

## Barhale awarded main civils package at Barn Elms

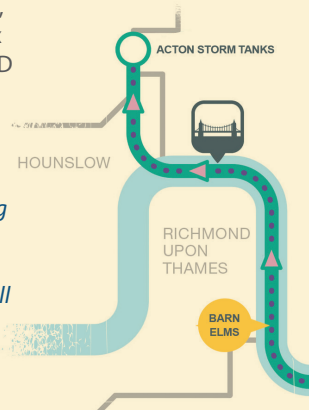


Barhale has been awarded the main civils package at Barn Elms, Richmond, on the West section of the Thames Tideway Tunnel by the BMBJV of Balfour Beatty, Morgan Sindall and Bam Nuttall.

The £9M contract, which started in September and is due for completion in two years, will see the West Putney Storm Relief CSO intercepted at Barn Elms by constructing a series of complex underground structures connecting it to the main Tideway Tunnel beneath the River Thames.

The 35m deep CSO drop shaft formed with an SCL primary lining and 6m ID secondary lining will convey the storm flows from the existing CSO down through a vortex generator and a drop tube to the connection tunnel, which will be constructed by a 2.5m x 215m pipe jack finished with a 2.2m ID secondary lining.

*"This is a very exciting and important project for Barhale," says Contracts Manager Ovi Frunza. "It's a challenging piece of work but with our experience in this sector we are confident that our input to the Thames Tideway Tunnel will help ensure its aim of reducing sewage overflows into the River Thames."*

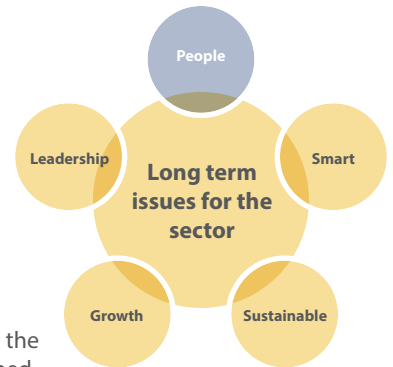


## Barhale drives sustainability with new 100% electric vans

Barhale's Eastern region has invested in new electric vans and installed electric charging points in the car park at Great Billing in a bid to reduce its carbon footprint. The vans have been liveried to show that they produce zero emissions.



## The Barhale Future Skills Council



The Barhale Future Skills Council (BFSC) will be made up of representatives from Barhale and the wider industry. It has been designed to help identify future changes in the industry and accelerate responses and solutions to the subsequent challenges those changes may bring to employment, skills and capabilities.

The CITC Report 'Construction 2030 and Beyond: The Future of Jobs and Skills in the UK Construction Sector' identified the long-term issues that need addressing. As part of the Industrial Strategy, the 2025 vision for construction highlighted the areas above as crucial to success in the future.

The Council is in the process of being defined further with clear terms of reference.

## Barhale builds bridges with New Cumnock Primary School

The Scotland team, which is working on the New Cumnock Flood Prevention Scheme, has been introducing some of the skills and techniques of civil engineering to local school children. Barhale team members took 64 year six and seven pupils from New Cumnock Primary through the Institution of Civil Engineering supported "Bridges to Schools" project. Providing a fun and educational insight into civil engineering, children are tasked to build and then dismantle a 12m long, model cable stayed bridge.

*"The 'Bridges to Schools' event provided the children with a great opportunity to work as a team and to learn about civil engineering. Thank you to Barhale and East Ayrshire Council for providing this opportunity and involving the community in this project."* says Head Teacher, Joanna McMurdo.







The Fulmodeston S101A team were the worthy winners of the @one Alliance Customer Champion Award, which earned them an afternoon off and a celebratory BBQ! The Fulmodeston team have demonstrated the power of taking ownership, doing the basics brilliantly and going above and beyond to delight customers occasionally. Well done to all of the team!

Dale Evans, Director of the @one Alliance, said: *"I was blown away by the team's commitment to putting customers at the heart of how we deliver an incredibly intrusive project. The positive feedback from our customers in Fulmodeston demonstrates just how effective the team's approach has been."*



## BCS Group has acquired 100 new Renault vans with driver-monitoring telematics.

The new vehicles, ranging from small two-seater Kangoo vans to double cab tipplers, take the size of the fleet at BCS to more than 200. Other new Renault vehicles for the BCS fleet include medium and large panel vans, such as the Renault Trafic and Renault Master, as well as pick-ups.

