



From curb stop to last drop – and every mile in between

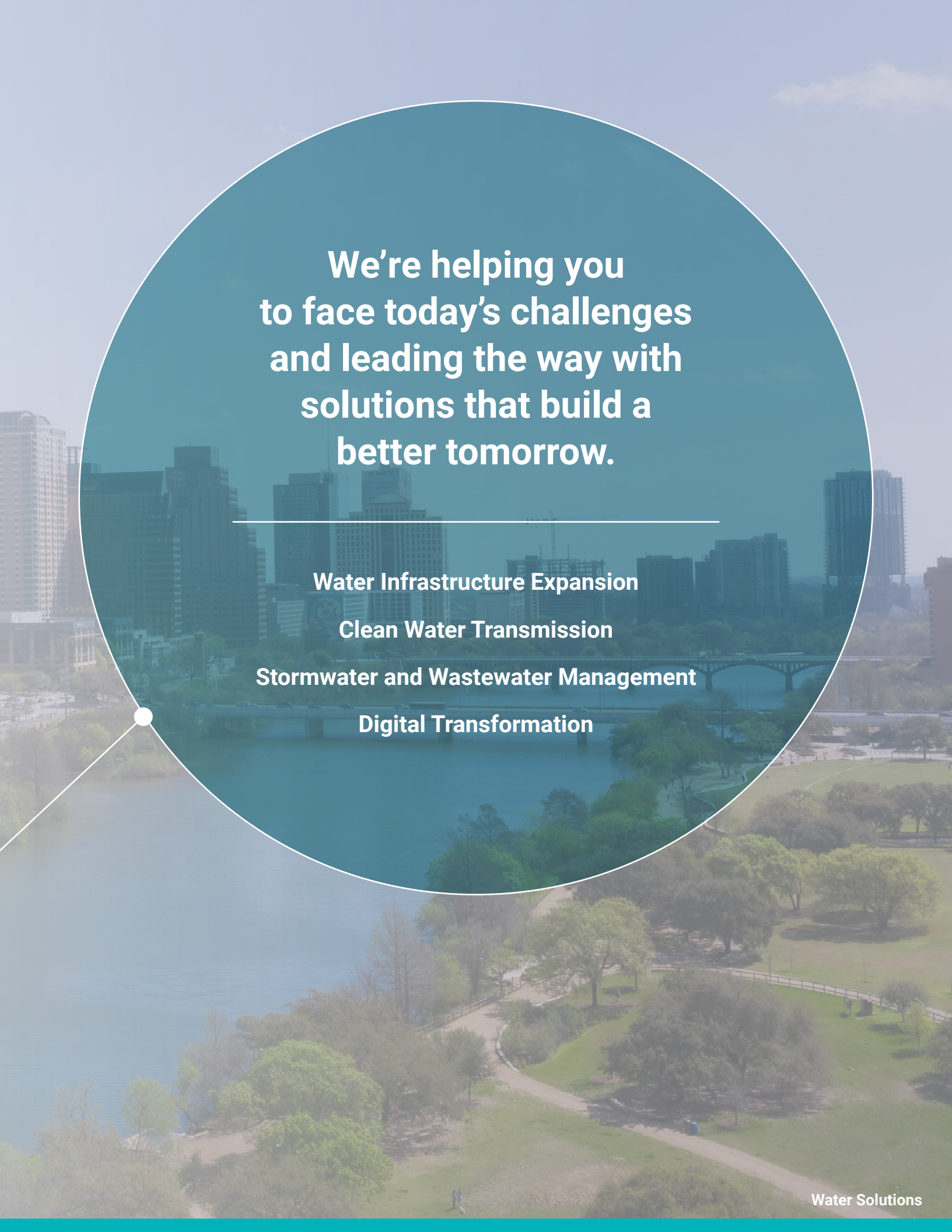
We're your trusted partner to design, deliver, maintain and improve America's critical water infrastructure.

We combine national scale with local expertise to meet your needs quickly and effectively, we provide the broadest product portfolio in North America, and as part of CRH you get one trusted brand from project beginning to end.

We help you supply clean water, capture pollution, conserve rainwater, mitigate flooding, treat wastewater, recharge groundwater, plan and manage assets. From rainfall to outfall, we have the breadth and depth that can help you solve the challenges we face today and in our future.

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





**We're helping you
to face today's challenges
and leading the way with
solutions that build a
better tomorrow.**

Water Infrastructure Expansion

Clean Water Transmission

Stormwater and Wastewater Management

Digital Transformation

We are America's leading water infrastructure solutions provider

Unmatched Scale

Our nationwide manufacturing footprint supports project needs that are geographically dispersed and hyper local.

Exceptional Product Breadth

End-to-end water network coverage, multi-material product solutions, and innovative technologies mean that our customers trust that we will deliver the right product, on time, and with the best industry quality.

