

Autumn 2016

# Barhale *news*

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



**ROSPA**  
Gold Award

RoSPA Gold for Barhale



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# Welcome to the Autumn Edition of Barhale News



I am delighted to précis the many outstanding and positive achievements and events that have occurred since the Summer Edition.

Firstly, I want to thank everyone for the extremely warm welcome I have received throughout the business since joining on the 1st August. It has been an enlightening and refreshing experience to visit several sites in the Southern and Eastern regions. I have the utmost respect and admiration for the teams I have encountered across all operations and the commitment and genuine message has been one of positive progress towards meeting client and Barhale objectives and outcomes.

The optimistic and progressive mood within the business is tangible and our sustainable growth and development ambitions are well within our capability and reach.

Barhale's enduring values are visible in action amongst newer people as well as the longer serving employees. These values are an excellent set of parameters to guide us to long term success. They fit the business and the people within it so well and I am fully committed to energising them into daily activities everywhere within Barhale.

The Board are working on communication to reinforce how we advance our vision, mission, values and the linkage to our 3 Pillars model and operating matrix. We will consult with a number of people on this and I will update on our progress in due course.

We are fortunate that the hard work, commitment and ingenuity of our people has resulted in us receiving more awards, accreditations and commendations than we can go into in detail in such a short publication. For brevity, I will select only one from each of our 3 pillars, so as to not steal thunder from other articles.

Profit- we have been shortlisted by Severn Trent for their Supplier of the Year Award. This is an example

of our efficiency and the added value we provide to all our clients, which will enhance client and Barhale profitability into the future.

Safety- this central Barhale pillar is at the core of our company culture and values. While penning this note, I'm travelling to Glasgow to attend an event where Barhale will be presented with a ROSPA gold medal award- the highest possible safety accolade.

Environment- we have now achieved an Environmental Incident Frequency Rate of zero, which is an excellent achievement.

All of these outcomes are testimony to the exceptional people within the business- and we can be collectively proud that Barhale has been shortlisted in the Top Ten Construction Enquirer Best Main Contractor to Work For.

Delivering safe, TOTEX efficient and sustainably high quality projects on programme is what we are recognised for by our clients. This year will see significant growth in turnover and activity and we are actively refining both our structure and strategy to ensure continued growth and success for many years ahead. With significant new schemes such as the Birmingham Resilience Pipeline, Newark Sewer Flood Defences and Midland Metro Alliance Project coming on stream in the coming weeks. We have unique opportunities to reinforce our "source, train, retain" people agenda. I encourage and invite all of you amongst our skilled and diverse workforce to play your part in shaping Barhale's journey to advance our company mission.

**Matthew Behan**  
Chief Executive Officer



## Notification of Awards

Barhale celebrates another fantastic few months of prestigious awards:

### RoSPA Occupational Health and Safety Awards 2016

Barhale has been successful in the 60th year of the RoSPA Occupational Health and Safety Awards 2016. Achieving the Gold Medal award in the prestigious annual scheme run by the Royal Society for the Prevention of Accidents (RoSPA).



### Award Nominations

Construction Enquirer Awards - Best Contractor (£50M-£250M turnover category) to work for: Results to be announced at the awards night on 18th October 2016

### Severn Trent Water 'Awesome Awards' -

Nominated for Supplier of the Year: Results to be announced at the awards night on 20th October 2016

### Thames Water's Excellence in Health & Safety Awards 2015/16

Southern - Sussex Gardens Trunk Main Replacement: Health and Safety in Planning and Design Award



Southern - Brian Gillespie: Young Person of the Year Award.



Both our Park Lane team, under Ovi Frunza and our Optimise delivered Wembley Growth project under Shane Gorman came runners up for 'Best Practice in Health and Safety Collaboration.

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

## Welcome to the Barhale Team

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

### Eastern

**Ian Williams** Technical Manager, **Scott Meadows** Electrician, **Grant Webb** Skilled Operative, **Alan Collick** Site Agent, **Charlie Davy** Trainee Quantity Surveyor, **Thembinkosi Dube** Graduate Quantity Surveyor, **Leo Kearney** Design Manager, **Peter Rogers** Site Team Leader, **Nyasha Banda** Apprentice Electrician, **Jake Bennett** Electrician, **Jansen Broddle** Directional Drilling Ganger, **Wil Broddle** Directional Drilling Ganger, **Paul Clark** Electrician, **Harry Edwards** Apprentice Electrician, **Terence Meenehan** Ganger, **Martin Plumbridge** Electrician, **Sean Tobin** Apprentice Electrician, **Hassle Daniel** Site Agent, **Vernon Ingham** Quality Engineer, **Victoria-Ann Shaw** Commercial Administrator, **Kevin Shulver** Project Manager, **Dometa Uzusenye** Trainee Quantity Surveyor, **Owen Crozier** Mechanical Fitter, **Stanley Hankey** Ganger, **Steven Stapleton** General Operative, **Brendan Keeshan** Tanker/Combi Unit Driver, **Jack McDermott** General Operative, **Craig Spanswick** General Operative, **Ben Winter** Ganger, **Daniel Farr** Tanker Driver, **Janina Thomann** Project Co-ordinator.

### Head Office

**Matthew Behan** Chief Executive Officer, **Niamh Garner** HR Trainee, **Anita Chahal** Administrator

### Northern

**Christopher Thomas** Design Manager, **David Butler** Electricians Mate, **Phillip Hall** Forklift Driver, **Gary Jones** Grouter, **Peter Kileen** Grout Plant Operator, **Andrew Alfred** Loco Driver, **Gareth Owen** Banksman, **Gavin Pickard** Grouter, **Kevin Roberts** Belt Man, **Andrew Wilkie** TBM Electrician, **Mitchell Hands** Site Agent, **Christopher Lees** Environmental Lead Advisor, **Mahendra Alex** GC TBM Erector Operator, **Alyn Pugh** TBM Fitter/Fabricator, **Joanne Ramsey** Lead Quality Auditor, **Ian Horn** Fitters Mate, **John Lester** TBM Fitter, **Paul Edwards** Contracts Manager, **Martin Morris** Pit Bottom Chargehand, **Martin Stanier** TBM Fitter.

