

# come and work with us



## Junior Infrastructure Engineer

Here within the Anglian Water @one Alliance, we are a totally collaborative organisation made up of our seven partner companies (Anglian Water, Balfour Beatty, Barhale, MMB, MWH Treatment, Skanska and SWECO) and our extended supply chain, delivering over half of Anglian Water's capital investment programme.

Now working in the latest Asset Management Period, known as AMP 7, we are working towards delivering an approximate £1.3bn programme of work until 2025. Are you ready to join us as we aim to deliver the most exciting and innovative AMP we have ever seen? We understand we need to build an enthusiastic and talented workforce which can provide us with innovative and different ways of working to keep the water flowing throughout our regions for years to come.

With this in mind, we are looking for Junior Infrastructure Engineers to work on both clean water and water recycling infrastructure projects across the region.

## What you will be doing as our new Junior Infrastructure Engineer?

As our new Junior Infrastructure Engineer, you'll deliver water or wastewater infrastructure projects that promote safe designs, outperform financially, use innovative solutions, reduce carbon, and deliver sustainable outcomes.

Working closely with our hydraulic modellers, environment teams, construction, customer, and project management you'll develop robust solutions that satisfy the defined project outcomes. You'll also look to develop innovative designs that deliver value for money whilst acting as a proactive problem solver by applying engineering principles.

### Responsibilities:

- Development of designs and the coordination of the multidisciplinary teams.
- Deliver clean water or wastewater infrastructure projects within a framework contract (candidates are not expected to have both water and wastewater experience).
- Utilise digital tools such as GIS & BIM 360 Docs to deliver infrastructure projects.
- Combine the often-conflicting requirements of cost, environmental constraints, customer requirements and safe and efficient designs to deliver the project outcomes.
- Apply relevant Design Standards, British Standards and Eurocodes in the design of buried pipework and other network ancillaries (e.g., thrust blocks, pumping stations & manhole chambers).
- Working experience of CDM2015 and the duties therein.
- Ability to understand and implement the hierarchy of risk management in design.
- Develop comprehensive and robust Design Risk Assessments.

### A little bit about your skills, experience, and behaviours....

To join our Engineering team in our quest to remain an industry-leading alliance by pushing boundaries of innovation, you'll ideally hold a BEng or MEng/MSc Degree in Civil engineering.

You'll possess good knowledge of undertaking calculations for pipeline designs and the ancillaries to a network (e.g., thrust blocks).

You will also be able to demonstrate a good knowledge of enabling activities and construction techniques.

# come and work with us



With demonstrable experience in undertaking the design of various civil engineering structures within the Water industry, you'll be confident in optimising the use of digital platforms to bring innovative ideas to life.

Possessing strong communication, collaboration, and stakeholder management skills to complement your proficiency in IT packages, you'll relish solving complex engineering challenges and bring innovative ideas to the table to continuously improve our processes.

Understanding the importance of stakeholder engagement, you'll present new ideas underpinned by your expertise and solid data analysis and reports as you bring others along with change.

If you are an enthusiastic and driven Pipeline/Infrastructure Engineer looking for an opportunity to showcase your talent and add value to your career with an industry-leading alliance, please apply today!

## **How to apply:**

[careers@barhale.co.uk](mailto:careers@barhale.co.uk)