For more information on the Community Watershed Stewardship Program call 503-823-7917

or visit our website www.portlandonline.com/bes/stewardship

Printed on recycled paper. WS 09188
Table of Contents

Community Watershed Stewardship Program ........................................... 4

Project Site Map ......................................................................................... 5

Grant Summaries ....................................................................................... 6
  Depave-Fargo Gardens ................................................................. 6
  Columbia Slough Watershed Council - Eyes on the Slough ........ 7
  Kenilworth Presbyterian Church - Stormwater Feature ........ 8
  Lents Springwater - Habitat Restoration .................................. 9
  Linnton Community Center - Stormwater Facility ............... 10
  N/NE Minority Youth & Young Adults Being Connected - Restoration .... 11
  National College of Natural Medicine - Native Plant Medicinal Garden ...... 12
  PCC Sylvania - Habitat Restoration ........................................ 13
  Richmond Elementary School - Learning Garden ................ 14
  Oregon Humane Society - Naturescaping and Restoration ........ 14
  Friends of Tryon Creek State Park - Stories of a Watershed Exhibit .... 15
  Friends of Tideman Johnson Park - Stewardship and Restoration Project .... 16
  Ecoroofs Everywhere - Ecoroof and Education Project ........ 17
  Tryon Creek Watershed Council - Restoration Mentorship Project .... 18
  Vestal Elementary School - Naturescaping Project ................ 19
  Community Energy Project - Watershed Health Education .... 20
  Urban Greenspaces Institute - Oaks Bottom Mural ............... 21
  Totals ................................................................................................. 22

Mini Grants ............................................................................................... 23

Portland State University ........................................................................ 26
Northwest Service Academy .................................................................... 28
The Community Watershed Stewardship Program (CWSP) awards grants of up to $10,000 to community groups and citizens who want to improve the health of Portland watersheds. The program is a partnership between Portland’s Environmental Services, Portland State University (PSU), and the Northwest Service Academy AmeriCorps (NWSA). An integral component of the CWSP program success is the involvement of AmeriCorps volunteers and PSU students. CWSP provides opportunities for Portland community groups and citizens to be involved in watershed issues by:

- promoting community-initiated projects to improve watershed health;
- fostering partnerships between individuals, groups, business, government agencies, and educational institutions; and
- providing technical, financial, and training support to volunteers.

In addition to the larger CWSP grant program, CWSP provides opportunities for private landowners and community groups to become involved in stewardship opportunities through the Mini Grants program. This program awards gift certificates of up to $500 to community groups and $100 to private landowners to purchase native plants. Successful Mini Grant recipients bring together volunteers for an overall goal of enhancing water quality in Portland’s watersheds.

**Community Watershed Stewardship Grants**

CWSP grants encourage community groups and citizens to get involved in watershed improvement projects and leverage community resources to expand stewardship efforts. Grant recipients can use funds for native plants, supplies, equipment, room rentals, transportation, and technical assistance for any community-based watershed project in the City of Portland.

In 2008-2009, CWSP disbursed $140,553 for 17 projects. These funds were matched by $458,549 in community support through donations of services, materials, and volunteer time. Over 4,408 people donated 9,693 volunteer hours and planted 11,013 native plants and trees. Volunteers also restored 183,942 square feet of riparian and upland habitat and enhanced 2,572 linear feet of streams.

In 2005, CWSP began tracking data on sustainable stormwater projects, such as ecoroofs and rain gardens. This year’s projects redirected stormwater from 24,100 square feet of impervious surface area to sustainable stormwater infiltration systems.
<table>
<thead>
<tr>
<th>Site</th>
<th>Project Name</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>151</td>
<td>Depave – Fargo Gardens</td>
<td>$10,000</td>
</tr>
<tr>
<td>152</td>
<td>CSWC – Eyes on the Slough Program</td>
<td>$4,853</td>
</tr>
<tr>
<td>153</td>
<td>Kenilworth Presbyterian Church – Stormwater Feature</td>
<td>$7,810</td>
</tr>
<tr>
<td>154</td>
<td>Lents Springwater – Habitat Restoration Project</td>
<td>$10,000</td>
</tr>
<tr>
<td>155</td>
<td>Linnton Community Center – Stormwater Feature</td>
<td>$10,000</td>
</tr>
<tr>
<td>156</td>
<td>N/NE Minority Youth – Restoration Project</td>
<td>$5,100</td>
</tr>
<tr>
<td>157</td>
<td>National College of Natural Medicine – Native Plants</td>
<td>$3,000</td>
</tr>
<tr>
<td>158</td>
<td>Urban Greenspaces Institute – Oaks Bottom Mural</td>
<td>$10,000</td>
</tr>
<tr>
<td>159</td>
<td>PCC Sylvania – Habitat Restoration Project</td>
<td>$10,000</td>
</tr>
<tr>
<td>160</td>
<td>Richmond Elementary School – Learning Garden</td>
<td>$7,850</td>
</tr>
<tr>
<td>161</td>
<td>Friends of Tryon Creek State Park – Exhibit</td>
<td>$10,000</td>
</tr>
<tr>
<td>162</td>
<td>Friends of Tideman Johnson Park – Restoration</td>
<td>$10,000</td>
</tr>
<tr>
<td>163</td>
<td>Ecoroofs Everywhere – Ecoroof and Education Project</td>
<td>$6,940</td>
</tr>
<tr>
<td>164</td>
<td>Tryon Creek Watershed Council – Restoration</td>
<td>$10,000</td>
</tr>
<tr>
<td>165</td>
<td>Vestal Elementary School – Naturescaping</td>
<td>$10,000</td>
</tr>
<tr>
<td>166</td>
<td>Community Energy Project – Watershed Education</td>
<td>$5,000</td>
</tr>
<tr>
<td>167</td>
<td>Oregon Humane Society – Habitat Restoration</td>
<td>$10,000</td>
</tr>
</tbody>
</table>

