



## Coastal Restoration Grants 2016 Grant Requests

Rank	Project	Grant Applicant	Grant Request*
1	Pulling Together in Restoration Project	10000 Years Institute	\$531,000
2	Smith Creek	Pacific County Conservation District	\$1,630,000
3	Elochman Knotweed	Wahkiakum Conservation District	\$205,000
4	Hoh-Clearwater Restoration	The Nature Conservancy	\$1,041,000
5	Elochoman	Wahkiakum Conservation District	\$165,000
6	McClellan	Wahkiakum Conservation District	\$161,000
7	Satterland	Wahkiakum Conservation District	\$70,000
8	Lower Satsop River Restoration and Reduced Bank Erosion Project	Washington Department of Fish and Wildlife	\$1,030,000
9	Native Seed Production	Center for Natural Lands Management	\$341,000
10	Baldwin	Wahkiakum Conservation District	\$90,000
11	Kugel Creek	Clallam County	\$780,000
12	Goldinov	Wahkiakum Conservation District	\$309,000
13	Grayland Acquisition Project	Ducks Unlimited	\$500,000
14	Hungry Harbor	CREST	\$452,000
15	Moon Island Design	Hoquiam	\$150,000
15	Fry Creek Design	Aberdeen	\$315,000
17	Moon Island Imp	Hoquiam	\$250,000
18	Fry Creek Implementation Phase 1	Aberdeen	\$1,915,000
19	Upper Quinault River Restoration	Quinault Indian Nation	\$4,900,000 *
20	Fry Creek Implementation Phase 2	Aberdeen	\$2,975,000 *
21	Hoquiam Surge Plan	Forterra	\$91,000 *
			<b>\$17,901,000</b>

\*Agency is requesting \$12.5 million from the Legislature, which would mean this Project 19 would receive only \$2,565,000 and Projects 20 and 21 would not receive funding but would be alternates.

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## Project Summaries

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### **Pulling Together in Restoration 10000 Years Institute**

**Grant Requested: \$531,000**

10,000 Years Institute will use this grant to remove and reduce the spread of invasive plants from several north Coast rivers, including the Hoh, Queets, and Quillayute systems. The removal of invasive plants will improve river function, promote natural forest succession, and possibly reduce the need for road and ditch maintenance. This project will support the equivalent of ten full-time employees for a year with more than \$430,000 proposed to go to wages and benefits.

### **Smith Creek Pacific County Conservation District**

**Grant Requested: \$1,630,000**

The Pacific County Conservation District will use this grant to replace two tide gates with a bridge over Smith Creek on Parpala Road. The work will provide fish passage to 4.75 miles of creek and restore about 100 acres of tidal estuary habitat. The new bridge and levee will provide flood protection to the road and some neighboring private property. Juvenile salmon, juvenile Dungeness crab, eulachon, and other estuary rearing species are anticipated to directly benefit from this project. This project has more than \$290,000 in match and will support the equivalent of 17 full-time employees for a year with more than \$850,000 proposed to go to wages and benefits.

### **Elochoman Knotweed Elimination Wahkiakum Conservation District**

**Grant Requested: \$205,000**

The Wahkiakum Conservation District will use this grant to identify and manage knotweed infestations in the Elochoman watershed. The project will encompass the entire Elochoman River watershed from the confluence with the Columbia River to the upper known extent of knotweed including tributaries, fields, and forested areas. Conservation district staff will work with landowners to survey, treat, and educate about managing knotweed. Once knotweed is managed, emphasis will be placed on restoring native, indigenous, woody vegetation where knotweed once dominated, resulting in restored streamside vegetation and riparian function. This project has \$30,000 in match and will support the equivalent of two full-time employees for a year with more than \$100,000 proposed to go to wages and benefits.

### **Hoh-Clearwater Restoration The Nature Conservancy**

**Grant Requested: \$1,041,000**

The Nature Conservancy will use this grant to protect and restore freshwater salmon spawning and rearing habitat, and complex old-growth coastal forest habitat that is home to a tremendous variety of species relying on diverse forests on more than 9,000 acres along the Clearwater and Hoh Rivers. This multifaceted project will have both short-term and long-term positive direct benefits for the local ecosystem, aiding salmon, trout, amphibians, and birds. This project has \$210,000 in matching and

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leveraged funds and will support the equivalent of 13 full-time employees for a year with more than \$575,000 proposed to go to wages and benefits.

### **Elochoman River Community Watershed Project** **Wahkiakum Conservation District**

**Grant Requested: \$165,000**

The Wahkiakum Conservation District will use this grant to collaborate with ten private landowners and the Washington Department of Fish and Wildlife to implement three projects within the Elochoman River watershed, effectively treating an additional 2.2 miles of watershed. The project will install wood-based structures in the streams to create habitat diversity and complexity, remove invasive species, develop and maintain side channel and off channel habitats, and restore riparian function along the Elochoman River, Beaver Creek, and in side channel habitats, benefiting fall Chinook, chum, and coho salmon and winter steelhead. This project has support from \$618,000 in matching funds.

