

# Streambanks and Stormwater

## A workshop and tour of practices in communities

Building knowledge and skills of local leaders in plans, practice and policies.

September 25, 2014

4:00—7:30 pm



### ABOUT THIS WORKSHOP

Elected and appointed officials and community leaders are invited to this workshop focusing on streambank protection and restoration and stormwater management practices in communities. This program will include a tour of multiple stormwater management and streambank restoration project sites in the west metro region. Information presented will be applicable to all local communities.

### WORKSHOP CONTENT

- Streambank restoration projects & practices.
- Stormwater management projects & practices including rain gardens, bioretention, impervious surface reduction, and others.
- Stormwater pond and system infrastructure maintenance needs for continued performance.
- Municipal Good Housekeeping—pollution prevention practices such as street sweeping and winter chloride application management.
- Networking with local leaders and staff from many west metro communities.

### AGENDA

- |               |  |
|---------------|--|
| 4:00 - 4:45pm | <b>Stormwater Ponds and Municipal Good House Keeping for Pollution Prevention</b><br><b>Location:</b> City of Eden Prairie Water Treatment Plant & Learning Center       |
| 4:45 - 5:15   | <i>Board bus and dinner on-the-road</i>  |
| 5:15 - 6:00   | <b>Practices for Streambank Restoration and Protection</b><br><b>Location:</b> Valley Park, City of Hopkins  |
| 6:15 - 7:00   | <b>Site planning for Stormwater Management Practices for volume and pollution reduction and prevention</b><br><b>Location:</b> St. Luke Presbyterian, City of Minnetonka |
| 7:30pm        | <b>Workshop ends</b>   |

## Actions for local leaders

- Review your local stormwater management codes and requirements to support the use of low impact development LID practices; check that stormwater ponds are not the only acceptable practice.
- Establish or inquire about your maintenance plan for existing stormwater ponds and all parts of your stormwater management system.
- Send staff to Winter Roads Maintenance Training to learn about chloride (salt) reduction techniques.
- Inquire about your city's street sweeping plan and invest in a targeted street sweeping program. Use the new, pilot UMN research and tool "Street Sweeping Planning Calculator."
- Use open space and park areas to protect and restore streambanks using plants, trees, and bioengineering practices. Use other practices besides rip-rap, concrete, and metal sheet piling when appropriate.
- Seize opportunities during road reconstruction, park, recreational, or other public projects to address multiple needs in engineering, park recreation, and water resource protection and restoration.
- Perform and use the information from cost -benefit analysis to inform your choices and decisions; ask critical questions before approving a project or proposal.
- Reduce impervious surfaces by reviewing and revising policies that may require excessive street widths or parking requirements or by removing barriers to projects that seek reductions to paved areas.

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## ACKNOWLEDGMENTS

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## ABOUT THIS NEMO PROGRAM

The NEMO (Nonpoint Education for Municipal Officials) program provides education and training to community leaders including elected and appointed officials and citizen leaders about water resources, the impacts from land use, and strategies for protection and restoration. Goals include providing leaders with knowledge, skills, and research results to assist them in making informed local decisions that support clean water in their communities.

[www.northlandnemo.org](http://www.northlandnemo.org)

**YOUR NOTES AND QUESTIONS HERE**