

SAINT PAUL REGIONAL WATER SERVICES

Citizen, Business, Government, & 3M Working Group Presentations

February 2019



About Us

Began supplying water in 1869

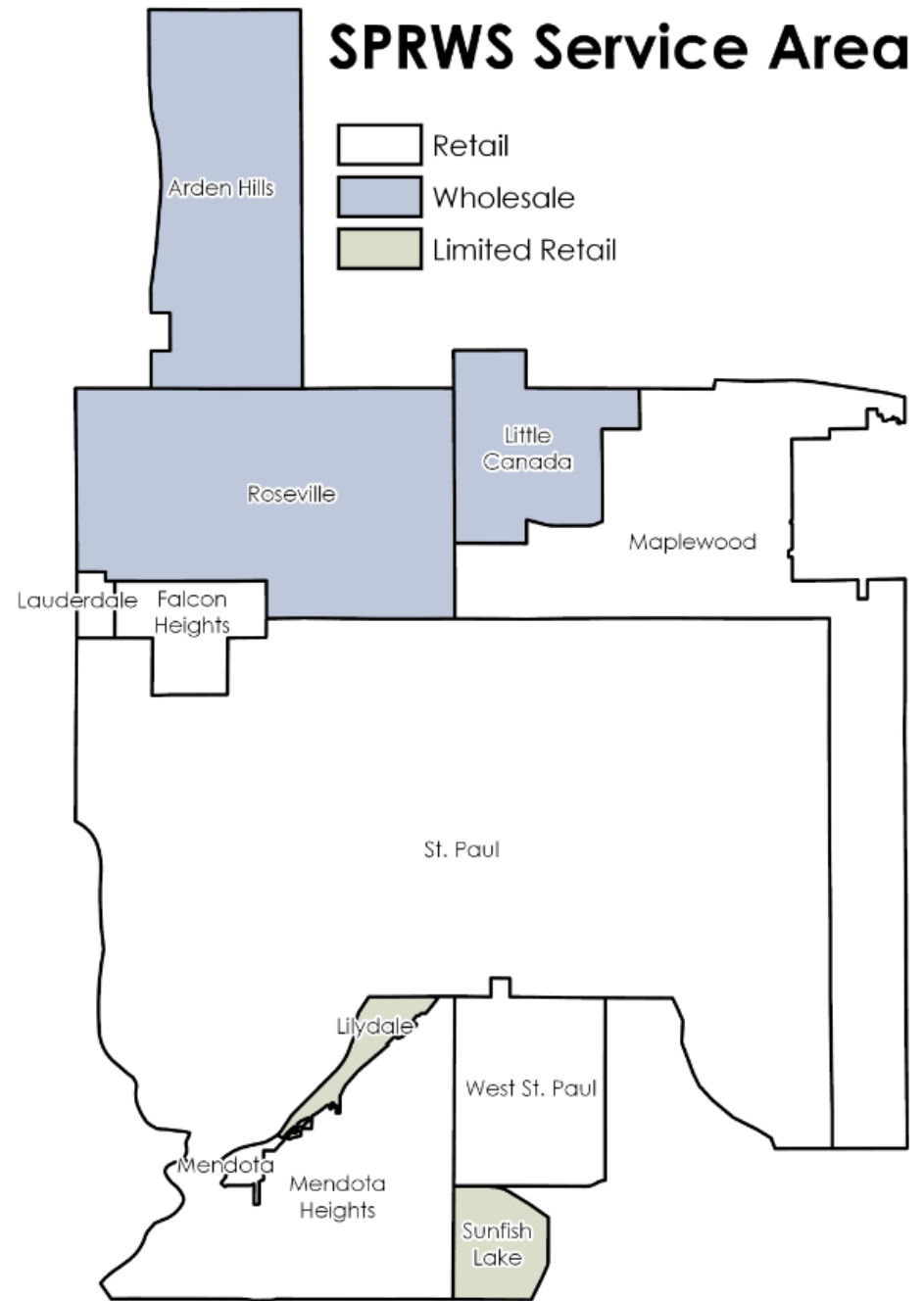
Governed by Board of Water Commissioners

