NE Stormwater Management Initiative
Ward 1 Community Forum
Surface Water – Storm Sewer System
# System Challenges and Opportunities

<table>
<thead>
<tr>
<th>Challenge</th>
<th>Opportunities</th>
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</thead>
</table>
| Aging infrastructure | • Asset management  
 |                   | • Increase capital and O&M                       |
| Flooding        | • Hydraulic models  
 |                   | • Pilot projects                                 |
| Water quality goals | • Pipe shed/BMP model  
 |                   | • Integrated permit                              |
| Maximize Public $ | • Leverage partnerships  
 |                   | • Data to drive decisions                        |

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3
Stormwater Pilot Projects

- Utilize modeling results considering:
  - Flooding risks
  - Water quality
  - Infrastructure condition
  - 20 year street capital improvement program
  - Equity

- Prioritize and implement solutions
Ward 1
Stormwater Projects
Northeast Stormwater Initiative

- Focused on 2,150-acre watershed in NE Mpls and Columbia Heights
- Joint project between MWMO, Mpls and MPRB
- Initiative goals:
  1. Improving stormwater management;
  2. Increasing flood resiliency;
  3. Reducing pollutant loading to the Mississippi River; and
  4. Improving ecological function.
Work-to-Date & Project Timelines

• 2016-present: Watershed-Scale Planning
• 2017-2018: MPRB Master Planning
• 2019-2021: Phase I Capital Projects
  – N Columbia Golf Course BMPs
  – Hoyer Heights Tree Trenches
  – 35th Ave NE Tree Trenches
• 2018-XXXX: Groundwater / Surface Water Monitoring in Southern Watershed
• Future: Additional Project Planning and Capital Projects
FIGURE 2 | NEIGHBORHOOD PARKS AND TRAILS INCLUDED IN MASTER PLAN

EAST OF THE RIVER PARK MASTER PLAN
# Stay Informed

<table>
<thead>
<tr>
<th>Upcoming Meetings</th>
<th>Date</th>
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<tbody>
<tr>
<td>Columbia Park Neighborhood Association</td>
<td>August 19, 2019</td>
</tr>
<tr>
<td>Waite Park Community Council</td>
<td>TBD</td>
</tr>
<tr>
<td>Audubon Neighborhood Association</td>
<td>TBD</td>
</tr>
<tr>
<td>Shoreham Yards Committee</td>
<td>TBD</td>
</tr>
<tr>
<td>Central Ave Business District</td>
<td>TBD</td>
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</tbody>
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Thank you!

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