



Summer 2016

Barhale *news*

Safety | Communication | Quality | Integrity | TeamSpirit | Caring | Trust | Pride



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Welcome to the Summer Edition of Barhale News

As well as Europe becoming the focus of attention both on and off the pitch, the last quarter has been an exciting period for the people of Barhale – as many of the articles and pictures inside this edition of Barhale News demonstrate!

The fantastic efforts of our team at Rickmansworth over a wet and windy Easter weekend, replacing a bridge in a challenging track possession was symbolic of what great work the people of Barhale do, day in day out, impressing many within London Underground and the general public who watched on in awe of our efforts!

Equally impressive was delivery of our brand new TBM at Bleddfa on the Severn Trent EVA project, drawing plenty of attention from both the local community and local TV! And to add to that, the fantastic news of more major project success in securing the Birmingham Resilience Pipeline and the Newark Sewer Flooding Defences will hopefully provide BBC Midlands News team with more good news to reflect on in the coming months!!

Whilst celebrating our IOS Alliance team going the extra mile at Tinwell, as we look forward to an exciting journey with Anglian Water over the next 15 years, we also bid a fond farewell to Chris Smith who has been firmly at the helm of our Eastern Region for the last 18 years!

As regards the UK vote to leave the EU, whilst there will no doubt be challenges to the wider construction industry going forward – we are fortunate to find ourselves in a relatively strong position, with our strategy of securing long



Andy Jewerday

term sustainable framework commitments, within the relatively protected regulated water and power sectors, yet again paying dividends against the backdrop of potential economic downturn.

Looking further forward, we are finalising our 5 year strategic business plan – which is the blueprint for the next chapter of the Barhale story, and that will provide many exciting opportunities for the expanding Barhale Group going forward as we continue build on the hard work and sacrifice of the last 3 years! The need to diversify and widen our portfolio going forward is central to the plan, and we are investing and developing our resources, including many fantastic people from across the wider European Community and beyond, to ensure we secure our long term business sustainability.

The appointment of Matthew Behan as Group CEO is a clear statement of our ambition and confidence going forward, and we look forward to Matthew joining the team to help us maximise the opportunities ahead.

Finally, the launch of our new website and social media platforms provide a great means of communicating all the good things happening across the Barhale Group and sharing with the wider world what we are up to! We need lots of stories and content to keep it current and of interest – so please help us by sending interest articles, pictures and news-bites whenever you can!

Notification of Awards

Our teams across the regions are regularly commended for the fantastic projects they deliver. During the past few months our site teams have received the following prestigious awards:



Scotland - Clyde Gateway / West Burn Culvert Diversion: Silver Considerate Constructors Scheme (CCS) National Award.



The Clyde Gateway / West Burn Culvert Diversion team collecting their award.

Southern – Sussex Gardens Trunk Main Replacement: Silver Considerate Constructors Scheme (CCS) National Award.



The Sussex Gardens team collecting their award

Welcome to the Barhale Team

A warm welcome to our new starters who have recently joined the Barhale team.

Eastern

David Cottam Site Agent, **Paul Dunnill** Design Engineer, **Simon Holmes** Electrician, **Vicky Hoole** Production Improvement Technician, **John Keeshan** Skilled Operative, **Ashley Lawman** Site Agent, **Sarah Leabon** Procurement Co-ordinator, **Chris Nemeikas** Deep open-cut pipelayer, **Richard Nemeikas** Deep open-cut pipelayer, **Jason Ridley** Electrical Site Supervisor, **Simon Roberts** Mechanical Fitter, **Chris Rudd** General Operative, **Natalie Tsai** Senior Quantity Surveyor, **Jack Underwood** Mechanical Fitter, **Philip Woodward** Electrician

Head Office

Amin Badruddin Lead Environmental Advisor, **Muktadir Choudhary** IT Engineer, **Robert Green** Buying Administrator, **Eric Larsen** HSE Advisor, **Paul Mawhinney** Admin Assistant, **Gabriela Moreira** Estimator

Southern

Abdirahman Abdi Sub Agent, **Michael Aherne** Foreman, **Stefan Attfield** Site Agent, **Andrei-Vasile Costiuc** Site Engineer, **Anthony Elliott** Site Agent, **Andrzej Gajewski** Skilled Operative, **Zoltan Iakab** 360 Plant Operator, **Ian McGrady** Site Agent, **Guilherme Rodrigues** Site Engineer, **Ruben Utrilla Paton** Site Engineer

Northern

Jaques Barnard Senior Site Agent, **Kevin Barry** Lead Miner, **Chris Bennett** TBM Fitter, **Alwyn Davies** Senior General Foreman, **James Downing** Senior Quantity Surveyor, **Darren Ellis** Miner, **Nigel Ellis** Loco Driver, **Steven Gallacher** Senior Site Agent, **David Hill** Electrician, **Stephen Hudson** Fitter, **Paul Johnston** Electricians Mate, **Gary Jones** Grouter, **Peter Killeen** Grout Plant Operator, **Colin Lawrenson** Project Manager, **Michael Lloyd** Trainee Quantity Surveyor, **David Morgan** Yard Foreman, **Ian O'Rourke** HSEQ Advisor, **Duncan Pritchard** Belt Man, **Stephen Pritchard** Miner, **Clive Pritchard** Tunnel Superintendent, **Mark Pritchard** Fitters Mate, **Anthony Regola** Pit Boss, **Daniel Richards** Fitters Mate, **Anthony Richards** TBM Operator, **Roberto Sanchez** Galan Tunnel Engineer, **Dyfan Williams** Segment Hoist Operative, **David Williams** Segment Hoist Operative, **Jack Williams** Pit Bottom Man.

