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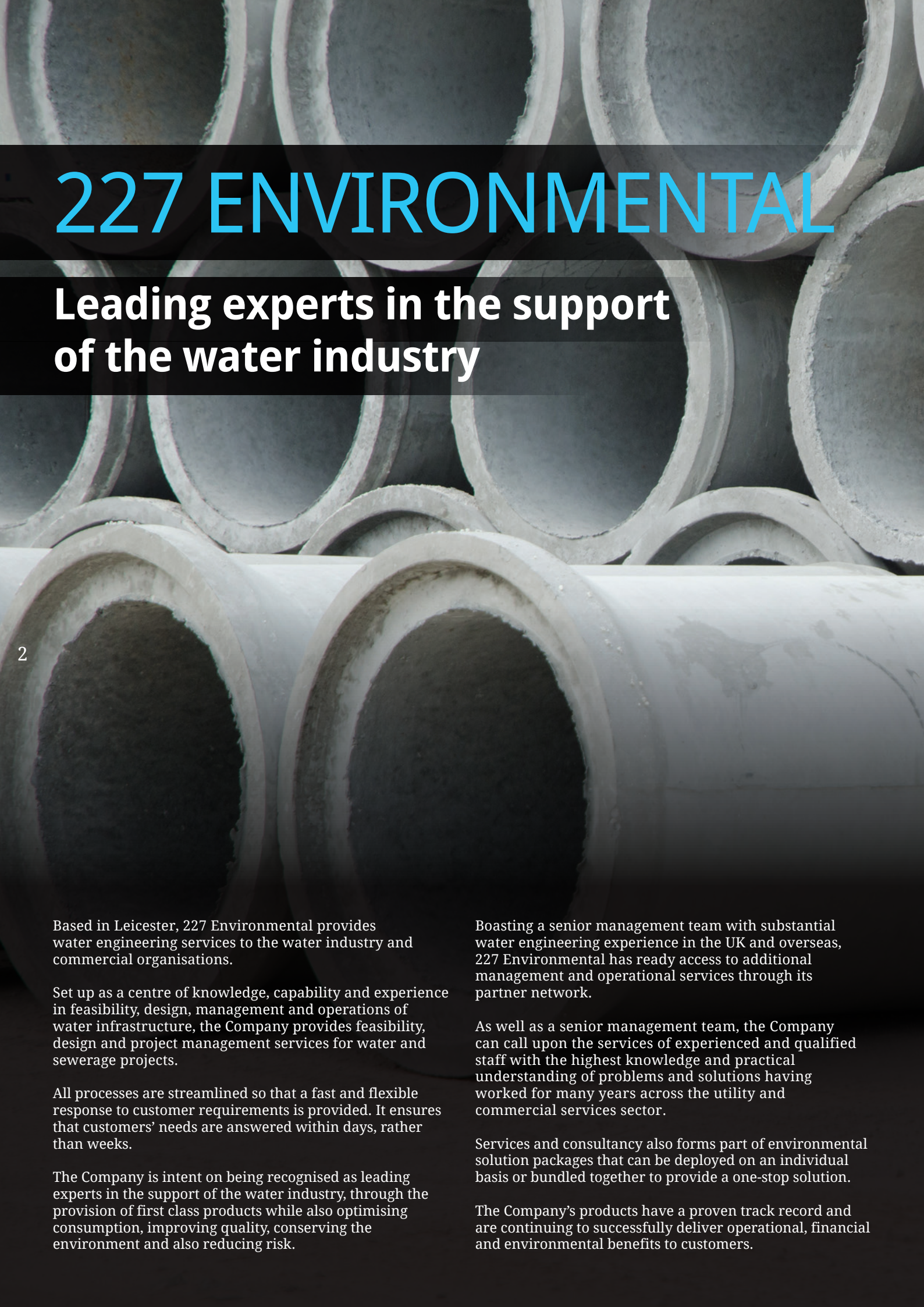
LEADING EXPERTS IN THE SUPPORT OF THE WATER INDUSTRY, THROUGH THE PROVISION OF FIRST-CLASS PRODUCTS AND SERVICES



227 ENVIRONMENTAL

Leading experts in the support of the water industry

Based in Leicester, 227 Environmental provides water engineering services to the water industry and commercial organisations.