**Grand Total** $140,553

To view a complete CWSP project site map visit: [www.portlandonline.com/bes/stewardship](http://www.portlandonline.com/bes/stewardship)
Depave – Fargo Gardens

Project Site - N Williams Avenue and NE Fargo Street

Watershed Willamette River
Funding from CWSP grant $10,000
Funding from other sources $22,410
Total project cost $32,410
Total number of volunteer hours 1,132
   Adult volunteer hours 890
   Professional volunteer hours 42
   Project coordinator volunteer hours 200
Total number of people involved 176
Total number of workshops/events 10
Number of trees/shrubs planted 100
Square feet treated by stormwater facilities 3,000
Number of locations of permanent signs 1
Number of outreach materials 3
Number of media features 9

Depave removed 3,000 square feet of unused parking lot asphalt, transforming the impervious space into a stormwater management facility, community green space, and urban oasis. The project was successful in engaging volunteers and generating interest in de-paving unused impervious surfaces. In total, 176 volunteers spent 1,132 hours on the project. CWSP funds supported the purchase of native plants, tools and rental equipment for asphalt removal, and site amenities.
The Columbia Slough Watershed Council used CWSP funds to further develop its community-based Eyes on the Slough (EOTS) volunteer monitoring program. EOTS is an on-the-water monitoring program in which volunteers adopt a 2-mile reach of the Columbia Slough to paddle on a monthly basis. Volunteers monitor and report back to the Council on slough characteristics such as wildlife, illegal dumping or other behavior, water quality, beaver damage, and invasive species. This year, EOTS held two orientation paddles and trained 13 new volunteers. In addition, the program partnered with the Aloft Hotels on its new ‘Voluntourism’ program. The program held three educational trainings where volunteers came to gain further monitoring skills and knowledge about the Columbia Slough ecosystem. Volunteer monitors began using new, improved maps, produced by Environmental Services, and received training on how to identify, map, and report invasive Japanese knotweed along the slough. CWSP funds supported an AmeriCorps coordinator for the program and the purchase of water quality testing equipment, supplies, and a new kayak.
Kenilworth Presbyterian Church – Stormwater Feature

Project Site - 4028 SE 34th Avenue
Watershed: Johnson Creek

- Funding from CWSP grant: $7,810
- Funding from other sources: $2,245
- Total project cost: $10,055
- Total number of volunteer hours: 120
  - Student volunteer hours: 15
  - Adult volunteer hours: 50
  - Professional volunteer hours: 45
  - Project coordinator volunteer hours: 10
- Total number of people involved: 58
- Total number of workshops/events: 7
- Square feet treated by stormwater facilities: 5,900
- Number of outreach materials: 4

Kenilworth Presbyterian Church is currently in the midst of transforming its property into a multi-use green space that simultaneously manages on-site stormwater and provides a playground area for neighborhood youth. Church volunteers completed this phase of the project by constructing a stormwater feature that manages 5,900 square feet of stormwater runoff. CWSP funds supported the purchase of native plants, gravel and soils, erosion control supplies, and contracted services.
Lents Springwater – Habitat Restoration Project

Project Site - Springwater Corridor, between SE 97th Avenue and SE 101st Avenue
Watershed: Johnson Creek

Funding from CWSP grant: $10,000
Funding from other sources: $42,485
Total project cost: $52,485

Total number of volunteer hours: 1,510
  - Student volunteer hours: 580
  - Adult volunteer hours: 876
  - Professional volunteer hours: 54

Total number of people involved: 908
Total number of workshops/events: 29
Number of trees/shrubs planted: 4,000
Square feet riparian/upland area enhanced: 42,000
Number of locations with permanent signs: 3
Number of outreach materials: 9
Number of media features: 1