### Scotland

**Mark Mackay** Senior Quantity Surveyor.

### Southern

**Jose Lope** Site Agent, **Joseph Deloughery** Assistant Quantity Surveyor, **Mihai-Madalin Flocea** Site Engineer, **Calin-Mihai Spatariu** Graduate Site Engineer, **Mihai-Cristinel Alistar** Graduate Site Engineer, **Andrei-Vasile Axinte** Graduate Site Engineer, **Robert-Alexandru Chihai** Graduate Site Engineer, **Vasileios Chouliaras** Site Engineer, **Javier Lopez-Lorenzo** Site Engineer, **Ionut-Marian Turenschi** Site Engineer, **Alex Ennin** Quantity Surveyor, **Colm Dickey** Foreman.

### Yorkshire

**Michael Healey** Project Manager, **Hazel Noble** Senior Quantity Surveyor

### BCS

**Shawn Smith** General Hand, **Grace Haughton-Menuge** Administration Apprentice, **Jason McLoughlin** General Operative, **Kate Cunningham-Butler** Procurement and Sales Co-ordinator, **Paris Wallace-Auld** Accounts Apprentice, **Gareth Bromley** Logistics Co-ordinator.

### Barhale Response

**Bob Hook** Managing Director, **John O'Connell** Framework Manager, **Nicola Davies** Finance Manager.

### Internal Promotions and New Roles

Well done to all our Barhale People who are celebrating promotions and embarking on a new role.

### Promotions

**Andrew Currie** - Promoted to Internal Sales Team Leader  
**George Beeching** - Promoted to Head of Proposals  
**Scott Meredith** - Promoted to Site Engineer  
**Jordan Fieldhouse** - Promoted to IT Service Desk Engineer  
**Matthew Hill** - Promoted to IT Service Desk Engineer  
**Dermot Coughlan** - Promoted to Site Agent

### New Roles

**Robbie Clare** - Trainee Quantity Surveyor  
**Kerry Layland** - Assistant Quantity Surveyor  
**Natasha Gabriel** - Plant Co-ordinator  
**Amara Gill** - Trainee Buyer  
**Kelly Waters** - Marketing Co-ordinator



# Alwoodley Rising Main Replacement

Wigton Lane, Leeds – Value £1.1 Million

As part of Yorkshire Water's AMP 6 programme, our team in Yorkshire are currently undertaking a scheme to replace 930m of an existing rising main along Wigton Lane in Leeds. The overall scope of the works are as follows:

- The installation of a combination of 450mm and 355mm PE pipework laid at a depth of between 1.6m to 2m.
- Associated air valves and washout chambers.
- The construction of one 1.2m diameter pre-cast break manhole and one 1.2m diameter pre-cast connection manhole.
- The installation of 8m of 300mm vitrified clay gravity sewer where the rising main joins back into the existing sewer sewerage system.
- The temporary shutdown of Alwoodley pumping station to allow the final connection to be made while flows are diverted from the old cast iron main through the newly laid plastic rising main pipework.

The scheme is required to replace a section of the existing cast iron rising main, which currently pumps waste water from Alwoodley pumping station to the local waste water treatment works along Wigton Lane. The existing cast iron rising main has deteriorated over the last few years resulting in several bursts. Consequently, numerous emergency repairs have been required causing widespread disruption to the local residents, including road closures and diversions to the busy surrounding road network. The installation of the new main will prevent bursting and resultant disruption to the area.

The team are laying the new sewer on the opposite side of the carriageway to the existing sewer. This is so the existing sewer can remain live during the works, enabling the new rising main to be installed offline. The final part of the scheme will involve shutting down Alwoodley pumping station and diverting flows into the newly laid rising main.

The team have demonstrated a proactive, customer focused approach in solving several issues presented during the works. Ideally the scheme would have been completed under a full road closure due to the working space required. This suggestion was put to the local community via a poll, which concluded that the works must be carried out under 2 way traffic lights to keep the road open. The team have therefore had to exhibit very effective planning to ensure the works are sequenced efficiently and the limited space on site is maximised to its full potential, which has in turn, guaranteed the safety of all operatives and members of the public.

The area is known locally as 'Millionaires Row' due to the size and value of the properties along Wigton Lane. Access to the driveways of these properties have had to be maintained at all times by using lightweight plastic access ramps to span the open cut trench. The fact that the majority of these properties have two accesses has worked to Barhale's advantage, as it has allowed the team to block off one entry point while still allowing access to the property through the other. This aspect of the works has needed to be particularly well managed by the team, who have been in constant liaison with the home owners to ensure they are informed of the programme of works throughout the project. This has resulted in the development of good relationships with the local community, which has enabled a potentially intrusive scheme to run smoothly with complaints kept to an absolute minimum.

One of the best practices on the scheme is the use of Vertshores supplied by MGF. Vertshores provide a lightweight, innovative way of safely supporting excavations within certain types of ground, up to

certain depths. Due to the nature of the ground in Wigton Lane, the team have been able to utilise this product as a great way of advancing the excavation operation quickly, whilst providing the same levels of safety as the traditional sheet and frame methods. The team have also selected the use of foam concrete for the top 500mm of backfill prior to the laying of tarmac. This concrete can be poured straight into the trench, which speeds up the backfilling operation and also alleviates the risk of any potential settlement issues following the reopening of the carriageway.

Due to space restrictions on Wigton Lane, the site compound has been positioned approximately 1.5km from the main works. The team have therefore had to instigate detailed logistical procedures during the removal of spoil and the importing of new materials. All excavated material is transported by dumpers to a stockpile within the site compound, while all imported backfill materials are delivered to the site compound and transported to the work site by dumpers.

Work started on site on the 18th July 2016 and is programmed to finish by the end of January 2017.



## Developing Young Apprentices with the Eastern Region

CITB have been running Apprentice Workshops in Colleges throughout Eastern England. Barhale have had a strong track record of utilising apprenticeship schemes in recent years.



From left to right: IOS Electrical Manager Dave Cottam, Apprentice Electricians Sean Tobin and Nysha Banda and Bedfordshire CITB Apprentice Officer Melanie Taylor.