Set up as a centre of knowledge, capability and experience in feasibility, design, management and operations of water infrastructure, the Company provides feasibility, design and project management services for water and sewerage projects.

All processes are streamlined so that a fast and flexible response to customer requirements is provided. It ensures that customers' needs are answered within days, rather than weeks.

The Company is intent on being recognised as leading experts in the support of the water industry, through the provision of first class products while also optimising consumption, improving quality, conserving the environment and also reducing risk.

Boasting a senior management team with substantial water engineering experience in the UK and overseas, 227 Environmental has ready access to additional management and operational services through its partner network.

As well as a senior management team, the Company can call upon the services of experienced and qualified staff with the highest knowledge and practical understanding of problems and solutions having worked for many years across the utility and commercial services sector.

Services and consultancy also forms part of environmental solution packages that can be deployed on an individual basis or bundled together to provide a one-stop solution.

The Company's products have a proven track record and are continuing to successfully deliver operational, financial and environmental benefits to customers.

The wide range of services provided by 227 Environmental includes the likes of CDM service, asset management below and above ground assessments, and externally, the Company undertakes radar surveys and traffic management for trial holing.

Thanks to having such experienced staff members, integrated client services can be offered, which are delivered on time, within budget and with professional integrity expected from an organisation such as this.

All products have a proven track record and are successfully delivering financial and environmental benefits to customers.

Along with the water services provided, 227 Environmental also work within the sewerage and environmental sectors.

The range of sewerage design services includes complete water renovation, sewer upgrade design, shaft tanks and pumping systems, online/offline storage, foul flooding solutions and flood alleviation schemes.

As with many schemes, the Company provides tailored innovative solutions using its new sewer engineering design team, with projects delivered on time and at the right price.

Its environmental work encompasses Phase I habitat surveys, which give a basic environmental assessment of an area and is the first step in evaluating a site's environmental importance.

It assesses the impact of any proposed work on the local environment, protected species and determines the conservation valve of the site.

The survey consists of two parts - a desktop study and a site visit.

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AMP6

Yorkshire Water's plans for the Asset Management Programme 6 (AMP) are taking shape, with all contractors and framework partners already announced

Scheduled to start next year, this is the next regulatory period in the water industry and many of the big players are pressing ahead with their plans to start up work, as UK water companies are under pressure to improve their efficiency.

Yorkshire Water has decided to retain its eight current partners and three framework consultants who have been so successful previously.

Current framework partners are: Byzak Entec, Black & Veatch, Mott Macdonald Bentley, Earthtech Morrison (ETM), Morgan Sindall Grontmij (MGJV), Barhale, Morrison Utility Services and Balfour Beatty Utility Solutions.

Consultancy providers for Yorkshire Water are Arup, MWH, Turner and Townsend.

This year has also seen Yorkshire Water appoint JBA Consulting as a Specialist Modelling Framework Consultant for the AMP6 investment period.

JBA will be working with Yorkshire Water, in collaboration with other framework suppliers, to deliver specialised river modelling and help to assess the potential impacts of assets on local watercourses and compliance with the Water Framework Directive.

JBA's Executive Chairman, Jeremy Benn, spoke of his excitement at the appointment.

"We look forward to continuing our relationship with Yorkshire Water," **he said.**

"Our work during AMP5, and this PR14 work, demonstrates how river modelling can be used to directly influence positive environmental outcomes.

"We will be setting up rainfall-runoff models to generate continuous hourly flow data, which in combination with modelled sewer discharges, can be used to assess the 'west weather standards.'

"These are the 'Fundamental Intermittent Standards', which are important for maintaining a sustainable ecosystem for fish, providing the best evidence for understanding the impacts of combined sewer overflows."

JBA will be delivering early start outputs to identify opportunities to implement catchment based approaches that deliver sensible outcomes.

