

ASSET INVENTORY SERVICES

The quickest way to realize a return on investment in Drinking Water Asset Management is to **inventory** your water distribution system and **assess the information and physical condition** of your valves and hydrants.

Information gathered during the initial two steps of an Asset management Program leads to real and demonstrable cost savings.

Flying Blind Takes Time. Time Means More Damage.



Large Duration
Large Footprint

When a main break occurs, if a valve cannot be found or operated then you back up to the next valve, and so on until you are able to isolate the water flow.

The duration in this case, consists of visits to 12 valves in order to isolate the main and a footprint of 74 customers out of water.

Valves:

- | | | |
|---------------------------------|---------------------------------|-------------------------------|
| 1. Box Filled with Debris | 5. Box Filled with Debris | 9. Valve Covered Over |
| 2. Valve Covered Over | 6. Cannot Locate Valve | 10. Valve Usable Upon Arrival |
| 3. Valve is Usable Upon Arrival | 7. Valve is Usable Upon Arrival | 11. Valve Usable Upon Arrival |
| 4. Valve Covered Over | 8. Valve Covered Over | 12. Valve Usable Upon Arrival |

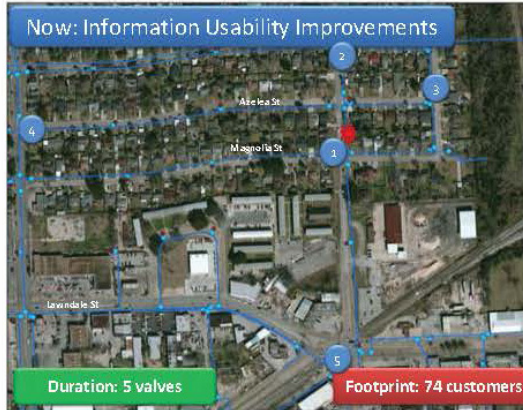
Information = Power
Power = Speed
Speed = Efficiency

Flying Blind Takes Time.
Time Means More
Damage.

Reduce the
Consequences of Failure
Through Improved
Information

Combining Improved
Information with
Improved Asset Usability
Further Reduces
the Consequences of
Failure.

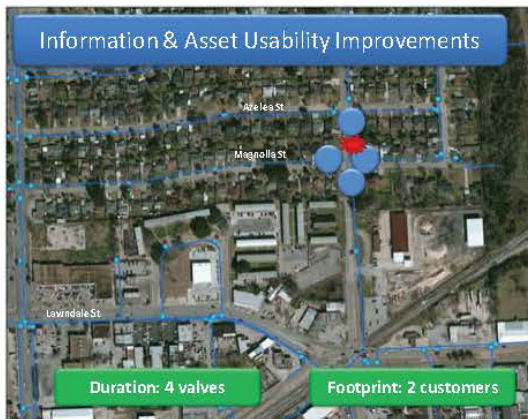
Reduce the Consequences of Failure Through Improved Information



Short Duration
Large Footprint

With Improved Information – knowing which valves work and which don't... the main break isolation can be accomplished in far less time by going to and operating the five (5) valves that are known to be usable – and skipping those that are covered over, filled with debris or cannot be located. The consequences of failure are significantly reduced by minimizing the time required to obtain the shut.

Combining Improved Information with Improved Asset Usability Further Reduces the Consequences of Failure.



Short Duration
Short Footprint

Investing in Inventory and Condition Assessment, followed by Repairs, results in the greatest return on investment. Improve your utility's response time to emergencies by harnessing the power of Information and having it readily available for your planners, engineers and field operations staff.

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