Our teams understand how much value apprentices can add to our business and how integral Barhale can be to their development within the industry. With this in mind, Barhale Operations Manager Barry Baird and Framework Manager James Ingamells visited Bedford College's Apprentice Workshop Open Day to see what they had to offer.

After helping CITB Officer Melanie Taylor carry out mock interviews with the students, both Barry and James were impressed with the quality and capability of the apprentices. They quickly agreed that the work Barhale undertake within the IOS Framework team would provide a suitably stimulating environment to promote development amongst such talented apprentices.

After the open day Barry sat down with the IOS Electrical Manager Dave Cottam to assess the CVs of several students to find the best candidates. This proved to be a tough task because the quality was so high, but they eventually selected Sean Tobin and Nysha Banda. Sean and Nysha were chosen not only for their academic and technical skills but also for the confident and positive attitude they each exhibited during the open day.

After leaving school, both Sean and Nysha spent 2 years studying theoretical and practical studies in Electrical installations at NVQ level 2, which Barry, Dave and James concluded would stand them in good stead within the Construction industry – particularly the work being delivered within the IOS.

Sean and Nysha are currently based out of the IOS' Great Billing Yard under the management of Dave Cottam. Since mid-July the apprentices have been with Barhale full time, working with electricians on private pumping stations, which involves the upgrades of over 600 pumping stations as part of the IOS contract. This has meant Sean and Nysha have gained hands on experience of; mcc panel changes, fitting new telemetry units, installing floats, kiosk swaps and the installation of new pumps. Since September 19th however as part of the apprenticeship programme, the pair have had to combine their on-site learning with studying for their NVQ Level 3 modules via day release with Bedford College.

As part of their on-going aim of succession planning and personal development, Barhale's Eastern region are hoping to maintain their apprentice recruitment policy, with a view to take on four (electrical and mechanical) apprentices per year for the foreseeable future. Barry Baird commented:

*"We have a strong future in front of us and for that to be sustainable we need to develop teams from scratch, which means the apprenticeship scheme is a big part of our plans".*



# BCS Group 2016 Autumn Update

## New Corporate Brochure

BCS is proud to announce the release of its new corporate brochure. The 20-page, full-colour document will be used to highlight our company's benefits, products and services to our customers - both existing and prospective. The team have spent considerable time on the layout and design to give it an aesthetically pleasing and eye-catching look. Use of bright and contrasting colours helps to attract attention on each spread, which sets the overall tone for the brochure.

"Our new brochure affirms who we are, what we do best and in brief, what makes us stand out," says John Lawson, Business Development Manager for BCS.

## Email Marketing Campaign

We are currently running a special offer on portable gas monitors in conjunction with Crowcon Detection Instruments. We are using the campaign to cross-sell related services including confined spaces training courses, safety equipment servicing and personal protective equipment (PPE).

Over the past month we have broadcast some 20,000 emails to both existing and prospective buyers to assist in taking market share. Social media advertising has also been used to raise awareness and further promote the campaign to our target markets. Watch this space for further mailshots and offers from BCS.



## West Midlands HAUC Roadshow

BCS exhibited at the 18th Annual West Midlands HAUC Roadshow on the 22nd September 2016 at Wolverhampton Racecourse. The Highways Authorities & Utilities Committee was established in 1986 as a forum for sharing technical information and advice with regard to street works and works for road purpose. The event provided the perfect platform for our sales team to network with clients, demonstrate new and innovative products and answer any questions on our training courses that relate to road safety.

## Procurement

# CIPS (Chartered Institute of Purchasing and Supply)

CIPS (Chartered Institute of Purchasing and Supply) is a globally recognised professional qualification, respected across many industries including construction and manufacturing.

There are 5 levels - certificate (entry), advanced certificate (practitioner), diploma (operational), advanced diploma (managerial) and finally professional diploma (strategic decision maker). Each level can take up to 2 years to achieve. On completion of the 5th level, the student becomes MCIPS qualified. CIPS study strongly focuses on areas such as contract performance, dispute resolution, supplier management, budgets, sourcing strategy, negotiation, cost analysis and of course CSR issues such as ethics, sustainability and HR Issues.

Currently the procurement team have 4 staff members studying at various levels, with a view to creating a team who can provide knowledgeable support to Barhale sites and divisions across the UK, not only from an operational and product category focus, but also a strong foundation of legislative adherence and best practice. The CIPS qualification is strongly supported by the majority of construction companies across the UK, particularly the Top 10, and the knowledge provided via this route is already showing positive results, especially when allied with knowledge and experience of long term staff who are qualified by experience.

Rachael Fletcher-Gabriel has commented "CIPS study has given me a broader understanding of procurement discipline as a whole and I am constantly applying this to my work, challenging and querying and trying to improve systems and processes wherever I can"



## Website Development

We have been working on the next phase of our website progression. An improved hierarchical navigation system will provide an efficient means of developing our online product portfolio for online marketing - now and ongoing. The better our site structure, the better our chance of higher ranking in the search engines. The new navigation system will also simplify user interaction.

A revised hierarchy has been mapped out that is both logical and simple and will form the foundations of our e-commerce platform for hosting a much wider product range.

## Barhale's New Technology Partnership

How this relationship will benefit Barhale

- Costs Optimisation**  
To control costs with the use of the latest tariffs, discounts and technology
- Integrity & Consistency**  
To do business with trust and honesty ensuring we meet the agreed service level agreement
- Service & Relationships**  
To develop a long standing and meaningful relationship between both our businesses
- Environmental Impact**  
To use technology to have a positive impact on the environment through flexible working and conferencing
- Reporting**  
To provide quality reporting and analytics to accurately review your account efficiently

To date this relationship has:

**Reduced mobile costs by 25%**  
**Increased our data capacity by 20%**

## pure

business services

About Pure

Our expert teams and bespoke telecoms and IT solutions are saving companies time and money and getting them working smarter and better than ever before. We share similar values in having fantastic people and a deep family culture at the heart of everything we do.

Business Update

Great news! We have partnered with one of the best & most recognised B2B Telco providers in the marketplace. Partner with a company that is simple & easy to do business with, but with the joint vision to help us combine flexibility in greater data & service benefits. We aim to create a partnership over the next 2-5 years that not only delivers on the above key points, but also shares some of our key values. Pure like us, is a business that prides itself on their people & how they support, care & develop them. Our relationship is ever evolving & although it is in its relative infancy, we are already beginning to see the benefits of this strategic partnership that I'm sure stand the test of time for years to come. Please all join me in welcoming Pure into our family.

