



Water solutions that reinvent the way our world is built.

We partner with engineers, architects, contractors, municipalities and utilities to design, deliver, maintain and improve America's critical water infrastructure.

We help you to supply clean water, detect leaks, capture pollution, conserve and recycle rainwater, mitigate flooding, treat wastewater, recharge groundwater, plan and manage assets...in short, from rainfall to outfall, we have the breadth and depth of products and services that can help you deliver projects on time and on budget.

We understand the pressures and challenges that you face, which is why we prioritize solutions that save you time and money, meet regulations, and exceed requirements. And it's why we make sure our technical experts and customer support teams are on hand to help you every step of the way.

We combine national coverage with local knowledge to make sure that we're set up to meet your needs quickly and effectively, and as part of CRH we're backed by all the resources of one of the world's leading building materials solutions providers.

We're not a supplier, we're your strategic partner – and we're here to help you succeed.



Get market-leading technologies, expertise and support to deliver sustainable water infrastructure projects that build, connect and improve our world.

Stormwater



Irrigation

Wastewater

Water Loss Control

Potable Water

Smart Water Solutions



Partner with
America's leading
water infrastructure
solutions provider.

Market-leading products, services, and technologies

We design with engineering excellence, we manufacture with an unwavering commitment to quality, and we deliver with urgency. Our solutions provide the performance that you need to meet regulations, hit sustainability targets and design, install and maintain cost-effective, sustainable water infrastructure.

Dedicated customer support

Infrastructure projects are complex, and things don't always run smoothly. From planning to design, from installation to maintenance, our team of experts is available to answer your questions, provide project assistance and help you solve challenges every step of the way.

Unrivaled technical expertise

With a science and engineering pedigree that stretches back over 50 years, our technical teams help our customers and our communities to solve complex, critical and urgent water management challenges. Partnering with us means that you've got our expertise at your fingertips and our experience in your corner.

A culture of innovation

We're innovating every day to help you do more, better, and faster. Whether it's developing new products, streamlining our customer support services or launching digital tools to help designers and specifiers, we're constantly improving—which means that you're constantly improving too.

Smart solutions

We're developing and innovating smart tools, systems and solutions that accelerate design work, improve performance and enable data-led decision making. Our smart solutions equip you with actionable, real-world data to mitigate risk, optimize processes and drive efficiencies at every stage of the project—putting you ahead of the competition and helping you solve tomorrow's water management challenges today.

Sustainability

As part of CRH, we're reimagining how materials are used to enhance the circular economy, we're innovating for a low-carbon future and we're advancing solutions to solve global water challenges. We're prioritizing seven of the UN's Sustainable Development Goals, and through our strategy of direct action, partnering, influence and support we're integrating sustainability into everything we do. **Visit [crh.com/sustainability](https://www.crh.com/sustainability) to find out more.**

Total water solutions for every project site.

From rainfall to outfall, our solutions enable you to convey, control, treat, recycle and reuse water no matter the site and no matter the objective.

Whether you need to harvest rainwater to irrigate a community garden, collect and store surface water to mitigate flooding, build head to enable wastewater treatment or capture pollution to protect our environment, we have a solution that can help.



