

ID	Location	Action Type	Action Recommendation	Criteria (Correa 2002)					Comments
				Proximity to Priority Watersheds (max 3)	Spacial Scale (max 5)	Ecological Scale (max 5)	Temporal Scale (max 3)	Total (max 16)	
Protection Projects (No Scoring)									
7	Doe-Keg-Wats	Protection	Protect 35 acre pristine Salt Marsh. Look into the acquiring a conservation easement to protect salt marsh.						Edmonds oil spill hit this marsh in January 2004. Most of the salt marsh belongs to The Suquamish Tribe and part belongs to Camp Indianola.
8	Nooschkum Point, Miller Bay	Protection	Protect 3 acre spit and marsh. Good candidate for conservation easements. Approach Kitsap County to purchase marina (North of point)						There are 7 cabins located adjacent to the spit. The spit is privately owned but currently in open space designation.
12	Dogfish Bay Salt Marsh	Protection	Protect Salt Marsh located at NE Virginia Pt Road. Look into a conservation easement. Investigate culvert at road to determine if there is a tidal constriction.						Private ownership (currently Donald Monroe)
18	Mosher Creek Estuary, Dyes Inlet	Protection	Protect estuary						Possible restoration. Need more information.
36	Southworth Point	Protection	Protect habitat						Ecology photo: 105148

46	Burley Lagoon/Burley Creek (Upper Lagoon)	Protection	Protect functioning estuary habitat						
47	Minter Creek Estuary	Protection	Preserve riparian zone. Pursue conservation easements						Identify specific actions or move to general recommendations?
52	Rocky Bay	Protection	Protect functioning estuary habitat						Tier 1 Stream
53	Coulter Creek Estuary	Protection	Investigate what can be restored after the hatchery closes down. Protect functioning habitat						
15	Illahee Creek Estuary	Protection	Protect small salt marsh. Approximately .73 acre						There is a current permit to build a 5000 ft ² house directly on the spit.
42	Wollochet (Bitter) Creek 15.0080/0081, Garr Creek 15.0080, and tributaries	Protection							Need more information. Artondale is somewhat restricted. Wollochett restricted

Restoration Projects									
21	Chico Creek Estuary, Dyes Inlet	Restoration	Replace the culverts at the SR 3 and Kittyhawk Drive crossings with bridges of sufficient size to allow unrestricted fish passage at all flows, as well as passing sediment and debris; this would allow removal of the upstream Dept. of Transportation trash rack, which is a fish passage barrier when clogged with accumulated debris. Restore stream utilization of historic estuarine delta. Estuarine conditions downstream of the culvert at the mouth of Chico creek are generally good, although the extent of estuarine influence is limited by the routing of the creek through a confined culvert at the mouth. Review of historic aerial photos indicates the mouth of the creek may have historically moved across a broader estuarine interface. Estuarine function could be improved by increasing the number and/or width of openings under SR 3, which may also eliminate the need for Dept. of Transportation to maintain the trash rack upstream. Approximately 20 acres	3	5	5	3	16	This is a huge project and will require multi-agency participation. Good PSNERP project.

24	Gorst Creek Estuary 15.0216 and extension as 15.0224, Unnamed (Bailey's) Creek 15.0217, Jarstad Creek 15.0218, Parish Creek	Restoration	Restore estuarine function (will require acquisition of historic floodplain/estuary from the mouth to Jarstad Park). Pull back intertidal fill at old Port of Bremerton landfill north of Gorst; restore natural shoreline configuration and function. Remove collapsed riprap and debris (from roadside armoring from intertidal area. Protect highly productive, shallow intertidal areas of Sinclair Inlet; avoid armoring of additional armoring where practicable. Reconnect estuarine component north of Gorst Creek that was cut off by construction of the rail line.	3	5	5	3	16	Paul Dorn will provide better description of all the actions needed in the Gorst Area of Sinclair Inlet.
6	Carpenter Creek Estuary, Appletree Cove	Restoration	Replace undersized culverts under South and West Kingston roads with bridges to restore natural tidal hydrology and estuarine functions to approximately 26.2 acres. Remove intertidal fill and restore saltmarsh and riparian habitat where disturbed.	1	5	5	2	13	South Kingston Road culvert scheduled to be replaced Summer 2005 (SRFB Grant).
35	Little Clam Bay, Manchester	Restoration	Replace tide gate with a bridge and restore historic estuary/nearshore in Little Clam Bay. Would restore over 23 acres of estuary habitat functions.	0	5	5	3	13	Currently Little Clam Bay is being used to culture Olympia oysters.
54	East Oro Bay, Anderson Island (AU 14.09)	Restoration	Remove dike that separates a large marsh and wetland from the rest of East Oro Bay. Removal of the dike would greatly expand the area of saltmarsh habitat and substantially improve habitat.	0	5	5	3	13	Private property and unwilling landowner