Karl Woodward



## Barhale Team up with **Total Motion** as their New Fleet Management Provider

At the start of this year, we invited several companies to enter a tender process, in order for us to select our new fleet provider.



Primarily, we were looking for someone to help us grow, and it was imperative that we ensured that their values and policies were in line with our sustainability ethos.

Out of the 7 companies involved in the process, we decided to award Total Motion Vehicle Management the tender, based on several factors including philosophy, cost reductions and service. As of the 1st July this year, they are now providing us with a complete fleet management and funding process.

Total Motion are helping us to reorganise and restructure the entire fleet operation, focusing particularly on environmental impact, providing us with vehicles that have low CO2 emissions and high MPG – something that is very important to us here at Barhale. The aim is to get us to a point where the fleet is well balanced, in terms of credentials and the environment.

"We have completely future proofed the fleet policy. We have looked at it and made it simple. We have made it sustainable, so that no matter what happens in the market and industry, the policy is still applicable and workable." – Simon Hill, MD, Total Motion

In addition, Total Motion have also carried out 'Driver Workshops' for the Barhale team, introducing an Affinity Scheme, whilst also



advising on fleet policy and choosing the right company car.

As much of the work that we carry out involves delivering projects that are designed to improve the environment, it is important that we implement this in all areas of the business, and Total Motion are helping us do just that.

Total Motion have already helped us to create a platform and build the foundations for a sustainable future, helping with many environmental aspects as well as improved service, visibility, staff retention and staff benefits. We're looking forward to continue to working with Total Motion for a long time to come, as they help us to develop and grow.

## An update from Barhale Response

### Anglian Water's AMP6 MEICA Partners Framework

Barhale Response has been selected as a delivery partner by Anglian Water to provide MEICA services for the next 5 years. We will be working in collaboration with 5 other successful MEICA companies, as well as Anglian Water and other incumbent contractors who secured frameworks at the start of AMP6 at the beginning of 2015. These are exciting times and we look forward to contributing all of our great skills and experience to make this a truly successful venture - one to be proud of.

On Tuesday 6th September, as part of this new venture, members of the Barhale Response team attended an IOS Marketing Stall Day at Kingsgate Conference Centre in Peterborough. This was a great networking opportunity to exhibit our BIM, TOTEX



John O'Connell and Bob Hook

and process solutions capabilities, particularly the Stahler Wheel. The event showcased work from over 40 suppliers and contractors and included the latest designs from Anglian Water's Innovation Team.

### New appointments

Bob Hook has been made as Managing Director. This strategic appointment is being made as the business enters its next exciting phase of growth and development. Bob is responsible for providing Barhale Response with focused leadership to deliver against the targeted business plan.

John O'Connell has joined as Framework Manager for the Anglian Water MEICA agreement. John has a long association with the water industry and has project managed some of the largest schemes of their process type including SBR's, sea water reserve osmosis plants and extended aeration plants.

## A culture shift – Our BIM AIM

Our BIM journey recently culminated in us undertaking our inaugural cross-company BIM Workshop Review and it highlighted the strong and willing collaborative culture that exists across our group of companies, both on the supply side and on the client side.

The event was held over two full days at the head offices of Response Group in Ireland. The Response BIM Task Group organised the event on behalf of Response, Barhale Response and Barhale along with select invitees to take an open and detailed look at the progress and direction of our on-going BIM development program. The task was to more clearly identify our goals and thus focus and streamline our BIM development path into the future to better meet both our needs and those

of our clients. The Workshop hoped to generate a true sense of open co-operation and collaboration between all those in attendance which we believe was achieved in abundance.

The Workshop clearly highlighted the key cultural shift that must take place for BIM to work successfully and achieve its core aims of collaboration and co-operation. The workshops helped to develop a new BIM community as a direct result of the group synergy created. This indeed is a great development. This will now be the new starting point for the next phase of our BIM development.

Phase 1 has seen a strong focus on developing our 3D/BIM technology platforms and our adoption of the various BIM Standards.

Phase 2 will now see us develop our technology capabilities even further with the development of our Cloud based Common Data Environment where we will hope to carry out some truly

collaborative work on future projects. It will also focus strongly on developing our staff skill needs through a wide reaching programme of training and see us adopting more and more of the many BIM processes that must be taken on-board also as requirements of BIM Level 2.



Phase 3 will begin shortly to focus on the development of our Asset Management capabilities. The goal here is to best align our BIM development and Asset Management needs so that both strands are developed side by side to provide the best outcomes between these two systems and to have them acting as one inter-connected entity to achieve our AIM – our Asset Information Model.

# Colin Carter Celebrates 25 Years at Barhale!

BCS Driver Colin Carter has recently celebrated 25 years as part of the Barhale team. To mark this momentous occasion Barhale News caught up with him to find out more about his many years of service:

**Colin, you have been with Barhale for 25 years, starting off in the days of Barhale Equipment in Darlaston. Could you give us a run through of your career please?**

When I left school I trained as a plant fitter – a position I held for almost 17 years. After this I took a job as a lorry driver with Robert's of Wednesbury, a steel fabrication company. As memory serves, in around 1987, Robert's were taken over by Barhale and became Barhale Equipment. Barhale kept me on as a lorry driver and I spent the next 3 years delivering plant and equipment to their sites throughout the country.

After these initial 3 years with Barhale Equipment I took a bit of time away from driving to run a local pub for the year. I came back to Barhale Equipment in 1991, which eventually became BCS in 1999 and have been enjoying myself ever since!

So although I'm celebrating 25 continuous years with Barhale I've actually been here for 28 years in total!

**Could you describe a typical day in the life of working for BCS?**

That's a bit tricky as there isn't really a typical day at BCS! Part of the reason I like the place so much is because no two days are the same! One day I might be the other side of the country, the next I'll be running around the local area.

Take today for example; I had a couple of deliveries to make up in Gateshead in the North East, so I was up and out by 4:30am to ensure I made it to site nice and early. After that it was a couple of local ones closer to home to round off the day.

