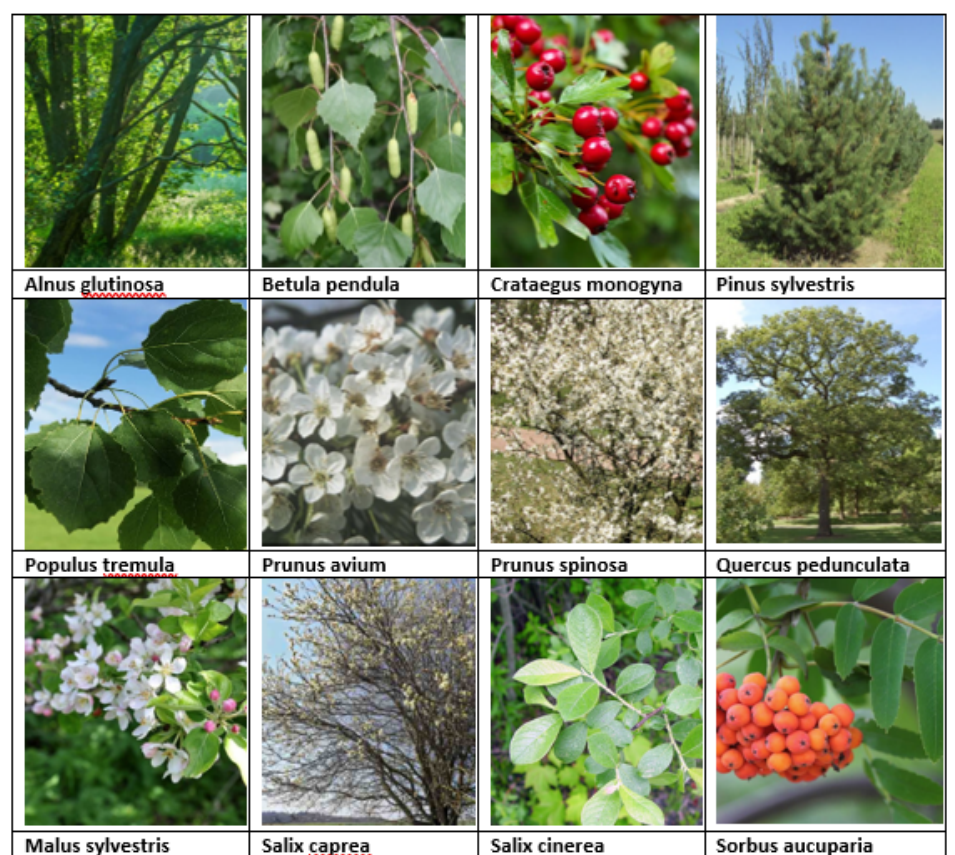
Heritage

An archaeological assessment has been conducted and concluded archaeological risk is low.

Biodiversity and Landscaping

A biodiversity survey commenced in March 2022 looking at improvements that can be achieved across the wider Black Esk network area, the suggestions in the report within Project boundary have been included in the landscaping drawing.

Two hectares of compensatory tree planting has been completed at West Deloraine and a further two plus hectares of native woodland planting will be carried out within the site boundary, as detailed in the landscape drawing.