Convey
Clean Water

Access and Control
Irrigation

Clean Water

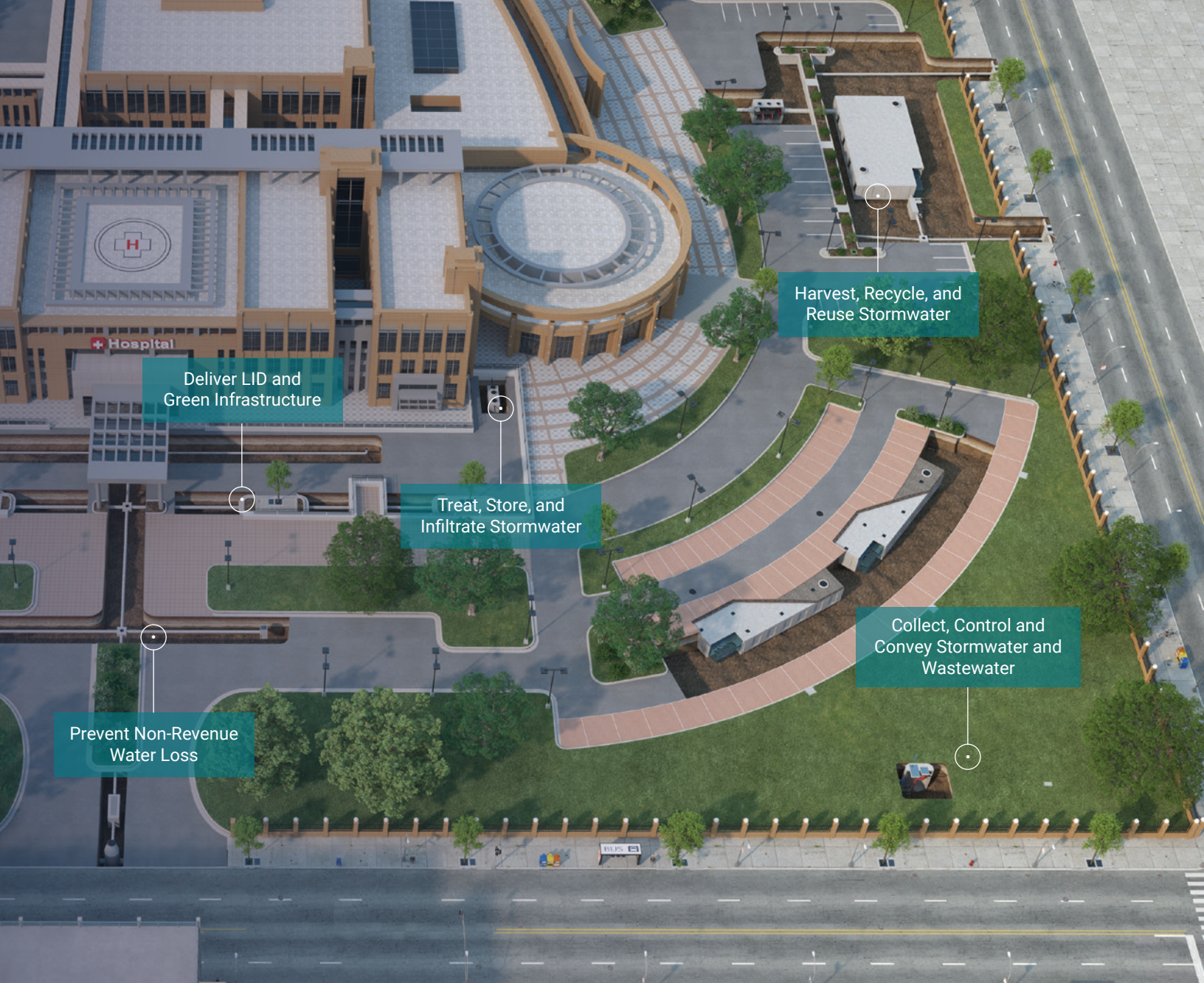
Ensure a reliable, resilient, cost-effective supply of clean water for homes, businesses and critical infrastructure—now and in the future.

Our solutions can help you monitor groundwater and reservoir levels, forecast supply and demand, convey and control drinking water and detect leaks with unrivaled accuracy.

Stormwater

Capture pollution, mitigate flooding and conserve water to strengthen our communities and protect our environment.

Our solutions can help you meet clean water regulations, harvest and reuse rainwater, mitigate flooding and recharge our pressured groundwater supplies.



Wastewater

Improve the effectiveness and efficiency of industrial and municipal wastewater treatment.

Our solutions can help you remove fine grit to improve operational performance and extend asset lifetimes, and dewater biosolids to improve solids handling and bioenergy output.

Smart Water

Use real-world data, insight and analysis to make better water management decisions.

Our solutions can help you model and forecast water supply and demand, monitor and respond to flood risks, detect and fix leaks and improve maintenance efficiency.

Maximizing performance

starts with products made to last.

Oldcastle Infrastructure exemplifies this commitment through our extensive range of water management solutions. From precast concrete vaults and stormwater detention systems to wastewater treatment and drainage products, we offer durable, high-performance infrastructure designed to meet the evolving needs of modern water systems. Our comprehensive portfolio ensures that every project benefits from long-lasting, resilient solutions that deliver sustainable performance across diverse environments.

