



Innovative Utilities^(UK)



**Providing Water & Wastewater
Infrastructure Solutions**

Design & Build

part of  **IU(UK)
GROUP**



innovativeutilities.co.uk
iuukgroup.co.uk



info@innovativeutilities.co.uk



About Us

Innovative Utilities provides end-to-end water and wastewater infrastructure solutions for developers across the UK. Our team supports every stage of your project – from early technical assessments and compliant design, through to construction, testing, and adoption.

We help developers reduce risk, avoid delays, and deliver high-quality assets that integrate seamlessly into your wider build programme.

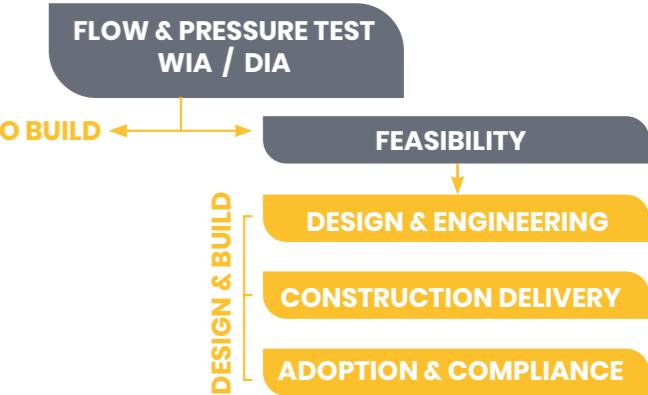
- ✓ we provide a dedicated account lead offering continuity and clarity
- ✓ we have proven project delivery professionals
- ✓ we provide value for money solutions
- ✓ we manage the project from the first idea to handover



We understand each developer's commitment to quality, safety, and exceptional customer experience. Our approach mirrors that standard, delivering infrastructure that supports high-quality homes and smooth handovers.

Where we Differentiate

This first step is essential because it is where major cost-saving opportunities can be unlocked. Through thorough assessment and planning, we frequently demonstrate that network upgrades aren't required—saving time, reducing risk, and avoiding unnecessary investment.



ROADMAP

PRE-DEVELOPMENT ASSESSMENT & PLANNING

Required outcome:
A clear, confident understanding of what infrastructure is required – preventing surprises, delays, or unplanned costs.



DESIGN & ENGINEERING

Required outcome:
A fully compliant, cost-effective design that can be delivered quickly on site and is ready for regulatory approval.



ADOPTION & COMPLIANCE

Required outcome:
Fully adopted, compliant infrastructure – removing long term risk for the developer and ensuring smooth site closure.



CONSTRUCTION & DELIVERY

Required outcome:
Infrastructure delivery safely, to specification, and without delaying housebuilding or sales targets.

SERVICES INCLUDE

- » Water impact Assessments (WIA) and Drainage Impact Assessments (DIA)
- » Flow & pressure testing
- » Feasibility reviews and early-engagement planning
- » Identification of network constraints and cost-saving alternatives



Pre-development Assessment & Planning

By far the most important stage, we will provide the insight you need before committing to design or construction.

Required Outcome:

A clear, confident understanding of what infrastructure is required – preventing surprises, delays, or unplanned costs



SERVICES INCLUDE

- » Water impact Assessments (WIA) and Drainage Impact Assessments (DIA)
- » Flow & pressure testing
- » Feasibility reviews and early-engagement planning
- » Identification of network constraints and cost-saving alternatives



Water Impact Assessments (WIA)

We evaluate local water network capacity to confirm whether your development can be supported without upgrades, ensuring early clarity and preventing costly surprises.

Drainage Impact Assessments (DIA)

We assess wastewater network performance to identify capacity, constraints, and required upgrades, giving developers clear direction before design or planning submission.

Flow and Pressure Testing

We carry out on-site tests to confirm real network performance, ensuring reliable data for accurate design, compliance, and predictable customer water service.

Feasibility and Early-Engagement Planning

We review site conditions, constraints, and infrastructure options early, enabling informed decisions, reduced risk, and a smoother route to planning approval.

Network Capacity Reviews

We analyse existing water and wastewater networks to identify limitations, enabling developers to plan effectively and avoid delays during technical approval stages.

Cost-Saving Design Alternatives

We propose value-engineered solutions that reduce unnecessary upgrades, minimise construction costs, and maintain full compliance with Scottish Water standards.

Design & Engineering



We produce fully adoptable, technically robust designs that accelerate approvals and reduce risk.

Required Outcome:

Compliant, efficient designs that support smooth construction and future adoption.



