

Role: Design Engineer
Area: Customer Operations
Sub-Area: Connections & Developer Services
Location: Southern Region
Duration: Specific Purpose
Salary: Competitive
Ref: 089CO21



Irish Water is Ireland's national regulated water utility and is responsible for providing water and wastewater services throughout Ireland. Our mission is to ensure all of our customers receive a clean, safe and reliable supply of drinking water and have their wastewater collected and safely returned to the environment. We will protect the health and well-being of the people of Ireland, protect the environment in all our activities and support Ireland's social and economic growth through appropriate investment in water services.

Irish Water is part of Ervia group. Ervia is a commercial semi-state company responsible for Irish Water, Gas Networks Ireland and Aurora Telecom. Ervia directly employs over 1,600 people who deliver water, gas and dark fibre broadband services to 1.7 million customers daily.

The Role:

The Design Engineer will be responsible for the vetting of design of new connections technical solutions, ensuring compliance with Connection and Developer Services technical requirements and the development of Connection Offers. The Design Engineer's responsibilities will include preliminary design of connections, estimating and creating non-standard Connections quotes and ensuring that connection proposals are aligned with the Irish Water Connection and Developer Services design policies and technical standards. The Design Engineer will also provide support to the delivery of connections-related network reinforcement schemes driven by connections demand and in the delivery of network diversions.

The role will report into the Regional Connections & Developer Services Lead and is part of the Regional Connection and Developers Services team for a given Region. The Regional Connections and Developer Services team will be responsible for overseeing developer services requests in respect of the water and wastewater network, working closely with Asset Planning, Asset Delivery, Local Authorities and 3rd parties to deliver connection services for Irish Water customers.

Main Duties and Responsibilities:

- Receive and carry out detailed assessment of all pre-connection enquiries, connection applications, diversion applications and attached supporting documentation
- Perform initial capacity check and liaise with the Water & Wastewater Asset Planning team and Local Authorities
- Liaise with Water Supply and Resources Strategy Specialist and Wastewater Network and Treatment Specialists in relation to major connection and diversion applications
- Liaise with customer, if required, to gain any further information to enable the provision of accurate estimation and quotation for the required connection/diversion work
- Investigate technical compliance of the request; act in accordance with Irish Water policy and guidelines where the request is deemed to be non-compliant
- Investigate the legal status of the request; act in accordance with Irish Water policy and guidelines where request is deemed to be non-compliant
- Create Technical Drawings as may be required

- Support the Senior Design Engineer with design and delivery of network development work when the need for new connections warrants expansion and/or reinforcement, working closely with Asset Planning, Asset Delivery, the Local Authorities, and/or 3rd party delivery partners
- Investigate any potential future plans for the site that may influence the technical assessment
- Determine requirement for any additional technical planning in relation to the customer enquiry/application
- Generate quotes and calculate fees for non-standard new connection
- Develop outline designs for connections and network extensions for further development by the CDS regional contractors
- Provide support and input to achieving overall compliance with IW governance procedures
- Liaise with Senior Design Engineer to present solutions for full technical review
- Contribute to achieving the objectives and targets of the Customer Operations business plans
- Review self lay developer designs and agree quality assurance handover to the self lay field engineering team
- Utilise Irish Water IT systems and Work and Asset Management systems to manage works
- Provide support to the Regional Connections & Developer Services Lead
- Perform other such duties in relation to work and asset management as Irish Water may reasonably require

Knowledge, Skills and Experience:

- Degree (level 8) in Engineering, or a related field, with at least 3 years' experience working in design, connections or project management
- Relevant experience of asset management in a utility is required; experience in water/wastewater is desirable but not essential
- Strong knowledge of water and wastewater design, planning applications and connections regulation is desirable but not essential
- Ability to:
 - Develop relationships to accomplish team goals coupled with dealing effectively with differences of opinion and conflict management
 - Prioritise tasks, work with schedules and manage resources while remaining focused on team goals
 - Secure and compare information from multiple sources to identify business issues; committing to an action after weighing alternative solutions against decision criteria
 - Set high standards, by encouraging others to assume responsibility and accountability for tasks

Applications, including current Curriculum Vitae, should be emailed to the following address stating the job title and reference number in the subject line of your email:

careers@water.ie

The closing date for receipt of applications for this vacancy is **20th September 2021**

Please note that applications submitted after this closing date will not be accepted.

We are committed to providing a diverse and inclusive place of work and have a robust strategy and framework called *ibelong* to enable this. We are an equal opportunity employer and through our recruitment process we welcome and encourage applications from interested and suitably qualified individuals regardless of gender, age, racial or ethnic origin, membership of the traveller community, religion or beliefs, family or civil status, sexual orientation/gender identity or disability.

Irish Water is an equal opportunities employer.