General Manager and Administration

Four Divisions: Production, Distribution,
Engineering, Business

SPRWS Service Area

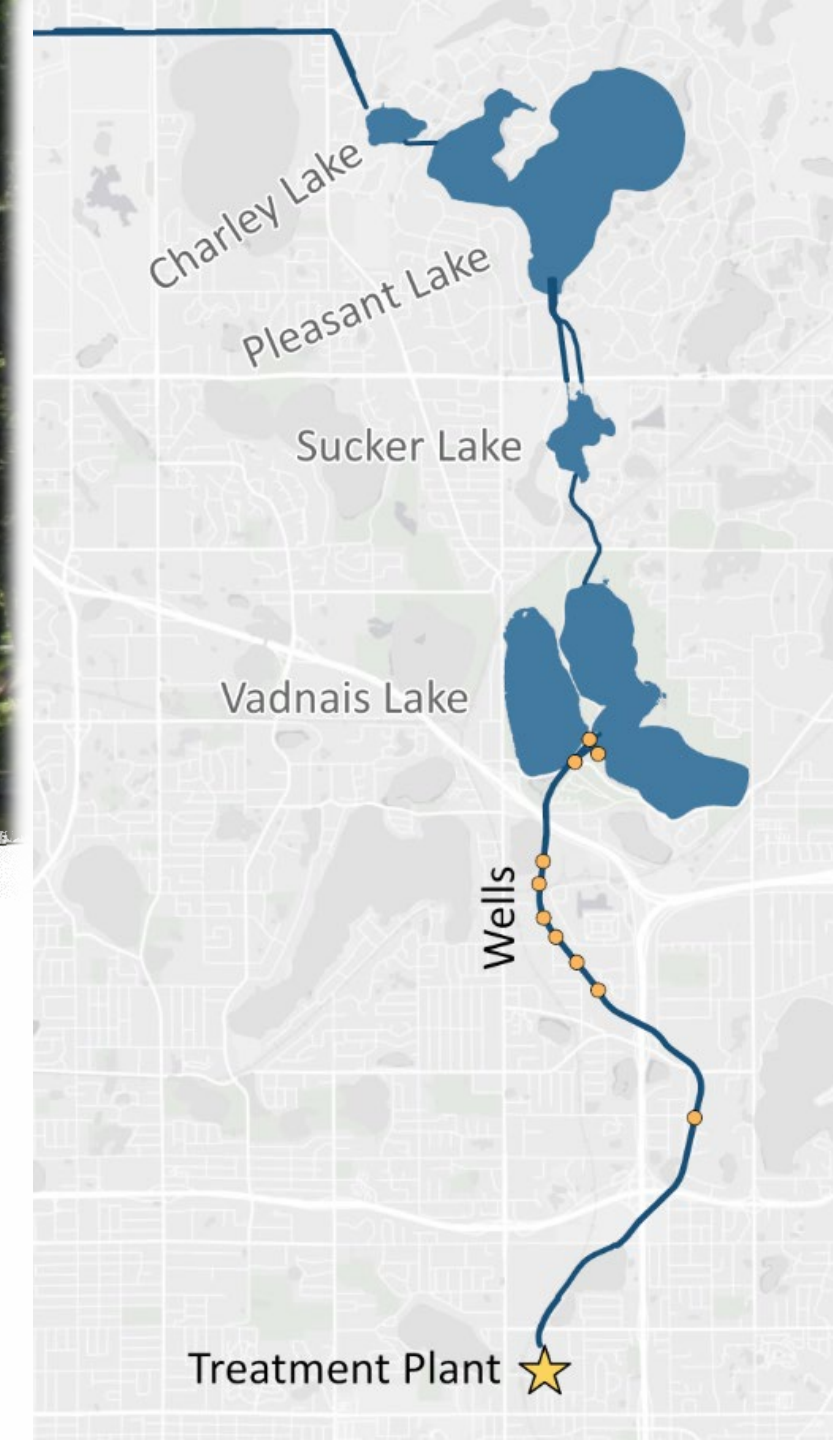
- 14 Communities Served
- 450,000 Customers
- 39 Million Gallons per Day
- Community Relationships:
 - Board Owned and Operated
 - Wholesale
 - Retail





Water Source

- Mississippi River Intake at Fridley
 - Reliable, abundant source of water
 - Flow protects against contamination events
 - Cost-efficient source
- 10 Backup Wells
 - Can meet full system demand



Water Storage

- Chain of Lakes: Charley Lake, Pleasant Lake, Sucker Lake, Vadnais Lake
- Effective Pre-Treatment
- Reduces Risk of Contamination

