SEATTLE GREEN INFRASTRUCTURE INNOVATION





Thornton Creek Water Quality Channel

NE Thornton Place, Seattle 98125

PERFORMANCE SNAPSHOT

- Treats 91% of the average annual runoff from 680 acres. ٠
- Achieved a 78% reduction in impervious surfaces.

GREEN INFRASTRUCTURE TECHNOLOGY TYPES







INNOVATION HIGHLIGHTS



Creative design and engineering resulted in a cohesive open space layout that compliments the adjacent private housing developments and meets the project's stormwater management goals.

2009



Public Space





The site encourages public use by incorporating numerous access points, view prospects, and public art, in addition to offering visitors a lush green respite from the surrounding urban environment.

Educational signage throughout the project informs vis-itors about the impacts of urbanization on the Thornton Creek Watershed, and explains how biofiltration swales help filter polluted water.

Local artist, Benson Shaw, designed a series of sculp-tures, bridge accents, and lighting features across the site to symbolize the movement of water throughout the project, as well as the ecological benefits of improved water quality.





PROJECT DETAILS

IMPERVIOUS SURFACE MANAGED	680 acres
DRIVER	Treatment of Polluted Stormwater
OWNER	Seattle Public Utilities
FUNDER	Seattle Public Utilities
GREEN INFRASTRUCTURE COST	\$14.7 million
PROJECT TEAM	SvR Design Company
MAINTAINED BY	Seattle Public Utilities

MORE INFORMATION

http://www.seattle.gov/util/EnvironmentConservation/Projects/Thorn-tonNaturalDrainage/index.htm