As a chosen service partner for the Yorkshire Water AMP6 framework, Morrison will support the delivery of an investment programme, designed to continue to guarantee a resilient and secure supply of safe drinking water to almost five million people and 140,000 businesses across the Yorkshire region.

Morrison will continue to work on Yorkshire Water's clean water infrastructure assets, carrying out investigation works to design and deliver appropriate totex solutions.

This contract will operate alongside Morrison Utility Services' existing water services agreement contract, undertaking repair, maintenance and meeting services on Yorkshire Water's networks.

The partnership between Morrison Utility Services and Yorkshire Water has seen many projects already undertaken, including essential water quality improvement on Adel Lane in Leeds.

It is part of Yorkshire Water's capital investment in the pipe network, to maintain high standards of drinking water and prevent discolouration of the water supply.

Work lasted seven weeks and involved excavations along a section of Adel Lane to enable access for the water pipe to be re-lined.

Essential water quality improvement work was also undertaken on King Lane, Alwoodley, in July, which is also part of the capital investment in the pipe network.

Morrison again worked on this, excavating along King Lane in order to enable access for the water pipe to be re-lined.

As with the Adel Lane scheme, a road closure was required on King Lane between the junction with The Avenue and the junction with Alwoodley Lane.

A temporary and signed diversion was in place but vehicular access was maintained for residents and the businesses along the section remained open as usual.

Work on this project is now complete.

Due to the success of this partnership, it has been extended into the AMP6 regulatory period.

Charles Morrison, Chief Executive of Morrison Utility Services, said: *"We are delighted to have secured this extension to continue our long-term relationship with Yorkshire Water and we look forward to supporting the delivery of engineering services that will result in serviceability improvements in the supply of water to customers.*

"We would anticipate that the value of work in AMP6, assuming a similar workload to AMP5, could be in the region of £50M to £75M.

"Over recent years we have forged an excellent, collaborative relationship with Yorkshire Water and our focus is to continually drive improvements whilst keeping disruption to customers to a minimum.

"We will also look to continue to identify, invest in and deploy innovative processes and solutions that are safe, cost effective and ensure the customer's experience remains positive."

Balfour Beatty has worked with Yorkshire Water through every AMP cycle since 1994 and **Chief Executive Andrew McNaughton, said**: *"We are delighted that our long relationship with Yorkshire Water will continue into the next AMP cycle.*

"This is an important time for our clients in the water sector as they face more challenging regulatory requirements and we are committed to supporting their objectives through continued investment in new technology and the delivery of exceptional service."

Yorkshire Water expects its partners will deliver approximately £1Bn worth of work in the next AMP period, which will run from 2015 until 2020, and will include the future-proofing of the company's treatment works against extreme weather conditions, help protect the local environment and continue to guarantee a secure supply of drinking water.

A desktop study collates available public information relating to the status of the site and its biodiversity, present species, environmental importance and legal protection.

The site visit is a walk over the working area and, where access is permitted, surroundings to assess and record the predominant vegetation types and wildlife habitat present.

A visual assessment is conducted by the surveyor, who notes any findings and observations, and a map is produced which describes the main vegetation types present. Findings are referenced and site photos are provided if possible as supporting evidence.

It is a process that 227 Environmental has experience of undertaking as it is positioned within the engineering and environmental industry, so can combine insight and understandings of how projects work and their actual impact.

The result is the Company can suggest flexible methods in line with construction techniques, which in turn reduce environmental impacts and on-site disruption.

The Company has a great deal of experience, with a portfolio boasting projects from all these sectors.

This included work at Lawley Square, which saw the construction management design implementation and commissioning, and installation of water mains.

Located in Telford, work was necessary because part of the existing trunk network clashed with a new housing and shopping development in the area.

It meant that the main required diverting to the new line and level required, which would allow the new roads and sewers to be constructed.