Scotland

Stephen Harvey Foreman, **Scott Muir** Senior Engineer

Yorkshire

Deborah Davies Regional Manager, **Andrew Dempster** Quantity Surveyor



Barhale Trant Utilities: Awarded their seventh consecutive annual **GOLD** medal by the Royal Society for the Prevention of Accidents.

A huge congratulations to all the teams for their outstanding achievements!



Matthew Behan joins Barhale as Group CEO

Matthew takes up the role as Chief Executive Officer (CEO) for the Barhale Group of companies.

Matthew's appointment coincides with us entering the next exciting stage of the Barhale Group's growth and development when the company turnover is set to deliver record figures in 2016/17 due to positive growth and targeted project wins. We have taken the opportunity to review the corporate structure to meet our future needs, having spent the last 2 years successfully consolidating our position and securing a long term order book. To capitalise on the opportunities ahead, a new Group Holding Board has been established, on which Matthew will sit working alongside Dennis, Andy and Noel.

The Barhale 5 Year Strategic Plan is built around the need to broaden our portfolio into the Energy, Transport and Built Environment sectors, whilst continuing to deliver frontier performance for our existing Water sector customers. Matthew will be actively involved in finalising the plan and assume overall responsibility for its effective implementation.

Matthew takes up his position at Barhale on 1st August 2016, after almost five years as Group CFO and Interim CEO of J Murphy & Sons where he was a Main Board Director and played an integral part in the growth and success of the UK, Australian, Canadian and Property businesses.

Previously he was Group CFO of P J Hegarty & Sons, a leading Irish Building and Civil Engineering Company and also a Director of various Hegarty Property Development businesses and Investment entities through the exponential growth phase of the Irish economy.

Matthew is a Chartered Accountant and Chartered Director and earlier this year was appointed as a Non-Executive Director of the London based Institute of Operational Risk (IOR).

On his appointment, Matthew commented "Barhale is a modern business underpinned by enduring values, which have earned the Company reputation and trust amongst all its stakeholders. The Company is known to me as a first class performer, highly regarded by clients and I have first-hand experience of Barhale as a progressive Joint Venture partner over several years. I am extremely pleased to be joining such a customer focused, safety-embedded, innovative and responsible business and I am fully committed to the values and the three pillars sustainability model, which will ensure lasting growth and success."

Clear Skies Ahead at Wester Dodd 132kV Primary Sub Station

Despite the wind, the rain and the snow Barhale's Scotland region are rapidly moving towards the successful handover of a new 132kV substation at Wester Dodd for Scottish Power Energy Networks (SPEN).

Situated almost 400m above sea level, up a single track forest road and exposed to the North Sea elements, it was always likely that this project would test the resolve of our site team – however, add to this the wettest winter in Scotland's history and heavy snowfall until late April and the task became herculean!

Led by Site Manager George Gilmour for the majority of the contract, the Barhale team were tasked with delivering all civil works associated with the new 132kV substation – prior to the installation of all electrical equipment by a third party Balance of Plant contractor.

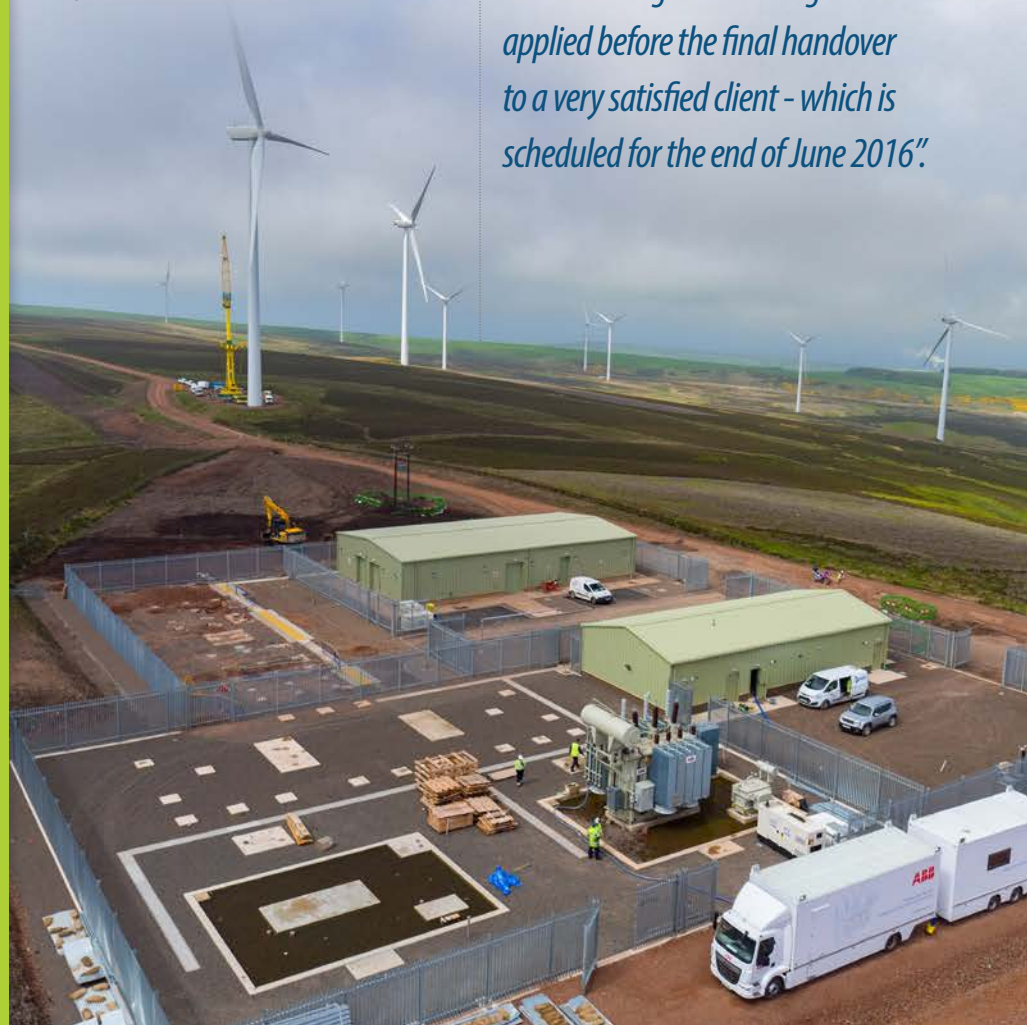
This included:

- The complete construction of a new, steel framed control building.
- All reinforced concrete foundations for the new 400kV switchyard equipment.
- Construction of a new 7.5 mile access road; consisting of 4 miles of bitumen surfacing followed by 3.5 miles of hard-core surfacing.
- All drainage and ducting installation.
- Installation of an underground earthing grid.
- Up-filling the platform level.
- The erection of a new palisade fence perimeter.

The extreme weather caused the site to become inaccessible to delivery vehicles, in fact on occasion it even proved too much for the 4x4 vehicles used by Barhale and SPEN! By collaborating closely with the client, Barhale's project team were able to develop a revised programme, which took the poor weather in to account; allowing the team to overcome the delays and devise a realistic completion date.

Barhale Project Manager Saif Khafaji is currently on site overseeing the final handover of the works, which involves a skeleton gang finishing off any remaining hard and soft landscaping around the site. Saif commented:

"Despite the odds being heavily stacked against the construction team, under the management of George Gilmour the project overcame the multiple challenges it faced and is now having the finishing touches applied before the final handover to a very satisfied client - which is scheduled for the end of June 2016"



Tunnel Boring Machine Launched at the **Elan Valley Aqueduct**

Monday 23rd May 2016 marked a significant milestone for the Elan Valley Aqueduct (EVA) Rehabilitation Project, as the 3m diameter Tunnel Boring Machine (TBM) was launched from the drive pit in Bleddfa, mid-Wales.



Aerial shot of EVA site, Bleddfa



45m long x 25m wide drive pit



3m diameter TBM being lifted into the pit



3m diameter TBM in position in drive pit

The TBM will be used to construct a 1.8km long tunnel to replace part of the existing aqueduct at Bleddfa; the first of three sections associated with the overall project.

To mark the occasion, Barhale, North Midland Construction and Severn Trent invited local residents and key stakeholders to witness the arrival and launch of the TBM before it began its journey through the Welsh Valleys.

The Barhale North Midland (BNM) Alliance team have been working around the clock for the last 2 months to ensure the site was ready for the launch. This centred on the construction of a huge 45m long X 25m wide drive pit and included the installation of a protective concrete surround to a section of the existing aqueduct structure, which is also within the pit.

Over 300 million litres of water flows through that part of the drive pit every day and when the tunnel is complete this flow will be diverted from the old aqueduct into the new tunnel while it is still live.

The purpose built TBM arrived on site after a 1000 mile journey from the Herrenknecht factory in Schwanau, South Germany. A convoy of low-loaders transporting the TBM travelled to Bleddfa behind a 4-car escort charged with clearing the route ahead.

Over 120 visitors attended the launch, including member of the local and national press. The day commenced with an official naming ceremony of the TBM by pupils from Presteigne Primary School. The BNM project team had previously set a challenge to students to come up with the best name they could for the TBM. There were some interesting suggestions amongst the 60 submissions but the eventual winner was Master Mine. Prizes were presented to the winner and runners up, after which the three sections of the TBM were lowered individually into the drive pit by a large mobile crane with a 1,000 tonne lifting capacity.

The team now face the complex task of assembling the TBM in the bottom of the drive pit before it begins its excavation through the Welsh hills.



April and May **Photography** Competition

April saw the start of our monthly site photography competition. We asked you to submit your best examples of what good looks like at Barhale...and you did not let us down!

April
 Congratulations to Phill Froggett, who picked up the photography prize for April after submitting this brilliant photo from our southern region – showing the iconic blue and yellow of Barhale standing proud in front of the equally iconic Battersea Power Station.

