

Puget Sound Acquisition and Restoration Fund (PSAR)

2013–2015 BUDGET REQUEST | *Watershed projects sorted by county*

INVESTMENT:

Total Capital Request:
\$80,000,000*

IMPACT:

Total Projects: **84**

Jobs: **845****

● 12 large scale projects

Restored and Protected:
Acres **4,438** | Miles **111**

San Juan County

Total Project Cost: **\$1,846,463**

Projects **3** | Jobs **5**

Restored and Protected
Acres **61** | Miles **1.24**

Clallam County

Total Project Cost: **\$7,221,832**

Projects **8** | Jobs **51**

Restored and Protected
Acres **857.5** | Miles **15.57**

Jefferson County

Total Project Cost: **\$10,559,135**

Projects **4** | Jobs **156**

Restored and Protected
Acres **152** | Miles **6.33**

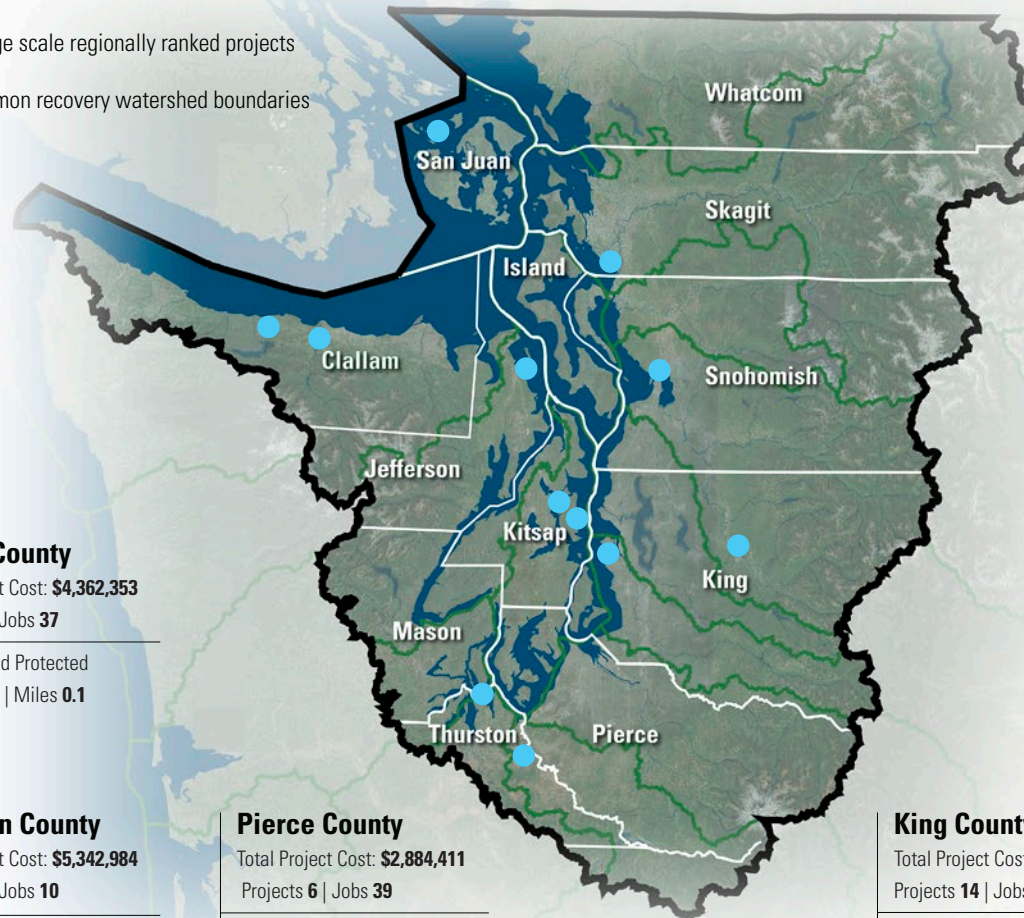
Mason County

Total Project Cost: **\$1,754,633**

Projects **8** | Jobs **31**

Restored and Protected
Acres **92.5** | Miles **1.79**

- Large scale regionally ranked projects
- Salmon recovery watershed boundaries



Kitsap County

Total Project Cost: **\$4,362,353**

Projects **6** | Jobs **37**

Restored and Protected
Acres **207.5** | Miles **0.1**

Thurston County

Total Project Cost: **\$5,342,984**

Projects **6** | Jobs **10**

Restored and Protected
Acres **403** | Miles **0.66**

Pierce County

Total Project Cost: **\$2,884,411**

Projects **6** | Jobs **39**

Restored and Protected
Acres **754** | Miles **12**

King County

Total Project Cost: **\$10,333,112**

Projects **14** | Jobs **152**

Restored and Protected
Acres **92** | Miles **4.06**

Whatcom County

Total Project Cost: **\$1,722,740**

Projects **8** | Jobs **19**

Restored and Protected
Acres **361** | Miles **10.3**

Skagit County

Total Project Cost: **\$18,521,710**

Projects **8** | Jobs **231**

Restored and Protected
Acres **801.1** | Miles **1.49**

Island County

Total Project Cost: **\$820,084**

Projects **2** | Jobs **5**

Restored and Protected
Acres **68** | Miles **0**

Snohomish County

Total Project Cost: **\$7,480,182**

Projects **11** | Jobs **108**

Restored and Protected
Acres **588** | Miles **57.25**

* Total request reflects PSAR grant management costs.

** Office of Financial Management Input/Output Model. The jobs created or retained do not include matching or leveraged funds

Puget Sound Acquisition and Restoration Program large-scale “regionally ranked” and high-priority capital projects