Protection & Access

- Service Boxes
- Meter/Valve Boxes
- Handholes
- Vaults
- Manholes

Containment

- Shallow Detention Systems
- Detention/Retention/Infiltration Modules
- Oversized Detention/Retention
- Deep Infiltration

Conveyance & Control

- Concrete Pipe
- PVC Pipe
- Box Culverts
- Junction Boxes
- Flow Control Modules
- Lift Stations

Drainage

- Area Drains
- Trench Drains
- Catch Basins
- Inlets



Treatment

- Biofiltration / Retention
- Hydrodynamic Separation
- Oil/Water Separation
- Sand Filtration/Interception
- Grease Interception
- Grit Removal, Grit Washing and Dewatering
- Grit Concentration/Classification
- Sludge Screening
- Stormwater Screening

Smart Technology

- AI-Driven Leak Detection
- Level, Flow & Climate Monitoring
- Smart Maintenance

Services

- Stormwater Maintenance
- Asset Management Optimization
- Design, Installation and Operational Support



Clean Water

Our clean water solutions ensure the protection and integrity of potable water, allowing for safe, reliable service while meeting regulatory standards. Our durable precast concrete vaults, water meter enclosures, valve boxes, and PVC pipe are all engineered to support efficient water distribution and treatment processes. Our solutions are built for longevity and optimal performance, supporting the continuous delivery of clean, safe water to communities.

Underground Enclosures for Access and Protection

The water and sewer department needed to repair and replace existing infrastructure located in a loading zone of a logistically challenging area. They required a solution that could handle the heavy loads and accommodate multiple meters.

- STAKKAbox™ ULTIMA Connect's easy-to-handle, lightweight components made it possible to construct the chamber with a minimal crew and no heavy machinery.
- The flexibility of the product allowed the crew to quickly overcome challenges when unmarked, existing infrastructure was uncovered.



Scan to read
the case study



PVC Pipe and Fittings

Our comprehensive line of PVC pipe for water and sewer conveyance is manufactured to meet the most stringent industry requirements and designed to meet the latest industry standards for tolerance, dimensions, and materials.

PVC fittings are ideal for sanitary sewer connections, stormwater, and turf/landscape drainage and are tested and certified by NSF to meet or exceed all applicable requirements of ASTM D3034, CSA B182.2, and UPC. Our corrugated product line conforms to ASTM F405.

Our universal connectors, flexible pipe connectors, couplings, caps and adapters allow you to connect to any size pipe quickly and easily.

Stormwater

Oldcastle Infrastructure's stormwater management products help control and treat runoff in a variety of environments. Our portfolio includes precast concrete detention and retention systems, catch basins, and stormwater treatment units, all engineered for maximum efficiency and durability. These systems help reduce the risk of flooding, control erosion, and improve water quality by filtering pollutants from runoff. Our innovative solutions provide reliable, scalable options for managing stormwater in compliance with environmental regulations.





StormCapture®

A groundbreaking concrete detention system that not only met project requirements but also enhanced detention capacity and expanded the size of the parking lot.

- Additional detention capacity without compromising the parking lot size, optimizing the use of available space.
- The project maintained an average of 10 trucks per day, ensuring timely delivery that adhered to the contractor's timeline.
- Installation with a single folded crane conquered the challenges of limited space and tight timeline.



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the case study

Multi-Solution Systems

This outfall project showcased Oldcastle Infrastructure's ability to provide comprehensive, turnkey support and solutions that modernize communities and transform the lives of their residents.

- These systems offered an increased level of drainage, traffic safety, residential and business safety in a residential area that is historically prone to flooding.
- Significantly reduced polluted stormwater runoff to otherwise clean water sources, improving overall water quality implementing green infrastructure.



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the case study





Wastewater

The wastewater treatment plant is one of the most challenging water management environments there is. Our solutions help you meet that challenge.

Grit King® Compact

A small treatment plant with no grit removal wanted an easy-to-install headworks grit removal system that would fit into their budget, provide excellent performance, and require very little maintenance.

- A Grit King® Compact system with control panel and a grit classifier provided the protection they needed with minimal maintenance requirements.
- The Grit King® Compact internals can be placed in your pre-cast or poured concrete tank, significantly reducing construction time and costs.



OneLift™ Pump Station

A quality solution for the city wastewater collection system that installed quickly and efficiently, and provided more capacity and a smaller footprint than the existing station.

- A smaller footprint requiring less excavation on a challenging site.
- Pre-assembly for the product allowed for rapid installation.
- Seamless integration into pre-existing infrastructure.
- Quick installation to save on excessive costs and time.

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the case study



Smart Water

By addressing water loss head-on, we not only safeguard the well-being of current generations but also secure a brighter and more sustainable future for generations to come.



Hydro-Logic® CivilSense™

Combining actionable artificial intelligence (AI) and expert field professionals to address water loss and improve your bottom line.

