

Surface Water Master Plan

protects and enhances the safety and environment of Kirkland by reducing flooding, improving water quality, maintaining public infrastructure, and protecting and improving fish habitat

The Surface Water Master Plan recommends priorities for the next 10 years of Surface Water Utility Operation based on The 2011 annexation of the Finn Hill Juanita and Kingsgate Neighborhoods, compliance with State and Federal regulations and meeting community's vision of sustainability.

THE SURFACE WATER MASTER PLAN INCLUDES:

- Description of why surface water management is integral to community health and safety in Kirkland
- Description of current staffing and work program, noting gaps and issues
- Review of current regulations that impact surface water management in Kirkland
- Inventory of streams and water resources and built storm water systems in the City of Kirkland
- Description of proposed new or altered programs and capital projects to meet the utility's goals, reduce flooding, improve water quality, protect infrastructure, and improve fish habitat

- Recommended priorities and schedule for implementation of programs and projects
- Performance measures for use in tracking implementation of the Surface Water Master Plan and Surface Water Utility operation



WHAT DO YOU THINK?

- What is your highest priority surface water goal – flooding, water quality, infrastructure, fish habitat or something else?
- What would make low impact development storm water facilities such as rain gardens in your neighborhood appealing to you?
- What actions are you willing to take to protect water quality in Kirkland?

Reduce impervious surface on my property
Wash my car on a grass area or at a commercial car wash

Pick up and properly dispose of pet waste
Install a rain garden to filter and slow runoff on my property

Mark storm drains with the message "dump no waste – drains to stream"

Remove invasive species and plant native vegetation in streamside areas

Highlights from the Surface Water Master Plan:

Programs:

- Increased management of ditches and TV inspection of pipes
- Adoption of updated surface water design regulations for development and redevelopment projects
- New emphasis on use of low impact development (LID) storm water facilities and techniques

Projects:

- Address flooding, improve water quality by providing treatment for areas of existing development, remove barriers to fish passage in streams that support migratory salmon, replace aging and failing pipes to prevent failures that can lead to flooding, and improve fish habitat conditions by controlling flows, and by rebuilding physical habitat in stream channels