I tend to do the early starts if I know I've got a long drive ahead of me, or if I'm going to a job in London. With the London sites I try to arrive by about 7:30am to make sure I'm in before rush hour starts, then by the time I'm heading out everyone else is starting to go the other way...although that doesn't always go to plan!

**You must have seen a fair amount of change throughout the business since you joined, what would you say has been the biggest/most noticeable change?**

Obviously the biggest overall change is the size of the company now – to see how much it's grown over the past 25+ years is very noticeable.

That being said, the changes in technology over the past 25 years or so has probably been the most noticeable change in my view. To see how Barhale and BCS have changed with the times to become a well-oiled machine where everything runs properly. When I started with Barhale it was still largely a paper based company run on hand written notes and documents. We now have a

detailed computer system containing all the information you could ever need...if you want to see if an item of plant is in stock it only takes a quick search on the computer. It's also constantly developing – as an example; during the past year alone all the BCS drivers have been given automated, hand held tablets, which contain all the job notes and delivery information for the day.

**What do you enjoy most about being part of the Barhale/BCS team?**

The team spirit and camaraderie. It was there when I started all those years ago and it's still there now. I love being able to get out and about, catching up with various people on sites up and down the country while on my trips – there's always a good laugh to be had over a cup of tea on the sites! It's also nice to see friends and colleagues on site progress within the company – there are lads who I've seen start off digging holes at Barhale who are now foremen, works managers, agents etc.

I know some people might find this hard to believe, but I really do enjoy driving...even after all these years I still enjoy my job! I'll admit that driving in the cities can be a bit of a pain now and again, but I also get to see some of the most amazing scenery Britain has to offer. Driving across the Pennines and the Yorkshire Moors are two of my favourites...most people have to wait for their holidays to see places like those.

**I'm sure you have some great memories from your time here (whether all of them are suitable for print is another matter!) are there any instances that really stand out in your mind?**

There's not really one instance that stands out above the rest – it's always a laugh on site! When I used to drive the lorries I would often have to stay overnight at various places. That was always good fun because I'd meet up with other lorry drivers or lads from site and we'd go out for a meal and a few beers. Around 4 years ago I stopped driving the big lorries, which meant I stopped staying overnight. I do miss it, but it's nice to come home every night!

**What do you like to do most when you are not at work?**

Narrow-boating used to be one of my big passions. I'd spend most weekends either out on the water or maintaining it. Now-a-days I like keeping busy around the house – with DIY and gardening. I'm also into photography, which is probably part of the reason I love driving across the country enjoying all the amazing scenery...it's always nice to take a few snaps if I find myself in the right setting during my break.



## Southern Water Private Pumping Stations

### The importance of good teamwork...

BTU has carried out bespoke customer service training with all crews and the project team for this scheme, to help ensure we share objectives. The training includes assessing customer impact, creating positive first impressions, minimising complaints and obtaining positive feedback.

There is also a small customer liaison team based centrally at Havant, which is fully committed to providing a high class service to residents, as well as supporting the engineers and managers across the whole region from scoping stage to completion of the works.

### What feedback are we getting from our customers...?

Our project team and crews are receiving very positive feedback from residents. Here are a couple of examples of compliments received:

Mr Diamond, Canterbury: "Professional, courteous, informative and polite scoping crews. They look forward to working with BTU and Southern Water; we are a great pleasure to work with"

Mr Drake, Winchester: "I have nothing but praise for BTU and its engineers, who were efficient and courteous. A special thank-you to Jim Neil"

Our final external customer surveys have returned an average score of five out of five so far.

### What does the scheme entail...?

BTU has been tasked with improving private pumping stations at 601 sites across Southern Water's region. Work entails surveying of eligible stations and associated electrical kiosks to see if refurbishment and upgrading are required.

Private pumping stations, which have been installed by private companies and developers of residential or commercial properties, generally help remove wastewater from properties, which are lower than a main sewer.

### Why is this scheme so important...?

Due to changes in legislation nationally in the water industry, ownership of private pumping stations is being transferred to water service providers, such as Southern Water. From October 1st, Water utility companies will be responsible for the costs, maintenance, repairs and upgrade work.

### What does BTU have to do...?

Our BTU crews have been surveying and working on private pumping stations in all sorts of areas across the region, from driveways and roadside verges to gardens and overgrown land.

There is a lot of customer contact - we are liaising closely with the owners to explain about the benefits of transferring ownership and any necessary refurbishment works by us.



# Chipperlaigan Gas Insulated Busbar (GIB) Substation



Barhale's team in Scotland have successfully delivered all civil works, including a new access road and substation platform, at the new Chipperlaigan GIB compound in Ayrshire, Scotland for Iberdrola Engineering and Construction.

The works were required to facilitate Iberdrola's need to upgrade their Kilmarnock to Coylton circuit. This overhead line cable circuit runs north to south between Kilmarnock and Coylton with a 'tee' connection at the Chipperlaigan site, which enables the circuit to link to the town of Ayr in the west.

In order to accommodate a required increase in load flow, the existing cable at Chipperlaigan was replaced with a 275kV Gas Insulated Busbar (GIB) arrangement.

To enable Iberdrola to deliver the necessary cable replacement, Barhale's team, led by Site Manager David Nisbet and Site Engineer Michal Hermanowicz, carried out the following works:

- Bulk earthworks, including a full topsoil surface strip and granular build-up of the platform and temporary compound areas.
- Construction of a new access road, stretching from the existing road to the GIB compound.
- Construction of 44no reinforced concrete foundations to house the GIB compound equipment.
- Installation of new 600mm diameter pipes to extend existing culvert out with the new works.
- Installation of 56m of new 600mm x 600mm pre-cast cable troughs and covers.
- Oversaw the installation of a new earthing grid by a certified sub-contractor.
- Installation of new 3m tall palisade security fencing for a length of 320m around the perimeter of the new compound including vehicle and pedestrian gates.
- Construction of a new footpath around perimeter of the platform.
- Construction of new internal access road.

All works were carried out in a live environment. Several overhead lines spanned the new platform compound, along with two towers and a separate 275kV sealing end compound, which remained a live area in the centre of the new platform compound throughout the duration of Barhale's works.

