



**King County**

Department of  
Natural Resources and Parks

**Wastewater Treatment Division**

# Updating WTD's Strategic Asset Management Plan

Presentation to Engineering & Planning Subcommittee of  
MWPAAC

May 3, 2018

# Presentation Overview

- ▶ WTD Asset Management Program
- ▶ Motion 14883
- ▶ HDR Report
- ▶ Update Process



# WTD Asset Management Program

- ▶ WTD manages over 50,000 assets, including:
  - Equipment (including software & data)
  - Infrastructure
  - Roofing, paving, corrosion protection
  - Structures



# WTD Asset Management Program

- ▶ Strategic Asset Management Plan (SAMP)
  - Started in 2005
  - Updated every 5 years
- ▶ Work Plan – updated every year

## Strategic Asset Management Plan Update

December 2015



# Motion 14883 Overview

- ▶ West Point event highlighted role of asset management in replacement/maintenance of critical equipment and systems
- ▶ Review of the SAMP
  - Focus on system critical capital infrastructure
  - Opportunities to modify and strengthen SAMP

# WTD SAMP Review

- ▶ Presented to the King County Council in January 2018
- ▶ Identified systemwide strategies and opportunities to strengthen Asset Management Program
- ▶ Recommended focus on strategic objectives of SAMP and effectiveness of processes currently in place

# Asset Management Program Strengths

- ▶ Established framework
- ▶ Maintenance Best Practices
- ▶ Dedicated asset management staff positions
- ▶ Capacity service levels and investment
- ▶ Asset register and management principles
- ▶ Processes in place

*Many asset management elements are performing at or above what are required and as would be expected for a program of WTD's size*

# Program Improvement Opportunities

- ▶ Strengthen foundational components
  - Align asset management program goals to WTD goals
  - Describe and prioritize goals with action items
  - Categorize SAMP strategies to align with typical asset management elements
- ▶ Improve asset management as tool for use in financial decision making



# Work to be done

- ▶ Updates to both the SAMP and the Work Plan in 2018
- ▶ Updates to be done internally
  - SAMP Update led by Planning Group
  - Work Plan Update led by Asset Management Group

# Scope of Work – SAMP Update

- ▶ Build upon 2015 SAMP
  - Ensure alignment of goals and that asset management is integrated across the Division
  - Complete foundational work with asset identification and data systems
  - Align with other WTD initiatives

# Scope of Work – SAMP Update

- ▶ 2018 SAMP Update to include
  - Recommendations from Council Report
  - Asset Management Objectives and Alignment of Actions to Goals
  - Work Plan Planning Approach
  - Resource Needs and Funding Strategy

# Update Work Plan

- ▶ Align with SAMP
- ▶ Define ongoing and new work
- ▶ Detailed work planning, resource needs and funding
- ▶ Two year outlook

# Next Steps

- ▶ Development of Scope
- ▶ Fall MWPAAC briefing

# Questions or Comments on Strategic Asset Management Plan

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