38	Olalla Creek 15.0107 and Unnamed 15.0108-0113	Restoration/Protection	Pursue acquisition of house and property at upper end of estuary that constricts tidal interchange in the Olalla Creek channel and in Unnamed 15.0108; reconfigure to restore estuarine and channel function. Work with landowner to keep livestock out of the saltmarsh and pursue conservation easements. Remove riprap fill on the estuary at the boat ramp. Approximately 29.5 acres	2	5	4	2	13	
1	Blakely Harbor, Bainbridge Island	Restoration	Remove two jetties, rip-rap wall, powerhouse structure and piles. Remove mill waste (metal shaving debris) and restore salt marsh and plant riparian vegetation.	0	5	4	3	12	Bainbridge Island acquired. There is some opposition to the restoration.
11	Keyport Creek 15.0276, Styles Lagoon, Liberty Bay	Restoration	Restore natural tidal regime in Styles Lagoon. Currently impounded by tidegate (Installed by WDFW). Restore marine sediment quality and water quality off the mouth of the creek. Approximately 20.9 acres	1	5	4	2	12	
14	Steele (Crouch) Creek Estuary (Illahee Road), Burke Bay	Restoration	Restore natural rates of recruitment of shoreline slide materials to the nearshore south of Steele Creek; identify options to reduce the intrusion of Illahee Road into the historic intertidal area and/or reduce the extent of armoring of the roadfill. Investigate bridge on Illahee Road for tidal restriction; expand if necessary. Approximately 20 acres	1	5	4	2	12	

19	Clear Creek 15.0249, WF Clear Creek 15.0250, and Unnamed 15.0251-0254, Dyes Inlet	Restoration	Replace culvert at Bucklin Road crossing with a bridge of sufficient length to restore natural sediment transport from Clear Creek to Dyes Inlet. Pursue acquisition to improve buffer around the estuary. Approximately 9.5 acres.	1	4	4	3	12	Excellent education opportunity by putting in a pedestrian bridge and connecting marsh to the rest of Clear creek (extensive trail system)
20	Clear Creek Estuary, Dyes Inlet	Restoration	Pursue conservation easement for lagoon located southeast of mouth of Clear Creek. Improve riparian zone with native plantings. Investigate possibility of channel restoration.	1	4	4	3	12	Peter Namtvedt Best indicated his family may be interested in a conservation easement on part of the lagoon. WDFW will be sampling as part of their pocket estuary project. Chum are know to use the lagoon
50	Whitman Cove, Case Inlet	Restoration	Restore natural estuarine function in Whitman Cove by removing tidegates. Look into possibility of removing road? Would restore natural estuarine function to approximately 20 acres.	0	5	5	2	12	Look into ownership and how much the road is used.
3	Point No Point Wetland	Restoration	Conduct feasibility study to assess the potential of restoring estuarine functions to the point no point marsh. Restore as much of the salt marsh habitat as possible. Look at the possibility of re-establishing the connection of the marsh to Puget Sound (NW of the lighthouse). Approximately 25 acres.	0	5	5	1	11	Located in area of excellent nearshore refugia (May 2003). Most of the original marsh has been filled and developed. It may be difficult to establish the original outlet due to development and changes in hydrology.

