

# THE WET END

WJ Groundwater's In-House Magazine

wjgl.com

Have you read our latest SHEQ Newsletter? Contact Steve Cooke or your line manager for a copy!

## INTRODUCING THE CONRAD DRILL

WJ Groundwater's latest addition to its fleet of rigs is settling into the job with aplomb. The Conrad 500, known to us affectionately as Conrad, is Dutch manufactured and has many modern capabilities that will enable our team to complete projects that up until now have been slightly beyond our reach.

The technology has a Tier 4 engine making it completely compliant with the permitted EU emission standards. The new rig offers improved operator interfaces, meaning that with the Conrad the need for the manual handling aspect has been eliminated. Now that we can drill larger and deeper holes we hope to see an increase in the type of projects that require the increased diameter.

### DID YOU KNOW...



...WE HAVE A NEW OFFICE OPEN IN CANADA!

### ALSO FEATURING...



TEAM FRANKIE'S AND BAMBOO BIKES



IPSWICH FLOOD DEFENCE SCHEME

## WJ MANAGING DIRECTOR'S MESSAGE

Happy New Year and welcome to the 30th edition of the Wet End. 2017 promises to be an exciting year for WJ Groundwater. In December 2016 we signed the contracts for projects in Istanbul, Turkey and Toronto, Canada. This means that the company now has operations in seven countries. The operations in the Middle East continue to thrive and our business in Poland has now successfully completed projects in three separate cities. In the UK we will be busy as the Tideway project gathers pace and we should see the completion of a long held ambition of the directors for the business to own it's operational yard, workshop and storage facility which will help secure the future of the company.

I'd also like to welcome all the new-starters that have joined WJ Groundwater over the last six months.

A very big welcome from all of us and we all whole-heartedly wish you a successful career with us.

As always Christmas and New Year has been a great time for unwinding and spending team time enjoying all that goes with the season. See our blogs for updates on what's been happening over Xmas in Poland and the Middle East. Here in the UK, our teams had a some amazing nights out.

Stuart, Danny and Martin from our Clipstone Yard are cautioned by Nottingham Police for causing a breach of the peace by wearing some vile matching Christmas jumpers (see picture, right).

I wish you all a great 2017! Thanks for all your hard work in 2016 in making us the growing success we are at WJ Groundwater. The future looks bright!

**RICHARD**



Find out what we do at [wjgl.com/what-we-do](http://wjgl.com/what-we-do)

## UK UPDATE IPSWICH FLOOD DEFENCE SCHEME

WJ Groundwater's Tom Stockman oversaw a project to enable the installation of new flood gates on the River Orwell in Ipswich. We are working closely on the Water and Environment Management (WEM) project with our client Volker Stevin Ltd (VSL). Ipswich is prone to flooding and this new £21 million flood defence scheme will prevent surge tides and high river flows overwhelming the city.

The main tide gate is built within the cofferdam installed across the river by VSL. To enable the excavation within the cofferdam, WJ operatives installed a deepwell dewatering system. The system is designed to control groundwater levels in the gravel beneath the river bed. The system has been running to specification since November 2016 and the excavation is now well under way.



THE WET END is designed and edited by [windsorcopywriting.com](http://windsorcopywriting.com)

Contributors: Ula Markowicz, Richard Fielden, Paul Turner, Artur Bienek, Allan Calpito, Shankar, Stevyn Harris, Tom Stockman, Tony Tomory and Windsor Copywriting.

## TEAM FRANKIE'S AND BAMBOO BIKES

**T**eam Frankie's has reached out to their cycling friends, Boogali Bikes in Uganda, to donate kits and apparel. This valuable gesture is helping to promote the joy and importance of cycling all around the world and in communities where poverty and unemployment may be high.

Located in Uganda, Boogali Bikes is a group of young men and women who race on bamboo bikes. They hand make their own bikes from carved bamboo components. The group owners do this as a way of providing employment to the youths and to keep them away from crime and harmful drugs.