SERVICES INCLUDE

- » Water & wastewater network design
- » Standardised pumping station design
- » Rising mains, sewers & drainage connections
- » Value-engineered solutions
- » Design submissions for Scottish Water technical acceptance

- ✓ Single source supplier
- ✓ Stakeholder & Environmental Management



Water Impact Assessments (WIA)

- We evaluate local water network capacity to Water & Wastewater Network Design
- Design of clean water and wastewater networks, including capacity assessment and hydraulic modelling.
- Development of potable water, foul, and surface water network layouts tailored to site demands.

Standardised Pumping Station Design

- Creation of compliant, repeatable pumping station designs aligned with Scottish Water requirements.
- Efficient, template-based pump station solutions ensuring consistency, cost control, and ease of approval.

Rising Mains, Sewers & Drainage Connections

- Engineering of rising mains, foul sewers, and surface water drainage connections from concept to approval.
- Full design of pumped and gravity systems, including drainage interfaces and developer connections.

Value-Engineered Solutions

- Cost-optimised design options that reduce construction spend while maintaining performance and compliance.
- Practical engineering alternatives that minimise risk, simplify buildability, and improve whole-life value.

Design Submissions for Scottish Water Technical Acceptance

- Preparation and submission of technical design packages for Scottish Water review and acceptance.
- Management of all design-stage engagement with Scottish Water, ensuring timely technical approval.



Construction & Delivery

We manage the complete installation of water and wastewater infrastructure.

Required Outcome:

Safe, reliable and on-programme delivery that keeps your development moving.



SERVICES INCLUDE

- » Civil, mechanical and electrical installation
- » On-site and off-site utility upgrades
- » Pumping station build and fit-out
- » Managed connection works
- » Programme-coordinated construction

✓ No change of project manager, one project management as a single point of contact from cradle to grave.



Adoption & Compliance

We ensure all infrastructure is ready for transfer into Scottish Water ownership.



Required Outcome:

Fully compliant, adoptable assets that remove long-term liability from the developer.



As-built records and technical documentation

- » As-built records and technical documentation
- » Commissioning & testing
- » Issue resolution prior to vesting
- » Submission management and liaison
- » Full support from installation to final sign-off

Commissioning & testing

- Completion of all functional testing and commissioning activities to demonstrate asset performance and compliance with standards.

Issue resolution before vesting

- Identification and closure of defects or outstanding items to ensure assets meet adoptable condition before submission.

Submission management and liaison

- Handling all paperwork, submissions, and communication with Scottish Water to progress the vesting process efficiently.

Full support from installation to final sign-off

- End-to-end guidance through the entire adoption journey, ensuring a smooth transition with no outstanding developer liabilities.

✓ Asset Vesting



Why Choose Us?



Strong Foundations & Early Clarity

- ✓ A structured pre-development review and planning phase, producing a clearly defined scope shaped collaboratively by design and construction specialists.
- ✓ Early involvement from our delivery experts, enabling a "right first time" approach and eliminating avoidable spend.
- ✓ Fewer technical and planning obstacles through proactive design integration and early risk identification.

Sector Expertise Across the Water Cycle

- ✓ A proven history of delivering development works spanning every stage of the water cycle.
- ✓ Skilled delivery personnel with extensive, hands-on knowledge of Scottish Water systems, suppliers, and procedures.

A Tailored, Client-Focused Service

- ✓ A dedicated delivery team supported by a single, accountable client interface managing all stakeholder coordination.
- ✓ A service built around your requirements, ensuring solutions that fit your project—not ours.
- ✓ Clear, straightforward communication with one trusted partner responsible for coordination.

Reliable, Value-Driven Project Delivery

- ✓ Confidence that your entire project is managed by an experienced and dependable team from start to finish.
- ✓ Practical and innovative approaches used to optimise designs, reduce unnecessary cost, and maximise value.
- ✓ Predictable, consistent project outcomes delivered through experienced governance and control.
- ✓ Lower programme risk, supported by robust planning and coordinated delivery.
- ✓ Reduced long-term costs through more efficient, future-proofed design.

Smoother Progression & Reduced Delays

- ✓ Quicker approval processes and smoother progression through build stages.
- ✓ Lower management overheads, ensuring a cost-effective and value-driven service.

**Streamlined.
Integrated.
Cost efficient.**

A Design & Build model that outperforms management contracting at every stage

Contact Us

 innovativeutilities.co.uk
iuukgroup.co.uk

 info@innovativeutilities.co.uk

