Clean Water State Revolving Fund

INNOVATIVE NATURAL DRAINAGE ELEMENTS IN LONGFELLOW CREEK WATERSHED

STATE PROGRAM: Washington Department of Ecology

ASSISTANCE RECIPIENT: Seattle Public Utility

ASSISTANCE AMOUNT: $2,715,000

PROJECT DESCRIPTION

Seattle Public Utility's High Point project will use a 20 year, 1.5% CWSRF loan of $2,715,000 to install innovative natural drainage elements, such as bioswales, compost-amended soil reservoirs, and porous pavement. These green infrastructure additions have been designed to improve stormwater management in the 303(d) listed Longfellow Creek Watershed, an important watershed for spawning salmon. The 120-acre redevelopment plan for low-income communities is along one of Seattle's most important urban creeks. Upon completion of the project, 10% of the Longfellow Creek watershed will be restored to drainage conditions comparable to rural pastures. The development project has been designed to provide significant benefits to water quality, wet weather flow reduction, habitat protection, and public outreach and education in the 34-block community.

To read more about this case study, please visit https://www.epa.gov/sites/default/files/2015-10/documents/gi_in_cwsrf.pdf.