\$80 million (\$50 million for large scale projects and \$30 million for high priority projects)

- Funding to each watershed based on a scientific allocation formula developed using criteria such as the number of salmon populations and miles of shoreline.
- \$30 million of the request will fund high-priority projects in each watershed (representative projects shown in the attached list) to advance recovery and make progress throughout Puget Sound.
- Because nature’s needs don’t always fall within our funding guidelines, many large-scale projects are beyond the funding scope of what a watershed receives.
- In order to fund these critical large-scale projects, the Puget Sound Salmon Recovery Council has identified and sequenced projects based on:
 1. Salmon impact
 2. Progress on the 2020 Action Agenda targets
 3. Project readiness

The closer we get to the \$80 million, the closer we get to making significant progress in the effort to restore Puget Sound.

PSAR Regionally Ranked Large Capital Projects

Funding level (in millions)	Full project cost* (in millions)	Legis-lative district	County	Watershed	Project
\$30		multiple	all Puget Sound counties	all Puget Sound watersheds	Local projects that advance recovery in all Puget Sound watersheds
\$34.5	\$4.5	38	Snohomish	Snohomish	Smith Island Restoration Project
\$35.3	\$0.8	40	San Juan	San Juan	Reid Harbor Shoreline Conservation Easement Acquisition
\$40.1	\$4.8	34	King	Green/Duwamish/ Central Puget Sound Watershed	Seahurst Park Shoreline Restoration
\$42.1	\$2.0	23	Kitsap	West Sound Watersheds	Milwaukee Dock Eelgrass Restoration Project
\$43	\$0.9	23	Kitsap	West Sound Watersheds	West Bainbridge Shoreline Protection
\$57.8	\$14.8	10	Skagit	Skagit	Fir Island Farm Restoration
\$59.4	\$1.6	24	Clallam	North Olympic Peninsula	Elwha Revegetation Project
\$63	\$3.6	24	Clallam	North Olympic Peninsula	Lyre River Estuary Protection and Restoration
\$66.9	\$3.9	2	Thurston	Nisqually	McKenna Reach Ranch Protection Project
\$76.1	\$9.2	24	Jefferson	Hood Canal	Kilisut Harbor Restoration
\$77	\$0.9	22	Thurston	Deschutes	Little Fishtrap Estuary Acquisition
\$80	\$3.0	5	King	Snohomish	Upper Carlson Floodplain Reconnection

* Total request reflects PSAR grant management costs.