The Lents Springwater Habitat Restoration Project (LSHRP) has been working to restore habitat along the Lents portion of the Springwater Corridor for the past 14 years. Over the past three years, LSHRP worked on the portion of the corridor between SE 97th and 102nd. This was the site of an old lumber mill that operated for years along the railroad, which is now the Springwater Corridor. The lumber mill had a number of large concrete docks and asphalt/gravel parking areas for loading logs and stacks of lumber as well as rail spurs coming off the rail line into the lumber mill. When the railroad was decommissioned, the lumber mill went out of business and all of this heavy debris was abandoned. Over the past three years, LSHRP has removed all of this debris, which constitutes approximately 500 cubic yards, recycled it and planted over 9,000 native trees and shrubs, all within a six block stretch of the corridor. This year, volunteers removed over 200 cubic yards of concrete, gravel, and asphalt, restored the area with clean soil and compost, and planted 4,000 native trees and shrubs. The project is a joint effort between the LSHRP and Portland Parks & Recreation. CWSP funds supported the purchase of native plants, tools, soil, compost, office supplies, and administrative and contracted services.
Linnton Community Center – Stormwater Facility

Project Site - NW 107th Street and NW St. Helens Road

Watershed: Willamette River

Funding from CWSP grant: $10,000
Funding from other sources: $1,800
Total project cost: $11,800

Total number of volunteer hours: 90
  Student volunteer hours: 20
  Adult volunteer hours: 10
  Professional volunteer hours: 40
  Project coordinator volunteer hours: 20

Total number of people involved: 26
Total number of workshops/events: 2
Square feet treated by stormwater facilities: 500

The Linnton Community Center used CWSP funds to remove a portion of the community center’s parking lot and replace it with an infiltration basin. Since the construction portion of the project was completed after the planting season ended, community center volunteers planted the infiltration basin in fall 2009. The basin treats 500 square feet of stormwater runoff from the parking lot and the community center roof. CWSP funds supported the purchase of rock, asphalt, and pipe as well as machinery rental.
N/NE Minority Youth & Young Adults Being Connected to the Community – Restoration Project

**Project Site** - Big Four Corners Trail, NE 181st Avenue and Airport Way

**Watershed**

- Columbia Slough

**Funding from CWSP grant**

- $5,100

**Funding from other sources**

- $6,715

**Total project cost**

- $11,815

**Total number of volunteer hours**

- 430
  - **Student volunteer hours**
    - 105
  - **Professional volunteer hours**
    - 100
  - **Project coordinator volunteer hours**
    - 225

**Total number of people involved**

- 25

**Total number of workshops/events**

- 10

**Linear feet of trail enhanced**

- 700

**Number of outreach materials**

- 3

**Number of media features**

- 6

N/NE Minority Youth & Young Adults Being Connected worked in collaboration with the Columbia Slough Watershed Council, Multnomah County Drainage District, and Portland Parks & Recreation to perform trail maintenance at NE 181st and Airport Way. In addition, project coordinators offered workshops focusing on environmental education, green career choices, and healthy choices for recreation for youth participating in the program. CWSP funds supported trail maintenance equipment, bike rentals, t-shirt printing, youth stipend matches, and project coordination.
National College of Natural Medicine – Native Plant Medicinal Garden

Project Site - SW Porter Street and SW Naito Parkway
Watershed Willamette River

Funding from CWSP grant $3,000
Funding from other sources $1,670
Total project cost $4,670

Total number of volunteer hours 110
  Student volunteer hours 40
  Adult volunteer hours 40
  Professional volunteer hours 30
Total number of people involved 20
Total number of workshops/events 4
Number of trees/shrubs planted 300
Square feet riparian/upland area enhanced 1,200
Number of outreach materials 3

The NCNM Environmental Action Committee used CWSP funds to remove 1,200 square feet of grass from its Ross Island campus, replacing the grass with organic compost and native medicinal plants. Student volunteers took the lead on the project by designing the planting plan and successfully planting the area over the course of three days. CWSP funds supported the purchase of native plants, tools, mulch, and landscaping preparation work.
PCC Sylvania – Habitat Restoration Project

Project Site - SW Capitol Highway and SW 53rd Avenue

Watershed: Fanno Creek

Funding from CWSP grant: $10,000
Funding from other sources: $42,708
Total project cost: $52,708

Total number of volunteer hours: 1,505
  - Student volunteer hours: 64
  - Adult volunteer hours: 819
  - Professional volunteer hours: 622

Total number of people involved: 308
Total number of workshops/events: 17

Number of trees/shrubs planted: 2,050
Square feet riparian/upland area enhanced: 8,742
Linear feet of stream enhanced: 345

Number of locations with permanent signs: 2
Number of media features: 1

The Habitat Restoration Team, comprised of students, PCC Grounds Foreman, and Biology Instructor April Ann Fong, used CWSP funds to continue the restoration of green spaces close to PCC Sylvania Campus. In addition to its environmental benefits, the program provides environmental service-learning and leadership opportunities for PCC students. During the 2008-2009 school year, the group held 11 large work parties, drawing more than 20 volunteers each, and several smaller work parties. In total, these work parties engaged 197 different student and community volunteers, who contributed approximately 1,780 hours. The work parties focused on removal of English ivy, Italian Arum, Himalayan blackberry, western dock, herb Robert, cyclamen, and English laurel. Upon removal of these invasive plants, volunteers planted more than 2,000 plants.

