



Municipal Leak Detection Assistance Program

Joint Meeting of the Water Planning and Stewardship
Committee and Conservation and Local Resources
Committee

Item 9-2

January 11, 2021

Metropolitan Supports Leak Detection Activities

- Residential leak detection
 - Recently approved incentive for flow monitoring/ leak detection devices at October 2020 Board meeting
- Municipal agency leak detection
 - Current support for local leak detection through the Member Agency Administered Program (MAAP)
 - Standardized incentive \$170 per mile based on water savings



Benefits of Municipal Leak Detection

- Water savings through leak detection and repair

Municipal Water District of Orange County (MWDOC)

- Over two years of pilot research
- 870 miles of pipe surveyed
- 747 acre-feet of water saved



Benefits of Municipal Leak Detection (continued)

- Support agencies with Senate Bill (SB) 555 compliance
- Collect data to better understand water savings potential of leak detection and leak repair throughout Metropolitan's service area



Pilot Research Program

- Agency participation in physical leak detection services has increased
 - Currently 10 sub agencies participating
 - 3 more sub agencies to participate
- Utilized multiple leak detection methods
- Breakdown of leaks found
 - Mainline 3%
 - Meter 50%
 - Service 44%
 - Other 3%



Going Forward

- Offer assistance to member agencies for leak detection
- Promote program to member agencies to increase participation
- Continue to reassess water savings estimates as more data are obtained and analyzed