Projects in San Juan County

INVESTMENT		IMPACT			
Total requested: \$1,846,463 Projects: 3		RESTORED AND PROTECTED Estuary/Nearshore: 61 acres Shoreline: 1.24			
		Jobs: 5			
County	Legislative district	Watershed name	Project name	Project summary	Requested amount
San Juan	40	San Juan	Webb Property Acquisition	Protect 76 acres on Westcott Bay, San Juan Island	\$650,000
San Juan	40	San Juan	Neighborhood Salmon Conservation Easement Acquisitions	Pilot neighborhood easement tool to protect the shoreline of approximately 15 parcels in high priority nearshore habitat	\$396,463
San Juan	40	San Juan	Reid Harbor Shoreline Conservation Easement Acquisition	Permanently protect 60 acres and 3,800 ft of shoreline on Stuart Island	\$800,000

Projects in Whatcom County

INVESTMENT		IMPACT			
Total requested: \$1,722,740 Projects: 8		RESTORED AND PROTECTED Floodplain: 361 acres Shoreline: 1.6 miles River/Stream improved: 8.7 miles			
		Jobs: 19			
County	Legislative district	Watershed name	Project name	Project summary	Requested amount
Whatcom	42	Nooksack	South Fork Nooksack Nasset's Reach Restoration	Restore instream habitat and remove shoreline armoring along 1.6 miles of river	\$400,000
Whatcom	42	Nooksack	Nooksack River Priority Reach Acquisitions	Acquire conservation easements and parcels to protect approximately 300 acres in priority areas of the watershed	\$500,000
Whatcom	42	Nooksack	South Fork Nooksack River at Five Cedars Black Slough Reach	Install 23 engineered log jams along 1.3 miles of river	\$300,000
Whatcom	42	Nooksack	South Fork Nooksack at Standard Creek	Generate designs to restore 0.4 miles of the South Fork	\$50,000

County	Legislative district	Watershed name	Project name	Project summary	Requested amount
Whatcom	42	Nooksack	Nooksack Riparian Restoration	Complete riparian and instream restoration projects in priority reaches along 61 acres of the Nooksack River Forks	\$70,000
Whatcom	42	Nooksack	Elk Flats Restoration	Install log structures to improve channel migration and sediment in approximately 2 river miles	\$60,000
Whatcom	42	Nooksack	Middle Fork Nooksack Instream Habitat	Install large woody debris jams to improve habitat in 5 river miles	\$182,740
Whatcom	42	Nooksack	Skookum Reach Phase 2 Design	Generate project designs to improve habitat diversity in priority reach	\$160,000

Projects in Skagit County

INVESTMENT

IMPACT

Total requested: \$18,521,710	RESTORED AND PROTECTED	
Projects: 8	Estuary: 396 acres	Shoreline: 1.09 miles
	Floodplain: 405.1 acres	River/Stream improved: 0.4 miles
	Jobs: 231	

County	Legislative district	Watershed name	Project name	Project summary	Requested amount
Skagit	39	Nooksack	Larson's Reach Phase 2 Instream Restoration Project	Install 9+ log structures to create 5 primary pool habitats and 0.4 miles of off channel habitat	\$500,000
Skagit	39	Nooksack	Fobes Creek Reach Phase 2 Design	Generate project designs to increase holding and rearing habitat	\$200,000
Skagit	10	Skagit	Deepwater Slough Phase 2 Design & Permitting	Complete design and permitting for restoring 270 acres of estuary	\$300,000
Skagit	39	Skagit	Skagit Floodplain Acquisitions	Protect 250 acres of priority floodplain habitat	\$1,000,000
Skagit	39	Skagit	Hansen Creek Acquisition and Floodplain Restoration	Acquire 120 acres to restore floodplain function and habitat	\$1,500,000

