Green Infrastructure & Stormwater Management
CASE STUDY

NE Siskiyou Green Street

Location: Portland, OR
Client: City of Portland, Bureau of Environmental Services
Design Firm(s): City of Portland, Bureau of Environmental Services
Landscape architect/Project contact: Kevin Robert Perry, ASLA
Email: kevin@nevuengan.com
ASLA Chapter: Oregon

![Photo: Kevin Robert Perry, ASLA](image)

Project Specifications
Project Description: Built in 2003, this project was Portland's first residential green street to utilize stormwater curb extensions. The NE Siskiyou Green Street Project is a good example of how landscaped stormwater curb extensions are integrated into the street system. Environmental Services built the landscaped extensions in the parking zone on each side of NE
Siskiyou Street just above the storm drain inlets. Stormwater flows into the landscaped area, slows down and soaks into the ground while wetland plants filter pollutants. Any water that overflows the landscaped areas enters the storm drain inlets. The curb extensions reduce the amount of stormwater that flows off NE Siskiyou Street into the combined sewer system. Environmental Services worked closely with residents during design and construction.

**Project Type:**
Transportation corridor/streetscape
A retrofit of an existing property

**Design features:** Landscaped stormwater curb extensions.

This project was designed to meet the following specific requirements or mandates: Not applicable

**Impervious area managed:** 5,000 sq/ft to 1 acre

**Amount of existing green space/open space conserved or preserved for managing stormwater on site:** less than 5,000 sq/ft

The regulatory environment and regulator was supportive of the project.

**Cost & Jobs Analysis**
**Estimated Cost of Stormwater Project:** $10,000-$50,000 (Public funding: Local)

**Was a green vs. grey cost analysis performed?** No

**Cost impact of conserving green/open space for stormwater management over traditional site design/site development approaches (grey infrastructure)?** Not applicable

**Number of jobs created:** Not available

**Job hours devoted to project:** Not available
  - Planning and Design: Not available
  - Construction: Not available
  - Annual Maintenance: Not available

**Performance Measures**
**Stormwater reduction performance analysis:**
There is extensive project data at:
http://www.portlandonline.com/bes/index.cfm?c=45386&a=78299
Community & economic benefits that have resulted from the project: The NE Siskiyou Green Street is considered a huge demonstration project success both in Portland and nationally. The project has been recorded as increasing property values and as result of the project, hundreds of residents have signed onto a list to have stormwater curb extensions along their neighborhood streets.

**Project Recognition**
2007 ASLA General Design Honor Award

**Additional Information**

**Links to images:** Pictures can be available by contacting Kevin Robert Perry at 503-239-0600 or email at kevin@nevuengan.com