### **McClellan–Skamokawa Creek Community Watershed** **Wahkiakum Conservation District**

**Grant Requested: \$161,000**

The Wahkiakum Conservation District will use this grant to install tree root wads and logs and restore the shorelines along a third-mile of the middle valley Skamokawa Creek and a quarter-mile of three different side channels in collaboration with three landowners. The project addresses all limiting factors for all life stages of all priority species as identified in the region’s salmon recovery plan while helping a landowner address local resource concerns. Emphasis will be placed on establishment of forest shoreline buffers to restore watershed processes and maintain habitat long term. This project has \$32,000 in match and will provide short-term support for 12 local positions.

### **Satterlund–Grays River** **Wahkiakum Conservation District**

**Grant Requested: \$70,000**

The Wahkiakum Conservation District will use this grant to implement a salmon recovery project in collaboration with a private landowner on a third-mile of the Grays River watershed. The project addresses priority restoration needs and priority life stages for fall Chinook, chum, and coho salmon and winter steelhead, by installing wood-based structures in streams; planting a large shoreline buffer; improving habitat diversity, channel stability, width-to-depth ratios, flow, temperature, and sediment delivery; and restoring shoreline function along Grays River. This project has \$14,000 in match and will provide short-term support for 12 local positions.

### **Lower Satsop River Restoration and Reduced Bank Erosion Project** **Washington Department of Fish and Wildlife**

**Grant Requested: \$1,030,000**

The Washington Department of Fish and Wildlife and the Grays Harbor Conservation District will use this grant for a floodplain restoration site and a high flow channel to meet the dual objectives of wildlife habitat restoration and reduced bank erosion. The department proposes to use an experimental approach to habitat restoration by completing the construction in phases to study amphibian and native

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fish response to restoration treatments. It is projected that fish and amphibians will benefit from habitat improvements, while local farmers will gain protection of infrastructure and agricultural soils. This project has more than \$1 million in match and this grant could support the equivalent of more than seven full-time employees for a year with more than \$450,000 potentially going to wages and benefits.

### **Chehalis Basin Native Seeds**

#### **Center for Natural Lands Management**

**Grant Requested: \$341,000**

The Center for Natural Lands Management will use this grant to produce and provide at least 600 pounds of source-specified native seed for restoration and habitat enhancement work in oak, prairie, and grassland ecosystems in the Chehalis River watershed and to critical plant resources for the recovery of federally listed species including Mazama pocket gopher, Taylor's checkerspot butterfly, and golden paintbrush. This grant will leverage more than \$900,000 of project funding and support the equivalent of eight full-time employees for a year with more than \$249,000 going to wages and benefits.

### **Baldwin-Skamokawa Creek Community Watershed**

#### **Wahkiakum Conservation District**

**Grant Requested: \$90,000**

The Wahkiakum Conservation District will use this grant to work in cooperation with the Baldwin family on a second phase project to help manage discharge through the Peterson Road Bridge under any bridge alignment scenario and create habitat diversity and improve channel stability to aid in the successful establishment of the forest shoreline buffer planted in 2009. Improvements to shoreline habitat, creek depth, and flows will benefit fall Chinook, chum, and coho salmon, steelhead, elk, deer, raptors, and other birds. This project has more than \$7,500 in match and will provide short term support for ten local positions.

### **Kugel Creek Restoration with Improved Road and Trail Access**

#### **Clallam County**

**Grant Requested: \$780,000**

Clallam County will use this grant to replace a failing, undersized, and partial fish-barrier culvert under Cooper Ranch Road with a buried bridge that is fully fish passable, providing full access to nearly 7 miles of habitat above the culvert in Kugel Creek. The creek is a large tributary in the Sol Duc River watershed. Physical properties of the channel will be restored allowing unimpeded fish passage and the passage of woody materials, benefitting several salmon species and resident fish. In addition to the fish habitat benefits, the bridge will allow for safer shoulders and the separation of the Olympic Discovery Trail (connecting Puget Sound to the Pacific Ocean) from the road, providing for safe vehicle use and eliminating conflicts between vehicles and trail users. This project will support the equivalent of four full-time employees for a year with more than \$240,000 proposed to go to wages and benefits.

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### **Goldinov–Wilson Creek**

#### **Wahkiakum Conservation District**

**Grant Requested: \$309,000**

The Wahkiakum Conservation District's will use this grant and collaborate with the Goldinov family to implement a stream restoration project on Wilson Creek (East Valley Skamokawa Creek), which will address all priority species, life stages, and limiting factors as identified in the region's salmon recovery plan while helping the landowners address their local resource concerns, with an emphasis placed on establishment of forest shoreline buffer and livestock exclusion fencing to restore watershed processes and maintain habitat long-term. The project also proposes to install a farm bridge that will serve two purposes: access during the restoration efforts and provide livestock a means to move between pastures when the exclusion fence is constructed. This project has \$59,500 in match and will provide short-term support for 12 local positions.

