

**Application for  
Community Watershed Stewardship Grant  
2004-2005**

**Albert Kelly Park (S.W. Portland) Restoration**

**Submitted by  
Bridlemile Creek Stewards  
May 14, 2004**

**Authors:**

**Steve Mullinax ([steve.mullinax@alum.mit.edu](mailto:steve.mullinax@alum.mit.edu), 503.768.9065)**

**Greg Schifsky ([gregsch@hevanet.com](mailto:gregsch@hevanet.com), 503.246.2714)**

# Application

Community Watershed Stewardship Grant Program, 2004-5

## Part A: General Information

Project Name: Albert Kelly Park Restoration

Project Coordinator: Greg Schifsky & Steve Mullinax

Organization/school name: Bridlemile Neighborhood Creek Stewards (also referred to in this grant application as Bridlemile Creek Stewards, or BCS.)

Mailing Address: 4131 S.W. Lee St.

City: Portland State: OR Zip: 97221-3667

Telephone (day/evening): 503.246.2714 (Greg), 503.768.9065 (Steve)

Email: email: [gregsch@hevanet.com](mailto:gregsch@hevanet.com), [steve.mullinax@alum.mit.com](mailto:steve.mullinax@alum.mit.com)

Fiscal Agent: Southwest Neighborhoods, Inc (SWNI) Tax ID number of fiscal agent: 93-0717013

Type of Project (check all that apply):

<input checked="" type="checkbox"/> Cleanup	<input type="checkbox"/> Interpretive signage	<input type="checkbox"/> Enhancement	<input type="checkbox"/> Publication
<input type="checkbox"/> Monitoring	<input checked="" type="checkbox"/> Education	<input checked="" type="checkbox"/> Revegetation	
<input checked="" type="checkbox"/> Restoration	<input type="checkbox"/> Site maintenance	<input type="checkbox"/> Special Event	
Other (explain):			

Amount requested from CWSP Grant \$5,000 (Maximum available is \$5000)

Funding from other sources \$22,800

Total project cost \$27,800

Is this project a multi-year project? Yes (year 2 of 3)

Project year 2:

Estimated Start Date: 1 July 2004 Estimated completion date: 30 June 2005

Completion of project year 3 estimated 30 June 2006

## Part B: Project Location

Location of project site (closest street address): Albert Kelly Park, SW Portland, see map.

Attached map: Albert Kelly Park Location

Name of immediately impacted water body: Unnamed Fanno Creek Tributary

Check Watershed:	Balch Creek	<input checked="" type="checkbox"/> Fanno Creek	Tryon Creek
	Columbia Slough	Johnson Creek	Willamette River

**Site photos:** see attached composite photo, titled "Albert Kelly Park, Area 1b"

Additional site photos, along with documentation of work history on the site are available from the Albert Kelly Park Creek Restoration web page, <http://www.vonsalza.com/akcr/>, maintained by Victor von Salza.

## Part C: Project Proposal

### Section I: Project Summary

**Site Description:** The site is a streamside buffer on an unnamed tributary of Fanno Cr. (See attached maps: Albert Kelly Park Restoration Site, and Albert Kelly Park Neighborhood.) The surrounding area of the park is mowed grass, used for recreation. Facilities include children's playground equipment on the E. and a soccer field on the W. The stream enters a culvert at the downstream end of the restoration site. The upper two-thirds of the site (Area 1 on the site map) is wooded, with Douglas fir dominant. Understory non-native plants include cherry, English holly, hawthorn, ornamental plums and English laurel. Invasive English ivy and Himalayan blackberry are dominant groundcovers in the remaining uncleared area. The lower third of the site (Area 2, 13,800 sq. ft.) has sparse trees and shrubs. Soils within areas 1b and 1c are impacted by demand trails, exposing bare soil to erosion. Silt, suspended solids, and dog feces run off, degrading water quality to Fanno Creek downstream.

The site is part of a contiguous stream reach which includes the River Renaissance mitigation project in the St. Andrew's Presbyterian Church parking lot (see neighborhood map). Below the site, the stream enters a culvert draining to the Fanno Creek mainstem. This grant complements the church mitigation project site, as well as the recent BES revegetation on Fanno Creek.

**Project Description:** 2004-5 is the second year of a proposed three-year restoration project. Area 1 is divided into areas 1a, 1b and 1c. (See restoration site map.)

In 2003-2004, invasive ground-cover removal was completed in area 2. Native trees and shrubs were planted to replace blackberry cover. Area 1a (7,200 sq. ft.) was cleared of non-native groundcover and understory species and replanted. In addition, 4,100 sq. ft. in area 1b was cleared.

