

CITY OF MINNEAPOLIS

Fridley Filter Plant Rehabilitation

Ways & Means Committee

July 18, 2016



Fridley Filter Plant
Constructed in 1920's



Filter Building ~ 440 feet long
20 filters



History

- 1925 Constructed
- 1927 Expanded

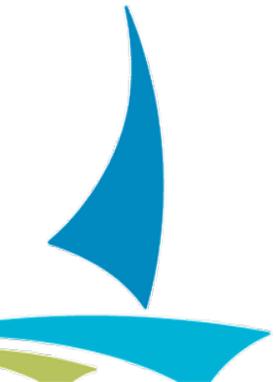
- 1968-69 Half of Filters Rehabilitated
- 1978-79 Half of Filters Rehabilitated



Recent History & Future

- 2010-12 Studies for current project
- 2012-14 Redundancy Improvements Project
- 2014 Detailed Investigations & Preliminary Design
- 2015-16 Design Phase

- 2016-20 Construction Phase



Project “at a glance”

- Reconstruct filters
- Add Granular Activated Carbon media
- Remove and replace Pipes in Gallery
- Add Backwash Supply system
- Replace Backwash Recovery system



FINANCING

- Funding Sources:
 - Through 2016 -
 - Water Bonds - \$20,700,000
 - Water Revenue - \$800,000
 - 2017 – 2019
 - Water Bonds/Minnesota Public Facilities Authority (MPFA) Loans - \$43,000,000
 - Decision by MPFA delayed. Need State to approve bonding bill.
- Proforma Supports debt service without increasing rates in excess of those proposed in 2016 Budget Financial Plan



MWW Treatment System

(Next Steps, beginning in 2016)

