

2011 Environmental Stewardship Project Task List
September 2010 - Proposed
July 2011 - Updated/Approved

Site	Category	Zone	Task Description	Priority	Timing
				1,2,3	Spr, S, F, W
Yowkwala	Invasive Species	Beach/Backshore	Control Pepperweed population	1	Spr, S, F, W
Yowkwala	Invasive Species	Beach/Backshore	Remove invasive species per Trustee direction. Suggested species include: butterfly bush, blackberry, pampas grass, Scott's broom.	1	Ongoing
Yowkwala	Human Impacts	Hillslope	Regrade, mulch and plant social trail from treeline down to beach.	2	F (2011)
Yowkwala	Supplemental Planting	Backshore	Continue invasive removal in burned area. Create overall planting plan for entire area.	2	F (2011)
Yowkwala	Supplemental Planting	Backshore	Increase plant diversity of backshore areas	2	F (2010)
Yowkwala	Supplemental Planting	Backshore	Remove invasives and replant burned area. Effort has begun.	3	Any
Yowkwala	Human Impacts	Beach/Backshore	Dismantle/Remove beach "party" house	2	
Skookum Wulge	Invasive Species	Backshore	Control Pepperweed population	1	Spr, S
Skookum Wulge	Invasive Species	Uplands	Remove additional invasive species as directed at the South end of site. Species present include blackberry, knotweed, nightshade, morning glory, and ivy.	1	S (2011)
Skookum Wulge	Supplemental Planting	Uplands	Place topsoil as needed following invasive removal on South end of site and prior to planting.	1	S (2011)
Skookum Wulge	Supplemental Planting	Uplands	Provide erosion control, and replant with native species on the South end of site. Possible use of dri-water for irrigation.	1	S (2011)
Skookum Wulge	Fencing	Uplands	Place perimeter fencing (chain and bollard) following replanting of upland areas to help prevent dumping.	1	F, W
Skookum Wulge	Supplemental Planting	Backshore Embayment (South end)	Enhance beach plant community. During recent clearing work in the south area a small potential marsh area was uncovered. Propose to establish as high salt marsh habitat.	3	F (2011)
Skookum Wulge	Erosion	Beach/Uplands	Create conceptual design and estimate for placement of LWD on beach in front of erosional areas	2	S
Squally Beach	Invasive Species	Marsh/Islands	Control Pepperweed population	1	Spr, S
Squally Beach	Invasive Species	Woods/Alder Grove	Remove additional invasive species per Trustee direction. Suggested species include: knotweed and blackberry.	1	Ongoing
Squally Beach	Human Impacts	Marsh	Cut and remove exposed fish netting to the extent it will not damage plants during removal.	3	Ongoing
Squally Beach	Invasive Species	West Woods/Tribal Property	Inject knotweed population to the west to control encroachment onto site (phased approach over time)	1	S (2011)
Squally Beach	Supplemental Planting	Woods/Alder Grove	Enhance riparian area with additional tree/shrub planting	3	F
Squally Beach	Fencing/Erosion	Islands/Beach	Repair 30 feet of wood debris exclusion fencing at mouth of the west marsh.	2	F
Squally Beach	Supplemental Planting	Islands	Plant islands with high marsh species	3	Spr
Mowitch	Invasive Species	Riparian F1-F7	Control Pepperweed population	1	Spr, S
Mowitch	Invasive Species	Riparian F1-F7	Remove additional invasive species per Trustee direction. Suggested species include: blackberry and phragmites.	1	Ongoing
Mowitch	Human Impacts	Marsh	Cut and remove exposed fish netting to the extent it will not damage plants during removal.	3	Ongoing
Mowitch	Invasive Species/Plant Vigor	Riparian F1-F7	Weed and spot mulch around native plants in the riparian area	2	F (2010)
Mowitch	Fencing	Riparian F1-F7/Marsh	Remove goose exclusion fencing where plant establishment has been successful. Repair as needed in areas where it is to be left in place.	2	Ongoing
Mowitch	Supplemental Planting	Riparian F1-F7	Enhance riparian area by planting both native shrubs and canopy species	2	F (2010)
Mowitch	Supplemental Planting	Marsh	Expand planting areas on the islands with the successful salt marsh species	2	Spr (2011)
Mowitch	Fencing	Riparian F-1	Install gate to property	3	Any
Jordan	Invasive Species	Marsh	Control purple loosestrife population	1	S
Jordan	Invasive Species	Riparian	Continue to keep blackberry at bay to the east of restored area (i.e. on side of trail away from creek)	1	W, Spr
Jordan	Invasive Species	Marsh/Uplands	Remove additional invasive species per Trustee direction. Suggested species include: reed canary grass, purple loosestrife and blackberry.	1	Ongoing
Jordan	Supplemental Planting	Riparian	Plant on the east side of the trail in the flat area located in between platform 1 and 2.	1	F (2011)
Jordan	Supplemental Planting	Riparian	Work with Trustees to create and implement solutions in areas affected by alder thinning actions.	1	Spr (2011)
Jordan	Plant Vigor	Uplands	Thinning of alder. (Criteria proposed - clearing of alder in a 3 foot radius around planted native species, thinning the limbs).	1	Spr, S
Middle Waterway - Simpson	Invasive Species	Uplands	Remove invasive species per Trustee direction. Suggested species include: blackberry.	1	Ongoing
Middle Waterway - Simpson	Mulch	North Bank/SouthBank	Mulch riparian area around new plantings.	2	F (2010)
Middle Waterway - Simpson	Supplemental Planting	North Bank/SouthBank	Enhance riparian area with shrubs, ground cover and trees	2	F (2010)
Middle Waterway - Simpson	Fencing/Supplemental Planting	Sandspurry Beach	Extend goose exclusion and plant new salt marsh areas	2	Spr