CWSP funds supported the purchase of native plants, the hiring of an AmeriCorps crew for a three-day large-scale invasive species removal, the purchase of tool sharpening equipment, lopper and saw restocking, and installation of a kiosk for neighborhood and park information. Grant funds also supported cooperative education tuition for student leaders, covered administrative costs, and partially funded an end-of-year celebration.
Richmond Elementary School – Learning Garden

**Project Site - SE 41st Avenue at SE Sherman Street**

- **Watershed**: Willamette River
- **Funding from CWSP grant**: $7,850.00
- **Funding from other sources**: $15,532.00
- **Total project cost**: $23,382.00
- **Total number of volunteer hours**: 420
  - **Student volunteer hours**: 24
  - **Adult volunteer hours**: 56
  - **Professional volunteer hours**: 280
  - **Project coordinator volunteer hours**: 60
- **Total number of people involved**: 904
- **Total number of workshops/events**: 2
- **Number of trees/shrubs planted**: 373
- **Square feet treated by stormwater facilities**: 40
- **Number of locations with permanent signs**: 1
- **Number of outreach materials**: 1
- **Number of media features**: 2

The Richmond E.S. Parent Teacher Association used CWSP funds to develop a Learning Garden located on the south side of the school grounds. The garden now serves as an outdoor classroom for 550 students and provides a hands-on learning environment that supports multidisciplinary curriculum. CWSP funds supported the first phase of this project, which included garden curriculum development for all grade levels, as well as implementation of a native plant garden. CWSP also supported design and construction of an informational kiosk that will have an ecoroof.

Oregon Humane Society – Naturescaping and Habitat Restoration Project

**Project Site - 1067 NE Columbia Boulevard**

- **Watershed**: Columbia Slough
- **CWSP funding**: $10,000

The Oregon Humane Society (OHS) will use CWSP funds to continue their work improving and restoring the wetlands on and adjacent to OHS property on Columbia Boulevard. This project will continue through the 2009-2010 grant cycle. CWSP funds will support the purchase of native plants, mulch, tools, refreshments, rental equipment, contracted services, and administrative fees.
Friends of Tryon Creek State Park – Stories of a Watershed Exhibit

**Project Site - 11321 SW Terwilliger Boulevard**

**Watershed**

**Tryon Creek**

**Funding from CWSP grant**

$10,000

**Funding from other sources**

$26,453

**Total project cost**

$36,453

**Total number of volunteer hours**

476

**Student volunteer hours**

16

**Adult volunteer hours**

10

**Professional volunteer hours**

250

**Project coordinator volunteer hours**

200

**Total number of people involved**

256

**Number of exhibit visitors to date**

15,600

**Total number of workshops/events**

4

**Number of locations with permanent signs**

2

**Number of outreach materials**

1

**Number of media features**

2

With the help of CWSP funding, the Friends of Tryon Creek created the “Stories of a Watershed” exhibit, which is on display at the Tryon Creek Nature Center. The exhibit features stories told by long-time residents of the Tryon Creek watershed. Visitors of the nature center can hear excerpts from five of the oral interviews on an audio/video playback system. An interpretive panel explains the interview process, and the complete text of the interviews can be found on the Friends’ website.

The new exhibit also contains a watershed modeling table and descriptive interpretive panels with instructions on how individuals can help protect their own watershed. More than 15,600 visitors have viewed the “Stories of a Watershed” exhibit since its completion in February 2009. The exhibit has also been featured as part of the Oregon Sesquicentennial Celebration.