Typical native shrub and tree planting

scottishwater.co.uk

customer.services@scottishwater.co.uk

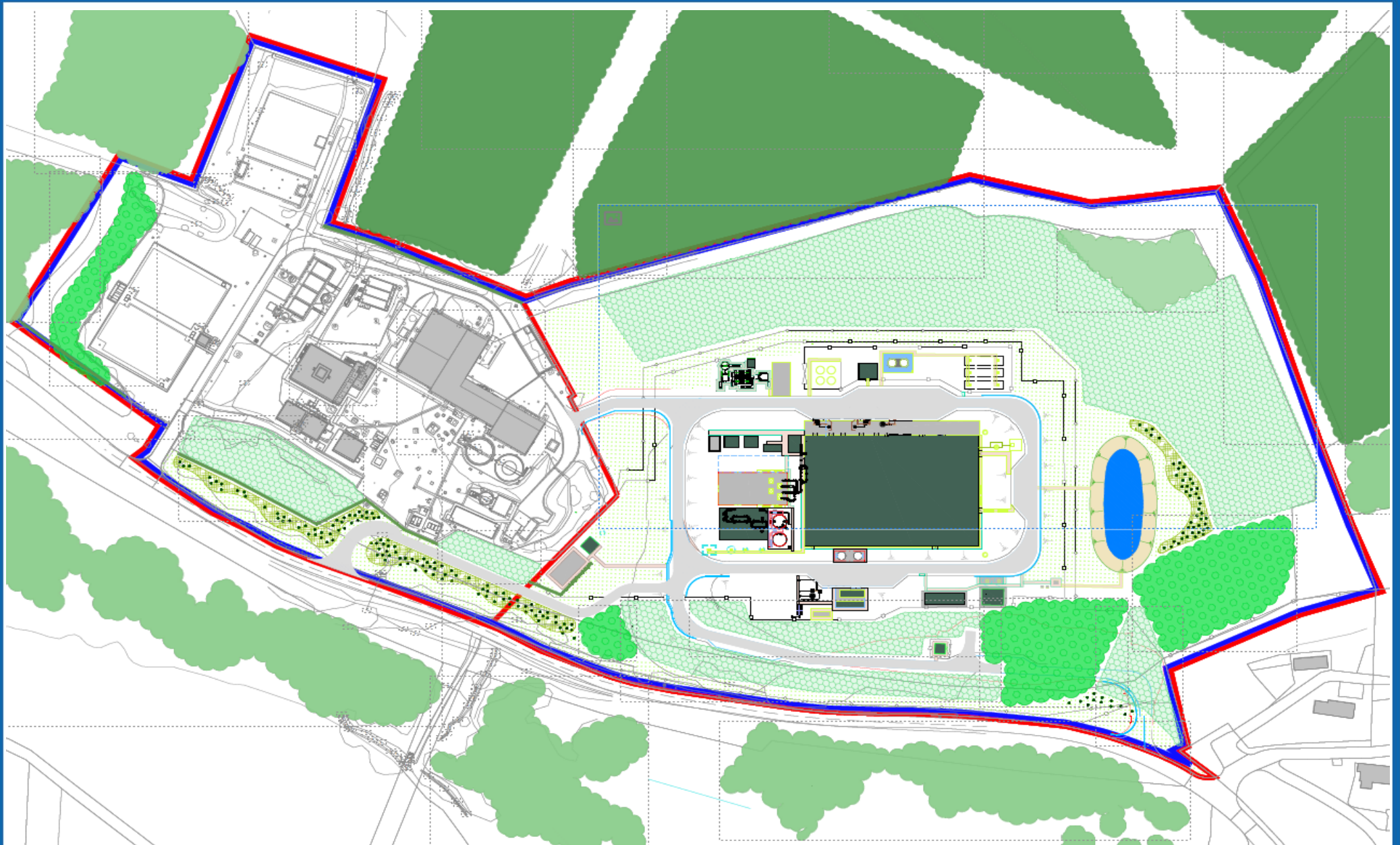
0800 0778778

facebook.com/scottishwater









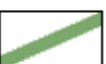
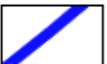
@scottish_water

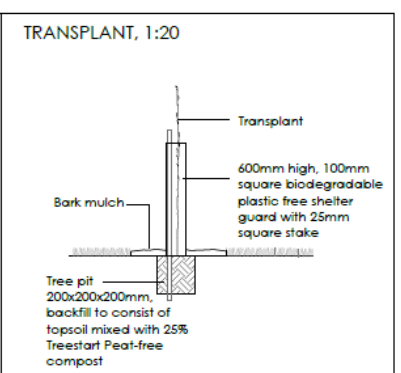
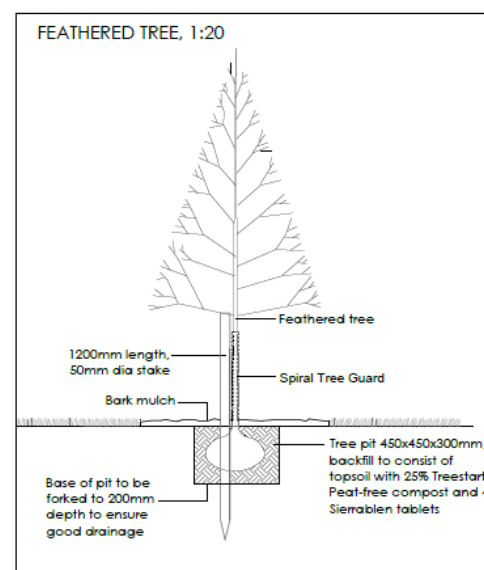


Environmental - Tree & Scrub Planting



KEY

	Existing Retained Trees		Proposed Native Meadow Seeding
	Surrounding Forestry Trees		Proposed Low Native Scrub Planting
	Proposed Native Woodland Restock (Birch, Rowan & Hazel)		Native Tree Planting
	Proposed Interplanting in Existing Woodland		Planning Application Boundary
	Proposed Native Hedgerow		SW Ownership Boundary



- The native woodland restock trees are non commercial and will not be felled when mature, unlike commercial stock.
- The inter-planting, native hedgerow and meadow seeding will promote biodiversity in the area.



