



## July 2011

# Annual Awards Special

On 15th April the United Kingdom Society for Trenchless Technology held its 17th Annual Dinner & Awards Ceremony at the Holiday Inn, Birmingham. Attended by around 165 guests from a national array of companies and trenchless organisations the evening was conducted by toastmaster, Norman Brown, and compered once again by the well known environmentalist, presenter, broadcaster, photographer & author, Chris Packham.



### Drain Trader Exhibition

- Initiatives for 2011, e.g. Rail Industry focus, attendance at RailTex

Presenting the Awards for the eighth consecutive year, Chris Packham and his friend, the 6 week old Red Fox, entertained the diners with his usual stylish opening address, revealing much about the life of his 'companion' for the evening as well his future. Opportunities were offered to name the Fox. Chris then gave an overview of the short-listed award finalists. As in previous years, awards were given for 5 categories.

The event was sponsored by H50, Drillline Products Ltd, Jacobs, Severn Trent Water, Sembcorp Bournemouth Water, U Mole, Waterflow plc, Wessex Water, DCT and Pipe Equipment Specialists.

In common with other similar events, UKSTT also operates a charity draw during its Annual Dinner event. This year, in keeping with the policy of choosing a UK based charity, the chairman's choice was The Lighthouse Charity – The Construction Industries Charity. As well as raising money, the collection also offers a prize, this year the Draw prize was an Amazon Kindle. The event raised a total of £1,260.



Following the Award Presentations, the after-dinner entertainment was provided by John Archer, a comedy magician. The evening was rounded off by the usual visit to the bar & a major networking opportunity for the gathered guests.

The 2012 Annual Dinner and Awards ceremony will again take place at the Holiday Inn, Birmingham on 27 April. Details will be available from the UKSTT offices shortly.

Don't forget to start thinking about which entries you will be making for next year's Awards.

As part of the evening's 'entertainment' Colin Tickle, the current UKSTT national chairman, and owner and manager of Drillline Products Ltd, brought guests up to date on the workings and progress achieved over the past year by UKSTT as well as information on his Charity this year. This included:

- information on our current initiatives, e.g. University undergraduate promotion programme, Training Partnership with Develop
- the UKSTT representation on National Committees, e.g. SBWWI Private Sewers Forum, BSI Committees
- UKSTT Patrons
- Events supported in 2010, e.g. No-Dig Live, HAUC, IWO
- Events proposed for 2011, e.g. International No-Dig, Underground Construction Conference & Exhibition, The



For more information visit [www.ukstt.org.uk](http://www.ukstt.org.uk)

## Can work today be an Award Winner in 2012?

### UKSTT Annual Dinner & Award Ceremony – 27th April 2012

For more information visit [www.ukstt.org.uk](http://www.ukstt.org.uk)

## Award Winners

### 1. Renovation – Large (>£250k)

#### Subterra

United Utilities are refurbishing their old trunk mains network, to minimise their contribution to downstream water quality issues. This paper describes how Subterra successfully addressed United Utilities' challenge to extend the insertion range limit of the Subline close-fit PE lining technology, to help reduce scheme costs and minimise environmental impacts.



#### U Mole, a division of Vp plc



An innovative and unique pipe bursting system, utilising drill assist to allow insertion of the bursting rods through collapsed pipes, is used to



replace under-track culverts through a section of embankment on the West Highland Line rail track between Glasgow and Oban, Scotland.



#### Waterflow plc

In a world first, Waterflow installed 100m of their new In-Flow Liner systems in a 1.9m diameter trunk sewer, working in 600mm live flows, 100m from the nearest access point and 17m below Oxford Street, Europe's busiest shopping district. This 100% reusable and recyclable liner was installed using existing manhole access only.



### 2. Renovation – Small (<£250k)

#### Insituform Environmental Techniques

When the existing Culloville stone culvert in Carrickmacross became unfit for purpose the consultant engineers asked specialist trenchless companies for a recommendation to rehabilitate it. After looking at

available options IET proposed the use of GRP lining. We designed and installed this lining solution and it has proved successful with an extremely satisfied client.



#### Lanes Group plc

A tight corner: The sewer renovation programme by SW Water threw up some major logistical and planning challenges: with tricky access and narrow streets you could barely get a vehicle down. But the expert reline crews from Lanes cracked it, renovating a staggering 1000 metres of sewers in just 17 weeks.

#### Onsite Central Ltd



A 55 year old crumbling AC sewer supported by piers and routed along a cutting on 'God's Wonderful Railway', presented an opportunity, to design a trenchless solution that would allow for a myriad of geo-locational forces acting upon it, whilst ensuring longevity of renovation at least cost and utmost safety.



### 3. New Installation – Large (>£250k)

#### J Murphy & Sons Ltd

J. Murphy & Sons Limited is principal contractor for a 54.5km pipeline project, requiring 44 crossings and 29 tunnels. Innovations in trenchless technology and thorough project management have delivered financial and programme effective solutions. Bespoke HSEQ systems, supported by various initiatives resulted in an impressive H&S record and environmental achievements.