County	Legislative district	Watershed name	Project name	Project summary	Requested amount
Skagit	39	Skagit	Davis Slough Hydrologic Connectivity Construction	Install a bridge to reconnect 4.5 acres of off-channel habitat and install 10 acres of riparian plantings	\$1,164,500
Skagit	39	Skagit	Illabot Creek Alluvial Fan Restoration Phase 2	Final design and construction phase to restore 30.6 acres of alluvial fan function to Illabot Creek	\$257,210
Skagit	10	Skagit	Fir Island Farm Restoration	Setback 5,800 ft of coastal dike to restore 126 acres of tidal marsh in Skagit Bay	\$13,600,000

Projects in Island County

INVESTMENT

IMPACT

Total requested: \$820,084 Projects: 2	RESTORED AND PROTECTED Estuary/Nearshore : 68 acres
	Jobs: 5

County	Legislative district	Watershed name	Project name	Project summary	Requested amount
Island	10	Island	Livingston Bay High Priority Habitat for Restoration Phase 2	Acquire 43 acres for protection and restoration of nearshore processes and habitat	\$520,084
Island	10	Island	Dugualla Bay Preserve Feasibility Assessment	Complete an assessment to determine the feasibility of restoring 25 acres of estuary in Skagit Bay	\$300,000

Projects in Snohomish County

INVESTMENT		IMPACT			
Total requested: \$7,480,182		RESTORED AND PROTECTED			
Projects: 11		Estuary: 558 acres	Shoreline: 4.5 miles		
		Floodplain: 30 acres	River/Stream improved: 52.75 miles		
		Jobs: 108			
County	Legislative district	Watershed name	Project name	Project summary	Requested amount
Snohomish	39	Stillaguamish	Mainstem Stillaguamish Reach Scale Project Design	Complete designs and begin implementation on 4 miles of floodplain restoration	\$974,182
Snohomish	10, 39	Stillaguamish	Stillaguamish Watershed Riparian Enhancement	Complete restoration on 10 acres of riparian habitat	\$150,000
Snohomish	39	Stillaguamish	South Fork Stillaguamish Instream Restoration Phase 3	Improve 3 miles of river by installing large woody debris structures	\$225,000
Snohomish	10, 39	Stillaguamish	Pilchuck Creek Woody Debris Construction	Improve 3 miles of creek by installing large woody debris	\$306,000
Snohomish	39	Stillaguamish	North Fork Stillaguamish Instream Restoration	Improve 0.75 miles of river by installing log jams	\$225,000
Snohomish	38	Snohomish	Smith Island Restoration Project	Restore tidal influence to 328 acres of the Snohomish River estuary	\$4,100,000
Snohomish	44	Snohomish	Drainage District 6 Intertidal Restoration Design and Permitting	Design a setback dike and restoration project to restore 230 acres of wetlands in the Snohomish Estuary	\$300,000
Snohomish	39	Snohomish	Pilchuck Dam Removal	Restore fish passage to 37 miles of fish habitat through removal of the Pilchuck Dam	\$500,000
Snohomish	39	Snohomish	Lower Skykomish Mainstem Implementation Project	Improve instream habitat to 5 miles of stream and associated riparian habitat	\$300,000
Snohomish	38	Snohomish	Nearshore Beach Nourishment Implementation	Restore more natural sediment delivery along 4.5 miles of shoreline	\$200,000
Snohomish	5, 39	Snohomish	Snohomish Basin Mainstem Riparian Restoration	Restore 20 acres of riparian habitat along the mainstem and rural streams	\$200,000

