



# Oconomowoc Water Utility

## Lead Service Lateral Discussion

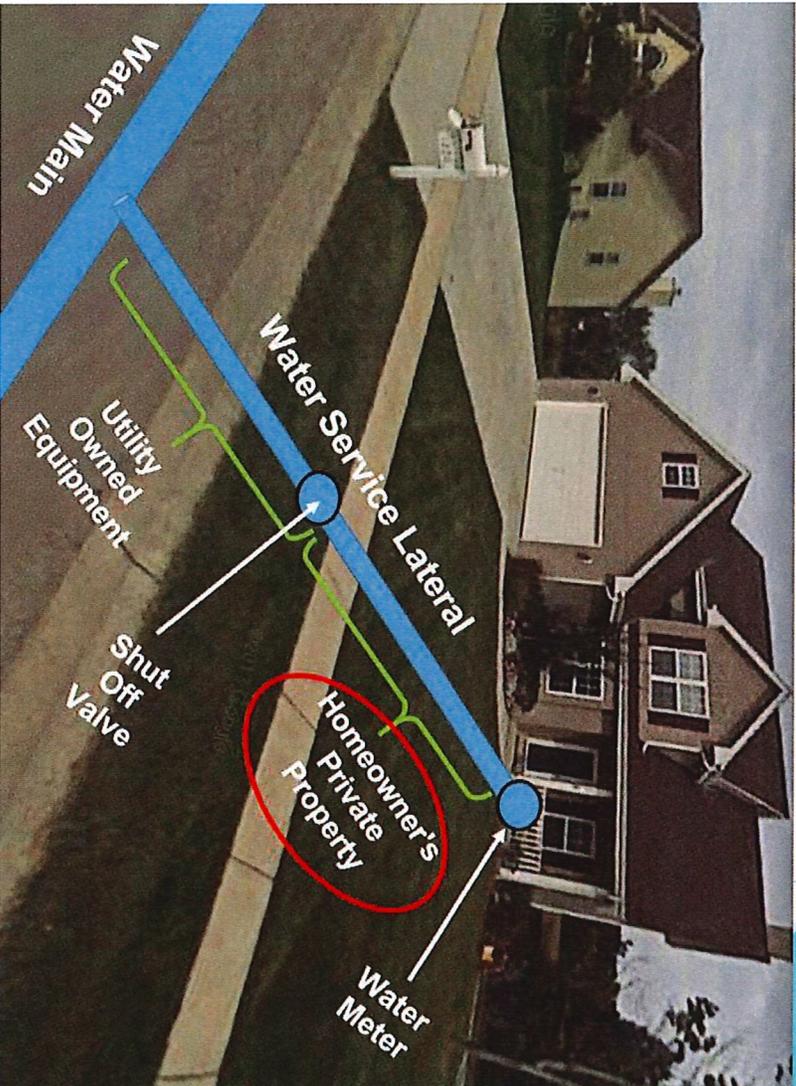
Utility Committee Meeting  
May 22, 2018

# Lead Service Laterals

- ▶ We don't currently have any lead issues
  - ▶ Ortho-phosphate added to coat inside of pipes
  - ▶ WDNR sample collections from 60 original approved sites
    - ▶ Favorable results allowed reduction to 30 sites for 10+ years
    - ▶ Most recent sample result 9.0 ppm, below limit of 15 ppm
      - ▶ 90% statistical confidence level
  - ▶ City remains in compliance with standards
  - ▶ No follow-up actions required

