



ArcGIS for Water Utilities Update

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Agenda

- **What is ArcGIS for Water Utilities?**
- **Demonstrations**
 - **Nighttime Flow Analysis**
 - **Leak Logger Analysis**
 - **New & Improved Leak Investigator**
 - **Isolation Trace App**
 - **Water Inventory Reports**



ArcGIS is a Platform

Making mapping and GIS available across a water utility

ArcGIS Includes ArcGIS for Water Utilities

Configures ArcGIS for water, sewer and storm water workflows

- **Free**
- **Fully supported**
- **Continues to be developed**
- **Maintained by Esri**
- **Open sourced on Github**

ArcGIS for Water Utilities Mapping Portal Configuration

- Instructions
- Group Structure
- User Roles
- Sharing Permissions
- Icons
- Banner Graphic Generator

ArcGIS Online for Water Utilities



A model implementation of ArcGIS Online that will help you configure the cloud-based mapping platform in your water, sewer, stormwater.

Map Template by ArcGISTeamLocalGov
Last Modified: August 19, 2013

★★★★★ (15 ratings, 653 downloads)

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Description

[ArcGIS Online](#) is a cloud-based mapping platform for organizations. From anywhere on any device, web browser, or desktop application, you get access to dynamic, authoritative content to create, collaborate, catalog, and share maps, data, and applications with members of your organization or the general public. Organizations can subscribe to this secure platform and use it to manage, create, store, and access hosted services, maps and applications.

To help you leverage this cloud-based mapping platform, we've developed a model ArcGIS Organization. This model implementation will help you set up an ArcGIS Online subscription for your utility. At the same time, the model organization will provide a pattern you can follow to leverage this cloud-based GIS platform to manage your content and deliver focused maps and apps. In summary, the model implementation will show you how to:

Show

You are a member of 20 groups

All My Groups
Owned by Me
Owned by Others
With New Membership Requests

- Basemap**
Standard basemaps for our organizations.
Created by AAJW_Admin on May 15, 2013
- Central Services**
The authoritative service catalog.
Created by AAJW_Admin on May 15, 2013
- Customer Service, Finance, Billing & Accounting**
The Water & Sewer Billing and Collection Division manage the water and sewer accounts for residents.
Created by AAJW_Admin on May 15, 2013
- Design & Engineering**
Design and Engineering is responsible for designing, planning and inspect construction and maintenance projects.
Created by AAJW_Admin on May 15, 2013
- Executive Reports**
Maps, notes and reports for the Board or Executives.
Created by AAJW_Admin on May 15, 2013
- Featured Apps**

Details:	Icon:
Name: Field & Facility Maintenance Owner: Organization Admin or the lead team member in this division Icon: <your_directory>\Graphics\icons\FieldOperations.png Summary: Field Maintenance is responsible for the operations of the Water distribution system, Sewer Collection system and construction of those networks. Description: Typical types of users and roles that part of this group. <ul style="list-style-type: none">• Field Maintenance Manager• Asst. Field Maintenance Manager• Water/Sewer Utility I, II, III, IV• Heavy Equipment Operator• Meter Technicians/Mechanics• Building Superintendent I, II	



Stormwater Illicit Discharge Application



Gravity Mains Filter Application



Valv



The most up to date and authoritative infrastructure map for Mercator Water. Use this map to search, view, and understand spatial information.



The authoritative maps for Mercator Projects. Use these maps to understand where we're going in the future.

Implementing ArcGIS for Water Utilities

1. Map Needs to ArcGIS Capabilities
2. Deploy the ArcGIS Platform
3. Configure Your Mapping Portal
4. Configure Initial Apps
5. Iterate

White Paper

Implementing ArcGIS® for Water Utilities

An Esri® White Paper
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<http://www.esri.com/library/whitepapers/pdfs/implementing-arcgis-for-water-utilities.pdf>

Demonstrations