Initial Findings from Evaluation of WTD’s Strategic Asset Management Plan
Presentation to MWPAAC
December 13, 2017
Presentation Overview

- WTD Asset Management Program
- Project Driver
- Consultant Scope of Work
- Project Status
- Assessment Process
- Initial Findings and Potential Recommendations
WTD Asset Management Program

- WTD manages over 50,000 assets, including
  - Equipment
  - Infrastructure
  - Roofing, paving, corrosion protection
  - Structures
WTD Asset Management Program

- Strategic Asset Management Plan (SAMP) – updated every 5 years
- SAMP Work Plan – updated every year
Project Driver

- 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

- King County Council Motion 14883

- Report to Council 180 days after Independent Assessment delivered to Council
Consultant Scope of Work

- Review WTD Asset Management Program process and implementation

- Identify systemwide strategies and opportunities to strengthen Asset Management Program

- Focus on strategic objectives of SAMP and effectiveness of processes currently in place
# Project Status

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<th>July</th>
<th>August</th>
<th>September</th>
<th>October</th>
<th>November</th>
<th>December</th>
<th>January</th>
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<tbody>
<tr>
<td>Contract/scope</td>
<td>Conduct evaluation &amp; identify</td>
<td>Draft report to WTD</td>
<td>Develop final report &amp;</td>
<td>Final Report to KC Council</td>
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<td>recommendations</td>
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<td>management review</td>
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- **July**
  - Contract/scope negotiations
- **August**
  - Conduct evaluation & identify recommendations
- **September**
  - Draft report to WTD
- **October**
  - Develop final report & management review
- **November**
  - Final Report to KC Council
- **December**
  - Final Report to KC Council

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7
ASSESSMENT PROCESS

ASSESSMENT
- Document Review
- Staff Interviews

FINDINGS
- Strengths
- Gaps
- Improvement Opportunities

INITIATIVES
- Bundling
- WTD Review

Early Action Recommendations
Asset Management Program and SAMP Enhancements
Assessment Process

- **Document review**
  - Past SAMPs
  - ~125 documents and data sources

- **Interviews**
  - 26 interviews of over 60 WTD staff
  - Represent wide range of WTD staff and management

- **Workshop**
  - Consultant and WTD staff and management
  - Reviewed and prioritized initial strategic recommendations
Assessment Initial Findings
Strategic Asset Management Plan
WTD one of first utilities in Pacific NW to develop SAMP

**SAMP successes:**
- Documents goals, objectives, and action items
- Identifies success measures for each action item
- Describes programs to support asset management

**SAMP improvements:**
- Align asset management program goals to WTD goals
- Describe, prioritize goals and strengths with action items
- Manage and coordinate actions like a program
- Categorize SAMP strategies to align with typical asset management elements
Assessment Initial Findings

Asset Management Program
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 and improve access
- Better communicate program goals and priorities
- Improve asset management as tool for decision making
Potential Recommendations

To strengthen SAMP and WTD AM Program:

1. Begin or continue Early Action Recommendations
2. Update SAMP document in 2018
3. Update Asset Management Program Work Plan
Questions?

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