

PRESS RELEASE

18 April 2006

Fourth Year for May Gurney at Trenchless Awards

May Gurney Utility Services collected more trenchless technology awards at the prestigious annual UKSTT dinner on 31st March at the Holiday Inn, Birmingham. May Gurney won two out of the seven categories presented at the Annual Awards Dinner for 2005/06.

The Small Renovation Project Award was presented to May Gurney for its approach on the rehabilitation of the distribution network around the Marazion Marshes, a highly sensitive environmental area of Cornwall for South West Water.

The second award was for their utilisation and trialling of Polymeric High Build (PUHB) on Asbestos Cement water mains, also for South West Water.

Les Metcalfe, Mains Rehabilitation Manager, South West Water said, "This was a superb evening for May Gurney and I congratulate the May Gurney team".

This will be the fourth year that May Gurney Utility Services have won awards at the UKSTT Dinner and the second consecutive year that two awards have been presented, last year Becky Gabriel won the Young Engineer award and the team also won the Small Renovation award for their approach to customer care on a sewer renovation project.

May Gurney Utility Services' Director Ian Edwards said, "It's a credit to the dedication of our planning and construction teams that the company has collected yet another handful of awards at this year's UKSTT dinner. At May Gurney we look to improve our levels of services to clients and their stakeholders across the utility markets and believe the use and development of trenchless technology continues to bring the benefits of driving down costs, reducing traffic disruption and offering a sound environmental approach", he added "we don't intend to stand still, no doubt you will be seeing us again next year!"

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May Gurney have been very active in the water mains and sewer rehabilitation markets for years and is constantly seeking new challenges to further develop the application of trenchless technologies in the market place.

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Notes to Editor

Environmental Best Practice across the Marshes

In June 2004, a District Metering Area (DMA) of Marazion in Cornwall, famous for its unique St Michaels landmark, was selected after a desktop feasibility study, as priority for water mains rehabilitation.

May Gurney Utility Services worked in Partnership with South West Water to ensure that throughout the construction planning and operational works various method statements and risk assessments were written and agreed by the team with the environmental stakeholders and client.

For the rehabilitation of the distribution network around the Marazion Marsh's pro-active extensive safety and environmental briefings were given to the whole project delivery team, including not only project supervision management but also site teams through the adoption of toolbox talks.

This approach proved very successful with the agreed methodology being understood by all involved and helped to develop a teamwork culture, committed to not only the use of trenchless technology, but how it could be best adapted to suit the environment and challenges of the project.

The total 10-kilometre water mains rehabilitation scheme were successfully carried out during the summer of 2004 and completed by the early part of October that year.

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The site excavations were carefully backfilled and since vegetation has been re-established over the last six months at these locations, there are no signs that work was ever carried out; a real tribute to the successful and flexible adaptation of right trenchless technology.

May Gurney Utility Services have been forging ahead with South West Water to 'Put the sparkle back into water', a Water Mains rehabilitation programme in Devon and Cornwall.

The investment programme is being driven by the Drinking Water Inspectorate (DWI), who has demanded that water companies in the UK meet or exceed standards imposed for the quality of potable drinking water to customers; this includes the reduction in discoloured water incidents caused by iron deposits carried in the water.

May Gurney have been very active in the water mains and sewer rehabilitation markets for many years and constantly seeking new challenges to further develop the application of trenchless technologies in the market place.

Tackling Asbestos Cement Water Mains Replacement

South West Water approached May Gurney for the trialling of Polymeric High Build (PUHB) on Asbestos Cement pipes in Cornwall due to our involvement in water mains rehabilitation activities. In particular, we have identified a need to better address the challenges set by the requirement of clients to renovate or replace Asbestos Cement (AC) water mains.

These AC mains require replacement primarily due to leakage or unacceptable burst frequencies; both of these factors contribute to poor levels of service for asset owners. These service levels include high leakage, unplanned interruptions to supply and discoloured water complaints, not to mention disruption caused to local residences, highways and environmental impact.

Currently the Health and Safety Executive (HSE) perceive that the potential health risks associated with AC water mains is low, as they are buried and therefore seen as a dormant problem (see comments below). However, this may shortly no longer be the case as water

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companies become increasingly proactive in improving their performance. This is because improvement in leakage and water quality, driven by implementation of Distribution Operational Maintenance Strategies (DOMS) is likely to lead to investment in the rehabilitation of AC water mains.

Use of a spray HB Lining process will address many of the issues and concerns raised in this paper. The spray Lining has the potential to offer considerable enhancement to the structural integrity of the AC mains and provide a cost effective and environmentally friendly solution.

The system does not need to have extensive works undertaken to reconnect services as the spray Lining passes across ferrules without blockage and therefore mitigates the need to remove these as part of the rehabilitation process. This has considerable benefits by reducing unnecessary exposure to the AC mains while the works are undertaken and enables lower unit costs & reduced social disruption.

May Gurney's pipeline rehabilitation team believe that the industry will be better served by using the *new generation of HB Linings* that not only address existing water quality problems caused by bitumen coating associated with AC mains, but the benefits it offers in enhancement of the structural integrity of the water mains. The HB Linings will be applied in varying thickness from 1mm to 5mm dependent on the integrity of the host pipe to reflect the structural enhancement needed. It fast too, with the advantage of re-commissioning possible on the same day, due to the fast cure of the Lining, "hard to touch" within seconds and cured within one hour!

Validation testing continues to ensure that the application spray HB Lining for the rehabilitation and structural enhancement of Asbestos Cement Water Mains can be regarded as a new and proven trenchless technology option for the future.

About May Gurney

May Gurney delivers integrated construction services through five industry focussed service streams – Infrastructure Services, Highway Services, Rail Services, Utility Services and



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Building & Asset Services. The company, which has 3,200 employees across the UK, focuses on long-term partnered contracts with public and private sector customers.

For further information on May Gurney go to www.maygurney.co.uk or contact Naomi Taylor on 01603 727480 or email ntaylor@maygurney.co.uk