#### Terra Solutions Ltd

Terra Solutions Limited, in partnership with SIAC construction carried out 1.2km of micro-tunnelling operations through a busy residential area in Howth, North of Dublin, in both 600mm and 1000mm diameters.



The €4.1 million project faced many challenges including changing ground conditions, however in spite of these delays the project was completed three months ahead of schedule.



**U Mole, a division of Vp plc**

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**4. Small Scheme (<£50k)**

**Lanes Group plc**

It could have been worse: Fortunately Joe Public spotted a leaking pipe bridge sewer in Cheshire and began a chain of events which saw the Lanes Group mobilise its renovation crew within 24-hours — and come up with a creative solution which saved the watercourse from a pollution peril.



**Wessex Water, Onsite Central Ltd, Prokasro**



The geology beneath Bournemouth town centre presented a problem, when Wessex Water found a metal rod through a sewer 5 metres below a major shopping precinct, which was frustrating the one ended liner of a structurally defective sewer. Innovation came to the rescue when manufacturer, client and contractor worked together.

**5. Innovation**

**J Murphy & Sons Ltd**



J. Murphy & Sons Limited is principal contractor for a 54.5km pipeline project, requiring construction of 44 crossings and 29 tunnels where trenchless technology has been utilised to deliver cost and time effective solutions. Several environmental initiatives, including a materials management plan and effective carbon accounting have also been utilised.



**Kobus Services Ltd**

The KOBUS Pipe Puller is an innovative new way to remove water supply and communication pipes, both the long and short connection, replacing them with new MDPE pipe by pulling the old pipe out and bringing the new in behind to replace it in a single action.

**Water flow plc**

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**6. Young Engineer**

**Alex Aulds, Wessex Water**

I work for the Wessex Water rehab team providing no dig solutions for the business. My job combines the planning, design and supervision of trenchless technology installation. One day of my working week is spent at University where I am studying for a civil engineering degree.



**Liam MacFarlane, Wessex Water**

I work for Wessex Water in the role of a pre-graduate Engineer. I am undertaking a Civil Engineering degree at the University of West of England which allows me to enhance my knowledge and enable me to carry out my role to extremely high standards set by me and Wessex Water.



**Brian White, Farrans Utilities**



I work as the Design & Enabling Manager for Farrans Utilities on the Water Mains Rehabilitation Framework on behalf of our client Northern Ireland Water. Per Annum, I manage the design of approximately 230Km of new and replacement water mains ranging from 63mm to 600mm diameter for projects across all of N. Ireland.

# Awards Results in Summary

Category	Sponsors	Winner	Highly Commended
<b>Renovation Large (&gt;£250k)</b>	Jacobs & Sembcorp Bournemouth Water	Waterflow plc Oxford Street Mid-Level 1TSM	Subterra Subterra's Subline breaks through new frontier on the Vyrnwy U Mole, a division of Vp plc Pipe Bursting Systems with Rotational Assist in Scottish Rail Culvert Replacement
<b>Renovation Small (&lt;£250k)</b>	U Mole (a division of Vp plc) & Wessex Water	On Site Central Ltd Corsham, an innovative scheme of which Brunel would have been proud	Insituform Environmental Techniques Carrickmacross Stone Culvert Rehabilitation Lanes Group plc Renovation on the Riviera
<b>New Installation Large (&gt;£250k)</b>	Severn Trent Water & Waterflow plc	J Murphy & Sons Ltd West East Link Main (WELM)	Terra Solutions Ltd Dublin Bay Contract 5.1b U Mole, a division of Vp plc Pipe Bursting Systems with Rotational Assist in Scottish Rail Culvert Replacement
<b>Small Scheme (&lt;£50k)</b>	H50	Wessex Water, Onsite Central Ltd, Prokasro Robotics mitigate disruption to Bournemouth Town Centre	Lanes Group plc Pipebridge Pollution problem solved
<b>Innovation</b>	H50	Water flow plc Oxford Street Mid-Level 1TSM	J Murphy & Sons Ltd West East Link Main (WELM) Kobus Services Ltd KOBUS Pipe Puller
<b>Young Engineer</b>	UKSTT	Brain White, Farrans Utilities Enabling Management	Alex Aulds, Wessex Water Cleansing one of the deepest inverted siphons in the South Liam MacFarlane, Wessex Water Bath Asparagus saved from the Menu



Sponsorship of articles including your company details and logo, can also be included at the following rates:

**Banner** (max. 3cm high)      **£100**

**1/4 page** (Not on front page)      **£250**

For more info, please contact [admin@ukstt.org](mailto:admin@ukstt.org)

## WHO'S WHO?

For details of UKSTT council officers and staff please check the web site [www.ukstt.org.uk](http://www.ukstt.org.uk) or contact the team at Leamington Spa on 01926 330935