**Scottish
Water**

Trusted to serve Scotland

Keeping you in the picture

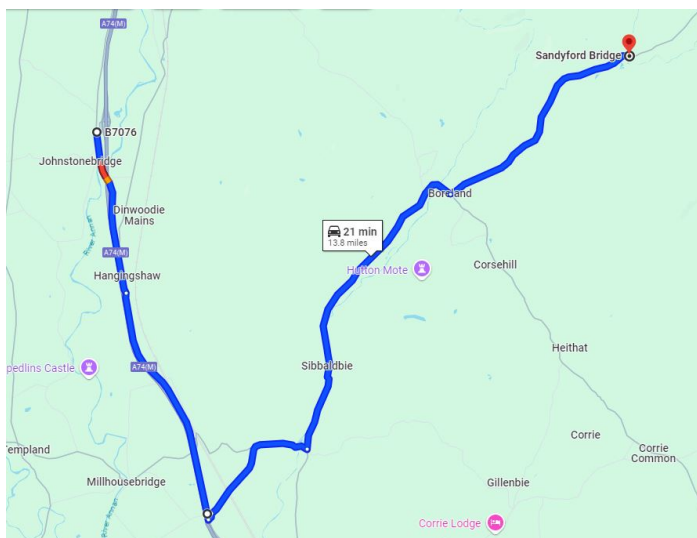
Protecting the natural environment in your area

If you have any questions about Scottish Water and our services, please visit www.scottishwater.co.uk, or call our Customer Helpline on 0800 0778778

Traffic Management at Black Esk

Various traffic management measures are being investigated by ESD:

1. Development of a holding area for transportable treatment unit (TTU) deliveries
2. Verge improvements including betterment for soft verges
3. Vegetation removal and pruning
4. Signage improvements
5. Measures to mitigate substandard sighting distances
6. Winter maintenance



Traffic route



**Scottish
Water**

Trusted to serve Scotland

Project timeline



View to WTW from the B723



Building height shown is 16 metres and the red line indicates potential further reduction to 12.5 metres.



**Scottish
Water**

Trusted to serve Scotland

Keeping you in the picture

Protecting the natural environment in your area

If you have any questions about Scottish Water and our services, please visit www.scottishwater.co.uk, or call our Customer Helpline on 0800 0778778

Planning at Black Esk

A planning application will be submitted to Dumfries and Galloway Council. Should the application be approved, any conditions will be included within the design and construction of the project.





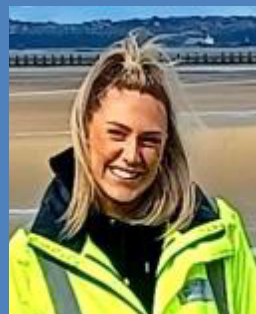
**Scottish
Water**

Trusted to serve Scotland

Meet the Team-Black Esk Project



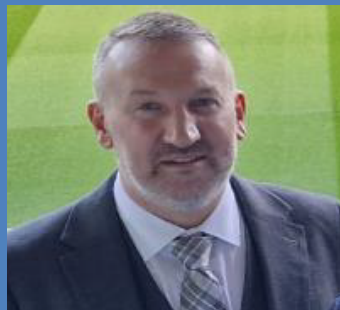
Jane McKenzie
Communications
Manager-Major
Projects (SW)



Denni Kinnear
Senior
Communications
and Engagement
Consultant (SW)



Natalie Mason
Communications and
Engagement
Consultant (SW)



Stewart Smolarek
Project Manager
(SW)



Joe Oldroyd
Senior Project
Manager (ESD)



Caroline McKenzie
Customer Manager
(ESD)



Gillian Pettigrew
Customer Support
Officer (ESD)



Scottish Water

Trusted to serve Scotland

Keeping in touch

Scottish Water and ESD are committed to keeping you and the local community fully informed and engaged with the work we are doing.

We hope today's event has given you an understanding of our plans and an opportunity to discuss any questions or concerns.

Scottish Water is a publicly owned company, accountable to the Scottish Parliament and the people of Scotland. We operate within a strict policy and regulatory framework, but we are making this investment for our current and future customers in this area. We are keen to work with you to minimise any short term disruption this involves.

Volunteering programme



Every Scottish Water employee can take up to 2 days a year to get involved in education, conservation or community activities. Get in touch if there are volunteering opportunities locally that you think could benefit from our support.

We are keen to get involved in the local community, please email ESD directly community@esd.scot with any ideas or information of any local events that you would like us to support.

 scottishwater.co.uk

 customer.services@scottishwater.co.uk

 0800 0778778

 facebook.com/scottishwater

 [@scottish_water](https://twitter.com/scottish_water)