May
 Congratulations to Roberto Sanchez Galan who won the award for May for this fantastic image from the TBM launch on the Elan Valley Aqueduct Scheme.

Other worthy candidates photos included below:



Barhale standing proud in front of the equally iconic Battersea Power Station
 Submitted by Phill Froggett



TBM launch on the Elan Valley Aqueduct Scheme
 Submitted by Roberto Sanchez Galan



April runner up
 The Fisher Street Shaft project for BFK
 Submitted by Colin Macken



April runner up
 Holbeach River Sluice for SHIDB
 Submitted by Michal Thomann



April runner up
 Maentwrog substation for SPEN
 Submitted by Colin Macken



May runner up
 EVA for Severn Trent Water,
 Submitted by Ken McGregor



May runner up
 Chipperlaigen substation for
 Submitted by SPEN, Michal Hermanowicz



May runner up
 Chipperlaigen substation for
 Submitted by SPEN, Michal Hermanowicz

Tinwell Roof Replacement

As part of the IOS alliance, Barhale were required to carry out a £450k screen replacement to the Tinwell pumping station.



The entire 60m X 30m roof was refurbished



Operatives safely remove the old roof tiles

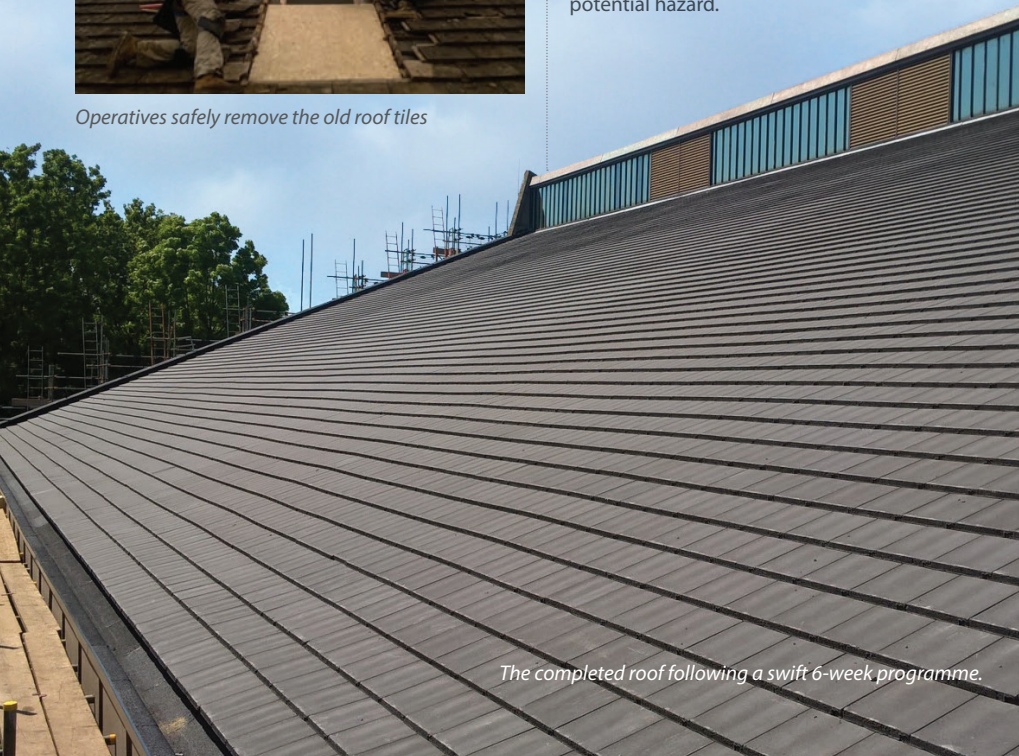
On the 5th April, Barhale Project Engineer Paul Darrington noticed potential water ingress leaks coming through the roof of the vital pumping and transfer station to Rutland reservoir; a key asset to Anglian Water. Although the leak was not related to Barhale's work Paul took immediate action and contacted the local HV operative. On his arrival to site the operative discovered multiple leaks inside the high risk High Voltage area.

The area was assessed to possess a significant electrical risk and as such the station was isolated immediately under Barhale/IOS health and safety grounds. This decision was highly commended by Anglian Water, with the team receiving a thank you letter from Paul Valleley, Director of Clean Water for Anglian Water.

As a result of the team's findings, the IOS were tasked with carrying out emergency repairs to the existing roof structure to prevent future water ingress.

The team were given a 5-week window to complete the works. This involved removing 8no 30ft long asbestos lined GRP skylights and stripping the roof back to its structural boards. They then re-lined the entire 60m X 30m tiled roof and addressed other gutter and edging problems. The works were completed 2 weeks ahead of programme allowing Anglian Water to get the site back in supply as soon as possible.

This is another great example of Barhale people going the extra mile and not walking by a potential hazard.



The completed roof following a swift 6-week programme.



Operative Focus Team Meetings Held in Eastern Region

In the Eastern Region, our Operative Focus Team have recently held their second meeting, in which operatives are encouraged to bring their local concerns and suggestions to the attention of the management team.

It is used as a platform to consider actions, practices or near misses, which may have been witnessed on other sites within the region as a way of promoting best practice throughout the company.

