ENGAGE the public through a unified ambitious goal and consolidated resources.

INSTALL 12,000 rain gardens around Puget Sound by 2016 with many partners.

RESOURCES
• Classroom Workshops
• Demonstration Installations
• Educational Video
• Master Gardener Mentors
• Media and messaging
• Tours

WEBSITE
• Registry & Counter
• Map & Garden Profiles
• Event Calendar
• Directory of local resources and experts
• Fact sheets

LOCAL INCENTIVES
Seattle & King County: Rain Wise

Kitsap County
City of Puyallup
City of Bellingham
Grant-funded projects

PARTNERS
Non-profits
Jurisdictions
Homeowners
Tribes

NATIONWIDE PROGRAMS
Maryland & Chesapeake Bay
Kansas City: 10,000 Rain Gardens
San Francisco: 10,000 Rain Gardens
Missouri
Chicago

SALLY
Eatonville, WA

“I don’t consider myself a gardener, so I really appreciate that my rain garden is low maintenance.”
FOREST LAYERS

- Upper Canopy
- Mid Story
- Low Shrubs
- Ground Covers
- Forest Soils
PUGET SOUND (1972-1996-2011)
• Only about 25% of our city landscapes function like a forest...

• To solve this problem we probably need 90% of our urban landscapes to function like forsest...

• How???
BEFORE DEVELOPMENT

Less than 1% surface runoff
BEFORE DEVELOPMENT

20% to 30% surface runoff
The Modern Combined System

- We send wastewater to treatment plants
- Interceptor pipelines were sized to captured most of the flow
- Relief points – CSOs – were built to discharge the most dilute flows
- New systems manage sewage and stormwater separately
  - Stormwater must meet new regulations
Combined Sewers

Combined Sewer Overflow “CSO”
So what do I do?
Collect and Treat
Collect and Treat
Welcome to Our Rain Garden

A NATURAL FILTER
Rain gardens reduce runoff while brightening up your yard. They are simple to install, and feature well-draining soil and beautiful, easy-to-maintain native plants that slow and filter water from your roof. Rain gardens help keep water clean all the way to Puget Sound.

RAIN GARDEN BENEFITS
✓ Beautify the neighborhood
✓ Prevent flooding
✓ Fight pollution

THE ALTERNATIVE
Without a rain garden, runoff picks up oil and other pollutants from streets and sidewalks. It flows into Puget Sound and endangers fish and wildlife.

For more information go to: www.12000raingardens.org

Graphics courtesy of Kootenai County and the Washington Department of Ecology
This is HIGH IMPACT development

20% to 30% surface runoff
Is it possible to have LOW IMPACT DEVELOPMENT?

Less than 1% surface runoff
LOW IMPACT DEVELOPMENT or LID

Capture, detain, slow, and infiltrate runoff into the soil

Rain gardens, Permeable pavements, Cisterns, Trees.
Start Here:
Dig a hole:
Fill the hole (with good soils that drain well)
Plant with beautiful plants (that like to get their feet wet but can also tolerate a couple months of dry weather—hardy perennials and native plants)
Inflow
Outflow
Less than 1% surface runoff
-Low Impact Development
STEWARDSHIP PARTNERS

Helping Landowners Preserve the Environment
Stewardship Partners is a 501(c)3 non-profit organization.

www.StewardshipPartners.org
Salmon Need Clean Water

12,000 Rain Gardens in Puget Sound

Buy Salmon-Safe, Build a Rain Garden, Adopt-A-Buffer

stewardshippartners.org
12,000 RAIN GARDENS in Puget Sound
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Local businesses
Industry
Schools
Churches
Libraries
Neighborhoods
Rain Garden
Handbook for Western Washington Homeowners

Designing your landscape to protect our streams, lakes, bays, and wetlands

STEWARDSHIP PARTNERS presents FREE
Rain Garden Workshops

Tuesday March 8  Kirkland City Hall
Tuesday March 15  Burien Community Center
Thursday March 24  Seattle REI Flagship Store
Tuesday April 19  Everett Community College
Thursday April 21  University of Washington
Thursday May 12  WSU Puyallup Research Center

Classes from 6-8pm

RSVP APPRECIATED!
Call Stacey at (206) 292-9875 or email sg@stewardshippartners.org

Washington State University
Pierce County Extension
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For more information go to: www.12000raingardens.org
rain gardens
a natural filter for urban runoff

Rain gardens help fish and wildlife by keeping pollution out of our rivers, streams and Puget Sound.

