

Elan Valley Aqueduct (EVA) Rehabilitation Project - final tunnel drive successfully completed





The last of the tunnel drives on the EVA broke through in May. This breakthrough saw an end to the last 1.8km section of tunnel on the project, which has a total of 4.6km of 3.05m diameter tunnels. The site team worked tirelessly in delivering this difficult final drive, which was challenging from beginning to end. Despite the breakthrough being complete, we still have a lot of work to complete. We have to strip out and clean the tunnel, excavate and install a high level connection culvert and complete all the connections by the end of October 2019. This will allow us to divert the flows through the new tunnel and well house in the October isolation/shutdown. Following on from this, we have to restore the Welsh hillsides to their former glory!

Barhale build on sector-leading position with pledge to 'Time to Change'

Barhale has further committed to tackling stigma and improving workplace mental health and wellbeing with the formal signing of the Time to Change pledge. Barhale already established a reputation for its proactive and progressive approach to mental health and wellbeing. In recent years we have taken steps, which include the appointment of a board level director with a specific remit for mental health and wellbeing and the development of an NHS-backed training programme, which we are rolling out across our own workforce and also making available to partners.

In the last 18 months, Barhale has also developed training specifically to build awareness and to help take on the problem of suicide in the construction sector. "The S Word" is supported and endorsed by the specialist suicide prevention programme within NHS Hertfordshire University Partnership.

Chief Executive, Matthew Behan, says:

"Signing this pledge is part of Barhale's ongoing commitment and passion to proactively support all our people in their mental health and wellbeing and forms a key part of our source, train, retain strategy,"







Barhale goes up and over in Whitlingham

love every drop anglianwater

@one

Careful pre-planning and the application of a range of innovative techniques including the temporary over-pumping of key parts of the sewer network have enabled Barhale, as part of Anglian Water's @one Alliance, to rehabilitate more than 10.4 kilometres of sewer pipe across East Anglia.



Developing operational leadership through 'Black Hat Programme' developed and rolled out

Barhale's 'Black Hat Programme' delivery is continuing during 2019 after a successful 2018 roll out. Last year provided a real insight into how to make the programme even more effective and engaging as Barhale continuously improve our development offering.

The 'Black Hat Programme' is key to supporting the Black Hat community; developing their operational leadership skills and helping them make all Barhale sites safer and more effective.

There are 3 levels of 'Black Hat Programme' within Barhale; Core (3 day internal delivery), Intermediate (9 day internal and external Level 3) and Advanced (12 month external NVQ), giving people a real opportunity to learn at a level that's right for them and their career aspirations.

ICE Engineering awards celebrate leading Yorkshire and Humber projects

Yorkshire Water, Barhale and GHD were proud to be awarded the Smeaton Award, Certificate of Commendation at the Institution of Civil Engineers' (ICE) prestigious annual Yorkshire and Humber awards for their work on the Market Street flood alleviation project.



Barhale's annual Three Pillar conference and awards day is scheduled for the 5th December at the Manufacturing Technology Centre (MTC) Coventry. The day will host interactive workshops deliberating key HSEQ industry themes and will culminate in recognising individuals, teams and supply chain who have delivered outstanding contribution to our three pillars of profit, safety and environment.

conference and awards

Barhale awarded West London mains upgrade to accommodate HS2 works

Barhale has been awarded a contract by Affinity Water to deliver a significant mains water diversion scheme in Ealing, West London to enable the construction of a new ventilation shaft required by HS2.

The contract will see Barhale install 578 metres of new clean water main in 250mm High Performance Polyethylene (HPPE) pipework at Mandeville Road, Northolt.

The work will replace the existing 12" water main and will also entail the installation of 65metres of 125mm HPPE pipework to maintain water pressure in some adjacent properties.