Projects in King County

INVESTMENT		IMPACT			
Total requested: \$10,333,112 Projects: 14		RESTORED AND PROTECTED Floodplain: 92 acres Shoreline: 1.33 miles River/Stream improved: 2.73 miles			
		Jobs: 152			
County	Legislative district	Watershed name	Project name	Project summary	Requested amount
King	5	Snohomish	Upper Carlson Floodplain Reconnection	Restore natural river processes by removing 1,600 ft of levee and restoring 50 acres of floodplain	\$2,445,874
King	39	Snohomish	Miller River Restoration	Improve hydrology and habitat in 7 acres of the alluvial fan and connect 5,000 ft of channel to the floodplain	\$177,620
King	5	Snohomish	Snoqualmie Restoration Initiative - Riparian Planting	Restore riparian habitat on 12 acres of agricultural land in the lower Snoqualmie Valley	\$249,000
King	41	Lake Washington/Cedar/Sammamish	Beaux Arts Shoreline Restoration	Remove armoring along 300 ft of shoreline as part of an overall project to restore 1,100 ft of shoreline on Lake Washington	\$113,353
King	37	Lake Washington/Cedar/Sammamish	Mapes Creek Restoration	Daylight and restore the mouth and lower 300 ft of Mapes Creek where it enters Lake Washington	\$300,000
King	21	Lake Washington/Cedar/Sammamish	Willow Creek Daylighting	Complete design and permitting for daylighting 1,400 ft of Willow Creek at Edmonds Marsh	\$340,000
King	37, 11, 41, 5	Lake Washington/Cedar/Sammamish	Cedar River Stewardship-in-Action	Restore native riparian cover to 17 acres of stream bank by eradicating invasive species and planting natives	\$122,422
King	5	Lake Washington/Cedar/Sammamish	Confluence Parks/Issaquah Creek Restoration	Restore 1,900 ft of aquatic and riparian habitat at the confluence of Issaquah Creek and a tributary near downtown Issaquah	\$400,000
King	41	Lake Washington/Cedar/Sammamish	Lower Lewis Creek Restoration	Improve the mouth and lower 1,800 ft of Lewis Creek rearing and spawning habitat where it empties into Lake Sammamish	\$200,000

County	Legislative district	Watershed name	Project name	Project summary	Requested amount
King	36	Green/Duwamish/Central Puget Sound Watershed	Myrtle Edwards Park Shoreline Design	Generate designs for armoring removal and pocket beach creation along 3500 ft of shoreline	\$500,000
King	33	Green/Duwamish/Central Puget Sound Watershed	McSorley Creek Design	Complete design to remove armoring along 150 ft of marine shoreline	\$214,843
King	31	Green/Duwamish/Central Puget Sound Watershed	Big Spring Creek Construction Phase 2	Create 6 acres of off-channel habitat and restore 30 acres of riparian vegetation	\$400,000
King	34	Green/Duwamish/Central Puget Sound Watershed	Seahurst Park Shoreline Restoration	Remove 2,935 ft of shoreline armoring and restore habitat on the north end of Seahurst Park in the City of Burien	\$4,420,000
King	31	Puyallup/White, Chambers/Clover	Boise Creek Fish Passage Design	Generate project designs for fish passage above the golf course on Boise Creek, opening/improving 1.12 stream miles of habitat	\$450,000

Projects in Pierce County

INVESTMENT	IMPACT
Total requested: \$2,884,411 Projects: 6	RESTORED AND PROTECTED Floodplain: 754 acres River/Stream improved: 12 miles
	Jobs: 39

County	Legislative district	Watershed name	Project name	Project summary	Requested amount
Pierce	2	Puyallup/White, Chambers/Clover	Puyallup River Setback Levee at Fennel Creek Design	Develop project designs to reconnect and improve habitat in 54 acres of floodplain	\$325,000
Pierce	31	Puyallup/White, Chambers/Clover	South Prairie Creek Restoration	Improve instream and riparian restoration along 300 acres and 2 miles of public land	\$160,000
Pierce	31	Puyallup/White, Chambers/Clover	South Prairie Creek Japanese Knotweed Control	Improve riparian habitat along 10 river miles by invasive species survey and control	\$240,000

County	Legislative district	Watershed name	Project name	Project summary	Requested amount
Pierce	28	Puyallup/White, Chambers/Clover	Sequalitchew Estuary Reconnection Project	Restore fish passage and tidal hydrology to estuarine habitat by installing a large span bridge in collaboration with BNSF Railroad	\$590,000
Pierce	28	Puyallup/White, Chambers/Clover	Titlow Estuary Restoration	Develop designs to improve connectivity of estuarine habitat by improving a BNSF culvert	\$150,000
Pierce	2	Nisqually	Ohop Restoration Phase 2	Reconnect 1.5 miles of creek to its original floodplain as part of a 3-phase plan to improve habitat on 400 acres	\$1,419,411

