

Introduction

Water quality in the UK is one of the best in the world. The Grand Union Canal Transfer scheme is committed to providing high-quality drinking water throughout its journey to customers' taps.

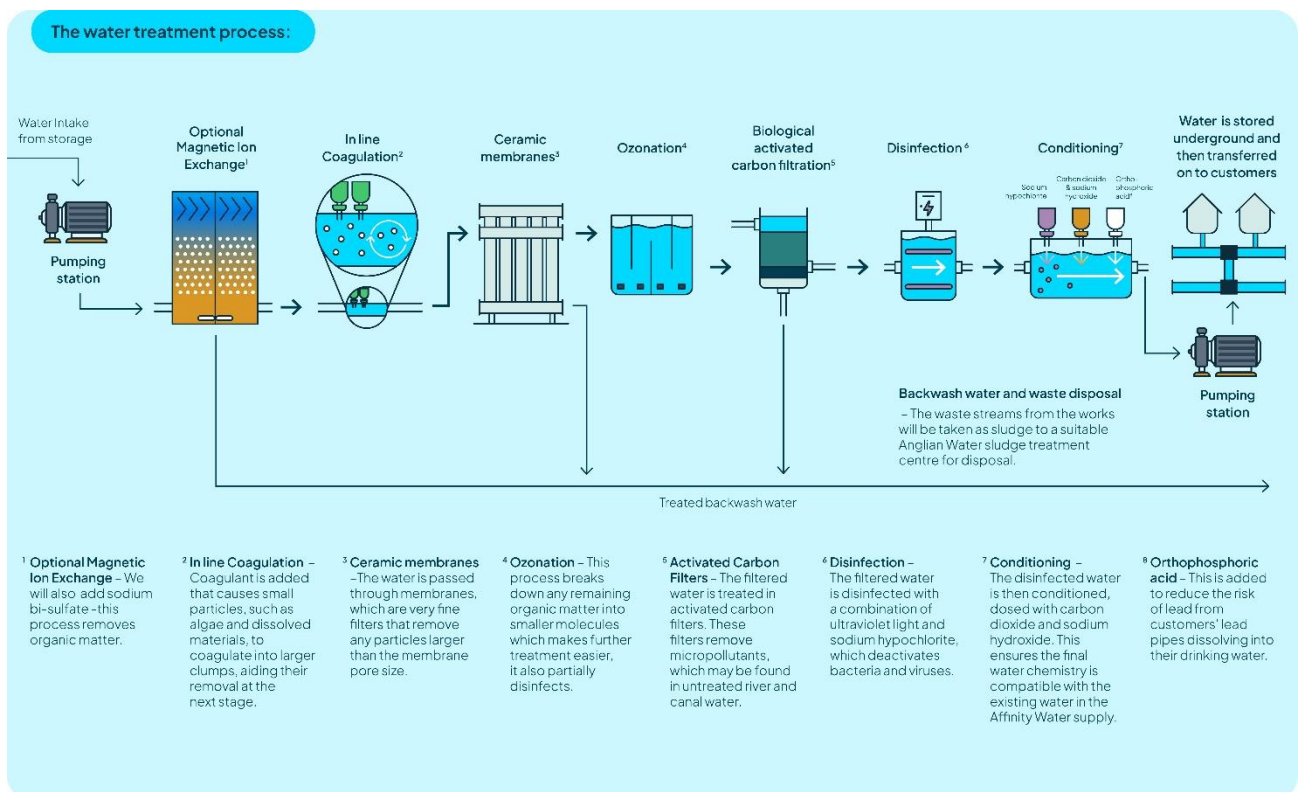
As part of the scheme, we are planning to abstract water from the canal and then store it at a new water storage site. The water will then be treated at the new Galley Water Treatment Works (WTW) to drinking water standards, before transferring it to a pipeline.

The pipeline will transport the drinking water to an existing covered reservoir near Luton, where it will enter the Affinity Water supply network.

How is the water treated to make sure it's safe to drink?

We are still refining the exact treatment processes we will be using at Galley WTW and are currently developing a trial plant which will look to test and fine-tune the treatment process before it is finally built.

The diagram below sets out what we have currently designed for the water treatment processes, based on the engineering work completed to date. These processes are standard across the water industry using technology that is both reliable and resilient.



How, and when, is the quality of water checked?

We test water on a daily basis at water treatment works across the water network and at customers' taps. Each year, we collect hundreds of thousands of samples which are then analysed by our water experts in our accredited laboratories, where they're subjected to millions of individual tests.



And that's only the beginning. We also have permanently installed continuous automatic analysers that monitor water quality day and night, all year round. These machines test for everything including chlorine, aluminium, iron, nitrate and pH levels in your water supply, helping to ensure we can supply the best quality water 365 days of the year.

Is there anyone who independently checks water quality?

The Drinking Water Inspectorate (DWI) regulates the quality of drinking water in England and Wales. We forward samples of our results to the DWI every month, and each year the DWI publishes a detailed report, showing drinking water quality data and results of the audits. It also includes any other checks they've carried out throughout the year. This report, and other information on drinking water quality, is available on the [DWI's website](#).

How do I find out more?

Whether you live in Severn Trent, Anglian Water or Affinity Water supply areas you can check the water quality in your area.

On each of the companies' websites you can enter your postcode and view water quality in your area. Links to each of the pages are set out below:

[Affinity Water customer](#)

[Severn Trent customer](#)

[Anglian Water customer](#)



Answering your questions

If you have a general query about the scheme, please contact the team via **email**: contact@guctransfer.co.uk