CWSP funds supported the purchase of exhibit material, printing and postage, and project coordinator fees.
The Friends of Tideman Johnson Park continued their work on the Springwater Corridor at Tideman Johnson Park. Over the course of nine work parties, 475 volunteers restored habitat in more than 100,000 square feet of natural area (1,200 linear feet of Johnson Creek). In addition, the volunteer coordinators developed outreach materials for the Friends of Tideman Johnson, including an informational kiosk, interpretive signs about creek health and plant communities, and graphic design templates for posters, handouts, and the Friend’s website. CWSP funds supported the purchase of native plants, tools, event supplies, an interpretive sign, and an information kiosk. In addition, funds supported printing and administrative fees.
Ecoroofs Everywhere LLC installed a 160 square foot ecoroof and living wall at Trebol Mexican Restaurant. In addition to its environmental benefits, the project had a significant educational component. In summer 2008, volunteer coordinator Katie Colgan led three workshops with students of Woodlawn Afterschool Gardening Program and three workshops at the Welcome the Rain Festival at Sunnyside Elementary School. The youth participants planted and cared for the native plants that were then transplanted onto the newly-created ecoroof. In addition, the children made their own mini-ecoroofs to take home. Combined, these workshops engaged 50 students and 15 adults, educating them about the positive effects that native plants and ecoroofs have on local watersheds. CWSP funds supported the purchase of native plants, ecoroof materials, tools, signage, permit fees, transportation for students on TriMet, and mini-ecoroof boxes. In addition, CWSP funds covered project coordination, contracted services, and administrative fees.
Tryon Creek Watershed Council – Restoration Mentorship Project

**Project Site** - Private residences throughout the Tryon Creek watershed

**Watershed**

Tryon Creek

**Funding from CWSP grant**

$10,000

**Funding from other sources**

$16,954

**Total project cost**

$26,954

**Total number of volunteer hours**

812

  **Adult volunteer hours**

  716

  **Professional volunteer hours**

  96

**Total number of people involved**

50

**Total number of workshops/events**

16

**Number of trees/shrubs planted**

1,500

**Square feet riparian/upland area enhanced**

32,000

**Linear feet of stream enhanced**

325

**Number of locations with permanent signs**

4

**Number of outreach materials**

4

**Number of media features**

3

With the support of CWSP funds, the Tryon Creek Watershed Council (TCWC) created a backyard habitat mentorship program. The goals of this program include assessing, prioritizing, and achieving restoration success on private property. This year, the TCWC carried out comprehensive outreach and education in support of the mentoring program. CWSP funds supported administrative costs of the program coordinator, the purchase of plants, materials, and tools for the mentors, and supplies for private property owners as incentives to initiate projects. In addition, funding supported outreach programming that included TCWC pamphlets and t-shirts.

BEFORE

AFTER
Vestal Elementary School – Schoolyard Naturescaping Project

**Project Site - NE 82nd Avenue and NE Everett Street**

<table>
<thead>
<tr>
<th>Item</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Watershed</td>
<td>Willamette River</td>
</tr>
<tr>
<td>Funding from CWSP grant</td>
<td>$10,000</td>
</tr>
<tr>
<td>Funding from other sources</td>
<td>$45,690</td>
</tr>
<tr>
<td>Total project cost</td>
<td>$55,690</td>
</tr>
<tr>
<td>Total number of volunteer hours</td>
<td>1,740</td>
</tr>
<tr>
<td>Student volunteer hours</td>
<td>980</td>
</tr>
<tr>
<td>Adult volunteer hours</td>
<td>315</td>
</tr>
<tr>
<td>Professional volunteer hours</td>
<td>315</td>
</tr>
<tr>
<td>Project coordinator volunteer hours</td>
<td>130</td>
</tr>
<tr>
<td>Total number of people involved</td>
<td>603</td>
</tr>
<tr>
<td>Total number of workshops/events</td>
<td>8</td>
</tr>
<tr>
<td>Number of trees/shrubs planted</td>
<td>520</td>
</tr>
<tr>
<td>Square feet treated by stormwater facilities</td>
<td>14,500</td>
</tr>
<tr>
<td>Number of locations with permanent signs</td>
<td>1</td>
</tr>
<tr>
<td>Number of outreach materials</td>
<td>5</td>
</tr>
<tr>
<td>Number of media features</td>
<td>3</td>
</tr>
</tbody>
</table>

The Vestal Greenspace broke ground in July 2008, transforming a large portion of the Vestal E.S. asphalt playground into a green space for students to gather, play, and learn. With the work and planning of teachers, students, parents, and community members, volunteer contractors removed nearly 15,000 square feet of asphalt, then raked rocks and soil. School volunteers planted grass, native shrubs, and trees. Lastly, the group installed benches in a sitting square, decorated a fence with student-produced artistic salmon and built an informational kiosk. To complement these experiences, guest speakers taught students about salmon biology, art, and watersheds. Students visited the Bull Run Watershed to get a more on-the-ground experience of a watershed. Volunteer Coordinator Chad Honl describes the project as “…a transformative process, in which students not only learned about stormwater but also created a project that improved watershed health and their school playground to be a more beautiful and livable space.” CWSP funds supported the purchase of native plants, tools, art materials, compost and top-soil. Additionally, CWSP funds supported contracted services for asphalt removal.
Community Energy Project – Watershed Health Education