The team ensure a diverse cross section of staff attend the meetings to provide a balanced and truthful reflection of operations throughout the region.

At the last meeting it was concluded that selected delegates will:

- Visit other sites – both internally and externally (within the IOS Alliance), through coordination with the Operations Manager.
- Shadow the Anglian Water Deliver Assurance Manager or Barhale Operations Managers and assist with one of their monthly inspections.
- Share best practice, promote safety standards and generally communicate with regional staff members via the WhatsApp platform.
- Arrange visits to innovation days such as the "No Dig" exhibitions, which occur nationwide.





Wishing **Chris Smith** a fond farewell in his retirement following 18 years of dedication and commitment to Barhale

Just a few words from some of Chris' colleagues from his time at Barhale

Barhale first got to know Chris as a main contractor client who stood out with his display of integrity

Our early days with Chris were working for him as a pipejacking subby, where his positive attitude and outward appreciation for a job well done, set the foundation in place for what became 18 years of proud development and successful operation.

From the outset Chris's leadership, innovative thinking and determination to challenge the status quo stood out. Nothing was out of bounds and his years of practical experience and unique means of communicating allowed both the Barhale business and particularly the people he worked with, to set new standards, solve problems and out-perform against even the most challenging targets for safety, cost and carbon.

Who can forget the D-Drill gravity sewers, the curved bucket, the fabulous @ONE Alliance Stand-down, the Eton training centre and the 'design from scratch' metatarsal protection safety boots?

His proud legacy stands out in the UK water industry, having established a leading role in one of the industry leading light organisations

Andy Flowerday - Managing Director



When I joined Barhale back in 2000 I was surprised and impressed how, when visiting sites, Chris knew the names of all the site team regardless of who they were. Further to that he made a point of having a chat with almost everyone on site about the job and also life in general. When he returned for another visit, which could be three or more months later he remembered things that were shared with him, for example if someone had told him their wife had been ill he would remember and would enquire as to how she was getting on, I think this demonstrates Chris' integrity perfectly. It certainly impressed me!

Terry Warrie - Senior Contracts Manager

During the 15 or more years spent working with Chris in the Eastern Region there was never a dull moment. He was always looking outside of the box for new technical solutions that could save on cost or improve safety. Although we weren't always sure where he was going with some of his ideas a great example of this was the drive to installing gravity sewers using horizontal directional drilling, Chris set up trials with 3 subcontractors to test tolerances, put a robust case to the client and ultimately purchased an HDD rig, which was crewed with the best team available. The resultant cost savings ran into millions of pounds over AMP4 and 5 and helped ensure the @one Alliance was commercially successful. This reduction in open cut work also massively reduced the risk of harm to our operatives.

Jon Brett - Commercial Director

At one time or another Chris has supported most of us in one way or another. Sometimes people simply use Chris to offload but often we want to benefit from his many years of experience. Chris has always been supportive in times of crisis and difficult situations. Three very pertinent events that spring to mind where Chris showed the depth of his support and dedication are the following:

- the passing of Karl Steers, a 32 year old agent who died after a brave but tough battle with testicular cancer
- the tragic day when Mick McGarell died of a heart attack while sinking a shaft in Lowestoft
- our worst Eastern accident Stephen Wagg, crushed in a trench

Chris was a support to the families of all three as well as all of the internal staff affected by the events. He truly showed how far beyond the call of duty he would go to support his team and the people around him. At one time or another Chris has given most people some sort of advice/support.

Thoughts from some within the Eastern Region

Chris gave me the opportunity to work for two years in the AW @One Alliance (2006-7) and then again for 18 months (2014-15). I greatly valued these opportunities to work with him in his team, learning from his vast experience and guidance, throughout these two 'outings' from the Southern Region. Barhale will miss his engineering experience, decision making, mentoring and level headed attitude. Hope you have a long and rewarding retirement, but please keep in touch with us.

Nick Piggott - Bid Manager

Barhale awarded Birmingham Resilience Raw Water Pipeline Contract

Barhale have recently signed the Birmingham Resilience Raw Water Pipeline contract with Severn Trent Water – a contract set to be worth £60m to Barhale over the lifespan of the project.



(Left to Right - Top) Brendan McNamara (Barhale Regional Commercial Manager), Simon Hinsley (STW Principal Sponsor) Daniel Foster (STW Commercial Manager Major Projects) (Left to Right - Bottom) Dennis Curran (Barhale Chairman), Dave Shaw (Barhale Regional Director), Liv Garfield (STW CEO), Helen Miles (STW Group Commercial Director)

At an overall cost of around £300m, this is not only the largest project Severn Trent have ever taken on, but also their most ambitious. This contract will support the works Barhale are currently delivering in the BNM Alliance with North Midland Construction on the Elan Valley Aqueduct (EVA).

For over a century, most of Birmingham's water has flowed down the EVA from reservoirs in the Welsh hills. The aqueduct needs maintenance to keep it in service, which means draining it for extended periods. The Birmingham Resilience Project will provide an alternative source of water during those maintenance periods and will be used for up to 50 days every other year. It will also provide a solution in the event of an emergency scenario such as an unplanned shutdown of the EVA. The water would be transferred via a 25 kilometre long pipeline from a new river intake at Lickhill, just north of Stourport, to Frankley Water Treatment Works in Birmingham, which is itself being upgraded to accommodate the new source of water.

