After Action Status Update

Water & Wastewater Commission | June 8, 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
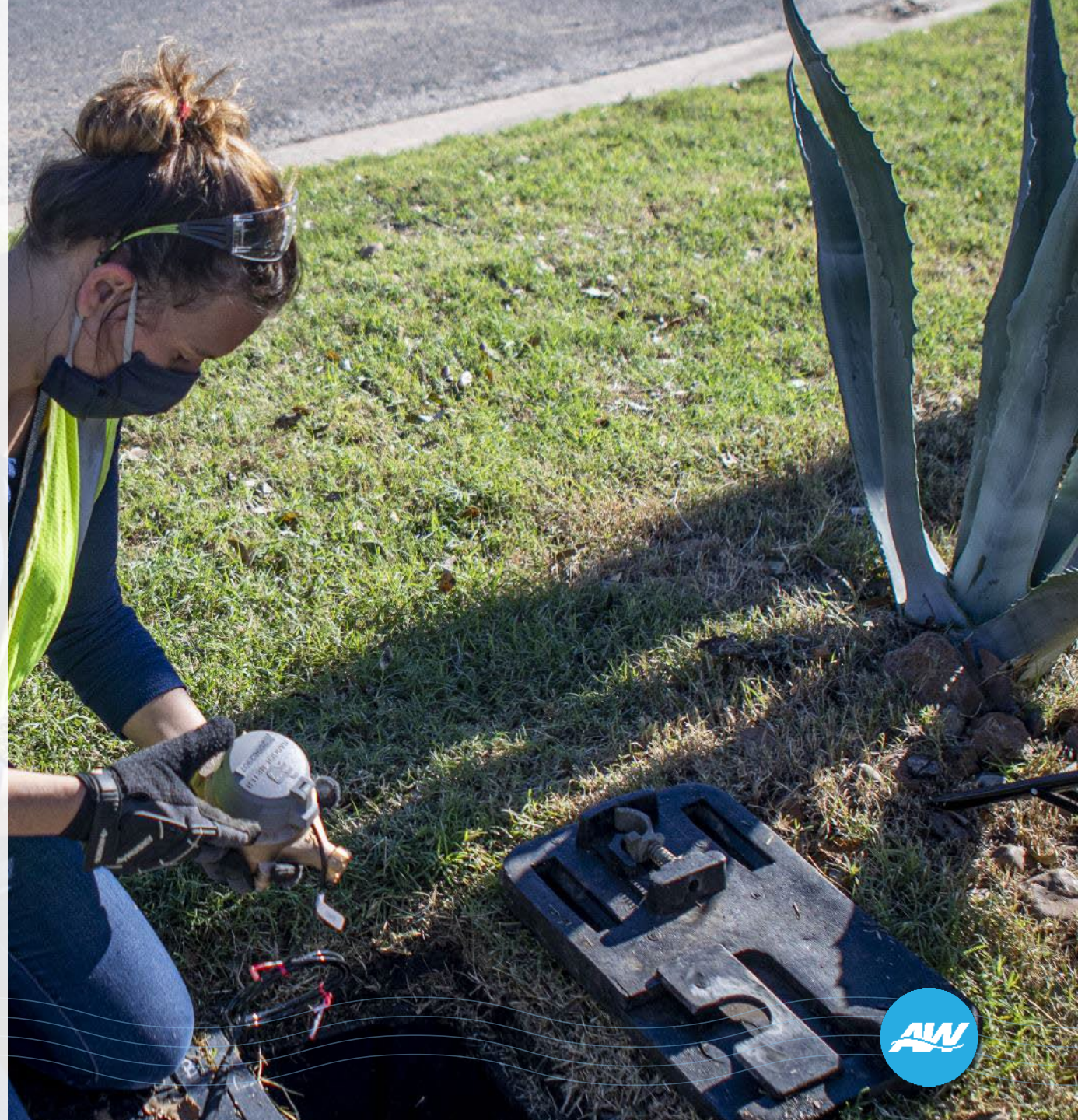
- **Infrastructure Enhancements**

  - 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

Questions / Discussion