

U of W Restoration Ecology Network RFP Form

Question 1. Client Name: Scott Moore

Question 2. Organization: Snohomish County Public Works, Surface Water Management

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Question 7. Name of Project: Moser Creek & Wetland Restoration Project

Question 8. Site Location (city, county, watershed, cross-streets, section, township, range):

Just outside city of Everett, Snohomish County on Mosher Creek, a tributary to Ebey Slough of the Snohomish River Estuary. Located near north terminus of Fobes Rd. Nearest address is 3717 Fobes Rd. Section 35, Township 29, Range 5E.

Question 9. Site Description: (Size of project area, topography, watershed positioning, level of disturbance, existing land use):

The project site is located immediately downstream of a concrete box culvert that directs Mosher Creek under Fobes Rd. The creek turns north along Fobes Rd to the east and is constrained on the west by a levee. The stream runs north for approximately 1600' linear ft before reaching an undiked portion of the Ebey Slough. Project size is estimated to be about 1 acre. The stream is influenced by tidal fluctuation but is entirely fresh water. Stream corridor is dominated primarily by reed canarygrass (*Phalaris arundinacea*), with both Himalayan blackberry (*Rubus armenicus*) and bittersweet nightshade (*Solanum dulcamara*) as minor components. Current land use designation for this work area is open space designated for passive recreation and owned in its entirety by Snohomish County. The local drainage district that historically maintained this area was disbanded in 1999. Beaver activity present.

Question 10. Project Goals & Objectives (What is to be accomplished and why):

Goal: Maximize riparian function in Mosher Creek by 1) reducing vegetative cover of invasive plants; 2) deter invasion of project area by purple loosestrife (*Lythrum salicaria*); and 3) reestablish native plant community typical of tidally influenced lower floodplain based on nearby reference site.

Question 11. Deliverables (What are the deliverables you expect from the UW-REN student Group):

1. Preliminary site assessment to evaluate project feasibility and determine reasonable project size and scope.

2. Analysis of reference sites downstream and upstream including plant community typing, species list for each stratum, elevations relative to ordinary high water and potential inundation times
3. Project scope and proposal with 2-3 yr timeline for project completion
4. Phased work schedule and estimation of time, labor, money to complete project
5. Planting plan and proposal for acquiring appropriate plant materials
6. Post project maintenance and monitoring plan
7. Final report

Question 12. Reference Material (what reference information can be provided to assist in the research and development of the project goals/ baseline data, reports, site reconnaissance information):

Snohomish County possess a number of reports, studies, and images from the Snohomish Estuary to guide this restoration project. Most are available currently on our website. Materials will be supplied on request.

Question 13. Volunteer Resources (If volunteers are going to assist in aspects of the project does your organization have access to a volunteer resource pool):

The Snohomish County Native Plant Program has a substantial pool of volunteers available to assist UWREN Capstone students in on the ground activities on the site. A Washington Conservation Corps Crew and at large volunteers will be provided as needed.

Question 14. Other Relevant Information:

Immediately upstream of this project is our Mosher Creek Wetland Restoration project that has been underway for 2 years with scheduled volunteer & work crew planting taking place this fall. It may be a good opportunity for Capstone kids to check out the site and see our work to date.