To prevent the risk of damage to the existing cables and structures, Barhale employed the following steps on site:

- All works were carried out in accordance with GS6 (avoiding danger from overhead power lines) and HSG47 (avoiding danger from underground services).
- Slew and height restrictors were applied to all excavators working on site – with warning signs and hazard goal posts erected in high risk areas.
- Due to the close proximity of the live overhead and underground cables, the majority of the bulk excavation works around and adjacent to Towers XY 42/XY43 and the existing sealing compound area were carried out under a limited works certificate under direction from the stand by man.
- The team obtained the required SPEN training and competencies prior to works commencing.

The Barhale team were integral in ensuring interface with various stakeholders and third parties was successful throughout the project. The team worked closely with other contractors, including the Overhead Line Teams and Balance of Plant Contractors who each had to carry out work within the GIB compound at the same time as Barhale. The team also liaised successfully with a local farmer whose house and land were situated just a couple of hundred yards away from the compound entrance, which meant he too required constant use of the hardcore access road. To ensure these various site interfaces ran smoothly, Barhale helped develop a collaborative programme of works designed to suit the needs of all parties and maintained communication through regular meetings and on site discussions.





# Barhale Photography Competition

## August Photography Competition Winner Announced

We would like to congratulate Greg Reddy from our Eastern Region on his winning photo from the @One Alliance Lowestoft Resilience Project – this was a winner by an outstanding number of votes – so well done to Greg!

Once again, thank you to everyone who submitted votes and to all of you who voted!



## July Photography Competition Winner Announced

We would like to congratulate Mihai Spatariu from our Southern Region on his winning photo from Didcot – this was a very tight competition, in the end there were only 4 votes in it – so well done to Mihai!



## June Photography Competition Winner Announced

We are pleased to announce that following a week of voting, our 'Race for Life' ladies have won the June photography competition by a huge margin. Thank you to Sarah Scott for submitting the photo, well done to all the 'Pink Ladies' for completing the 'Race for Life' and thank you to everyone for submitting some fantastic photos.

*Pictured: Emma Desborough, Samantha King, Barbara King, Joanne Southall, Sarah Scott, Paula Gray, Sue Eckhoff, Jane Mead, Kelly Whitaker, Kelly Waters.*

The race took place in Sutton Park on Sunday 26th June and the ladies managed to raise an impressive £732.50 for Cancer Research UK.





## Awareness Campaigns

# If you really want to lend a hand, lend an arm

Giving blood saves lives. The blood you give is a lifeline in an emergency and for people who need long-term treatments.

Many people would not be alive today if donors had not generously given their blood.

We would like to ask the Barhale family and all our friends and contacts to consider becoming donors. It is a very simple process, which can make a huge difference to families in need.



One pint of donated blood can save up to 3 lives!

Give Blood locally – Find Your Nearest Centre at [www.blood.co.uk](http://www.blood.co.uk) or call 0300 123 23 23

## Recycle Week 2016 news round-up

Now in its 13th year Recycle Week was a celebration of all things recycling, with this year's theme being 'The Unusual Suspects'. A campaign to encourage people to think about all those items that often get forgotten about when recycling at home.

Barhale supported the campaign and our Environmental Manager, Amin Badruddin visited some of our Barhale sites to see what they were doing to recycle more.



## Didcot FWS (Foul Water Sewer) Project

The Didcot FWS project involves the design and build of a new foul sewer to serve the Great Western Park (GWP) development and other future catchment growth in Didcot.

The sewer will connect a newly developed area to the existing sewage treatment works in Didcot. The project value is £4.8m, works started in February 2016 and are expected to take 52 weeks.

The scope of works are as follows:

- Design and enabling works
- Provide a new Gravity Sewer to convey flows to Didcot Sewage Treatment Works (STW)
- Provide a new Inlet Sewage Pump Station and twin Rising Main to discharge flows into the raised Inlet Works
- Extend the Inlet Works to receive the additional flow
- Construction (and removal) of the temporary site compounds
- Landscaping and all reinstatement

There is currently a team of approximately 35 operatives and staff working on this project. Some of the most significant operations they are currently delivering are as follows:

### Shaft Construction

The team have successfully completed a total of 7 shafts through 2 different methods; jacked caisson and underpinning. The shafts are required to facilitate the micro tunneling operations and to serve as access manholes when the sewer is operational. The launch shafts are 6m in diameter, while the reception shafts are 3.6m.

The distances between the shafts along with their dimensions and overall locations have been designed with a view to optimize the construction cost. The design phase has taken into consideration stakeholder constraints while constantly adhering to British tunneling specifications – which dictate the maximum length of tunnel allowed for man entry.

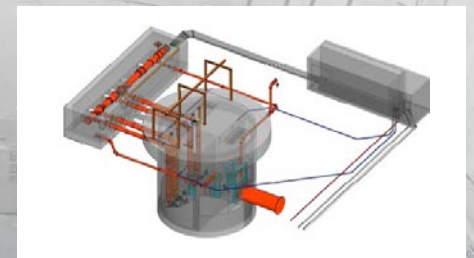


### Micro Tunneling

The micro tunneling operation is currently ongoing utilising both a 1200mm Akkerman machine (open face TBM) and a 1200mm Iseki machine (slurry TBM). To date, the team have successfully completed 3 out of the 7 micro tunneling drives, including an under track crossing (UTX). The longest drive overall is 220m. Ground conditions have presented the team with several obstacles on the project. The unexpected presence of water in the clay has been the biggest hindrance and has unfortunately slowed down the progress of the Akkerman machine. To remedy this issue, the Barhale team altered the design to allow them to use the Iseki slurry TBM for 2 of the drives which were originally due to be constructed by the Akkerman TBM.

### MEICA Design and Build

The project involves the construction of a 7.5m I.D. pumping station shaft, including two wet wells, four 37KW pumps, a new MCC Kiosk, rising main and the connection into the existing inlet tank. The MEICA design has been the main challenge. The reduced area for installation of the shaft, along with constraints on the existing treatment plant, have required the team to make numerous design improvements. The original scope, which consisted of 2 smaller shafts, was changed to a more economical design which now incorporates the wet well and the pumps in one shaft.