Unrivaled Expertise

You need design, engineering, and manufacturing support you can trust. Our experts provide specification and job design backed by years of real-world, practical experience.

Market-leading products, services, and technologies

Our exceptional breadth of multi-material solutions provides the performance that you need to meet regulations, hit sustainability targets and design, install and maintain critical water infrastructure.

Dedicated customer support

Infrastructure projects don't always run smoothly. From planning to design, from installation to maintenance, our experts are available to answer your questions, provide assistance and help you solve challenges throughout your project.

Trusted technical expertise

Our engineering, science and technology teams combine long practical experience with young, transformational talent to deliver the products and services you need to solve complex 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

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

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


Our sustainability goals push us to rethink how materials and technologies are used to solve global water challenges. We're prioritizing seven of the UN SDGs, and we're embedding sustainability in every solution, project, and site.

Visit oldcastleinfrastructure.com/sustainability to find out more.

Innovative solutions for every project site.

We cover every mile of water infrastructure—enabling you to convey, control, treat, recycle and reuse water no matter the site and no matter the objective.

As regulations become more complex and asset-owner and municipal problems more challenging, we continue to add services and digital capabilities that better solve those problems and ensure your physical assets are optimized and doing the job they're designed to do.



Access Irrigation Systems

Access Water Conveyance

Clean Water and Irrigation

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

Our solutions can help you transmit clean water, access below-ground assets and predict and detect leaks with unrivaled accuracy.

- Curb service boxes, meter and valve boxes
- Manholes
- Vaults
- Pipe and fittings

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 critical groundwater supplies.

- Area and trench drains, inlets, catch basins
- Pipe, junction boxes, and box culverts
- Lift stations and flow control
- Detention, retention and infiltration
- Screens, separators and filters
- Stormwater maintenance and asset management optimization



Wastewater

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

Our pipe and fittings enable safe, reliable conveyance, our advanced grit removal solutions remove fine grit to improve operational performance and extend asset lifetimes, and our biosolids pre-treatment systems improve sludge quality and reduce maintenance.

- Pipe and junction boxes
- Vaults and manholes
- Sewer and drain pipe fittings
- Grit removal, washing and dewatering
- Grit concentration and classification
- Sludge screening and dewatering

Smart Infrastructure

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

Our AI-powered solutions can help you analyze water network risk and condition, detect and pinpoint leaks, detect infiltration and inflow, and improve water asset management.

- Leak prediction and detection
- Infiltration and inflow detection
- Risk and impact analysis
- Continuous monitoring & adaptive control (CMAC)

Infrastructure Expansion and Upgrades



Upgrading Aging Sewer Infrastructure

Product: PVC Pipe

Challenge/Solution: A city with aging wastewater infrastructure was experiencing network capacity issues, leading to backups, flooding and increased CSO spill risks. As part of a multi-year upgrade project centered on a large-diameter interceptor, we supplied almost 1.9 million lbs of PVC pipe, ranging from 6 in to 48 in. To increase transparency and accountability our team worked with the local distributor and the PVC Pipe Association to provide the city with enhanced specification documentation and an Environmental Product Declaration (EPD).

[Scan to read the case study](#)



Expanding Water Lines

Product: Concrete Pipe

Challenge/Solution: A highly-specialized application was required at a fault line crossing with a busy freeway and high-voltage lines in close proximity. We were able to meet the specification requirements, operate within the required budget parameters, and complete the project by the deadline; providing a long-term, high-performing, and sustainable water management solution.

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Incorporating Green Infrastructure

Product: BioPod™

Challenge/Solution: Install a large-scale sustainable stormwater treatment solution in a commercial development meeting strict site and budget conditions. Our stormwater experts designed a custom solution comprising three large BioPod systems that delivered high performance, site-specific stormwater treatment in a cost-effective package.

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MEET US IN THE FIELD

Stormwater Reuse & Management



High-Volume Stormwater Detention

Product: StormCapture®

Challenge/Solution: Tight site conditions, continuous rainfall, and the scale of the system created significant installation challenges for a new e-commerce distribution center. We delivered a fully customized StormCapture detention system designed to meet performance requirements while working within site constraints. Local manufacturing enabled rapid delivery, allowing 434 modules to be installed in just six working days, while on-site support ensured a smooth and efficient installation process.

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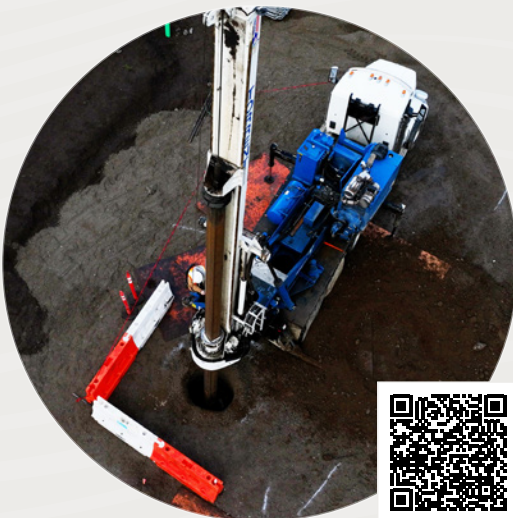


Integrated Stormwater Management

Products: FloGard®, NSBB®, Dual Vortex Separator and precast culverts, pipe and catch basins

Challenge/Solution: Frequent and excessive stormwater runoff was overwhelming the downtown area. This outfall project showcased our ability to provide comprehensive, turnkey support and solutions that modernize communities and transform the lives of their residents.