Area 1b (8,900 sq. ft.) is proposed for revegetation in 2004-5. Area 1c (10,100 sq. ft.) will be restored in the following year. Revegetation will be done with appropriate native species. Donations and grants to install temporary fencing to protect plantings in area 1b from foot traffic are being pursued. Fencing will remain in place three to four years. After groundcover removal from area 1, non-native trees will be felled to create a barrier to foot traffic. Stream bank and upland stabilization using erosion control netting and logs available from this site. As with revegetation, stabilization measures will be phased in in areas 1b and 1c. Maintenance includes maintenance watering newly planted zones the first summer from about 1 June 2004 through the first week in September, 2004 and continued monitoring and removal of invasives.

Bridlemile Creek Stewards will install a temporary fence to protect plantings in area 1b. No plantings and no fencing will be done in area 1c during the 2004-2005 grant period.

Bridlemile Creek Stewards' volunteers will continue maintenance in Hamilton Park. (Wooded area restored under 2001 and 2002 CSWG s.) Weekly visits to the site to visually monitor turbidity, trash dumping, vandalism, health of plants and the positioning of erosion control devices.

**Habitat and water quality benefits:** Extension of tree canopy and replacement of invasive groundcovers enlarges the buffer, adds structural and plant species diversity, providing improved cover, nesting and feeding. Combined with revegetation of soil exposed by demand trails, improves filtering of runoff, reducing particulates and dog feces. Temporary fencing and felling understory non-native trees reduces foot traffic and attendant erosion and damage to vegetation. Moderates and buffers runoff volume. Removal of non-native plant ground cover ensures better medium for native plant seed. Provides a future seed bank of native plants and forest floor that will accommodate native forbs, grasses, trees and shrubs.

**Educational components:** Concerned neighborhood groups include Bridlemile and Hillsdale Neighborhood Associations, SW Trails and local school, religious and citizen groups. Educational focus is on the importance of watershed and habitat health, and the associated benefits of the restoration. We convey the project's scope and purpose, emphasizing the goal of establishing a healthy native plant community and the benefits of improved habitat and water quality. We educate neighbors and park users on project components, methods and schedule. We address removal of marked non-native trees; restrictions and/or changes to current uses; BES best practices, including spot-spraying of herbicides by licensed technicians; fencing, and reduced access to wooded areas.

Outreach includes neighborhood and civic groups, door-to-door canvassing, articles in local newspapers, temporary signs in the park, Bridlemile NA and BCS web sites, email using BCS and NA lists, and neighbor contact lists from canvassing and prior projects. BCS will coordinate with the Bridlemile and/or Hillsdale neighborhoods to hold a Neighborhood Night Out in Albert Kelly Park in August, 2004.

## Section II: Community Partnerships

Bridlemile Creek Stewards project coordinators roles:

- Steve Mullinax and Greg Schifsky have six years of practical experience in watershed restoration and have taken courses to complement this experience. They make their knowledge and experience available to interested citizen groups. (Churches, Gabriel Park Watershed Resource Center, Neighborhood Associations, schools, etc.)
- Overall planning and management of project, including assignments of volunteers and partners.
- Lead for public outreach, including prior notice to neighbors of BES and volunteer crew activities on-site, volunteer recruitment, solicitation of partner involvement.
- Organize monthly BCS meetings for project coordination and community outreach.
- Creation of outreach materials through volunteers and partners.
- Procurement of materials, supplies and plants.

<b>Partners: Roles committed through 17 April 2003</b>	
<b>Partner</b>	<b>Role</b>
BES Revegetation Crew (Darian Santner)	Follow-up with continued invasive removal and vegetation monitoring throughout this growing season and the remaining years of the project. If the survival falls below an acceptable percentage, consider interplanting. Darian anticipates BES crews being at the site 2-3 times per year as necessary. Be available to answer phone calls and attend some neighborhood meetings.
BES	Naturescaping coordinator assistance. Supply tools on loan.
Portland Parks & Rec	Review plans for conformance with park maintenance procedures and best restoration practices. Provide technical advice on plant communities and plant choice for best adaptation; sources for erosion control materials.
Bridlemile and Hillsdale Neighborhood Associations	Organize and promote contacts and education of neighbors, park users and interested organizations.
SWNI	Fiscal agent. Administrative services. Publish notices and information.
Tualatin Riverkeepers	Publicize events. Assist volunteer recruitment. Run newsletter articles about project. Facilitate organizational development. Provide speakers and informational displays at community events. Facilitate links to other watershed stakeholders.
Clackamas County Extension Service	Director provides technical expertise and connection to OSU and state watershed agencies. Students monitoring Hamilton Park macroinvertebrates available for outreach to children and citizens in Albert Kelly Park.
Neighbors near park. Households near the park canvassed 2003-2004. Names and contact information on request.	Invasive removal, outreach, watering, refreshments for events. (Neighbors participated regularly in work parties held between June, 2003 and April, 2004. Of the households canvassed, none were opposed to the project.)
Schools and student groups. (Past contributors include Lincoln HS, Catlin Gable, Robert Gray Middle School, Bridlemile School, Boy Scouts and Brownies)	Student volunteers for invasive removals and planting.
Local businesses. (Past contributors include Albertson's, Nature's Fresh Northwest, Hot Lips Pizza, New Seasons, Starbucks, Noah's Bagels.)	Contribute refreshments for events.

