

# Maintenance

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City West Water

# ASSETS



City West Water



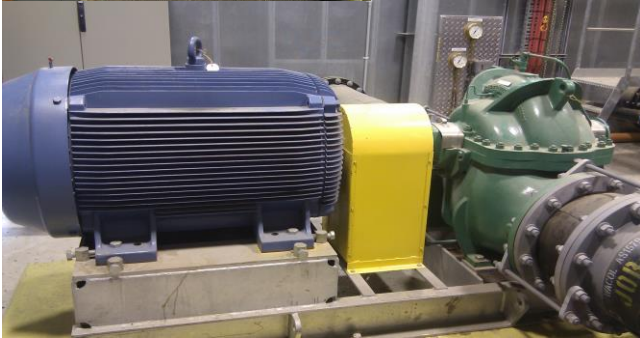
# ASSETS



City West Water



# ASSETS



# ASSET OVERVIEW

Water Mains	4,650 kms
Sewer Pipes	4,130 kms
Alternative Water	110 kms
Water Valves	36,800
CWW owned Hydrants	6,400



# EXPENDITURE

## Maintenance 2013-2014:

Responsive:	\$17.3 M
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Preventative:	\$6.8 M
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Condition Assessment:	\$3.0 M
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# STRUCTURE

Responsive Maintenance GL Account 3144

Project Code (example)

1000731	Repair Burst Water Mains
1000712	Clean Sewers
1000718	Purchase and Dispose of Backfill - Sewer
1000730	Purchase and Dispose of Backfill - Water
1001725	Investigate Faults - Fire Services



# STRUCTURE

Preventative Maintenance GL Account 3143

Project Code (example)

1000581	Prevent Corrosion - Water
1000604	Clean Retic and Transfer Sewers
1000708	Planned Shutdown Large Water Mains
1000583	Maintain Valves
1000585	Investigate Asset Leakage - Water





# STRUCTURE

Condition Assessment GL Account 3142

Project Code (example)

1000592	Assess Condition of Water Mains
1000603	Asses Condition Retic and Transfer Sewers
1000590	Asses Condition Water Tanks



# Delivery Method

Responsive:

Key Issues

24 X 7 Operational Control Centre

Activities categories and priorities

Activities allocated to asset number

Contract Labour

K.P.I's

IT Systems

Data Capture

Safety



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# Delivery Method

Preventative and Condition Maintenance

Key Issues

Generated via Asset Performance

Activities allocated to Asset Numbers

Projects planned and defined

Various Contracts (Competition)

Financial Tracking

IT Systems

Data Capture

Safety



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Maintenance is a waste of resources



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Unless



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STRATEGY

KNOW YOUR ASSETS

UNIQUE IDENTIFIERS

DEVELOP MAINTENANCE QUESTIONERS

ASSET DATABASE

MONITOR PERFORMANCE

REVIEW



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# What's next

Improve Co-ordination between:

Preventative Maintenance and Responsive Maintenance

Other Authorities

Automatic job allocation based on skills, location



Thank You



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