40	Crescent Creek (Gig Harbor)	Restoration	Replace culvert with a bridge to restore tidal function. Evaluate potential removal of bank armoring at city park in Crescent Creek estuary. Assess the impacts of existing alterations to marine nearshore habitat in Gig Harbor; remediate impacts where possible. Protect remaining habitat through conservation easements or purchase. (~3 acres)	2	3	4	2	11	Highest quality habitat in Gig Harbor. City park is located adjacent and could be connected to restoration of estuary.
41	North Creek Estuary (AU 2.07) (Gig Harbor)	Restoration	Pursue acquisition of business property to restore and daylight channel. Expand the park to connect with the restoration. Restore estuarine function in the lower portion of North Creek. Assess the impacts of existing alterations to marine nearshore habitat in Gig Harbor; remediate impacts where possible (~ 4.5 acres)	2	3	4	2	11	
37	Harper Estuary, Yukon Harbor	Restoration	Option 1: Abandon road through marsh (Southworth section) to improve estuary functions. Option 2 (Scored, more likely scenario): Replace undersized culvert with a bridge to improve estuary functions. Both options: Remove abandoned 400' long abandoned roadbed and restore salt marsh and remove or minimize unpermitted boat ramp. (Would restore natural estuarine function to approximately 7.5 acres)	0	4	4	2	10	Option 1 = 12 for total score (0,4,5,3). USACOE has completed a 10% feasibility study for this project. Do not have the funds to complete it.

34	Beaver Creek, Clam Bay, Manchester	Restoration	Restore the natural estuary at the mouth of Beaver Creek; this would involve removal of the dam at the lake outlet and may involve removal of contaminated sediments. Work with EPA/NOAA Fisheries/DOE/Navy to determine feasibility of restoring natural shoreline and nearshore condition in the extensively filled, bulk headed, and docked shoreline in Clam Bay; assess opportunities to reduce/eliminate creosote presence and exposure at the EPA-operated dock. Approximately 1.63 acre	0	3	4	2	9	Restoration plan for the Manchester Fuel Depot is in progress. Navy is the lead. Legacy funds.
2	Manitou Beach, Murdon Cove, Bainbridge Island	Restoration	Improve tidal connection between high marsh and Murdon Cove. Regrade and restore high marsh.	0	3	3	2	8	Murdon Cove has some of the best habitat on the Island.
4	Eglon Creek 15.0311 and Silver Creek 15.0312	Restoration	Conduct feasibility study to assess potential of relocating/reconfiguring the boat launch and parking at the mouth of the creek. Restore channel function through this reach by removing channel armoring and restore flood plain. Remove dilapidated wood bulkhead south of boat ramp. Put sign up to prohibit vehicles from driving on beach damaging forage fish spawning habitat. Approximately 1 acre.	1	2	2	2	8	Once boat ramp at Point no Point is complete may be able to abandon this boat ramp. Located in area of excellent nearshore refugia (May 2003)

27	Ross Creek 15.0209 and Unnamed 15.0210, Sinclair Inlet	Restoration	Replace culvert at the SR 166 crossing with bridge or a much larger culvert that will restore saltwater tidal influence upstream and flush accumulated sediments to Sinclair Inlet. Restore functional estuarine habitat; eliminate or reduce encroachment from existing development and reestablish functional riparian buffers. Approximately 1.5 acre	0	2	4	2	8	
30	Unnamed 15.0193, Port Orchard (Sinclair Inlet)	Restoration	Conduct feasibility study to look at restriction at Beach Drive. Protect estuarine salt-marsh habitat; evaluate opportunities to increase estuary function upstream of Beach Drive.	2	1	3	2	8	Look at fish usage. Ecology photo: 010512-125532
10	Dogfish Creek Estuary, Liberty Bay	Restoration	Remove pilings and debris (trash/rocks/bulkhead) along shoreline south of Lindvig Avenue. Work with businesses parking lots to restore riparian habitat and improve stormwater management.	2	1	2	2	7	Need to measure feet of shoreline restored.
13	Steele (Crouch) Creek Estuary (Brownsville HWY Crossing), Burke Bay	Restoration	Replace culvert at the Brownsville Highway crossing with a bridge or larger culvert that restores natural tidal exchange and sediment transport, as well as unrestricted fish passage.	1	1	3	2	7	
43	Shaw Cove Spit (AU 5.10)	Restoration	Remove steel/wire framework lying partly on the upper beach and on the riparian shrub-scrub fringe above MHHW. (~.18 acre)	0	1	3	3	7	
23	Wright Creek 15.0225	Restoration/Protection	Replace culvert with bridges of sufficient length to restore tidal processes under SR3 and Navy railroad. Protect integrity of the only natural estuary remaining on the north shore of Sinclair Inlet.	1	1	3	2	7	