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Deep Infiltration

Product: MaxWell®

Challenge/Solution: Twenty-five feet of contaminated fill made protecting the native soil from contamination and the ability to infiltrate on-site stormwater a top priority. Our MaxWell drywells can be precision drilled and installed inside of an 8' circular footprint—minimizing excavation needs and infiltrating beyond a traditional drywell.

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Wastewater Management



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.



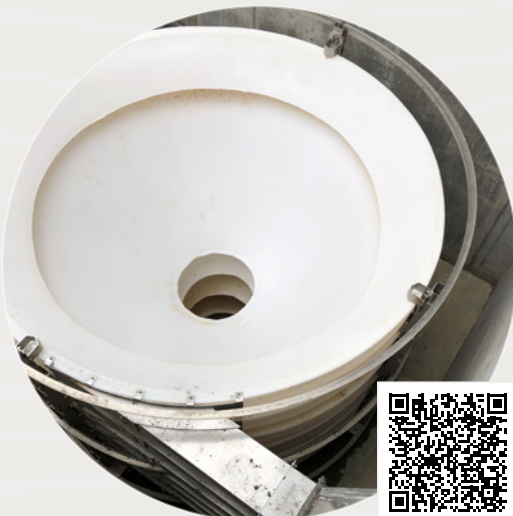
Expanding Wastewater Treatment Plants for Better Grit Management

Products: HeadCell®, TeaCup®, and Grit Snail®;

Engineered by Hydro International

Challenge/Solution: With no grit removal system, grit accumulation in the system caused frequent maintenance across multiple processes, reduced operating capacity, shortening equipment life, and increased energy costs. Our Advanced Grit Management® system eliminated costly grit cleanouts, protected downstream equipment, reduced energy consumption, and extended equipment life and reliability, providing sustainable, efficient wastewater treatment for a rapidly growing community.

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Wastewater Treatment Plant Retrofit for Increased Capacity

Products: HeadCell®, SlurryCup™, and Grit Snail®;

Engineered by Hydro International

Challenge/Solution: An under-performing equipment chain was inefficient and needed to be replaced within the same footprint. Our system setup fit the space available, providing Advanced Grit Management® ensuring better protection for downstream processes and improved plant reliability.

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MEET US IN THE FIELD

Digital /Smart Infrastructure



Cutting the Cost of Water Loss

Product: CivilSense™

Challenge/Solution: When you supply clean water to 180,000 residents, it's imperative to identify, pinpoint and fix leaks before they become major issues. CivilSense™, our AI-driven leak detection, discovered leaks that were losing a combined volume of 83 gallons per minute. With proactive repairs, the county cut annual water costs by \$130,000.

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CivilSense™

America's only AI-powered predictive and real-time risk analysis and leak detection water asset management solution.

- **Prevent Blockages and Breaks** Prioritize water network repairs to address high-risk sections and prevent disruption.
- **Cut Non-Revenue Water** Reduce water loss and ensure efficient, sustainable, resilient water supply.
- **Improve Asset Management** Monitor and analyze water asset performance, condition and risk to enable better decision making.
- **Improve Accuracy and Reliability** Leverage advanced AI trained on 2.3 million acoustic signatures, effectively reducing false positives by filtering out extraneous background noise.

Scan to read more



Smart Stormwater Storage

The first modular stormwater storage with integrated continuous monitoring and adaptive control (CMAC).

- **Cut costs** Maximize storage efficiency to cut materials cost, land take and design complexity.
- **Turn stormwater into a resource** Incorporate adaptive rainwater harvesting and reuse capability to cut water use.
- **Adapt to climate change** Respond to real-world conditions in real time to meet changing stormwater management challenges.

Infrastructure Design Tools

The Oldcastle Infrastructure Online Design Tool is created by engineers for engineers. Save time and increase efficiency when designing your next stormwater project by using this state-of-the-art tool. Immediately receive the right submittal drawing and technical information for your application.



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

Hydro-Shield® Advance, 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 deep stormwater infiltration, drainage and groundwater recharge, mitigating flooding and managing surface water 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.



Why Oldcastle Infrastructure?

Our scale.

Our product breadth.

Our expertise.

Our Legacy

As we've grown we've added product breadth, technologies and expertise to become the leading provider of water solutions products and services. 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.



Oldcastle
Infrastructure™
A CRH COMPANY

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