6m diameter launch shaft constructed through underpinning techniques



# New era in public transport begins as **Midland Metro Alliance** is formally signed

A new partnership to revolutionise the £1.2 billion construction of future tram routes across the West Midlands has been formally launched.



Richard Fostier, of Colas Rail, left, Phil Hewitt, Metro programme director for the WMCA, and Olivier Bouvart of Egis Rail.

The Midland Metro Alliance establishes a team of planning, design and construction specialists building four new tram extensions over the coming decade on behalf of the newly formed West Midlands Combined Authority (WMCA).

It consists of the WMCA, which owns the Metro, rail construction specialists Colas Rail – with Colas’ partners Colas Ltd, Barhale, Thomas Vale, which is part of Bouygues UK, and Auctus Management Group – and a consortium of design experts from Egis Rail, Tony Gee and Pell Frischmann.

The legal agreement formally setting the seal on the deal was signed at a ceremony in Birmingham on July 4 by WMCA, Colas, and Egis.

Jan Britton, chief operating officer of the WMCA, told representatives: “I’m really looking forward to seeing



this alliance come to fruition in a way that we haven’t seen delivered before.

“The idea that we work together as a team – sharing risk, sharing the rewards, sharing the problem – is deeply important and very impressive.

“I think we couldn’t have a better starting point for the work of the Combined Authority.”

Laura Shoaf, managing director of Transport for West Midlands, the delivery arm of the WMCA, said: “The expansion of Midland Metro is a long-term investment programme and absolutely key to the WMCA’s vision for strategic growth and regeneration.

“The devolution deal the WMCA has signed will help secure £4.4 billion especially for our growth strategy to make the most of the HS2 rail line arriving, and as part of that the alliance has a critical role to play to deliver £1.2 billion of schemes over the next decade.

“We now have the funding in place to really push on expanding the Midland Metro and it is the perfect time for us to introduce this new way of working.”

Richard Fostier, chief executive officer for Colas Rail, said: “We are very proud to be here today forming part of this alliance.

“It is a very exciting moment for all of us to have this fantastic opportunity to bring together our alliance skills and our global capabilities and experience for the benefit of the West Midlands.

“Colas Rail is committed to giving its best through the Midland Metro Alliance to ensure the delivery to the inhabitants of Birmingham and across the region of a first class integrated transport system.”

Olivier Bouvart, chief executive officer for Egis Rail, said: “A full integration between the owner, designer and contractor is the key to success for delivering complex urban transit systems.”

“We are very proud to put our 40 years’ experience in light rail systems at the service of the economic and social development of the West Midlands.”

The alliance is a shift from the traditional style of delivering major infrastructure, where contractors and designers are typically appointed on a project by project basis.

The agreement will see all parties in the alliance share the risks and rewards between them and will include a significant focus on how the partners work together and with stakeholders, businesses and the community.

The Midland Metro runs between Birmingham’s New Street Station and Wolverhampton City Centre, serving locations such as the Jewellery Quarter, West Bromwich, Wednesbury and Bilston.

Work is now underway extending the route from New Street Station to Centenary Square, with services expected to start running in 2019.

Funding has also been earmarked for the line to go further along Broad Street, past Five Ways and on to Edgbaston by 2021.

The route of an extension through Digbeth in Birmingham has also been chosen, running from Bull Street via Albert Street and on to the forthcoming HS2 high speed rail station at Curzon Street.

From there it would go along New Canal Street and Meriden Street into High Street Deritend, stopping at Digbeth Coach Station and the Custard Factory. It is anticipated the line could be open by 2023.

In Wolverhampton, permission has just been granted by the Government to begin work on the £18 million City Centre extension, with completion also scheduled for 2019.

The route will take trams along Pipers Row, stopping directly outside the bus station before continuing on to the railway station which will also be redeveloped as part of the Wolverhampton Interchange Project.

A business case is also being prepared to extend the Metro from Wednesbury to Brierley Hill.



Olivier Bouvart, front left, Phil Hewitt and Richard Fostier with the Midland Metro Alliance team on the steps of Victoria Square in Birmingham.



# Severn Trent confirms £60 million investment in Newark's pipes

Severn Trent has appointed the BNM Alliance to carry out work on its multi-million pound investment to help protect homes in Newark from sewer flooding and make sure the town has a reliable water supply for many decades to come.

The BNM Alliance comprising NMCNomenca and Barhale plc, will deliver the three year, £60 million project, to replace more than 20 kilometres of pipes, which will include a 2.8 metre diameter tunnel travelling beneath Newark's streets. Severn Trent's programme manager Tim Sawyer explains just how vital the work is for homes and businesses in the town:

"Newark is expanding rapidly and this is putting pressure on our ageing infrastructure. The existing water and sewer pipes in Newark have been serving the community for many years, but they are simply no longer able to cope with the extra demands being placed on them.

"The result is an increased risk of interruptions to our customer's water supply and, more worryingly, an unacceptable increase in the number of sewer flooding incidents. Sewer flooding is one of the worst things that can happen to our customers and we know that there are around 400 properties currently at risk of sewer flooding in the Newark area. This is not acceptable – and that's why we have to do something about it."

Severn Trent understands that a project on this scale will mean some inevitable disruption, but they will be doing all they can to keep it to a minimum. As Tim explains:

"We've already done lots of work to minimise the impact of our project across the town, consulting with community leaders in Newark who have helped us develop our plans. Where we can, we will be using the tunnelling machines to replace some of our sewers to reduce the need to dig up large sections of road, minimising the impact on local residents, businesses and traffic."

Commenting on the partnership with Severn Trent, Stuart Proud, managing director of NMCNomenca, a division of North Midland Construction PLC, added: "I am absolutely delighted that we are undertaking such an important scheme for our long-standing client Severn Trent. We both recognise how crucial this work is for the people of Newark and we will be working together to make sure we engage with the community every step of the way."

Dennis Curran, Chairman of Barhale plc further comments: "We are delighted to be part of the team to deliver such a strategically important scheme for Severn Trent Water improving the water and waste water infrastructure in Newark. This scheme will again give rise to engagement with the local community allowing a legacy to be left in Newark and the surrounding areas for many years to come."