[facebook.com/Bamboobikesuganda/](https://facebook.com/Bamboobikesuganda/)



Follow Team Frankie's at [facebook.com/teamfrankies](https://facebook.com/teamfrankies)



## POLAND UPDATE STAR OF THE SEA HOTEL, WLADYSLAWOWO

**S**ince September 2016, WJ Groundwater has been hard at work on a dewatering project at the Star of the Sea Hotel in Wladyslawowo in northern Poland. We were commissioned by MEGA SA, one of Poland's largest contractors, to undertake dewatering works required to aid the construction of the prestigious hotel located on the coast of the Baltic Sea. The development is some 200 m away from the sea shore and close to the town's fishing harbour. When complete the hotel will enjoy World-class views across the water.

The works are expected to have been completed by February 2017. By then engineers from WJ Groundwater's base in Poland will have enabled excavation in dry and stable conditions for the construction of a two-level underground car park. The dewatering system comprise of the 8 deepwells connected to the central control cabin. The groundwater levels in two piezometers are monitored automatically using transducers connected to the data logger. In the course of the excavation unforeseen ground conditions were encountered and WJ designed and installed a system of wellpoints to support the deepwells.

For more WJ Groundwater news updates visit [wjgl.com/blog](http://wjgl.com/blog)

*"We are happy to report that all likely challenges have been met head on with success, and we look forward to seeing the results when the construction of this wonderful hotel is complete,"*  
said Artur Bienek, Manager, Poland.



## QATAR UPDATE TRAINING

**W**J Groundwater in Qatar focuses on the neuroscience of selling.

The management and sales team signed up for 'Team Working International's (TWI)' training course on 'Dynamic Selling Skills', that took place back in August at the Fraser Suites in Doha. The training was conducted by TWI's Tom Flatau, and featured an introduction to neuroscience and how the human brain works. Then later sections included ways to apply neuroscience to our already established sales techniques at WJ Groundwater. Attendees were also shown how to develop their confidence further and to practice public speaking.

The two-day workshop consisted of group activities, presentations as well as role-playing situations. A lot of topics were discussed, with everything from the 1% rule to asking the so-called 'pain questions' coming under their scrutiny. It was a very informative training course, which concluded with the group gaining new knowledge, helpful skills to master, and some very tasty biscuits.

***'The two-day workshop consisted of group activities, presentations as well as role-playing situations.'***

Among the participants were WJ Middle East's Overseas Director Paul Turner, Operations Manager Govindaswamy Shankar, and Engineering Manager Allan Calpito (pictured).



**CHECK OUT THE WJ BLOG FOR MORE  
NEWS FROM THE EAST...**

[wj-me.com/blog](http://wj-me.com/blog)



## CANADA UPDATE

**W**J has recently opened an office in Toronto, Canada. Toronto is a fast growing city with a limited public transport network that is finally getting some much needed attention.



Toronto is in the midst of acquiring some huge investments into infrastructure, including a massive \$9 billion underground rapid transit line, the Eglinton Crosstown. The tunnelling for the project has just been completed and station construction is underway. Some stations are to be constructed using mined techniques – a technique never used in Toronto and one very familiar to WJ Groundwater though our work on Crossrail in London.

WJ has secured dewatering work at Laird Station, one of the longest stations on the line. There are more underground stations in the works, and we are confident and well positioned to secure dewatering work at more stations on the Eglinton Crosstown and other upcoming infrastructure investments in Toronto.

## WJ GROUNDWATER'S PEOPLE REVATHY NAIR AT IMPERIAL COLLEGE, LONDON

**A** great success story is news that our (former) engineer Revathy Nair from the Dubai office has secured a place at Imperial College, London. She has worked hard to be selected to study for an MSc in Soil Mechanics and Environmental Geotechnics. Revathy will be based at the South Kensington campus for the next year.

As you may know, Imperial College London is one of the top universities in the world with a very well respected Civil Engineering department within the industry.

***"The course is very interesting and useful to my on going career in engineering and to have gained a place at Imperial College, London is a dream come true for me. Around 2000 hopefuls applied for 250 places on in the Civil Engineering faculty from countries across the globe. On my particular course there are only 40 of us. Meeting people from all around the world has been the best part of coming to London,"*** said Revathy.

For more information about Revathy's Msc in Soil Mechanics visit here:

<http://www.imperial.ac.uk/civil-engineering/prospective-students/postgraduate-taught-admissions/geotechnics-cluster/msc-soil-mechanics/>

<https://www.imperial.ac.uk/study/pg/civil-engineering/>