*"We have just started to receive the new Renault vans and they are a significant addition to our fleet."* says James Mulchinock, General Manager at BCS. *"BCS is part of the Barhale Group, supplying all its fleet and many of the plant hire and consumables requirements throughout the business. Some of the fleet, however, will be dedicated to our key customer framework contracts, so will display their livery, enhancing their brand, as we carry out essential infrastructure work on their behalf."*



## Barhale takes plaudits for mental health work at International Safety Awards

At this year's British Safety Council's 60th International Safety Awards Gala Dinner, Barhale collected the Mates in Mind Impact Award for improving and promoting positive mental health within the construction industry.

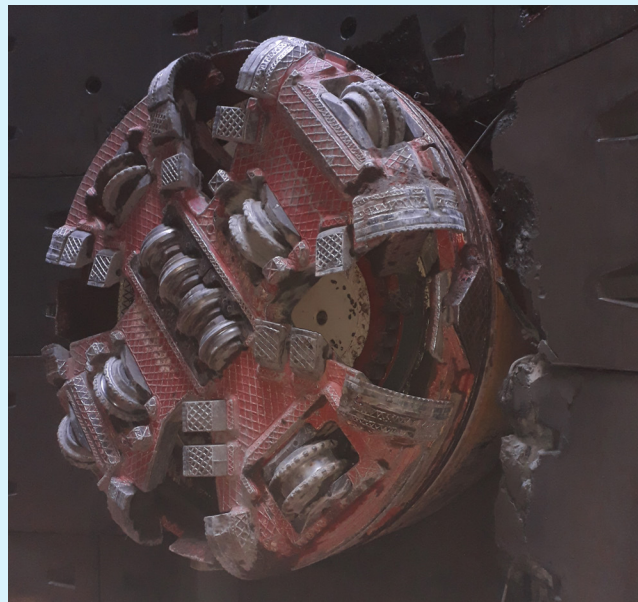
Praised highly for delivering our own 'Engineering Better Mental Health Management' programme, Barhale's half day course is designed to equip all its line managers with the knowledge and understanding to confidently identify and support colleagues' health concerns. Recognised by the Institute of Leadership and Management (ILM), the course was highlighted as outstanding by the external adjudicator because it is being supported and championed by Humber Foundation NHS Trust.



## Barhale achieves longest pipe jack drive to date



The picture below shows the moment an 1800mm diameter Tunnel Boring Machine (TBM) entered the reception shaft at RDX04 on the Birmingham Resilience Project (BRP) for Severn Trent. The drive length was 521m long, which is the longest pipe jack drive Barhale has successfully delivered to date. It was a very challenging drive at 30m depth, with a 31m rise in gradient, through SSI ground, under a river, below an industrial estate, across a major road and finally below a motor cross circuit before reaching the reception shaft.







## BNM Alliance successfully kicks off the 3rd tunnel drive with a visit from a local primary school

A local primary school were invited to the BNM Alliance site in Knighton, after naming the tunnel boring machine for the third tunnel drive of the Elan Valley Aqueduct Rehabilitation project. Here they are wishing 'Offa' a safe journey!



## IOS Alliance project update



Barhale, working as part of the IOS Alliance for Anglian Water, have been busy replacing controls and equipment across Anglian Water's clean water asset base. We are currently working on, amongst others, two programmes of work – delivering the work with our specialist in house delivery teams.



**Sample Point Refurbishment Programme** - these are regulatory sample points that are being upgraded in line with new minimum asset standards. A standard arrangement and kiosk unit has been developed, which is installed as the standard product across the asset base, with bespoke connecting pipework and surrounding civils works. The sample lines are installed on live sites, carrying out under pressure tapings, and working to the strictest of hygiene standards to ensure we don't contaminate water supplies, and only get signed off once a full suite of water quality samples have been taken and passed.