Projects in Thurston County

INVESTMENT

IMPACT

Total requested: \$5,342,984	RESTORED AND PROTECTED
Projects: 6	Estuary/Nearshore: 153 acres Shoreline: 0.16 miles
	Floodplain: 250 acres River/Stream improved: 0.5 miles
	Jobs: 10

County	Legislative district	Watershed name	Project name	Project summary	Requested amount
Thurston	2	Nisqually	McKenna Reach Ranch Protection Project	Acquire 250 acres and 1 mile of habitat on the Nisqually River for proposed restoration	\$3,529,625
Thurston	22	Deschutes	Burfoot Park Bulkhead Removal Design	Complete removal of a 200 ft bulkhead to improve forage fish spawning habitat	\$100,000
Thurston	22	Deschutes	McLane Creek Riparian Restoration	Improve instream habitat through the installation of large woody debris along 0.5 mile of creek	\$63,359
Thurston	22	Deschutes	Budd to Henderson Conservation Initiative Phase 5 - Meyer's Point	Acquire 80 acres to protect and restore habitat and develop locally productive agriculture	\$500,000
Thurston	22	Deschutes	Little Fishtrap Estuary Acquisition	Acquire 73 acres of pocket estuary, nearshore, and riparian habitat along the shoreline of Dana Passage	\$900,000
Thurston	35	Kennedy/Goldsborough	Doffelmeyer Point Bulkhead Removal	Remove 700 ft of bulkhead along a conservation easement in Budd Inlet	\$250,000

Projects in Mason County

INVESTMENT	IMPACT
Total requested: \$1,754,633 Projects: 8	RESTORED AND PROTECTED Estuary: 7.5 acres Shoreline: 0.94 miles Floodplain: 85 acres River/Nearshore improved: 0.84 miles
	Jobs: 31

County	Legislative district	Watershed name	Project name	Project summary	Requested amount
Mason	22, 35	Kennedy/Goldsborough	WRIA 13 and 14 Watertyping Assessment Phase 4	Conduct surveys to identify fish-bearing streams in priority subwatersheds	\$75,000
Mason	35	Kennedy/Goldsborough	WRIA 14 Fish Passage Project Monitoring	Conduct monitoring to determine if desired results were obtained for fish passage barrier removal	\$40,000
Mason	35	Kennedy/Goldsborough	John's Creek Instream Habitat Restoration	Improve 500 ft of creek by installing woody debris and planting 19.25 acres of riparian vegetation	\$88,042
Mason	35	Kennedy/Goldsborough	Oakland Bay Conservation Project	Acquire the final parcel at Chapman Cove to protect a total of 80 acres of nearshore habitat	\$300,341
Mason	35	Kennedy/Goldsborough	Dougall Point Restoration Design	Complete design work to remove a creosote bulkhead and restore sediment and hydrologic process to 0.5 acres on Harstine Island	\$40,000
Mason	35	Hood Canal	Beards Cove Union River Estuary Restoration	Remove 7 acres of parking lot and landfill in estuary and improve 2200 ft of marine shoreline	\$340,000
Mason	35	Hood Canal	Skokomish River Car-Body Levee Removal	Remove 0.5 miles of derelict levees restoring 75 acres of wetland and floodplain	\$382,500
Mason	35	Hood Canal	Lilliwaup Instream Restoration	Restore 4,000 ft of riparian and instream habitat and 10 acres of floodplain	\$488,750

Projects in Kitsap County

INVESTMENT

IMPACT

Total requested: \$4,362,353 Projects: 6	RESTORED AND PROTECTED Estuary/Nearshore: 13.3 acres Shoreline: 0.1 miles Floodplain/Riparian: 194.2 acres
	Jobs: 37