- **Asset Management Prioritization**
Technology accurately ranks leak sizes across water delivery networks
- **Advanced AI**
AI is trained using verified data, effectively reducing false positives by filtering out extraneous background noise
- **Dynamic Asset Tracking**
Each leak is treated as a living asset and tracked throughout its entire lifecycle—providing global feedback, minimizing false positives and increasing accuracy
- **Platform & Sensor Agnostic**
The tech works with any acoustic file from any sensor, providing immediate data on leak presence, size and location



1 Map

Networks are mapped using GIS data to ensure optimal sensor deployment and coverage. Then, the requested areas are prioritized

2 Deploy

Our expert team installs sensors across the network

3 Analyze

Data is securely collected and transmitted to FIDO Tech AI for analysis.

4 Pinpoint

Field engineers pinpoint and mark the exact locations of each prioritized leak

5 Validate

Sensors continue to collect data to validate that repairs are performed successfully

6 Report

Upon sharing post-repair dig and flow data, final evaluation and reporting are provided to quantify savings



Scan to learn
more about our smart
water solutions

Infrastructure Design Tools

Revolutionize your design process with our state-of-the-art tool suite, offering unparalleled efficiency and speed.



Scan to learn more about our infrastructure design tools



Storage

StormCapture® is a customizable, modular total stormwater management system used for infiltration, detention, retention and harvesting.

Bioretention

TerraMod™ is a modular bioretention system that offers an easy-to-design, easy-to-install solution to help meet stormwater green infrastructure and low-impact development requirements.

Biofiltration

BioPod™ is an advanced biofiltration design to remove total suspended solids (TSS), dissolved metals, nutrients, gross solids, trash and debris as well as hydrocarbons from stormwater runoff.

Hydrodynamic Separation

NSBB®, First Defense®, and Downstream Defender® are flow-through devices that capture sediment, trash, and debris. They are compact and easy to install.

Deep Infiltration

MaxWell® drywell systems are designed and installed for improved stormwater infiltration, drainage and groundwater recharge, removing sediment and debris from site runoff within a compact footprint.

Cartridge Filtration

PerkFilter® and Up-Flo® Filter are media-filled, cartridge filtration systems that use physical and chemical treatment processes such as sedimentation, filtration, and sorption to remove TSS, metals, nutrients, trash, and debris.



The background features a light gray field with subtle, wavy white lines. Two large, dark blue circular shapes are positioned on the left and right sides, partially overlapping the wavy pattern.

A foundation of
experience
and expertise.

Our Legacy

As we've grown we've added capabilities, technologies and expertise to become the leading water management company that we are today. By combining, integrating and enhancing our products and technologies we're able to bring you a greater range of solutions that better meet your needs. In short, you get far more than the sum of our parts.

Torrent Resources



For over 50 years, Torrent Resources' proven track record and extensive technical knowledge have positioned the company as the undisputed leader in critical deep infiltration systems. Torrent Resources is the preferred solution for sustainable stormwater management in residential, commercial, and public utility markets.

Torrent Resources became part of Oldcastle Infrastructure in November 2019.

National Pipe & Plastics



National Pipe & Plastics has been producing PVC pipe for residential, agricultural, commercial, municipal and export markets since 1970. At acquisition the company was one of the largest PVC pipe producers in North America.

National Pipe & Plastics became part of Oldcastle Infrastructure in October 2021.

Normandy Products



Normandy Products has been providing PVC sewer and drain pipe fittings and HDPE snap fittings for over 60 years, using an active inventory strategy to protect customers from raw material cost fluctuations. At acquisition the company maintained the largest parts and raw materials inventory in the industry.

Normandy Products became part of Oldcastle Infrastructure in October 2022.

Hydro International



With over 40 years of experience and a reputation for engineering excellence, businesses and public bodies all over the world rely on Hydro International products, services and integrated solutions to reduce flood risk, improve water treatment and protect the environment from water pollution.

Hydro International became part of Oldcastle Infrastructure in July 2023.

A city skyline at dusk is reflected in a body of water. In the foreground, several ducks are swimming. The text is overlaid on the image in a white, bold, sans-serif font. The first line is positioned above a white rectangular frame, while the remaining three lines are inside the frame.

WE STAND TOGETHER TO

R E I N V E N T

T H E W A Y

O U R W O R L D

I S B U I L T




Oldcastle
Infrastructure
A CB&I COMPANY



Water **SOLUTIONS**



Oldcastle Infrastructure™
A CRH COMPANY

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