Workshop Session

IT Issues and Solutions for Water and Sewerage

Work management systems, data capture approaches including metering and field tools (Scott Casey).

Practical limitations of a corporate environment – how to ensure a focus on best outcomes for water and sewerage services with the broader organisation driving choice of systems (asset management, GIS, finance, HR). (Alan Kleinschmidt).

Customers – customer engagement/ systems, customers business drivers and systems positively influencing customer behaviour (David Brooker)
IT Issues and Solutions for Water and Sewerage

Each speaker – 10 minute introduction

(a) Delegates’ experiences – organisationally and with specific processes and technologies. What works and doesn’t what they are considering now and in future. Other information to help others there identify people they could be talking to help with due diligence/ evaluating possible options, or potential collaborators.

(b) Preferences/ ideas for follow up which could include
- Specific reference groups - meetings/ teleconferences/ video links
- Message boards/ emails
- Vendor briefing sessions
Work Management Systems

Presented by Scott Casey
20 August 2015
Content

• Background
• Drivers for change
• The need for this workshop
• The current situation
• Discussion
• Reticulation network maintenance primarily reactive.
• Movement towards scheduled preventative maintenance.
• Ageing assets with deteriorating condition.
• Limited field data available or performance monitoring and reporting.
• Additional statutory reporting requirements: DEWS move to annual reporting and the October 2015 deadline for the first report.
• Separate SCADA system.
• Double handling of data.
Drivers for Change

• More stringent reporting requirements needing accurate operational data.
• Improved productivity through scheduled preventative maintenance and efficient use of resources.
• Targeted spending through enhanced decision making based on accurate field data.
• On site access to system data (GIS).
• Streamlining processes to eliminate double/triple handling.
• Urgent need for asset replacement programs e.g meter fleet, hydrants.
The need for this workshop

Move from REACTIVE to PREVENTATIVE maintenance
The need for this workshop

Move from REACTIVE to PREVENTATIVE maintenance

- Efficient use of resources.
- Accurate data capture.
- Access to corporate systems (drawings, asset data).
- Freeing supervisor time.
- Performance monitoring.
- Reporting.
- Data integration.
- Scheduling and prioritisation.
The need for this workshop

and more than just WORK MANAGEMENT…………..

• Smart water metering.
• Level monitoring in sewers.
• Better use of SCADA data.
• Capture of operational data from treatment plants.
• Level monitoring in sewers.
Discussion

• Does anyone have similar issues / experiences?

• What has worked well / poorly?

• Do you have information / contacts to share?