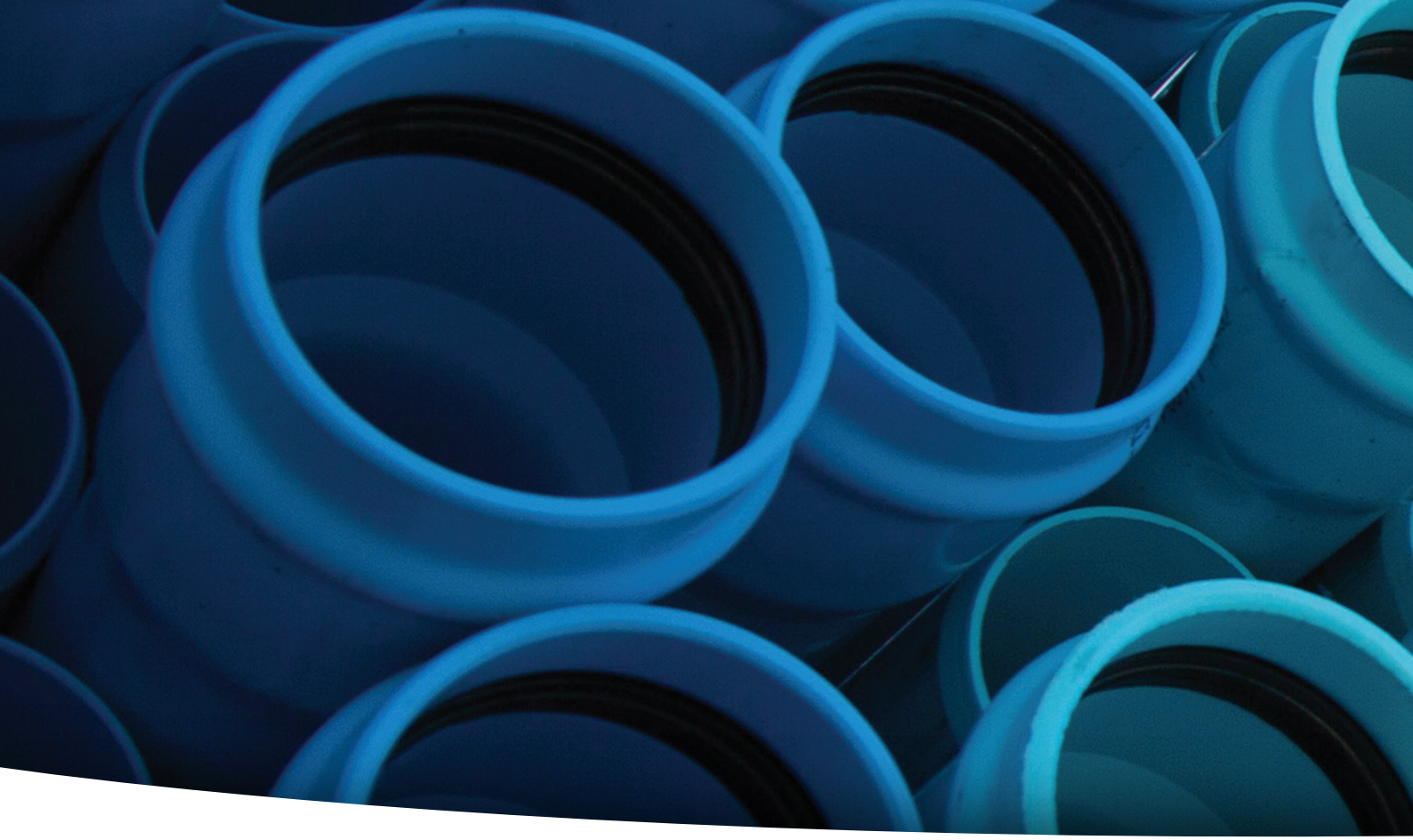
227 Environmental was instructed to carry out both the connection work and the trunk main diversion works as a dual project for STW and Ironstone Development Group.

It resulted in a seamless design process.

Thanks to the Company's considerable experience in trunk main design and installation, the programme was delivered within testing time constraints while also making sure that environmental compliance and network connections were made without any incident.

The development was also completed within the set budget and had minimal impact on water company customers and other stakeholders.

Services and consultancy also forms part of environmental solution packages that can be deployed on an individual basis or bundled together to provide a one-stop solution



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