County	Legislative district	Watershed name	Project name	Project summary	Requested amount
Kitsap	35	Hood Canal	Lower Big Beef Creek Restoration	Remove a 2,500 ft levee and road restoring 14 acres of floodplain on UW property	\$746,843
Kitsap	23	West Sound Watersheds	Harper Estuary Restoration	Restore 6 acres of estuary by removing debris and restoring tidal inundation	\$400,510
Kitsap	23	West Sound Watersheds	Kitsap Forest And Bay Project at Grovers Creek	Acquire 180 acres of riparian habitat within the Grovers Creek Watershed	\$303,000
Kitsap	35	West Sound Watersheds	Dickerson Creek Floodplain Restoration	Restore 0.2 acres of instream, floodplain, and riparian habitat in a tributary to Chico Creek	\$300,000
● Kitsap	23	West Sound Watersheds	Milwaukee Dock Eelgrass Restoration Project	Restore a total of 3 acres of eelgrass and subtidal habitat off of Bainbridge Island	\$1,802,000
● Kitsap	23	West Sound Watersheds	West Bainbridge Shoreline Protection	Acquire 2 contiguous shoreline parcels to protect 12 acres and 550 ft of shoreline	\$810,000

Projects in Jefferson County

INVESTMENT	IMPACT
Total requested: \$10,559,135 Projects: 4	RESTORED AND PROTECTED Estuary: 112 acres Shoreline: 0.33 Floodplain: 40 acres River/Stream improved: 6 miles
	Jobs: 156

County	Legislative district	Watershed name	Project name	Project summary	Requested amount
Jefferson (+Mason and Kitsap)	24, 35	Hood Canal	Hood Canal Regional Riparian Successional Strategy	Improve 5 miles of riparian habitat	\$510,000
Jefferson	24	Hood Canal	Snow Creek Estuary Restoration	Remove fill and enhance channels downstream of SR101 to restore 12 acres of floodplain and estuary	\$425,000
Jefferson	24	Hood Canal	Lower Duckabush Floodplain Restoration	Install 10 log jams and riparian plantings to improve instream habitat along 1 mile of river and 40 acres of floodplain	\$1,164,135
● Jefferson	24	Hood Canal	Kilisut Harbor Restoration	Restore tidal influence to a salt marsh between Indian and Marrowstone Islands improving 1750 ft of tidal channel and 100 acres	\$8,460,000

Projects in Clallam County

INVESTMENT

IMPACT

Total requested: \$7,221,832	RESTORED AND PROTECTED
Projects: 8	Floodplain: 857.5 acres Shoreline: .47 miles River/Stream improved: 15.1 miles
	Jobs: 51

County	Legislative district	Watershed name	Project name	Project summary	Requested amount
Clallam	24	North Olympic Peninsula	Dungeness River Floodplain Restoration Design	Complete design and permitting for restoring 2.4 miles of floodplain	\$350,000
Clallam	24	North Olympic Peninsula	Pysht River Instream Restoration	Improve instream habitat by installing 8 log jams along 2.2 miles of river	\$500,000
Clallam	24	North Olympic Peninsula	Elwha River Instream Restoration	Maximize restoration after dam removal by installing 5 large log jams in 1.5 miles of river	\$462,832
Clallam	24	North Olympic Peninsula	Dungeness River Instream Flow Restoration	Conserve water and preserve flows in the Dungeness River by piping 2 miles of irrigation ditches	\$450,000
Clallam	24	North Olympic Peninsula	Elwha Weir	Monitor fish use of the Elwha River during and after dam removal for 2 years	\$275,000
Clallam	24	North Olympic Peninsula	Elwha Adaptive Management	Evaluate ecosystem and fish response to dam removal for 2 years	\$400,000
● Clallam	24	North Olympic Peninsula	Lyre River Estuary Protection and Restoration	Acquire 253 acres of estuary and uplands to protect bluff-backed beaches and nearshore habitat	\$3,350,000
● Clallam	24	North Olympic Peninsula	Elwha Revegetation Project	Enhance riparian restoration of 800 acres following removal of 2 dams on the Elwha River	\$1,434,000