

Clean Water Mains Replacement Programme

BROWNE

KEY PROJECT DETAILS

Client	Thames Water Utilities Ltd /SMB		
Value	£12m per annum		
Project Start	April 2015	Project Finish	March 2020
Location	North London & Thames Valley Region		
Works	AMP 6 Mains replacement programme		



/// Work carried out in Woodford

J Browne is working with SMB and Thames Water to replace leaking clean water mains in North London & Thames Valley Region. We have been working in Central London locations such as Redbridge, Haringey, Highgate and Westminster and have delivered over 100km of mains in the both the London locations and Thames Valley up to December 2019, targeting full mains and communication pipe replacements to reduce leakage targets within DMA's located in Swindon, Reading, Oxford and High Wycombe over the past year. The programme in 19/20 years will continue in the Thames Valley and London through to the end of the AMP

The scope of works includes:

- Early Contractor involvement with SMB to ensure we contribute at the planning stage to deliver best value for Thames Water customers
- Design input at planning stage
- Walking routes and providing pre-construction surveys, assisted replacement method selection with designers and budgets
- Early liaison with Local Authorities and other stakeholders
- All Traffic Management planning and enabling activities
- Delivery of mains replacement using various agreed selected methods with no dig techniques considered first, reducing customer impact through shorter programme durations, environmental reductions in waste via less excavated arisings and targeted delivery of projects at a lower cost.

- No-Dig Techniques were utilised in over 80% of mains installations
- Diameters ranging from service pipes up to 180mm/250mm diameter including full reinstatement activities
- Quality control of all electro fusion joints using the Control Point system which gives us a third-party assessment of all welded joints to target leakage & non-conformity,
- Challenges include targeting zero outage to ensure that customers water supply are always maintained with zero disruptions considered when connecting and commissioning new mains and supply pipes, keeping customers and road users informed of the status of the works at all times by our Customer Liaison Officers, improved signage, increased publications and letter drops

Our personnel are experienced and well trained with qualifications including NRSWA, SMSTS, National Water Hygiene Card, CSCS, Confined Spaces. We have worked for Thames Water for many years and fully adhere to the 3 Zeros health safety and wellbeing philosophy. We are currently members of Thames Water's Wholesale Water Safety Leadership Forum and work to all Thames Water's Essential Standards. We provide occupational health checks for all staff on an annual basis as well a full Employee Assistance Programme including mental health counselling:

All our staff have been through the Company's behavioral safety programme to ensure that safety becomes second nature.