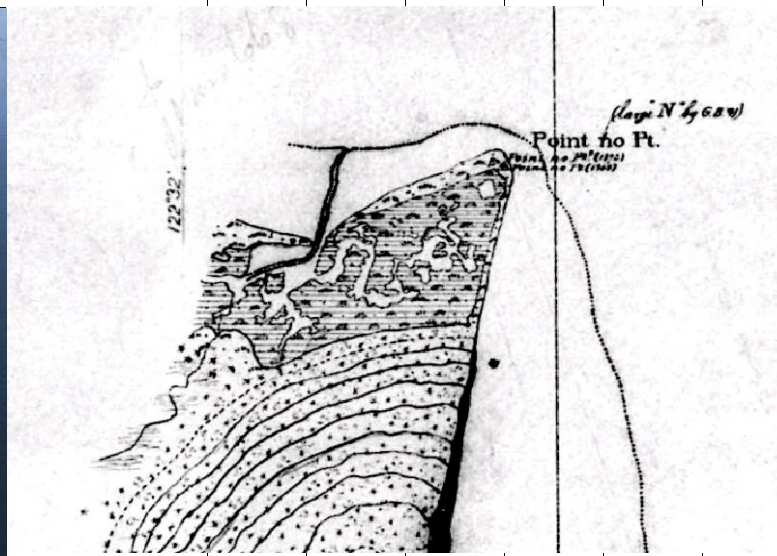
26	Ross Point, Sinclair Inlet	Restoration	Remove old homesite foundations, pilings, and associated debris from intertidal area south of Ross Pt. Remove unauthorized moorage, and creosote-treated pile rafting off Ross Pt.	0	1	3	2	6	One of the largest surf smelt areas.
28	Blackjack Creek 15.0203, continued as Square Creek, Ruby Creek 15.0205, and unnamed	Restoration	Option 1 (Scored): Restore riparian corridors as much as possible by pulling parking lot back as much as possible. Option 2 (See comments): Pursue purchasing businesses and relocate. Restore natural delta by removing fill and reestablishing riparian corridors.	2	1	2	1	6	Option 2: Total score would be 10 (2,2,4,2)
39	Colvos Passage (EMU 1; AU 1.03 Pierce County Habitat Assessment)	Restoration	Remove concrete vaults and bulkhead. Restore beach by removing fill and re-grading to natural contours followed by planting native vegetation. (Approximately 390 linear feet, about 0.55 acres of fill)	0	2	3	1	6	Sand lance documented. Superfund site from Manson Construction. May limit restoration potential.
44	Raft Island ((AU 6.15)	Restoration	Remove failed wooden bulkhead. Replace deteriorating concrete bulkhead with bioengineered structure? Remove dilapidated wood and styrofoam float. (AU 6.15 ~220 linear ft, AU 6.17 ~ 200-300 ft)	0	1	3	2	6	
48	Glen Cove (AU8.10 & 8.16)	Restoration	Remove armoring at Camp Seymore. Remove old tires and concrete debris along shoreline. Remove 55 gallon barrels/drums used to stabilize the bank . Remove concrete bulkhead in AU 8.10 (~ 600 ft)	0	1	3	2	6	
55	Fox Island (AU 13.31)	Restoration	Remove abandoned ferry dock and restore natural shoreline.	0	1	3	2	6	