**Project Site - Workshops held in the Columbia Slough and Willamette River watersheds**

<table>
<thead>
<tr>
<th>Funding from CWSP grant</th>
<th>$5,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Funding from other sources</td>
<td>$5,750</td>
</tr>
<tr>
<td>Total project cost</td>
<td>$10,750</td>
</tr>
<tr>
<td>Total number of volunteer hours (adult)</td>
<td>30</td>
</tr>
<tr>
<td>Total number of people involved</td>
<td>55</td>
</tr>
<tr>
<td>Total number of workshops/events</td>
<td>8</td>
</tr>
<tr>
<td>Number of outreach materials</td>
<td>30</td>
</tr>
<tr>
<td>Number of media features</td>
<td>3</td>
</tr>
</tbody>
</table>

Community Energy Project (CEP) designed and conducted eight “Water to the Weather” workshops for 53 households, surpassing project goals. Participating households came from the Columbia Slough and Willamette River watersheds. Workshops took place at the Sunnyside School “Welcome the Rain” event, Rain or Shine landscape supply, Portland Nursery, and the CEP office. After the workshops, CEP staff conducted follow-up surveys to gain a greater understanding about how participants used the information and materials. The survey produced positive, value feedback that helped CEP staff further develop the workshop.

CWSP funds supported the purchase of conservation kits, printed materials, postage, curriculum DVD, and demonstration props. In addition, CWSP funds covered transportation costs, refreshments for workshops, and staff and professional services.
Urban Greenspaces Institute – Oaks Bottom Mural Project

Project Site - SE 14th Avenue and SE Bybee Street

Watershed Willamette River
Funding from CWSP grant $10,000
Funding from other sources $201,300
Total project cost $211,300
Total number of volunteer hours (adult) 10
Total number of workshops/events 13
Number of outreach materials 1
Number of media features 5

Urban Greenspaces Institute produced a 50,000 square foot mural on the Portland Memorial Mausoleum overlooking Oaks Bottom Wildlife Refuge. During the course of the project, naturalists conducted educational programs for students at Llewellyn Elementary School, and a volunteer videographer produced a video of the project. CWSP funds supported the purchase of mural supplies (including paint and scaffolding), the Audubon/Trackers NW Education Program, and video equipment to document the process.
Grant Grand Totals

CWSP Funding $140,553
Matching funding $458,549
Total number of volunteer hours 9,693
  Student volunteer hours 2,320
  Adult volunteer hours 4,271
  Professional volunteer hours 1,998
  Project coordinator volunteer hours 1,104
Total number of people involved 4,408
Total number of workshops/events 154
Number of trees/shrubs planted 11,013
Square feet riparian/upland area enhanced 183,942
Linear feet of stream enhanced 2,572
Square feet treated by stormwater facilities 24,100
Number of locations with permanent signs 19
Number of outreach materials 173
Number of media features 35
Mini Grants

The Community Watershed Stewardship Program awards gift certificates for native plants to help start or maintain projects beneficial to Portland watersheds. This year, CWSP awarded 21 Mini Grants totaling $6,350. While some previous CWSP grantees received Mini Grants, allowing them to expand the scope of their projects, numerous other stewardship groups and private property owners received CWSP funding for the first time.

**CWSP Mini Grants 2008-2009 by Watershed**

<table>
<thead>
<tr>
<th>Watershed</th>
<th>Mini Grants</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Columbia Slough</td>
<td>5</td>
<td>$1,300</td>
</tr>
<tr>
<td>Fanno/Tryon Creek</td>
<td>8</td>
<td>$2,700</td>
</tr>
<tr>
<td>Johnson Creek</td>
<td>2</td>
<td>$200</td>
</tr>
<tr>
<td>Willamette River</td>
<td>5</td>
<td>$1,561</td>
</tr>
<tr>
<td>Other (Cedar Creek Subwatershed)</td>
<td>1</td>
<td>$589</td>
</tr>
<tr>
<td><strong>Mini Grant Program Total</strong></td>
<td><strong>21</strong></td>
<td><strong>$6,350</strong></td>
</tr>
</tbody>
</table>

Mini Grants projects by watershed:

**Columbia Slough**

- **Beaumont Middle School** $200
  
  Parent volunteers completed the planting of a school ecoroof, the construction of which was funded through a 2007-2008 CWSP grant.

- **Columbia Slough Watershed Council** $300
  
  Volunteers planted native wildflowers throughout the existing wildflower meadow near the parking lot at Whitaker Ponds Nature Park.

- **Resident on N Willamette Blvd.** $100
  
  A resident on N Willamette Blvd. planted natives in a swale fed by diverted roof stormwater.

- **Vernon Elementary School PTA** $200
  
  Vernon E.S. is building a native garden phased over several years. This year, the PTA mulched and planted native edible plants.

