

# Join our team

## Job title

Design Engineer (Clean/Wastewater)

## Department

mua Water

## Location

Home, office or hybrid working, with nationwide travel to our sites as required

## Job type

Full-time, permanent

## Job purpose

At mua Group, we're both an independent distribution network operator (IDNO) for electricity and an independent gas transporter (IGT) for gas. We're also a regulated water and wastewater company, adopting water and wastewater networks across Britain.

We operate under Ofwat's New Appointments and Variations (NAV) process, providing water and wastewater services to homes and businesses in new developments nationwide.

With our mua Water client base continuously expanding, we're looking for a Design Engineer (Clean/Wastewater) to join our esteemed network engineering team.

As our Design Engineer, you'll be instrumental in the planning, design, and execution of water treatment and wastewater management systems. Collaborating with multidisciplinary teams, you'll craft innovative solutions that align with regulatory standards, environmental goals and client needs.

This role offers the opportunity to enhance water infrastructure and ensure the reliable delivery of clean water and responsible treatment of wastewater across the UK.

## About mua

mua Group is a joint venture between the one of the largest gas distribution companies in the UK, SGN, and leading global infrastructure and construction group, J. Murphy & Sons. We invest in long-life utility assets to connect homes and businesses to essential utility infrastructure and deliver energy and multi-utility services through our networks in the simplest, smartest and greenest way possible.

Our vision is to be the first-choice, multi-utility network operator. We'll achieve this by delivering outstanding value and service to our customers.

## Role responsibilities

In this role, you'll be instrumental in the planning, design, and execution of water treatment and wastewater management systems.

As our Design Engineer (Clean/Wastewater), you will:

- Agree and enforce design philosophy and design fundamentals.
- Ensure that all designs comply with relevant regulatory requirements, codes and standards, including those related to water quality, environmental protection and public health.
- Collaborate with clients to understand their needs and provide technical expertise.
- Work closely with our engineers, technicians and other professionals across the business to integrate various components of water infrastructure projects and ensure their seamless operation.
- Conduct design reviews, inspections and testing to verify the integrity, functionality, and compliance of clean and wastewater infrastructure systems.
- Prepare technical reports, drawings and documentation to communicate design concepts, project progress and outcomes to clients, regulatory agencies and other stakeholders.

## Knowledge, skills & experience

We're looking for a candidate with:

- Proven experience in the design and implementation of clean water and wastewater systems, including treatment plants, distribution networks, and pumping stations.
- Proficiency in relevant software tools for hydraulic modelling, drafting, and project management (e.g. AutoCAD, EPANET, WaterCAD, GIS).
- Strong analytical skills and attention to detail, with the ability to solve complex problems and make data-driven decisions.
- Excellent communication and interpersonal skills, with the ability to collaborate effectively with diverse teams and engage with clients and stakeholders.
- Knowledge of regulatory requirements and industry standards related to water quality, environmental protection, and infrastructure design.
- Commitment to safety, sustainability, and ethical conduct in engineering practice.

## Benefits

We're committed to fostering an engaging and collaborative work environment in which each person's career is nurtured and developed. We focus on employee development, providing a culture of innovation and positive work-life balance.

You'll also get:

- 27 days holiday, plus bank holidays, with the option to buy an additional 2 days holiday each year and your holiday allowance increases with length of service
- Discretionary annual bonus and annual salary review
- Above market rate contributory pension scheme
- Life assurance, health screening and enhanced sick pay
- Enhanced maternity and paternity pay and a maternity returners bonus
- Extra week's holiday for all employees getting married and a wedding bonus
- Subsidised canteen facilities in core locations
- Other benefits including retail discounts and cashback, cycle to work scheme, etc.