25	Anderson Creek 15.0211 and EF Anderson 15.0212	Restoration	Replace culverts with bridges to improve fish passage and process. Conduct feasibility study to look at reconfiguring stream to route it under the smallest width of the highway. Pursue purchasing property for reconfiguring stream (Old RV sales). Restore natural channel configuration, estuarine function, and natural sediment transport through the SR 166/16 corridor.	1	1	2	1	5	This project is problematic due to SR 166/16.
31	Annapolis Creek 15.0202	Restoration	Replace restrictive culvert with larger culvert.	2	1	1	1	5	
45	Burley Lagoon/Purdy Creek Estuary (AU 7.12)	Restoration	Shoreline habitat improvement could be obtained by removing the debris and abandoned structure(s), and removing and replacing the riprap through bioengineering techniques. (~ 2.2 acres, rip rap ~230 ft)	0	2	2	1	5	
49	Mayo Cove (AU 9.11)	Restoration	Replace decaying bulkhead with alternative. Remove old boats from marsh vegetation.	0	1	2	2	5	
51	Vaughn Bay (AU 12.4)	Restoration	Protect functioning estuary habitat	0	1	2	2	5	
16	Dee (Enetai) Creek Estuary 15.0264	Restoration	Investigate soft bank alternatives to concrete bulkhead on the banks. Improve water quality (high bacteria). Educate local community about water quality issues. Improve riparian zone with vegetative plantings.	0	1	2	1	4	Health District is considering posting with a Health Warning due to high bacteria counts. Ecology 924-101928
32	Sullivan (Karch, Karcher) Creek 15.0200	Restoration	Replace culvert at Beach Drive with bridge or larger culvert that will provide unrestricted outflow during high flows and which will restore saltwater exchange into the lower end of Sullivan Creek. Remove invasive vegetation.	0	1	2	1	4	

5	Applecove Point	Restoration	Conduct a feasibility study to look at restoring salt marsh at Applecove Point (possibly salt water has been cut off by tidegate). Protect remaining marsh habitat from further development. Approximately 6.14 acre. Located in area of excellent nearshore refugia (May 2003)	0	4	N/S	N/S	N/S	Need more information about the saltmarsh and tidegate. Field trip planned.
22	City of Bremerton Marine Shoreline: Oyster Bay, Mud Bay, Port Washington Narrows, Ostrich Bay, Phinney Bay	Restoration	Conduct feasibility study to identify possible restoration projects. Monitor Jackson Park and Charleston restoration projects.	N/S	N/S	N/S	N/S	N/S	Need further information.
33	Waterman	Restoration	Protection and possible undersized culvert	N/S	N/S	N/S	N/S	N/S	Need more information. Investigate and rate later.
Completed Restoration Projects									
9	Dogfish (WF Dogfish) Creek 15.0285, SF Dogfish (Wilderness, Harding) 15.0285A, Liberty Bay	Restoration	Replace culvert at Lindvig Avenue with bridge or culvert sufficient to pass sediments and restore tidal influence upstream of the culvert; remove rock weir upstream of Lindvig Way culvert. Approximately 7 acres.						Completed in 2003. SRFB Grant
17	Barker Creek 15.0255 and Hoot Creek 15.0255A	Restoration	Replace the culvert at the Tracyton Boulevard crossing with a bridge of sufficient length to restore natural estuarine function upstream, to ensure unobstructed fish passage, and to restore natural sediment transport. Approximately 2 acres.						34' concrete bottomless culvert scheduled for Summer 2004 (SRFB Grant)
29	Annapolis boat ramp, Sinclair Inlet	Restoration	Remove boat ramp and riprap at the WDFW-owned facility at Annapolis; restore natural shoreline configuration.						Complete



Blakely Harbor (Project ID #1) showing abandoned powerhouse structure, jetties and pilings. (WADOE Oblique



Point No Point (Project ID #3). Figure on left shows the 1872 U.S. Coast Survey



Doe-Keg-Wats Marsh (Project ID #7)



Steele Creek Estuary (Projects ID 13 & 14)



Styles Lagoon, Keyport, Liberty Bay (Project ID #11). Restore natural tidal regime by removing tidegate.



Clear Creek (Project ID #19) Replace culvert at Bucklin Road with bridge and protect buffer around estuary.



Clear Creek Estuary Lagoon (Project ID #20).
Pursue conservation easement, restore riparian habitat. (possible channel restoration).



Chico Creek Estuary (Project ID # 21)



Gorst Estuary (Project ID #24)



Little Clam Bay showing tidegate (Project ID #35)



Harper Estuary Restoration (Project ID # 37)



Olalla Creek Estuary (Project ID # 38)



Crescent Creek, Gig Harbor (Project ID #40)



North Creek Estuary, Gig Harbor (Project ID # 41)



Whitman Cove (Project ID 50) - Photo 1 shows the two tidegates and the small lagoon and marsh in the bottom left that is separated from Whitman Cove by a sheet pile wall (WSDOE Oblique Aerial Photos, 2000 Series). Photo 2 - Tidegate (one of two in Whitman Cove).



East Oro Bay, Anderson Island showing tidegate (Project ID #54)