

PETER JINKS

General

Full Name:	Peter Matthew Jinks
Profession:	Water Engineer
Date of Birth	8 January 1961
Years with Firm:	6
Nationality:	British

Key Qualifications:

Peter has been working in the water industry since 1980. He has wide-ranging experience in aspects of water supply and distribution networks, especially design and construction of repairs and installations on a water distribution system. Training of leakage control method and theory. His experience includes:

- Hydraulic analysis of distribution projects
 - Distribution network design and rehabilitation
 - Training and supervision of Leakage control (including all leakage detection equipment)
 - Training and supervision of construction works (including road safety)
 - Customer Care
 - Non-Revenue Water (NRW) reduction
 - Network operations and maintenance
 - Training of Mains and service location techniques
 - Distribution network mapping
 - Leakage and construction management
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Employment and Project Record:

2004 – Present **Construction Specialist & Leakage Trainer - WSO (PNG) Limited.**

Client: EDA RANU. Papua New Guinea. Key tasks and responsibilities include executing construction installations of a high quality workmanship and the training of local contractor. The training of leakage detection techniques which include: Leak Noise Correlator, Acoustic Noise Logger, Main and service detection techniques, Direct/indirect leak noise sounding techniques, Mapping techniques, Step test procedures and record keeping, Customer Care and dealing with Customer Complaints, Training local staff on Problem Solving, Assist with the Developed of a works management system to deal with Leakage, Construction Contractor's and Store Stock Management. , Assisting on all aspects of the NRW activities.

2002–2004 **Construction Specialist - Bristol Water Services Limited, UK**

Client: PABW Sdn Bhd, Malaysia. Non-Revenue Water Reduction project. Key tasks and responsibilities to carried out Meter installation and leak repair audits, identifying contractor's errors and rectifying. Author of construction

manual covering all aspects of the construction activities. Training courses conducted covering these subjects.

Client: Eda Ranu: Port Moresby NRW Pilot Project. Key tasks and responsibilities include training local construction contractors on Zone Meter installation, leak repair work and sluice valve replacement and any other construction related work. Leakage detecting techniques and equipment training was carried out successfully and helped to obtain all targets that gained the Phase II project.

Client: PABW Sdn Bhd, Selangor, Malaysia. Construction Department Training, Selangor, Malaysia. Devised a training need analysis and carried out an assessment of the training required for the local staff.

Client: PABW Sdn Bhd, Kedah, Malaysia. Key tasks and responsibilities include identifying problems with the existing working practice including quality of workmanship and techniques. Construction training, NRW meter installation design and repair work. Record keeping and the design of a construction database.

1999 - 2002

Senior Leakage Inspector, Selangor, Malaysia - Bristol Water Services Ltd, Bristol

Client: PABW Sdn Bhd, Malaysia Seconded to PABW Sdn Bhd, a joint venture of Premier Ayer Sdn Bhd and Bristol Water Services Ltd as Senior Leakage Inspector for the Selangor State Non-Revenue Water Reduction Phases I and II projects. Key tasks and responsibilities include training new staff on leakage detecting techniques, establishing a new leakage department and identifying potential NRW zones. Leakage detection training, mapping and all aspects of NRW related work.

1980 – 1999

North West Water/United Utilities PLC

Systems/Network Controller: Leak repair work, new meter installations, rehabilitation of the mains network, service pipe replacement schemes and all maintenance repairs within the Construction Department on the water distribution system. Planning and carrying out construction related work, maintaining a quality standard of workmanship. Pressure and flow surveys (using a variety of equipment) including Spectrascan Pressure/Flow Loggers, Vernon Morris pressure recorders (wax graph), DTS units for monitoring minimum night flows (nightline). Metrolog recorders and Technolog software. Analysing flow/pressure data to identify and maintain leakage levels. Responsible for the installations of large diameter trunk main monitors, insertion of aqua probes (Quadrina), mains profiling, internal mains measurement techniques and Blockage factors, Velocity, cross sectional areas calculations.

Leakage Inspector: Setting up new zones (DMA) to comply with the UK government regulations. Monitor and Maintenance on existing zones and planning of leakage detection work required to effectively manage the leakage level at a cost effective rate. Pressure monitoring in all zones and Pressure management implication as a permanent form of leakage control, with critical pressure points to monitor and to enable optimization, also provide a standard of service to all customers within that zone. All Sounding techniques such as Direct/indirect sounding, Leak noise correlation, back siphon technique,

Education:

National certificate in water engineering (water and waste water operations), Bolton College, 1997

City & Guilds certificate in water bye-laws, 1997

City & Guilds certificate in street-work excavation and reinstatement, 1998

Languages:

	Speaking	Reading	Writing
English	Mother tongue	Mother tongue	Mother tongue