

**Waterfront Stormwater Solutions
Puget Sound**

Landscape Architect:	Green Futures Lab, Nancy Rottle
Client:	Russell Family Foundation
Engineer:	SvR Design
Other consultants:	Dr. Richard Horner



PROJECT DESCRIPTION

The growing cover of impervious surfaces within the Puget Sound area has produced dramatic changes in the way the landscape processes rainwater. These hard surfaces replace native vegetation and soils that naturally intercept, absorb, filter and store rainwater with impenetrable asphalt or concrete. Instead, rain is directed quickly away from urban areas through engineered conveyance systems into local water bodies picking up pollutants along the way.

Considering that a majority of the population is concentrated along waterfronts, developing solutions becomes all the more pressing. The intent of the Waterfront Stormwater Solutions project is to develop and inspire new design approaches to waterfronts that address stormwater issues while also incorporating a variety of unique amenities that support wildlife and serve the public, ultimately creating waterfronts and cities that are lively, functional and delightful.

Waterfront Stormwater Solutions is a user-friendly, web accessible toolbox designed to support designers, planners,

stormwater managers, community members and decision-makers learn about and apply strategies that help achieve water quality and livability goals. A growing and descriptive list of online case studies, pilot projects, technologies and the elements of quality design are available for all users to facilitate ready application for the benefit of Puget Sound. This robust toolbox of design and technical tools will serve as a companion to LID efforts occurring in the upper watershed and establish a basin-wide water quality approach.

JURY COMMENTS

The jury applauded this project for providing easily accessible solutions for stormwater management. The user-friendly online toolbox of practical information and applicable strategies for designers, planners, and decision makers will be a valuable resource for improving the quality of water in Puget Sound. The jurors appreciated the thoroughness of the research and look forward to seeing the results of the next phase of the project.



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