- **Sabin Elementary School** $500
  
  Sabin E.S. coordinated a planting event at which volunteers from the school and the surrounding community planted native species in a school garden.
### Fanno/Tryon Creek

**Steward of private property along Woods Creek**
A streamside homeowner planted natives along Woods Creek in an on-going effort to restore the riparian area along the creek adjacent to his property.  

**Maplewood Elementary School**
Kindergarten students of Maplewood E.S. planted native species in the school’s outdoor classroom and native plant garden as part of an annual effort to naturescape the school grounds.

**Bridlemile Elementary School**
Fifth graders at Bridlemile E.S. restored the bioswale outside their classroom windows. This bioswale was originally installed with a CWSP grant.

**Fanno Creek Neighbors Living with Beavers**
A private landowner planted native species along Fanno Creek to reduce erosion.

**Fanno Creek Steward**
After removing invasive species, such as ivy, Portuguese laurel, and blackberry, this private landowner planted natives along a portion of Fanno Creek adjacent to her property.

**Shomrei Teva, Environmental Committee of Congregation Neveh Shalom**
As part of a long-term restoration project, members of the congregation at Neveh Shalom and community members planted natives along the banks of a Fanno Creek tributary running between the synagogue and Portland Christian Center.

**Vermont Hills United Methodist Church**
Church volunteers planted natives in an area on the north side of the main church parking lot, where Himalayan blackberry and other invasive plants had previously been removed.

**Northwest Service Academy (NWSA)**
Friends of Vermont Creek, Lucky Lab, and NWSA partnered on this naturescaping project to highlight the importance of and promote the planting of natives in the Fanno Creek watershed.

### Johnson Creek

**Lents Neighborhood Association Ramona St. Improvement**
The Lents N.A. planted natives in front of the Odd Fellows Hall at Ramona Street and SE 92nd Ave in preparation for the “Ramona Street Fair” Green Line MAX opening.

**Johnson Creek Stewards**
After removing invasive Himalayan blackberry from the riparian zone along a portion of a Johnson Creek tributary, this family planted native species using CWSP mini-grant funds.
**Willamette River**

**The Emerson School** $200

Student, parent and teacher volunteers at the Emerson School used mini-grant funds to plant native species in three sidewalk plots in the front of the school building on Earth Day 2009. Each plot is 25 square feet and treats stormwater runoff from the sidewalk.

**Hostelling International USA – Portland Hawthorne Hostel** $711

Hostelling International, Northwest Service Academy, and the Native American Youth Association partnered with this project to plant native species in the backyard of the Hawthorne Hostel.

**Look Up and See Green** $300

PSU students and community volunteers partnered together at the 2009 Village Building Convergence to construct multiple bench planters on the 4th floor Urban Center Terrace. They then filled the planters with native species, which are watered from the rooftop cistern system.

**Mt. Scott Learning Center** $250

Students, faculty, staff and AmeriCorps volunteers developed an outdoor recreation area that they planted with native species on Earth Day 2009.

**Portland Store Fixtures** $100

Staff volunteers at Portland Store Fixtures planted native species in a newly-constructed swale watered with diverted roof runoff.

**Other (Cedar Creek Subwatershed)**

**Forest Park Elementary** $589

Fifth grade classes at Forest Park Elementary revitalized the upper portion of a bioswale on school grounds. This project was the result of a partnership between the school, Northwest Service Academy, and BES Clean Rivers Education.
Each year Environmental Services, in partnership with Portland State University (PSU), offers two graduate research assistant (GRA) positions to students in the Urban and Regional Planning program. The GRAs serve as the Grant Coordinators for CWSP, managing the day-to-day activities of the program and assisting grantees with project scoping, grant paperwork, and reimbursement. The coordinators do outreach to the community via the BES website, grant writing workshops, and other events. In addition, they act as student liaisons to PSU helping to create opportunities for undergraduate students to become involved in environmental stewardship activities. This year, Emily Rice and Kate Carone filled the GRA positions. GRA activities and accomplishments include:

**Outreach and Education Activities**

- Received 13,144 hits on the grants web page.
- Mailed CWSP brochures to 1,024 community members.
- Presented to PSU undergraduate class “Community and the Built Environment” about environmental stewardship and careers; reached 75 students and resulted in two Mini Grant awards.
- Strengthened the relationship between PSU undergraduate students and CWSP by providing opportunities for undergraduate students to become involved in stewardship activities through the PSU Student Leader for Service liaison and involvement in capstone classes.
- Presented on CWSP to PSU President’s Umbrella Tour; reached 12 professionals from the community.
- Presented a lecture on Stormwater Management Integrated Solutions to a PSU “Women and the Environment” class; reached 21 students.
- Represented CWSP at the Urban Ecosystem and Conservation Symposium hosted by PSU.
- As the 2008 Jimmy and Rosalynn Carter Partnership Award for Campus Community Collaboration recipient, CWSP representatives attended the 2009 PSU Simon Benson Awards Dinner. Rosalynn Carter was the keynote speaker.
- Participated in the Tabor to the River Stormwater Bike Ride; reached 49 community members.
- Held two workshops at the Springboard “Financing the Good” Forum; reached 16 community members.
**Stewardship Activities**

- Partnered with AmeriCorps and EnviroCorps volunteers to replant a bioswale with students at Bridlemile Elementary School, reached 66 students.