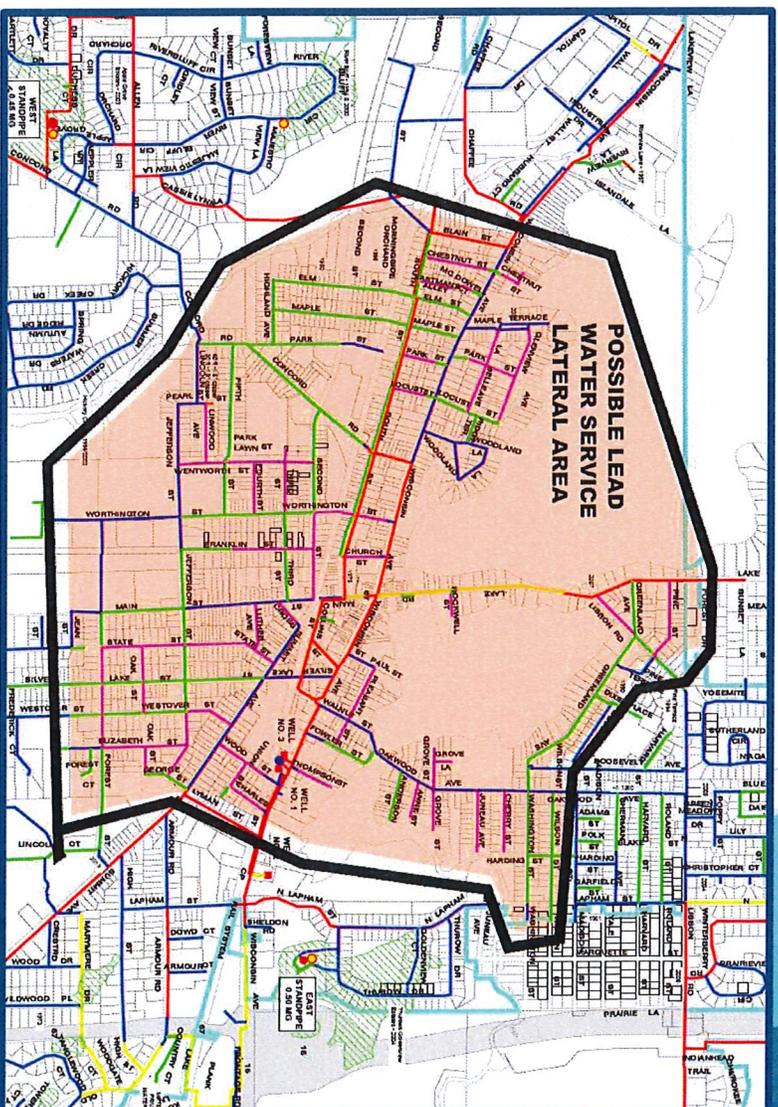
# Lead Service Laterals

- ▶ We do have some lead pipes (service laterals)
  - ▶ Utility owned
  - ▶ Customer owned
- ▶ Ownership changes at the shut off valve
  - ▶ Lateral may have different:
    - ▶ Size
    - ▶ Age
    - ▶ Material



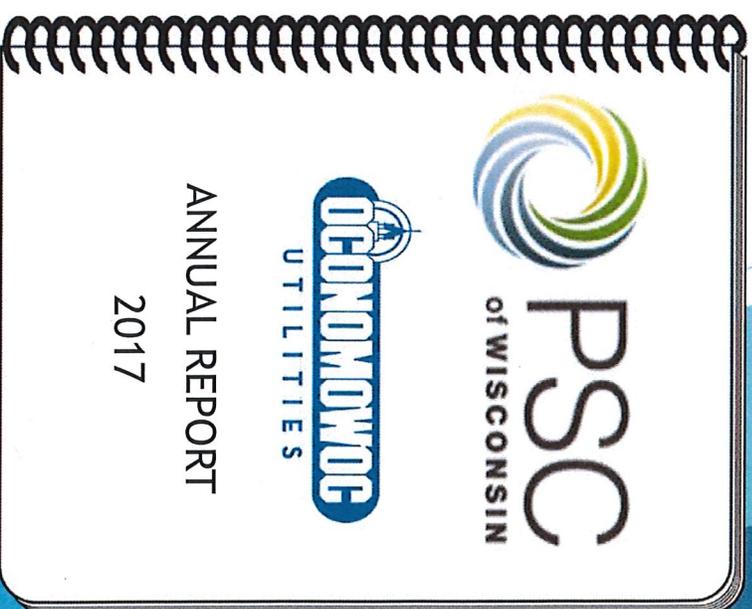
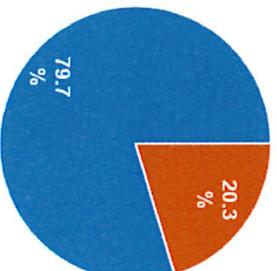
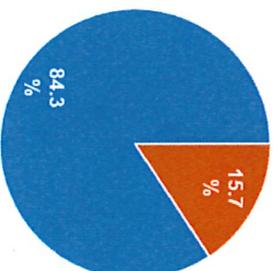
# Lead Service Laterals

- ▶ Where are they?
- ▶ Homes built before 1960's
- ▶ Central part of city
- ▶ How to confirm private side?
- ▶ Use local plumbers
- ▶ Use meter complaint follow-up site visits



# Lead Service Laterals

- ▶ How many are there?
  - ▶ Utility Owned Services
    - ▶ 912 / 5,819 (15.7%)
  - ▶ Customer Owned Services
    - ▶ New Schedule on 2017 PSC Report
      - ▶ 1,181 / 5,819 (20.3%)
      - ▶ Lead service removals since 1999 assumed to be utility side only
  - ▶ Lateral Count Assumptions
    - ▶ Customer Survey December 2016



# Lead Service Laterals

- ▶ Are we required to replace them? - No
- ▶ Are we allowed to replace them?
  - ▶ Utility Owned: Yes
    - ▶ Coordinated with DPW street projects
  - ▶ Customer Owned: No\* (currently)
    - ▶ Owner's private property
    - ▶ New state law creates possibility
    - ▶ Financial assistance to customers



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February 21, 2018

# Lead Service Laterals

- ▶ Customer Owned Lateral Replacement Requirements:
  - ▶ Municipal Ordinance required
  - ▶ PSC rate tariff approval
  - ▶ Financial assistance must:
    - ▶ Not exceed 50% of total cost
    - ▶ \$4,400 estimated average total cost to replace customer owned water lateral (varies widely)
  - ▶ If loan from utility, may not be forgiven
  - ▶ Customer classes & Municipalities segregated
  - ▶ Specified \$ or % amount must be same for all customers in class (residential, commercial)



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# Lead Service Laterals

- ▶ What is our plan?
  - ▶ Right Now: For DPW Street Projects only
    - ▶ Replace utility owned lateral
    - ▶ Provide contractor references (customer can pay for their side)
    - ▶ Provide additional lead sampling (before & after)
    - ▶ Provide water filter pitchers

# Lead Service Laterals

- ▶ What is our plan?
  - ▶ Future Plans:
    - ▶ Continue review of options, study other communities actions
    - ▶ Follow up review & discussion this fall, as part of new rate case
    - ▶ Address during Long Term Financial Planning and Budget processes