



STORMWATER ACTION CENTER FACT SHEET

Name of Project:

Swale on Yale Stormwater Control

Location:

Seattle, Washington

County:

King County

Watershed:

Cedar River Municipal Watershed

Website:

www.2030districts.org/sites/default/files/atoms/files/S2030_Stormwater_Guide_1.pdf

SWALE ON YALE STORMWATER CONTROL – SEATTLE, WASHINGTON

OVERVIEW:

A project to treat stormwater running downhill from Capitol Hill using a series of urban bioswales. The system covers four full blocks in the downtown core and pumps 188 million gallons of stormwater into the system annually. The system was designed to leverage both sides of the street and redirects the flow from the main drainage pipes into smaller pipes that then direct into the swales. The series of bioretention swales filter water that previously flowed untreated into the South Lake Union neighborhood and Lake Union waterway. The pumping system's main feature is to slow down the flow of water and so a variety of stemmed plants are able to filter the particles and pollution. The process has the effect of a natural small wetland and dramatically improves stormwater quality and quantity.


BENEFITS:

- increased stormwater quality
- Decrease stormwater surges
- Aquifer and wetland recharge

FUNDING SOURCES:

- Vulcan Real Estate in partnership with Seattle Public Utilities, City of Seattle Department of Planning and Development, and Preservation Green Lab



-  - Flood Mitigation
-  - Bio-Filtration/Green Infrastructure
-  - New/Improved Drainage Infrastructure