The work, which will start later this year, will include a 2.8 metre diameter tunnel from Crankley Point sewage treatment works to the southern end of Millgate and a 1.5 metre diameter tunnel under Queens Road and Sleaford Road.



## Charity and Donation

## Pillars of our Community

Our people have been busy fundraising not only for our Company charity WaterAid, but also for good causes, consistently demonstrating our Caring and TeamSpirit Values.

### WaterAid

On Friday 9th September, Andy Flowerday, Managing Director, cycled a whopping 80 miles all in aid of WaterAid with Anglian Water and raising over £500. Andy was part of a great team of people from Anglian Water and their Partners - from fellow cyclists, organisers, marshals and generous sponsors, collaborating together for WaterAid, to raise funds to help some of the world's poorest communities take their first essential steps out of poverty.



### Donations

Our BNM Alliance team, with Severn Trent Water have donated £1500 to The Knighton Show and Carnival in Wales. The BNM Alliance team will be hosting a stall at the event on the 27th August where we will be showcasing our projects in the area and explain our achievements and future plans to the local community.

We have a great relationship with the town, and to date have captured the attention of over 150 locals by showing them around the sites and explaining the works we are delivering.



### Alzheimer's Society

Congratulations to Barhale's Natasha Downen who completed the Cannock Chase Memory Walk and raised an impressive £350 all in support of the Alzheimer's Society.

The walk took place on Sunday 4th of September through the forest and Country Park, Natasha completed the 3.5km walk with her husband and other family members on behalf of her mum.



### St Gemma's Hospice, Always Caring

Congratulations to Barhale's Paul Dunnill who works for the @One Alliance for Anglian Water for completing the Asda Foundation Leeds 10K; helping to raise money for St Gemma's Hospice, a charity close to his heart.

Paul took part in the 10k run on Sunday 10th July and raised a total of £105, all of which will help St Gemma's Hospice to continue providing the best possible care and quality of life for local people with cancer and other life threatening illnesses.

Good luck to Deborah Davies (Framework Manager) and Andrew Dempster (Quantity Surveyor) who will be taking part in the Leeds Colour Run 5k on Saturday 1st October 2016.

If you would like to show your support and sponsor Deborah and Andrew, please email Katy Marchant (katy.marchant@barhale.co.uk) who will be compiling the sponsorship forms.

### Volunteer Day

The volunteer day was organised by Turner & Townsend, which followed up two previous collaboration events organised by Barhale, with the aim of helping to strengthen relationships and understanding amongst the teams in the sewerage networks stream.





## Barhale Southern Host Their Own European Championships

France and Brazil may have each played host to rather large sporting events over the past few months...but we think it is safe to say the highlight of this summer's sporting calendar took place on the 9th of July at the Lucozade Power League 5-a-side football pitches in Watford!

8 teams containing the crème de la crème of European talent (along with literally tens of fans) flocked to the arena to take part in Barhale Southern's 5-a-side European Championships. The day was a terrific example of the diversity and TeamSpirit enjoyed throughout Barhale, with squads from the following nations battling it out for the trophy and the bragging rights:

- England
- Poland
- 2 teams from Romania ('Romania' and 'The European Union')
- 3 teams from Ireland ('Eire', 'Ireland' and 'The Irish Young Boys')
- and a Joint Venture between Portuguese and Spanish members of the region ('The Iberian Alliance')



The day was expertly organised by Southern Operations Manager Tony Boyle. Upon arrival at the tournament this writer was shocked to note Tony wearing jeans and a smart polo shirt proclaiming that he "would not be playing this year"...this assertion lasted all of 5 minutes before the shorts were on, the boots were out and the elbows were sharpened! Tony quickly went on to show that class is most definitely permanent by hammering home the goal of the tournament; a thundering Gerrard-esq strike from 25 yards out!

After both winning all 4 of their group and knock-out matches, England and The Irish Young Boys squared off in the final. In a good old-fashioned, full blooded match, the benefit of home advantage paid dividends with the host nation running out eventual champions. The final score line of 10 – 1 certainly did not tell the full story of a very even game...nevertheless, the trophy and the plaudits belonged to England!

## News from our People

### Congratulations to...

**Thomas Fitzpatrick**, Scottish region Plant Operator, and his partner Michelle, who gave birth to a baby boy; Tom on Tuesday 16th August, weighing 8lb 2oz.



**Emma Wright**, BCS Sales & Marketing Co-ordinator, welcomed her son Henry Louis Turner. Born Thursday 8th September 2016, weighing: 6lbs 9oz.



Eastern Region's IOS **Chris Rudd** and his partner Cara gave birth to baby boy, Brody who weighed in at 7lb 13 oz. Both mother and baby doing well

**Daniel Bennett** and partner Becky got married on Friday 16th September and held reception at Pavenham golf club in Bedford. Dan has worked in Eastern Region for last 2 years.



**Woollen District Bowling Association Knockout Cup**  
Well done to **Paul Messenger**, Yorkshire Ganger/Pipelayer and is son **Harrison** who won the Heavy Woollen District Bowling Association Knockout Cup, one of the oldest established leagues in the country.



### Barhale Golf Society Day

On the 13th of August and 3rd of September, Barhale had their 1st and 2nd summer golf days of the year at Thorpe Wood GC in Peterborough and The Warwickshire GC in Leek Wootton. Both days were a great success with over 20 golfers attending on each day. Players were made up of employees from all regions plus customers, suppliers and friends & family. The winners on the day were as follows...

**Thorpe Wood 13/08/16** – Winner was **James Thompson** with 37 points (James is a friend of Brian Charlton of the Eastern region) 2nd with 36 points was **Terry Leverton** (Terry is also a friend of Brian's) 3rd with 35 points was **Kleo Louka** (Kleo is a friend of Dominic McDermott of the Eastern Region). See photo of Brian Charlton presenting the BGS Trophy to James Thompson

**The Warwickshire 03/09/16** – The Winner with 40 points was **Michael Faherty** of the Southern region, 2nd with 33 points was **Nolan Sewter** (Nolan is a friend of Kieron Mulchinock who works in the Eastern Region) 3rd with 31 points was **Patrick Hayden** of the Southern region. See photo of James Mulchinock presenting the BGS Trophy to Michael Faherty.