### Obsolescence Turbidity Monitors Replacement Programme

- this programme of works focusses on replacing obsolete equipment on sites – this piece of equipment is vital in ensuring the water quality is maintained as it leaves the works. Work was once again carried out live, with measures were in place to ensure we didn't pollute the drinking water.



## We're moving office!

Barhale are excited to be able to announce that we are moving our Southern regional office from our existing base in Watford to St Albans.

From January 2019 we will be moving to our new offices at Tyttenhanger Park, Coach House, Coursers Road, St Albans, AL4 0PG.

## BCS latest investment update



BCS's latest fleet acquisitions include a new 6-ton dumper which features a cab with 180° rotation and a spacious, ergonomic cockpit. With a 180-degree rotatable operator seat and steering position within the cab, the dumper can be driven both forwards and in reverse with the driver always facing direction of travel.

## Getting on the front foot with safety through digital innovation



Barhale celebrates our annual Three Pillar Awards and focuses on digital innovation at Coventry's Manufacturing Technology Centre (MTC). The day, hosted by the board and HSEQ team included workshops from Bosch, MTC, Tanuti and our internal design engineers, a tour of the factory, exhibitions from three innovative suppliers and culminated in an awards ceremony revealing the winners. Awards included:

- Young Person of the Year – Michael Lloyd, Northern Region
- Living the Barhale Values – Frank Green, Tunnelling
- Materials Supplier of the Year – Keyline
- Plant Supplier of the Year – Flannery Plant Hire
- Greenest Site – Crimble Beck, Yorkshire Region
- Subcontractor of the Year – JMC
- Best Quality Site – Waverley, Yorkshire Region
- Healthiest & Safest Site – Weylands Emergency Works, Southern Region





## Birmingham Resilience Project safety stand down day

**Be Safe**  
Be Healthy

Barhale hosted a safety stand down day for the site personnel working on the Birmingham Resilience Project (BRP). One hundred and sixty site workers attended and the day was led by the drama company, Just Drama Based Training. They re-enacted a number of health and safety risk situations which could potentially happen on site. These roleplays raised issues such as substance abuse, tiredness and safety hazards, highlighting the importance of communication on site. This is the 4th stand down day that Barhale have hosted on BRP and the site has seen a considerable decrease in the number of accidents since these sessions began.

Site Operative, Simon Davies says *"They are very informative and with the performers acting out various situations it's easy to see and relate to stuff we do on site. It gets the 'don't just walk by' message across very well."*

## Midland Metro Alliance: Successful concrete pour at Pinfold Street



The first concrete was successfully poured for the base of the track. This was an intricate operation due to the gradient of the track slab. It was critical that the concrete was delivered in a timely manner to ensure the consistency was correct at the time of pouring.

Due to the constraints of working in Birmingham city centre, the concrete had to be pumped 80m uphill at a gradient of 8% and into the track slab formwork, which also had 8% longitudinal fall. This meant that the delivery and the quality of the concrete had to be perfect to ensure the concrete was pliable enough to be pumped, but also stiff enough to ensure it did not flow over the formwork.

These works form part of the first phase of the Birmingham Westside Metro extension which will extend from Grand Central to Centenary Square. The extension will provide Metro stops serving Victoria Square and the Paradise and Arena Central developments at the redeveloped Centenary Square.



## Barhale crowned 'Best Main Contractor to Work With' at 2018 Construction Enquirer Awards.

Barhale are proud to be crowned 'Best Main Contractor to Work With' (Under £250m) at the 2018 Construction Enquirer Awards. This is the third year in a row we have been recognised in these prestigious awards, but this is the first year we have come away with the top prize! This award recognises Barhale as one of the industry's best companies to do business with and we would like to extend a huge thank you to everyone who voted.

## Mayor of West Midlands, Andy Street, presents Barhale with Walsall Works Gold Partner award



We are pleased to announce that we attended the Walsall Works Partner awards where we were the only local business to win a gold. There are three levels of awards; bronze which shows commitment; silver that indicates the level of engagement and gold which we received by highlighting the impact of our partnership with local business, providing employment opportunities and working with vulnerable adults. This award demonstrates our commitment and contribution to the local community and our dedication to corporate social responsibility.



Karl Woodward and Sue Turner receiving the Gold Partner Award

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