Without rain gardens, runoff flows over hard surfaces like roofs, driveways and streets. It picks up oil, and other pollutants as it flows into our waterways, endangering salmon and other wildlife.

Rain gardens are easy to install. They brighten up your yard, filter water where it falls, and keep pollution out of Puget Sound.

to learn more go to: www.12000raingardens.org

Adapted from Illustrations by King County
RAIN GARDENS & EDUCATION
NEIGHBORHOOD RAIN GARDEN CLUSTERS
NEIGHBORHOOD CHAMPIONS

Sally, Eatonville
Heidi, Puyallup
Steve, Puyallup
Bert, Puyallup
Stefanie, Burien
Richard, Eatonville
Other ways of making a “rain garden”
Beyond Rain Gardens:

Other forms of LID: cisterns, permeable pavements, green roofs, trees
Storm drains

**Car maintenance (stop oil leaks):** [http://www.ecy.wa.gov/fixcarleaks.html](http://www.ecy.wa.gov/fixcarleaks.html)

Scoop your poop

Natural Yard Care (no pesticides, no chemical fertilizers)

Plant natives

Plant a tree

Remove invasive plant species
Things you can do now: Look for
Things you can do now: Look for

Car leaks
Things you can do now: Look for

Downspouts that run out into the street or storm drains
Things you can do now: Look for

Impervious surfaces
Things you can do now: Look for

Lawn and associated chemicals
Things you can do now: Look for

Bare soil
Things you can do now: Look for

Pet waste
Things you can do now: Look for

Winter salting
Things you can do now: Consider...
Things you can do now: Consider...

Composting
Things you can do now: Consider...

Diverting downspouts into planted areas (or a rain garden)
Things you can do now: Consider...

Planting more native plants
Things you can do now: Consider...

Planting a tree
Questions? Don’t Hesitate to ask for help along the way. Many many people are ready to and excited to help you.

**12,000 Rain Gardens Campaign:**
(206) 292-9875
ac@stewardshippartners.org
WSU Master Gardener Hotline: (206) 685-5104
www.12000raingardens.org
www.facebook.com/12kRG

**ECOSS**
206-767-0432
info@ecoss.org
www.ecoss.org

Storm Drain Marking Event
We have two rain gardens. The front one is about 8 feet x 5 feet and receives water from the north side of our roof. The back one, slightly smaller, is filled with hyssop, anemones, coneflowers, and sedge.

The water gathers first in a 400-gallon cistern made of galvanized metal that we got from a man in Texas who makes them for ranchers. Rainwater travels from the cistern to the rain garden through an underground pipe. In the summer, we can use the water in the cistern to water our plants.

We love our rain gardens!

- Sooz

• 2 Rain Gardens & 400 gallon Cistern

The front rain garden plants about to go in.

Sooz’s yard features an abundance of wildflowers.

The whole family participated in the installation process!
LONGFELLOW CREEK

Water Quality
Low dissolved oxygen and high fecal coliform
Washington’s Department of Ecology 303(d) list

Salmon
• Coho and Chum salmon consistently sighted in Longfellow Creek since 1999
  (King County Salmon Watchers)

• NOAA reports pre-spawning mortality in Longfellow Creek Coho salmon
  (National Oceanic & Atmospheric Administration)

Monitoring
Local monitoring at the water quality station (J370) at Brandon Street established in 1992.

Photo by Barrie Kovish
8th Ave NW, Puyallup
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