



## Ouseburn Barrage

Byzak has a contract with Newcastle City Council to develop the design for the proposed Ouseburn Barrage - a navigable lock and weir structure to be built across the tidal Ouseburn river near to where it joins the River Tyne.



The Ouseburn Valley, close to the heart of Newcastle, has a rich industrial heritage, and the barrage would help the regeneration of the area by maintaining full water level for the river at all states of the tide. This will encourage the re-development of waterside areas for business, residential and leisure uses. For this contract Byzak is joined by Design Consultant, Entec who has been involved in previous feasibility studies for the Ouseburn Valley. Byzak's Project manager is Ian Foster. If design and cost proposals are acceptable to the City Council, construction of the barrage would commence later this year.

## New Starters

Byzak welcomes the following staff to the North East:

Andy Gustard	<i>Site Agent</i>
Stephen Galvin	<i>Sub Agent</i>
Steven Hewitt	<i>CAD Technician</i>

## Workington

Plant installations are now being made on the £3.5m Odour Control contract for United Utilities at Workington Wastewater Treatment Works where Dave Feist is Site Agent. The photographs show the Carbon Filter and Leg 3 of the field duct work.

## SVCP Sub Programmes

Two more sub-programmes of work have been confirmed under the Scottish Water Small Value Capital Projects framework. Data Quality - Sensor to Screen (S2S) testing in the North East of Scotland (£300k) continues the Telemetry Expansion programme of the last two years. Secondary Chlorination (£300k) is for the supply and installation of "Vortex" tablet chlorinators and security cabinets, on the roofs of 22 service reservoirs in the North East area. The purpose is to boost the residual chlorine levels within remote network service reservoirs.



## Rescue Team Training

The River Exe tunnelling contract requires rescue teams to be available at all times. Five members of the Byzak site team have completed this arduous training with Devon Fire and Rescue Service: Charlie Sharkey, Tim Parker, Nigel Donoghue, Dave Hilton and Jonathan Edwards. The photographs (left) show the 'real life' rescue simulations experienced by the team at the Training Centre. More people will be trained as the contract continues, ensuring rescue cover for the double shifts that are planned.

## Brokk is Here

Byzak Plant has taken delivery of a Brokk 330, a specialist compact, tracked, robotic machine manufactured in Sweden for use in situations where heavy duty capability is required but noise, access, atmospheric conditions and vibrations may be problems. Because the Brokk is electrically powered and remotely controlled, health and safety issues of hand arm vibration syndrome (HAVS), toxic atmospheres and confined working areas are avoided.



A range of attachments is available including milling heads, percussive breakers, hydraulic crushing jaws, and excavating-loading buckets.



The Brokk is seen here being trialled at the Bromborough WwTW sites before being sent to Lymptone in Devon to assist with shaft excavation for the River Exe Tunnel Crossing. Mark Henderson is the trained operator.