Water Treatment

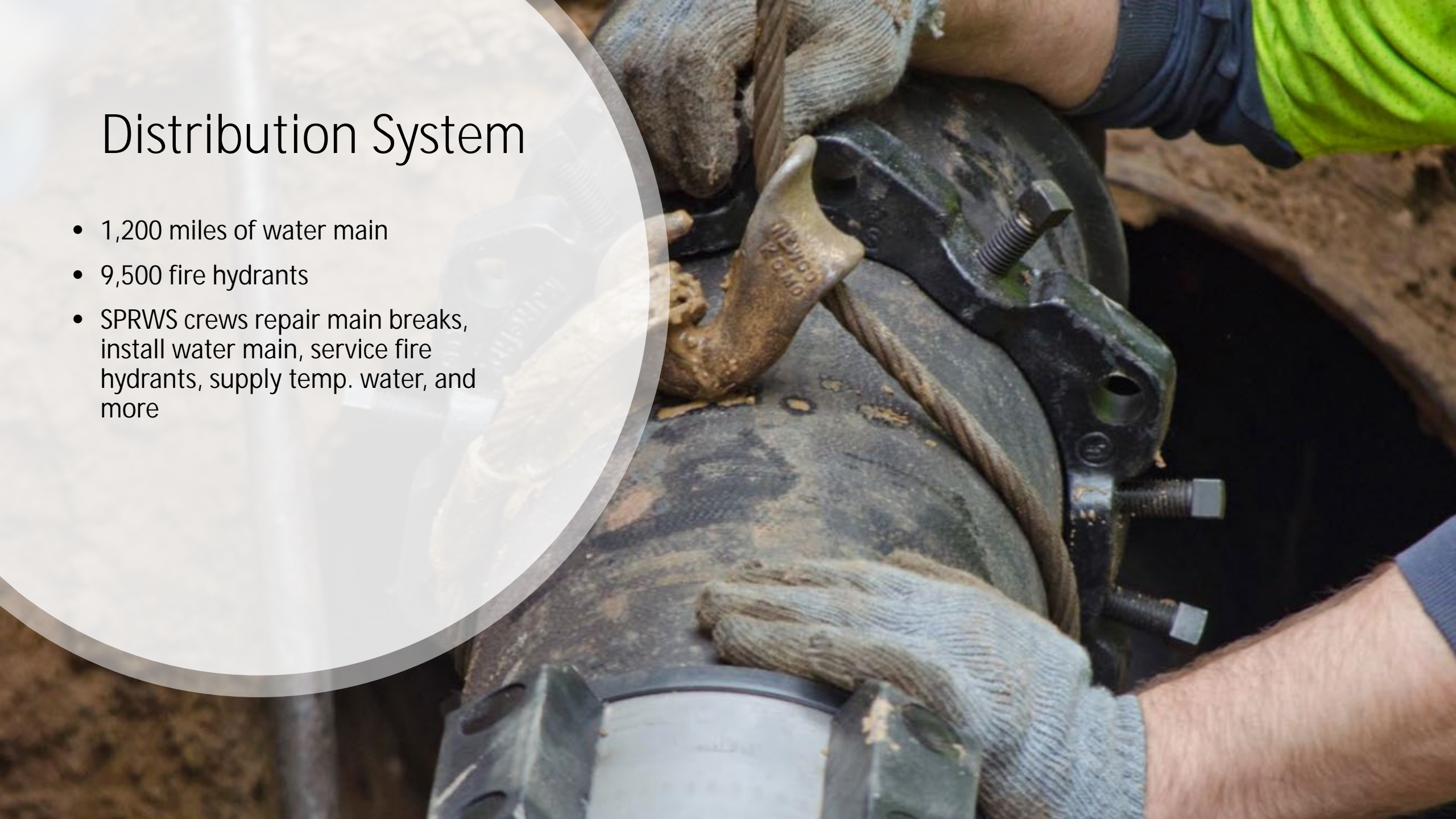
- Softening
- Settling to Remove Particles
- Adjust pH
- Add Fluoride
- Filter to Remove Taste and Odor Compounds
- Disinfect with Chlorine and Ammonia

End Product: Clean, healthy, tasty water



Distribution System

- 1,200 miles of water main
- 9,500 fire hydrants
- SPRWS crews repair main breaks, install water main, service fire hydrants, supply temp. water, and more





Open for Partnership

- Excess plant capacity exists
- Ample pumping capabilities
- Future plant upgrades
 - Continued ability to supply water
 - Best available technologies
 - A stable future