Barhale's Raw Water contract, which includes the 25 kilometre long pipeline and intake pumping station, forms a key part of the overall project. This award follows a rigorous competitive process, in which Barhale were able to successfully demonstrate innovation and efficiencies to win the project. Whilst the overall project will run until March 2020, Barhale's section of the work will be completed by October 2018 in advance of any interface works that are required within the separate treated water contracts.



Barhale's New Website Goes Live

After a lot of consultation and hard work behind the scenes, Barhale's new look website went live on the 6th of June.

The stream-lined website is designed to:

- Look fresher
- Be more user friendly
- Interface with social media sites – enabling information to be shared instantly
- Be compatible with the latest browsers and mobile devices

This will provide Barhale with a functional platform, which more than matches our competitors.

The new website is a live system, allowing us the ability to quickly and regularly update the server with new stories and information, ensuring our website is constantly up-to-date and in keeping with our ever changing industry.

We would welcome your feedback and suggestions to help improve the website further. Any comments can be sent to Samantha Barratt.

Boosting Barhale's Social Media Profile



5179

1160

418

Barhale are proactively engaged in 3 different social media platforms: Facebook, Twitter and LinkedIn. While we have high numbers of followers on both Twitter and LinkedIn, our Facebook 'likes' are significantly lower.

The more likes and followers we have, the higher our profile we become in the social media world in line with our mission of sharing our success with our customers, our people and our supply chain

We would therefore like to encourage all of you to like and follow our social media pages if you have not already. We would also welcome suggestions for any initiatives, which could help raise our social media profile. Please send any suggestions to Samantha.barratt@barhale.co.uk

Over the next few weeks our communications team will be looking to appoint Regional Social Media Champions, who will help publish regular regional updates across all our social media platforms. If you are interested in this role please contact Samantha Barratt.

Rickmansworth Rail Bridge Replaced During Easter Weekend

Our project team at Rickmansworth undertook a mammoth 96 hour rail possession over the Easter weekend to successfully install a new rail bridge for Transport for London.

Rickmansworth station is an important hub on the outskirts of the TFL network, serving both London Underground and Chiltern Railways. Over 3 million passengers use the station each year, with countless more passing through the station on express trains.

TFL awarded Barhale the replacement contract because they had major concerns regarding the existing bridge structure, including:

- The capacity to resist horizontal loads
- Vertical displacements
- The load capacity of the old deck

Extensive enabling works were carried out in the months leading up to the possession, including:

- Strengthening the foundation to the west abutment through stitch piling
- The construction of a new reinforced concrete wall, founded on bored piles, to act as the new eastern abutment
- The construction of a temporary concrete slab and trestle inside the site yard, which is where the new bridge was stored prior to the possession weekend
- Highway modifications to allow the transportation of the bridge from the yard to the railway

The project team produced a detailed work programme for the 96 hour possession period, including contingency plans to ensure the works were completed safely and on time. As it turned out, these plans proved to be very necessary during a challenging weekend of works!

Not only did the Barhale team have to contend with the fury of Storm Katie, they had to overcome some inherited design issues, as well as using their own resources to bolster the manpower of other third parties, all of which added work to the programme. Throughout all this, in the face of adversity, the team demonstrated a tremendous hands on attitude to the works and a fantastic desire to provide solutions to the client through collaboration.

It took the team 35 hours to remove the old bridge deck and install the new one. They first had to demolish the top of the existing abutments and surrounding brickwork. Once this was complete, heavy lifting specialist ALE positioned their self-propelled modular jacking rig under the old deck to support the weight of the redundant bridge. A certified welder then burnt out the existing bridge to release it from the bearings. The bridge was lifted to the lay down area on the jacking rig.



Using a 95 tonne crane, pre-cast concrete blocks were then lifted in to position on top of the abutments. These would support the new bridge deck as they contained voids for the new bearings to slot into. Finally, the jacking rig lifted the new bridge deck off of the trestle within the lay down area and slowly travelled along a public highway, which had been closed off for the works. With expert precision the

bridge was gently eased into position on top of the new abutments.

Despite the high pressure nature of the works and the various obstacles they faced, the team managed to deliver the project safely and successfully with the rail possession handed back half an hour ahead of programme.



Replacement completed within a 96 hour weekend possession

Highway modifications were done to allow the transportation of the bridge deck





Recruiting Global Talent to Barhale

Contracts Managers Michael Faherty and Ovi Frunza from our Southern Region have been successfully raising Barhale's profile outside of the UK – with the aim of recruiting talented graduate engineers and quantity surveyors.

Michael went to the Galway-Mayo Institute of Technology in Galway, Ireland, while Ovi travelled to the Faculty of Civil Engineering in Iasi, Romania.

The pair each delivered a lecture to students, which provided an introduction into shaft construction, describing both caisson and underpinning techniques and providing an overview of the tunnelling methods utilised by Barhale. The lectures also showcased Barhale's contribution to world class projects such as; The London 2012 Olympics, Crossrail and Thames Tideway, providing students with the knowledge of tunnelling techniques and an insight into Barhale's activities and company as a whole. Barhale's expertise was further advertised to

future engineers, designers and quantity surveyors via the social media accounts of the two universities.

