

FAQs about Burncrooks project

Q1 What does the Burncrooks water quality project involve?

A Investing about £25m to improve services to customers by changing the source of their water supply from Burncrooks Water Treatment Works (WTW) in west Stirlingshire, close to the border with West Dunbartonshire, to Milngavie Water Treatment Works in East Dunbartonshire.

Q2 What is the main thing the project will deliver for customers?

A High quality drinking water. Changing the source of their water supply from Burncrooks WTW to Milngavie WTW. will ensure about 54,000 customers in parts of the Bearsden, Milngavie, Clydebank, Mugdock, Strathblane and Blanefield areas receive the highest quality drinking water for many years to come.

This includes customers in the north and west of Bearsden, parts of Milngavie on higher elevations such as Mains Estate, Barloch, and Clober, most of the Clydebank area including Duntocher, Faifley and Hardgate, and Mugdock and parts of Strathblane and Blanefield.

In addition to these domestic customers, the investment will also benefit a large number of businesses and buildings such as schools.

Q3 What is the issue with Burncrooks WTW?

A Burncrooks WTW has served the area well, since it opened in the late 1950s/early 1960s, but is reaching the end of its working life and will be decommissioned. Scottish Water has determined that Burncrooks WTW is not suitable to meet long-term water quality standards.

It would also not bring any resilience to the system, i.e. the ability to supply water from an alternative source in the event of loss of supply.

Q4 Have the water quality exceedances been a safety issue?

A No, these have not been a safety issue.

Q5 Why not an upgrade of Burncrooks WTW?

A Upgrading the WTW and associated infrastructure to modern standards would be at a high cost and wouldn't be guaranteed to resolve the water quality issues. It would also not bring any resilience to the system, i.e. the ability to supply water from an alternative source in the event of loss of supply.

Q6 Who will carry out the work and what will the project involve?

A The work will be carried out for Scottish Water by its alliance partners Caledonia Water Alliance (CWA) and is expected to begin in October 2018 and to be completed in about two years

There are four key components of the project:

- a pumping station at Bankell Service Reservoir
- a 4.2 mile transfer main from Bankell Service Reservoir to Baljaffray Service Reservoir. The route to the north of Milngavie means the populated area of the town and busy transport routes will be avoided.
- a pumping station near Craigton to pump flows back to the Carbeth District Metering Area (DMA) and Craighend Reservoir.
- a 2.4m rising main from Baljaffray Service Reservoir to connect to the south of the Carbeth DMA.

Q7 Details of what will happen at Bankell Pumping Station.

A The pumping station at Bankell will be situated on the managed grassland to the south east of the existing service reservoir.

The pumping station will be located within a building measuring approximately 26.4m x 16.9m x 7.8m high, the detailed design of which is ongoing. The intention is to design it like an agricultural building and to set it into the hillside to minimise landscape and visual impact. Further mitigation will be provided in the form of bunding and screen planting.

Q8 How will the project affect the Site of Special Scientific Interest (SSSI) at Mugdock Wood?

Scottish Water has been in discussion with both Scottish Natural Heritage and East Dunbartonshire Council to agree how we can reduce the impact that the pipe installation will have in the area.

The pipeline route through the SSSI provides an opportunity to carry out habitat restoration and an opportunity to upgrade the footpath network in Mugdock Wood, which is heavily used as a recreational resource.