



Position description

Title:	Hydraulic Asset Inspector
Position number:	6044
Classification:	Level 3 Zone B
Group:	Customer Engagement
Branch	Urban Development Services

Icon Water overview

Icon Water Limited (Icon Water) is the ACT's supplier of essential water and wastewater services and have proudly served our community for over 100 years – sourcing, treating and supplying water, and managing Canberra's wastewater network.

Icon Water is an unlisted public company that is wholly owned by the ACT Government. Icon Water's voting shareholders are the Chief Minister and Minister for the Environment and Heritage of the ACT. Icon Water has corporate reporting and compliance obligations under the Territory-owned Corporations Act 1990 and Corporations Law.

Position overview

As part of the Hydraulic Asset Acceptance team, Hydraulic Asset Inspector is responsible for ensuring new water and sewer assets intended for handover to Icon Water are designed and constructed in accordance with Icon Water standards, ACT regulations, industry codes, Australian Standards and other statutory requirements.

This role is fundamental in ensuring the designs of all new assets meet the relevant engineering standards and the long term interests of Icon Water.

Urban Development Services are responsible for assuring the capability of assets, process and information impacted by external entities such as developers and industry.

- Protecting assets from a range of construction activities from simple single dwellings to complex developments such as high rise residential.
- Ensuring new assets from new suburbs and modifications to existing assets as result of infill development are given to us fit for purpose, reliable and maintainable.
- Ensure industry don't contaminate our sewer system with unacceptable trade waste discharges.
- Ensure information of externally (developers) and internally (own construction) constructed assets is accurately captured and made readily available to external and internal customers.

Version	Release date	Author	Details	Approved by:
V1	03/12/2025	People and Culture	People and Culture	People and Culture

Key responsibilities

- In accordance with the Icon Water Standards, and under general direction, carry out random and programmed surveillance inspections of civil engineering construction activities during construction of new water supply and sewer assets (Gifted Assets) intended for connection to the Icon Water networks.
- Review and assess quality control documentation submitted for hydraulic development projects (Inspection and test plans, construction method statements, etc); review and assess all documentation submitted in support of application for handover of new hydraulic assets.
- During the operational acceptance phase, carry out handover inspection and acceptance testing of all new water supply and sewerage assets intended for future operation by Icon Water; review and assess CCTV inspection videos and inspection reports submitted by contractors; recommend for handover and connection to the networks, and issue of relevant operational certificates.
- Liaise with Maintenance Services Branch personnel, contractors and consultants, and facilitate connection of the new assets by Maintenance Services Branch.
- Carry out final inspection of assets on completion of the Developer's Defects Liability Period
- Respond to technical enquiries from civil contractors, consultants and suppliers; provide assistance and advice on interpretation of and compliance with applicable standards and the rectification of non-compliance; assist with locating service ties.
- Maintain daily project records on official files and on the hydraulic asset acceptance database currently HACS.
- Manage the location of Icon Assets, for DBYD requests, on all critical networks, including 300mm and above.
- Advise external contractors in Icon water's processes, procedures and suitable techniques for working in and or around Icon networks and infrastructure.
- Manage DBYD locations, Network supervision jobs to minimize interruption to contractors work schedules and reduce overall time spent.
- Engage with customers and other parties to facilitate compliance with utility legislation and where necessary implement Icon Water's network protection notification process.
- Report on incidents and interference with Icon Water Networks.

Qualifications, knowledge and experience

- Extensive experience in the civil engineering construction practices, in the construction, maintenance and repair of urban water supply and sewerage systems.
- Sound knowledge of Icon Water's Water Supply and Sewerage Standards, ACT Public Works "Basic Specifications" and Transport Canberra and City Services (TCCS) Design Standards for Urban Infrastructure.
- Be familiar with Water Services Association Australia (WSAA) Standards, Australian Conduit Condition Evaluation Manual and other applicable Australian Standards.
- Sound ability to read and understand engineering drawings and understanding of hydraulics.
- Experience in the use of closed-circuit television equipment and interpretation of inspection reports from internal inspections of sewer and stormwater pipelines.
- Formal trade qualifications of Sanitary Drainers Licence or equivalent.

Attributes and skills

- Sound ability to read and understand hydraulic services design drawings and undertake basic calculations with a working knowledge of basic hydraulics.
- Ability to deal courteously and effectively with contractors, consultants and Icon Water's customers at all times, especially in sometimes confrontational situations.
- Good verbal and written communication skills.
- Self-motivated and the ability to schedule and organise workloads.
- Ability to maintain accurate records.
- Promote collective achievement, contributes to the development and achieving of team objectives, is respectful, actively listens to and seeks out opinions and ideas from others.
- Ability to identify work pressure points and seek assistance to resolve the matter.

Icon Water Employee Value Proposition

- ✓ *Delivering an essential service every day for our growing community.*
- ✓ *A work environment that enables our people to be at their best.*
- ✓ *Shape your career while shaping our water future.*

OUR VALUES



Community



Care



Courage



Connection