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Middle Waterway - City	Invasive Species	Riparian	Remove invasive species per Trustee direction. Suggested species include: white sweet clover, butterfly bush, pampas grass, nightshade, blackberry, reed canary grass, and spotted knapweed.	1	Ongoing
Middle Waterway - City	Access	Riparian	Continue to maintain access points	3	Ongoing
Middle Waterway - City	Supplemental Planting	Riparian/Upper Marsh	Enhance riparian areas with conifers along East F St. and along the back side of the substation	1	F
Middle Waterway - City	Plant Vigor	Riparian	Maintain trail to sign	3	Spr
Middle Waterway - City	Aesthetics/Access	Riparian	Cut vegetation back 3-6 feet from sidewalks on East 11th St.	3	Spr
Olympic View - City/DNR	Invasive Species	Riparian/Beach	Control Pepperweed population	1	Spr, S
Olympic View - City/DNR	Invasive Species	Riparian/Beach/Triangle perimeter	Remove additional invasive species per Trustee direction. Suggested species include: tansy ragwort, nightshade, blackberry, and white sweet clover.	1	Ongoing
Olympic View - City/DNR	Erosion	Beach/Marsh	Monitor sedimentation/erosion in salt marsh and beach shift	2	S, W
Olympic View - City/DNR	Plant Vigor	Riparian/Triangle	Thin out cottonwood. Possibly transplant to front of Capital warehouse walkway	1	F
Olympic View - City/DNR	Supplemental Planting	Riparian	Add to riparian species diversity and area. Trustees to work with DNR on responsibility.	2	Spr (2011)
Olympic View - City/DNR	Supplemental Planting?	Beach/Marsh	Needs additional salt marsh plantings based on observed survivability. Trustees to work with DNR on responsibility.	1	Spr (2011)
Tahoma Salt Marsh	Invasive Species	Marsh	Control Pepperweed population	1	Spr, S
Tahoma Salt Marsh	Invasive Species	Riparian	Remove additional invasive species per Trustee direction. Suggested species include tansy ragwort, nightshade, blackberry, and thistle.	1	Ongoing
Tahoma Salt Marsh	Large Woody Debris	Marsh	Re-anchor large woody debris in place	1	F
Tahoma Salt Marsh	Trash	Marsh	Remove wood (plywood with nails)	1	F
Tahoma Salt Marsh	Plant Vigor	Riparian	Pull grass away from plants	1	F
Tahoma Salt Marsh	Supplemental Planting	Marsh	Plant bare salt marsh area at the south end near the outfall	1	Spr (2011)
Swan Creek	Invasive Species	Riparian/East and West Bank	Remove invasive species as directed. Species present include Scotch broom, morning glory, blackberry, reed canary grass, knotweed	1	Ongoing
Swan Creek	Fencing	Riparian	Chain and bollard fence at north end needs to be replaced to prevent dumping	2	F, Spr
Swan Creek	Supplemental Planting	Riparian	Additional plants needed on roadside slope where invasives have been cleared	2	F, Spr
Swan Creek	Fencing	Riparian	Fencing needs to be replaced/repared defining the boundary between Lil Red Smokeshack property and restoration property once site is cleaned up by tribal efforts. Tribe to replace as part of re-development?	1	Any
All Sites	General		Cover rebar tops with caps	1	Ongoing
All Sites	General		Re-establish photopoint monitoring locations as needed with GPS	1	Ongoing
All Sites	General		Garbage pickup (in accordance with SOW)	1	Ongoing
All Sites	General		Locate marsh stock suppliers	2	Ongoing
All Sites	General		Clean signs as needed	2	Ongoing
All Sites	General		Hire photographer to take photos at all sites. Included in NRDA IKS proposal.	1	Late Spr/S
All Sites	General		Create brochure for public distribution with directions and descriptions of NRDA Commencement Bay restoration. Included in NRDA IKS proposal.	1	S (2011)
Color Legend:					
Ongoing					
Planned					
Completed					
Proposed, New (2011)					
Deleted from Scope					
Not Begun					