Following the lecture, students were invited to speak one on one with the Barhale representatives to discuss the possibility of joining the Barhale team. Suitable candidates were then invited to take part in formal interviews, which has led to the appointment of several engineers and one quantity surveyor in the Southern region.

Following the success of these lectures, both Michael and Ovi have been invited back to speak at the Universities next year, with the aim of further recruitment in the future.



Wishing Con Mulchinock a happy 70th birthday from all of Barhale



BCS Group Winning Work 2016 (Q4) Update

The External Sales Team at BCS Group is looking forward to finishing 2016 on a high and during Q4 we have had some high profile contract wins and orders. The following is a snapshot of some of the key contracts and orders that we have won in Q4.



Highway Barrier Solutions - £30k – Traffic Management Equipment

BCS Group have beaten off tough competition from Cusacks, Morelocks and Jones Signs to supply HBS with various signs and traffic management equipment for several schemes, high speed dual carriageway closures, contraflows and road closures in Scotland. A key factor of winning this order was our turnaround times as all stock needed to be delivered to a new HBS depot within 7 days from point of order. The Customer was very satisfied and we are in the process of pricing further works.



Mervyn Lambert Traffic Management Tender Win 2016/17

BCS Group have beaten off competition from Cusacks to win back MLP's traffic management requirements in East Anglia for the next 18 months. New product trials, supply chain links, quick turnaround times, improved service levels and our commitment to work with MLP on a consignment stock basis have helped us win this contract back. We are currently in the process of setting up a bespoke stock area to manage this contract and are reintroducing ourselves to the new MLP depot network.



HSS Hire Retained Contract & £180k Capex – Site Works Equipment

We have successfully retained our contract with HSS Hire for 2016/17 to supply site works equipment to their national depot network. We are currently in the process of delivering a high profile capex (£180k) of different barriers to their depot network and new distribution centre in Oxfordshire. Distribution status with market leading traffic management manufacturers has played a major role in retaining this contract as we continue to strengthen our supply chain and partnerships.



GAP Group £18k BA Safety Equipment (Survey & Safety Division)

We have successfully secured our first high value breathing apparatus order for GAP Groups survey and safety division. GAP Group have now increased their depot network to 15 depots and have been looking for partners that can not only supply them with the latest BA equipment but can also service it quickly. With our specialist trained technicians and in-house facilities we have now provided equipment to 10 of their depots with 5 more depots to deliver to.



Barhale Sponsor Annual Gaelic Football Event

Barhale recently sponsored an annual competition to encourage local youngsters to get involved in Gaelic Football. The day was organised by Wolverhampton based St. Mary's Gaelic Football Club.

Barhale's involvement in the day came about when it was discovered that a member of the Severn Trent Water team, who work alongside Barhale on the EVA scheme, is a member of St. Mary's Gaelic Football Club. Through conversation, it was mentioned that St. Mary's were looking to encourage younger players to get involved in the sport. Subsequently Barhale suggested contributing towards the event.

The day culminated in a "compromised rules" game between St. Mary's and the Wolverhampton Wolverines – a local Australian Rules Football Club.

The match took place at Aldersley High School, Wolverhampton (St. Mary's Home pitch), with St. Mary's running out eventual winners scoring 101 points to the Wolverines' 10.

As well as sponsoring the game, Barhale's contribution also went towards; promoting Gaelic football within the local community, engaging with local schools to provide regular training in the sport as well as providing "goodie bags" for all the children who participated in any of the training workshops throughout the day.



Barhale Foreman goes extra mile

While working on the St. Pegs Lane project in Cleckheaton, West Yorkshire, Barhale foreman Mick Firth went the extra mile to demonstrate our commitment to engaging with the communities, in which we operate.

Barhale's Head Office were contacted by the mother of a young boy who lives nearby to the work site wishing to commend Mick's actions. The young boy was apparently reluctant to go to school in case he missed what the team were doing with a crane, which had been brought to site to carry out specialist lifting operations. Witnessing this, Mick promised the boy he would take some photographs of the crane's operations so that he would not miss out on the fun! Having taken the photographs Mick then waited in the rain to pass the images on to the boy and his mother as they returned home on the school bus at the end of the day.

This is a fantastic example of Barhale people going above and beyond what is required of them for the benefit of local communities. Thank you for your tremendous attitude Mick!

Barhale Support Acorns



Staff from our Walsall office helped supported Acorns' spring fete on Saturday 23rd April.

The children's charity, which provides palliative care and support for children with life threatening illnesses, had asked if we would be able to donate items for their tombola stand – as we had done the year before. The team did not disappoint; as dozens of bottles were donated!

As the spring fete coincided with St. George's day, the team raised more money for Acorns by holding a dress down day and a red themed food sale.

Children Taught a Life Lesson

As part of the IOS alliance, Barhale Site Manager Michael Thomann and his team were required to install a first time sewerage scheme along Main Road in the Village of Toynton All Saints, Lincolnshire. As the works, which involved the installation of a gravity collection system, were directly in front of the local primary school, Barhale and Anglian Water saw this as a great opportunity to engage with the school to improve public relations and give something back to the local community.

