

After Action Status Update

Austin Water Oversight Committee | May 25, 2022



Overview

💧 Winter Storm Uri Improvements Plan

- 79 Improvements Identified
- 68 Completed

💧 Ullrich Turbidity Event Improvements Plan

- 38 Improvements Identified
- 30 Completed

💧 Of 17 remaining improvements, 14 are longer-term CIP initiatives





Recently Completed Resiliency Improvements

💧 Operations Staffing, Procedures and Training

- Added access for management staff to monitor SCADA remotely
- Enabled external notification of turbidity exceedance alarms
- Enabled automatic backwashing of filters for turbidity trigger

💧 Infrastructure Enhancements

- Completed Davis Water Treatment Plant Power Distribution Upgrade
- Added third electrical feed to Ullrich Water Treatment Plant and enabled automatic switching capability

💧 Internal / External Communications

- Provided emergency notifications using My ATX Water customer portal and Warn Central Texas
- Provided regular incident status updates to Austin Water staff



Resiliency Improvements Underway

(to be completed by September 30, 2022)

• Operations Staffing, Procedures and Training

- New Operations and Training positions: recruitment process underway
- Define and implement operational situational awareness criteria

• Infrastructure Enhancements

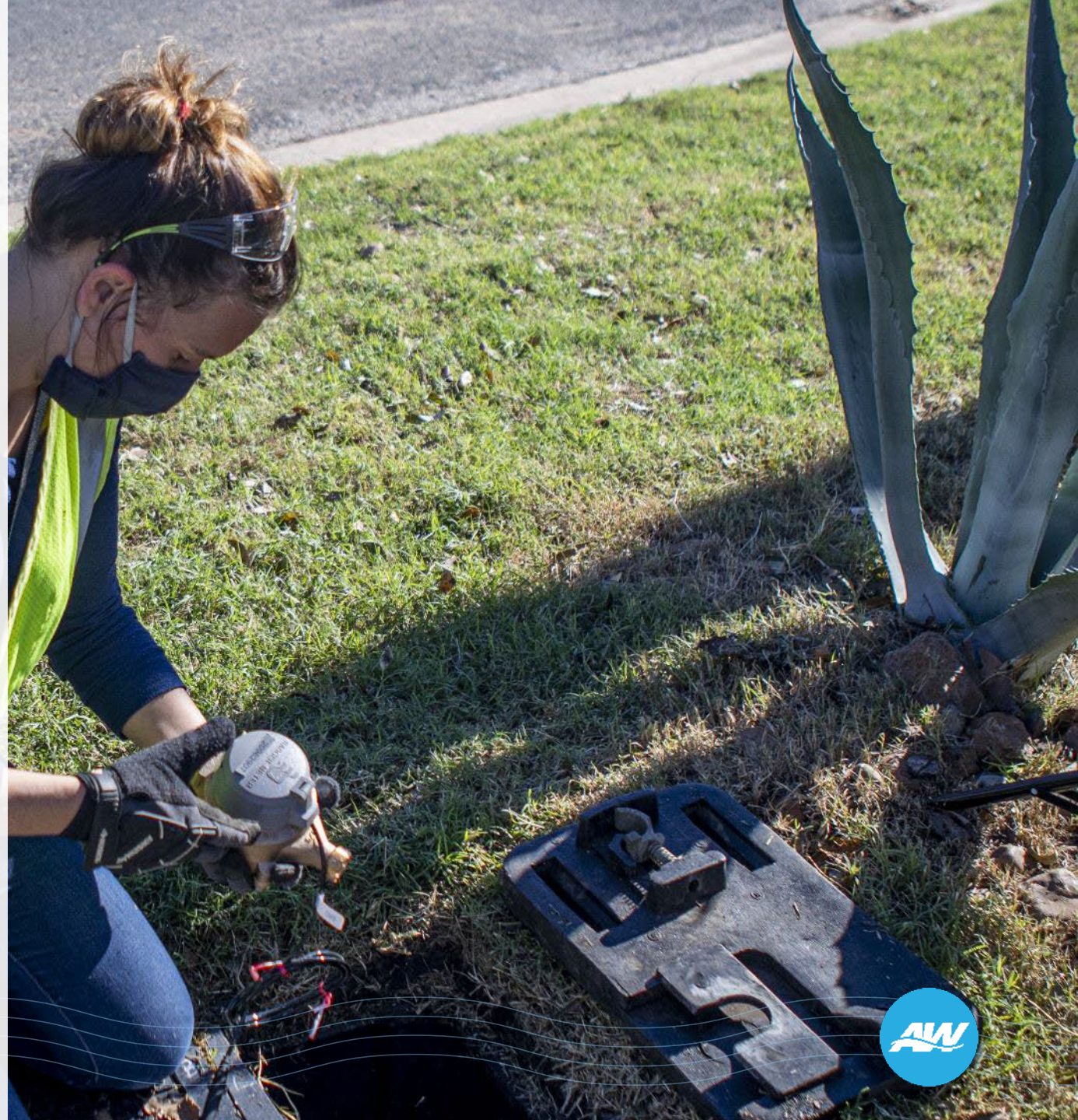
- Replacement of North Austin Reservoir
- Complete winterization of components at plants
- Review SCADA alarms, seeding alert pop-ups, modernization opportunities

• Emergency Preparedness

- Implement Emergency Preparedness Plan to meet SB3 requirements
- Increase Incident Management Team Roster and conduct annual training activities

Longer Term Resiliency Improvements

- Automatic shutdown of filters for turbidity exceedances
- Water storage and transmission projects in the distribution system
- Electric generation and power resiliency projects at treatment plants, lift stations and pump stations
- Improved chemical storage and sludge storage/disposal capabilities at treatment plants
- Installation of My ATX Water (AMI) meters



An aerial photograph of a wastewater treatment plant. In the foreground, there are several large, rectangular concrete basins. A blue semi-transparent banner is overlaid across the middle of the image, containing the text "Questions / Discussion". In the background, there is a dense green forest, followed by a residential area with houses, and finally a city skyline with various skyscrapers under a cloudy sky.

Questions / Discussion