**CWSP Grant Support**

- Awarded 21 Mini Grants totaling $6,350.
- Awarded 17 CWSP grants totaling $140,553.
- Conducted three grant information and writing workshops in the community, describing the grants program and how to apply, reaching 19 participants.
- Conducted one permit workshop for grantees, reaching 10 participants.
- Provided technical and project scoping assistance as needed.
- Held a beginning year orientation meeting for 17 grantees.
- Visited each grant site once at individual mid-point meetings.

To learn more about the projects funded through the Community Watershed Stewardship Program or for information on how to apply for a CWSP grant or Mini Grant, contact the Grant Coordinator at 503-823-7917.
Every year, AmeriCorps Northwest Service Academy partners with Environmental Services to provide support for a variety of CWSP events and program development. During 2008-2009, AmeriCorps member Emily Hill made contributions to CWSP, as described below.

**Stormwater Stewardship Coordinator**
Emily Hill focused her work on community outreach and education. In doing so, she partnered with businesses, schools, and non-profit organizations to do native plantings, bioswale maintenance and ecoroof planting design. In addition, Emily developed an ecoroof insect sampling protocol to provide baseline data for future terrestrial ecology enhancement efforts. Emily also coordinated a community mural project at the Hawthorne Hostel and highlighted the Hostel’s sustainable stormwater management system through community outreach and education.

**Stewardship Activities**

**Lucky Lab Naturescaping Project**
- Designed planting plan and partnered with the Friends of Vermont Creek to plant 130 native plants in the SW Lucky Lab outdoor seating and parking area.

**Hawthorne Hostel Naturescaping Project**
- Designed planting plan and engaged 20 Native American Youth Association spring break campers to plant 250 native plants at the Hostel.

**Forest Park Elementary Bioswale Planting**
- Selected plants and transformed grassy swale by planting 120 native plants with 95 students.

**Bridlemile Elementary Bioswale Maintenance and Planting**
- Designed planting plan and worked with CWSP Grant Coordinator to lead 60 students, 10 adults, and 10 AmeriCorps field team members to plant 150 native plants.

**Hawthorne Hostel Cistern Mural Project**
- Coordinated with Hawthorne Hostel and volunteer artist to hold five open house painting events to create a mural on the back of one of the Hostel’s innovative rainwater cisterns.
- To date, 15 community members have painted the mural and an additional 30 community members have been educated about the Hostel’s innovative rainwater demonstration project.
Overlook Neighborhood Demonstration Ecoroof and Sustainable Stormwater Management Walking Tour
- Assisted homeowners with ecoroof plant list selection and planting plan design.
- Worked with homeowners, Ecoroofs Everywhere, Dan Manning PC, and 25 volunteers to install ecoroof root barrier, soil, and plants.
- Over 100 neighbors viewed the project in progress.
- Led 12 community members on a sustainable stormwater tour in Overlook Neighborhood.

Friends of Trees Ecoroof Revitalization
- Created plant list and designed planting plan, worked with Friends of Trees staff to plant 1,000 plants (100 natives).

Hosford Arbor Week Tree Planting
- Planted two commemorative trees with 12 middle school students.

Earth Day Tree Planting at Harriet Tubman Middle School
- Worked with Friends of Trees to plant 4 trees with 12 middle school students.

Community Outreach and Education

Park(ing) Day on Clinton Street
- Education and outreach to 20 community members.

Wallace Park Earth Day Event
- Education and outreach to 50 community members.

Columbia Slough Watershed Council Celebration and Awards Dinner
- Showed Landscapes for Rain: Art of Stormwater and performed in awards skit at the celebration (250 attendees).

Research and Development

Stormwater Cycling Tour
- Revised map sites for this self-guided tour, revised text, and developed new bike route with guidance from Bureau of Transportation.

Ecoroof Insect Surveys
- Designed survey methodology for an arthropod inventory on three Portland ecoroofs and one conventional roof.
- Collected over 500 insects.
- Insect fieldwork featured in Oregon Field Guide program.
- Produced report of findings for Sustainable Stormwater Management team and provided recommendations for future studies.

Reimagine Your Neighborhood Exhibit
- Worked with Tabor to the River intern to design and create a model of a Portland neighborhood featuring miniature stormwater retrofits. This outreach item is used at events to educate the public about watershed health and innovative stormwater management technologies.