The Alliance contacted the school about the possibility of presenting a specially devised 'Mad Science' assembly – which would outline the details of the project and provide an understanding of how the pipe network operates in a way that was fun and accessible for the children.



The assembly was an interactive presentation, which encouraged the children to think about how we keep the water flowing and the process, which occurs once a toilet is flushed. As well as getting the children interested in the work we do, the assembly was also used to highlight Anglian Water's "Keep it Clear" message, which explained that toilet paper and liquids should be the only things put into a toilet and that cooking fat and other oils should not go down the sink.

By promoting this message, the team believe they can encourage the children to become more conscientious about how they and their families dispose of waste materials – which will have a huge effect on the number of blockages our response teams have to deal with each year.

The team received a superb response from the children and the teachers!

Barhale sponsor Galway Golf Day

Barhale were the main sponsor at the Galway Association's Golf Day, held at Muswell Hill Golf Club on the 27th May. The Barhale team can be seen below.



Barhale Senior Planner Wins Gold on the Water



Barhale Senior Planner Alan Beecroft was part of the 4-man Great Britain team who won Gold in the head to head category at last month's European Rafting Championships in Slovenia.

Alan and his team overcame a strong Russian line-up in the final to cap a successful championships for Team GB, which saw them collect 4 Gold and 2 Silver medals across all categories.

The head to head category is one of the most visually exciting disciplines in rafting as it pits two teams together in a fast paced sprint for the finish line. The race takes place over a relatively short distance through rapid waters, usually taking teams around 2 to 3 minutes to run the course. The winner of each heat proceeds to the next round until just 2 teams remain for the final. There could be up to six rounds before a winner is crowned, so a high level of endurance is required.

Alan has been a member of the Great Britain set up since early 2015 when he was selected to represent team GB in both the 4 and 6 man events. The team train together twice a week at the Lee Valley White Water Centre in Stratford, east London (former site of the London 2012 Olympic Canoe Slalom event). Any evenings not spent on the water with his team mates are spent in the gym working on those all-important fitness and endurance levels.

Competing for Team GB allows Alan to travel across the globe. Last year the team competed in Bosnia & Herzegovina and Indonesia, next year's World Championships are being held in Dubai and the 2017 world championships are already scheduled to be held in Japan! Congratulations on your fantastic achievement Alan!



News from our People



Natalie Griffin, Engineering Technician and her partner **Lee**, have given birth to a baby boy; **Benny Lee** on Monday 22nd February at 05:13, weighing 7lb 2oz.



Joe Fisher, Site Agent and his partner **Jodie**, have given birth to a baby boy; **Albie Elliott** on Tuesday 17th May at 22:01, weighing 8lb 4oz.

Tender Awards Received Since March 2016

In Scotland, we have been award four projects for SPEN including the following:

- i. **Glenglass Control Building** - Construction of a new control building and associated civil works
- ii. **Kaimes Substation Civil Works Ph3, Edinburgh** - Demolition of various pieces of equipment and construction of new reinforced concrete bases.
- iii. **Galashiels Civils Tender** - Removal of 2 no transformers, construction of new reinforced concrete bases, new ducting and the installation of noise barrier housings.
- iv. **Pinwherry Primary Substation** - Removal of existing concrete plinth & construction of new plinth.

In the Northern Region, we have been award four projects as follows:

- i. **For National Grid** - Design and Build of Flood Protection Measure at Wincobank 275Kva Substation. Reinforced concrete wall to be abutted to the exterior of the substation switchgear building. Minor drainage works to reroute drains and seal covers. Flood doors to the building with interlocked alarms to both security desk and flood defence desk.
- ii. **For Severn Trent Water, we have been awarded three projects:**
 1. **Spoil Heap Removal, Frankley WTW.** - Spoil Removal
 2. **Birmingham Resilience Raw Water Pipeline Contract** (see p.8)
 3. **Newark Sewer Flooding Defences** - which will be delivered through our BNM Alliance with North Midland Construction, which is a multi-million pound investment to help protect homes in Newark from sewer flooding and ensure the town has a reliable water supply for many decades to come.
- iii. **Midland Metro Alliance** - has been awarded a ten year framework commencing 4th July to build the future Midland Metro tram extension across their region. The alliance comprises WMCA, Colas Rail, Egis Rail, Tony Gee, Pell Frischmann, Colas Ltd, Barhale, Thomas Vale and Auctus Management Group.

In the Southern Region, we have been awarded three projects:

- i. **Westbourne Park Sewer Connection for Sword Construction** - 2no deep manholes with a sewer connection on to a 1200mm tunnel which Barhale installed 2 years ago - working below the A40 dual carriage way.
- ii. **Aldermaston Wharf for Acorn Construction** - Construction of a new pump station to facilitate the construction of 11 new dwellings. This will include the installation of a wet and dry well as well as gravity and rising main sewers. Design and installation of all associated M&E works.
- iii. **FLIP - 110 Grove Green Road, London E11 for Eight20/SMB JV** - Dig a FLIP Chamber in the basement of a public house. Install a FLIP pump, pipework and reinforced concrete chamber and cover. Divert the existing sewer lateral through the FLIP pump to prevent flooding of the property.



Congratulations: To **Josh Bartimus** who married **Alisha Harris** on Saturday 4th June in Burntwood, Staffordshire.