Barhale will also install 646 metres of clean water main in 315mm HPPE pipework at Greenford Road between the Western Avenue roundabout and Rockware Avenue



Barhale secures hat trick of new contracts from National Grid

Barhale has won three flood defence improvement contracts totalling £7.5 million from National Grid. The three schemes will uprate the protection of electricity substations at Waltham Cross (400/275 kV substation) and West Weybridge (400kV substation and 132 kV substation). They have been awarded as part of National Grid's Substation Flood Defence Framework, which aims to

improve the resilience of the electricity transmission power network to flooding.

nationalgrid





Near Miss and good practice reporting in the palm of your hand

Barhale has introduced a simple mobile app to capture near miss incidents and good practice. The app allows staff to record incidents and examples of good practice on their mobile devices, reducing the need for forms and speeding up the time it takes to flag and capture this data.

Barhale's Scotland region secures framework with Glasgow City Council

Barhale's Scotland team has secured the Construction and Trade Framework Agreement Lot 11 for Glasgow City Council. This contract includes the construction,

refurbishment, repairs and maintenance of all types of structures including but not limited to bridges, footbridges, quay walls, retaining walls, structural earthworks, underpasses, tunnels and culverts.



Great news! Full transition to ISO 45001 achieved!

After several months of preparation, Barhale has transitioned to the new Health and Safety Standard ISO 45001 from OHSAS 18001. The result comes after the first surveillance visit of 2019 by LRQA. This transition is a very important step for the business in holding the latest and newest industry recognised standard for health and safety.





Counters Creek, originally a stream flowing from Kensal Green south to Chelsea Creek, formed an important part of natural drainage in the area. Over the years it has been filled in, covered and diverted with only small sections remaining visible. In 2007, widespread basement flooding caused by intense rainfalls in the London Boroughs of Kensington and Chelsea and Hammersmith and Fulham occurred. In response to this challenge, Thames Water appointed Barhale to provide flood alleviation by constructing seven local schemes to increase the sewer capacity and provide flood protection for multiple properties.

Barhale secures new framework contract with East Dunbartonshire Council

Barhale's Scotland region has been awarded the Framework for Structural Repairs for East Dunbartonshire Council. The works will comprise repairs to bridges, culverts, underpasses, retaining walls and the like, as instructed by East Dunbartonshire Council during the term of the Framework Contract.





Construction workers stand shoulder to shoulder for suicide prevention

Workers in the construction sector are almost four times more likely than the national average to take their own lives.

To mark World Suicide Prevention Day (WSPD) 2019 (Sep 10) each of Barhale's 1000 strong workforce were issued with a sticker of the WSPD logo, to encourage construction workers to discuss issues affecting their mental health and wellbeing.

Pictured are members of the Barhale team at the Thames Tideway Victoria Embankment site - part of the project to build a 25km super sewer under the Thames.





BCS Group caring for female workforce in construction

In what is believed to be a UK first, a new range of Personal Protective Equipment (PPE) tailored to support religious diversity within the construction workforce has been launched by BCS Group. It forms part of a broader collection of new workwear designed specifically for women who, according to a recent parliamentary report, now make up around 14 percent of the sector's workforce. The new range also includes a line of maternity clothing, developed by Leo Workwear and supported fully by Walsall-based BCS Group.

Kirstie Fish, Head of Signs & Supplies at BCS Group, explains that the decision to launch the new range follows the growth of women within the construction workforce.

"We have always seen ourselves at the forefront of encouraging diversity." The new range of maternity and culturally-appropriate PPE shows a wider programme within the group to reduce the gender gap in construction.

The new clothing has been fully risk-assessed and caters to the modified work roles of those who are pregnant and those who have cultural requirements in their apparel.











Beckton Pipeline

Client: eight2O/CABV **Location: Beckton, East London**



As part of the wider Thames Tideway scheme, Barhale have been engaged to install a new 45m long, 2.8m diameter, steel pipeline within Beckton Waste Water Treatment Works (WWTW). The new pipeline will connect the existing Lee Tunnel to a new Storm Tunnel as part of the Thames Tideway solution.



BCS Group designed, fabricated and installed bespoke lifting po onto the pipe sections, as well as a 25m long access ladder

Innovate East



The three day event, hosted by Anglian Water and Essex & Suffolk Water, collaboratively identified and developed ideas and solutions to address a broad range of challenges the water industry faces. Four key themes were explored; natural capital, social purpose, digital twins and leakage. A range of experts and participants from across the sector and varying other industries, came together to provide wide-ranging perspectives and experience.



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