**Section III: Timeline (1 page maximum)**

Note: BCS is Bridlemile Creek Stewards; BES is Portland Environmental Services Revegetation Program; TRK is Tualatin Riverkeepers; NA s are Neighborhood Associations.

<b>Time-Frame</b>	<b>Description</b>	<b>Who</b>
<b>Within scope of 2004-5 grant.</b>		
July, 04	Neighborhood engagement in Albert Kelly Park activities. Work party to remove invasive plants, install erosion control devices if enough area is primed.	BCS
Aug., 04	Neighborhood Night Out for Bridlemile & Hillsdale Neighborhoods in Albert Kelly Park.	Bridlemile & Hillsdale NA s.
Aug-Oct, 2004	Remove of invasive groundcover: Area 1b.	BCS
	Install temporary fence, area 1b.	BCS
	Fell marked non-native trees, entire site.	BES
	Harvest woody debris from felling of non-native trees. Deploy to anchor slopes and stream banks.	BCS
Q4, 2004	Continue invasive removals in Area 1b	BCS
Q1, 2005	Plant native plants, Area 1b. Approx. 1000 shrubs & trees.	BCS
Q2, 2005	Watering newly planted natives.	BCS, neighbors
	Educational outreach to schools & interested parties	BES, TRK, BCS
	Apply for additional grant for 2005-6 phase of project.	BCS
	Watering newly planted natives.	BCS, neighbors
<b>Beyond scope of 2004-5 grant. To be covered under future grants.</b>		
Q3, 2005	Invasive removals, area 1c.	BCS
	Watering newly planted natives, area 1b.	BCS, neighbors
Q4, 2005	Plantings, area 1c.	BCS
Q2, 2006	Watering newly planted natives. (Continues Q2 & Q3 each year until completion of two summers following final plantings.)	BCS, neighbors

Section IV: Budget (1 page maximum)

**BUDGET 2004 - 2005 Community Watershed Stewardship Grant**

Activity/Expense	CWSP Funds			Total
Neighborhood outreach/education				
Hall rental	50			
Advertisement	70			
Total outreach/education				120
Office Supplies	150			150
Plant Materials				
Albert Kelly Park	2,200			
Hamilton Park	200			
Total plants				2,400
Maintenance, inc. water	400			400
Coordination Fees	600			600
Gas/mileage	150			150
Equipment/fencing materials	300			300
Erosion Control Materials	880			880
<b>Totals</b>	<b>5,000</b>			<b>5,000</b>

**Additional Expected Revenues (in-kind)**

Volunteer hours:	Hours	Rate/hr.	Total	Contributors
Student volunteers	300	7	2100	Catlin Gabel School, Girl Scouts, Boy Scouts, various school groups
Adult volunteers	500	14	7000	BCS, neighbors, St. Andrews, community groups.
Professional volunteers	500	25	12500	Greg Schifsky, Steve Mullinax, Victor Von Salsa, other BCS volunteers, SWNI.
Total volunteer value				21600
Materials (Erosion controls, plant materials)				750 Greg Schifsky, neighbors.
Media resources				200 SWNI, TRK, Fans of Fanno Creek, SOLV, Ash Creek Press, Multnomah Village Post, Southwest Connection, The Oregonian
Office supplies				50 SWNI, BCS volunteers.
Food & beverages				200 Community Businesses. Past contributors include Starbucks, Noah's Bagels, Natures or WildOats stores, New Seasons market, Albertson's.
<b>Total in-kind</b>				<b>22800</b>
<b>Total budget</b>				<b>27,800</b>

**Exhibit A**  
**Scope of Work**  
**Community Watershed Stewardship Grant**  
**Bridlemile Creek Stewards**  
**4 May 2004**

Reference CWSG grant application body for timeline and detailed roles and responsibilities.