### **Grayland Acquisition Project**

#### **Ducks Unlimited**

**Grant Requested: \$500,000**

Ducks Unlimited will use this grant to buy more than 1,750 contiguous acres of highly diverse and threatened habitats along the Washington Coast to protect a unique conservation property, restore the diverse habitats to the highest ecological functions and values, and create public use opportunities that are ecologically and economically compatible with the residents and visitors of the city of Westport, the Grayland community, and Grays Harbor County. Wildlife species using the property include waterfowl, marbled murrelet, bald eagle, Roosevelt elk, deer, black bear, and river otters. Community and human uses could be hunting, fishing, hiking, ecotourism, canoeing, biking, and passive wildlife observation. The requested \$500,000 is part of a \$4 million funding package projected to be needed to complete acquisition. An estimated four full-time employees could be created through the acquisition and development of the long-term planning and management.

### **Hungry Harbor Passage**

#### **Columbia River Estuary Study Task Force**

**Grant Requested: \$452,000**

CREST will use this grant to complete a restoration project to improve fish passage and off-channel rearing habitat at Hungry Harbor, in Pacific County. The culvert replacement will improve fish passage to about 2 miles of upstream rearing and spawning habitat and increase tidal connection between upstream habitat at Hungry Harbor and the Columbia River estuary. Other habitat enhancements will be used to improve overall off-channel habitat quality and complexity for salmonids. This project has \$485,000 in match and will support the equivalent of about four full-time employees for a year.

### **Moon Island Road Project**

#### **Hoquiam**

**Grant Requested: \$400,000**

The City of Hoquiam will use this grant to conduct an analysis and design of the removal of the riprap and rubble from the shoreline and the potential to relocate Moon Island Road away from the shoreline about 30 feet and then implement the riprap and rubble removal portion of the results of the analysis.

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This stage will prepare the 500 feet of shoreline to be restored to a natural condition that will be more accessible and have better quality for both marine life and people. This project will help secure vehicle access to the Hoquiam sewer plant and could reduce the sewer plant’s vulnerability to tidal flooding. This project will support the equivalent of more than two full-time employees for a year with more than \$180,000 proposed to go to wages and benefits.

### **Fry Creek Restoration and Flood Reduction**

#### **Aberdeen**

**Grant Requested: \$5,205,000**  
**(\$2,230,000 initial, \$2,975,000 alternate)**

The City of Aberdeen will use this grant to carry out the Fry Creek Habitat Restoration and Flood Risk Reduction project to improve water quality, restore salmon habitat, correct barriers contributing to salmonid mortality, provide public open space, and reduce flood risk in Fry Creek where it flows through Aberdeen and Hoquiam. This project would not only benefit target salmonid species, but also the community and economy in a region suffering from long-term economic depression, rising flood insurance costs, and high unemployment. The restoration of Fry Creek was the impetus for the Cities of Aberdeen and Hoquiam to come together in an effort to develop a flood risk master plan (known as “Timberworks”). This project has more than \$500,000 in match and this initial grant could support the equivalent of more than seven full-time employees for a year with more than \$665,000 going to wages and benefits.

### **Upper Quinault River Restoration**

#### **Quinault Indian Nation**

**Grant Requested: \$4,900,000**  
**(\$2,015,287 initial, \$2,884,713 alternate)**

The Quinault Indian Nation will use this grant to treat up to 3 miles (500 acres) of river channel with engineered logjams, plant up to 400 acres of shoreline with more than 80,000 conifer and other plants, survey and treat non-native plants in up to 4 miles (800 acres) of water and shoreline habitat, and reduce the risks of erosion and channel migration for up to 16 private landowners and 1.2 miles of public roads. This large effort will aim to restore: salmon habitat for sockeye and other salmon species; productivity of sockeye and other salmon species; natural stability of the river channel; and side channel and terrace tributary habitats and mature forests. This project will support the equivalent of 20 full-time employees for a year with more than \$1.5 million proposed to go to wages and benefits.

### **Hoquiam Surge Plain**

#### **Forterra**

**Grant Requested: \$91,000**

Forterra will use this grant to buy about 118 acres of surge plain and shoreline habitat, including about 1 mile of mainstem shoreline, which will add to the 1,325 acres of surge plain habitat along 10 miles of the East Fork Hoquiam River. Once acquired, Forterra, Chehalis River Basin Land Trust, and other project partners will complete both a stewardship plan and a final restoration design. In a second phase of the project, Forterra and project partners will implement the restoration design, which will include knotweed removal, planting native vegetation, and fish passage barrier removal, among other activities.

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Following restoration, Forterra will transfer the property to the Chehalis River Basin Land Trust for stewardship and management in perpetuity.