Work to be accomplished includes:

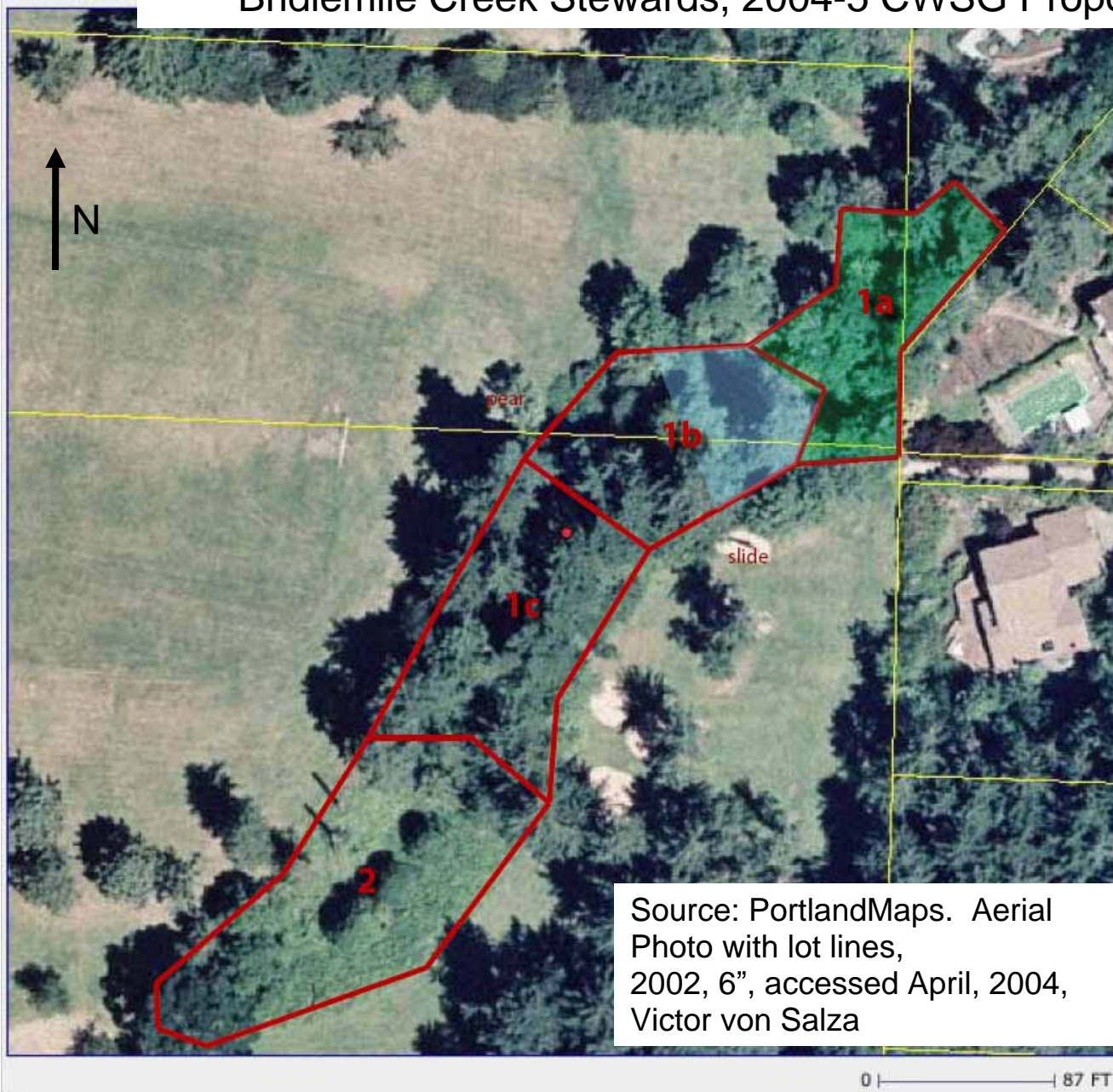
1. Provide education for neighboring residents, volunteers and participants on the importance of enhancing our riparian and upland areas to a more natural state. Foster a sense of neighbors helping neighbors in creek zones and the recruitment of new advocates. Neighborhood outreach meeting.
2. The removal of invasive plant species in Albert Kelly Park. (Areas 1b in attached map.)
3. Revegetation with native plant species in areas 1b.
4. Stream bank and upland stabilization using erosion control netting and bio-bags in area 1b. Stream bank and upland stabilization of area 1b using logs available from this site. Stream bank and upland stabilization in Area 2 using erosion control netting and bags and placement of logs that will be staked to slopes.
5. Continued maintenance of areas in Hamilton Park restored under previous CWSG grants. (Monitor for invasive regrowth, watering.)

# Albert Kelly Park Location



# Albert Kelly Park Restoration Site

Bridlemile Creek Stewards, 2004-5 CWSG Proposal



Estimated Area	
Area	sq.ft.
1a	7177
1b	8909
1c	10103
2	13823
<b>Total</b>	<b>40013</b>

# Albert Kelly Park – Neighborhood



St. Andrew's Church mitigation site

Proposed restoration site

# Albert Kelly Park, Area 1b



Composite photo, Area 1b, April, 2004. Shows the west stream bank downstream from the bridge. The area shown has been partially cleared of invasive vegetation. Photo by Victor von Salza.