PROJECT REVIEW SHEET - EZ1

HISTORIC & CULTURAL RESOURCES REVIEW

Property / Client Name:	Hoh River Knotweed Control Project, 11-1455
Worksite Name/Number:	Hoh River Mainstem Right Bank (Worksite 1 of 2)
Funding Agency:	Rec. and Conserv. Office

Project Applicant	10,000 Years Institute
Contact Person	Jill Silver
Address	211 Taylor St Ste 35A
City, State, Zip	Port Townsend, WA 98368
Phone	(360) 385-0715
E-Mail	jsilver@10000yearsinstitute.org

Funding Agency:

Organization	Rec. and Conserv. Office
Address	PO Box 40917
City, State, Zip	Olympia, WA 98504-0917
Phone	360-902-3000
Contact	Kat Moore, Email: kathryn.moore@rco.wa.gov

PLEASE DESCRIBE THE TYPE OF WORK TO BE COMPLETED

(Be as detailed as possible to avoid having to provide additional information)

Provide a detailed description of the proposed project:

This project's objective is the complete eradication of invasive Bohemian and Giant knotweed in order to preserve and restore the Hoh River's riparian forests, and to thereby maintain the ecosystem services they provide to the river. Knotweed has demonstrated that it rapidly and completely disrupts natural succession in Washington's native riparian forests, disrupting or eliminating critical habitats that support native species such as the Hoh River's wild salmon, steelhead, and bull trout. The Hoh River watershed is famous for recreational fishing and boating, and supports tribal and non-tribal subsistence and commercial fisheries.

The project covers 30 miles of the Hoh River floodplain on the Olympic Peninsula in west Jefferson County, from the point of original infestation at a homestead, downstream to the river's mouth at the Pacific Ocean.

After 9 years of surveys and treatment, the Hoh knotweed infestation has been successfully reduced to a sparse but widely dispersed population. The majority of 108 plant sites observed in 2010 were less than 3' in height, and only 1 to 2 stems. New plants grow from stem and root fragments, deposited by floodwaters.

Data from this project also informs scientists about this species' ecology and effectiveness of evolving control strategies, and helps to educate policy-makers, resource professionals, landowners and the public about the ability of this plant to replace native plant communities, and impact aquatic and riparian habitats.

Describe existing project site conditions.

Current land use in the watershed include rural residential development, tourism, timber production and harvest, livestock grazing, gravel mining, commercial, subsistence, and recreational fishing and hunting. Over 500,000 visitors from all over the world visit the Hoh Rainforest in Olympic National Park each year. Sitka spruce and western hemlock can reach diameters of over eight feet and heights in excess of 250 feet in the Hoh River's floodplain. Deep pools important to adult salmon, steelhead, and bull trout for holding and feeding, and off-channel rearing and wintering habitats used by juveniles, are created or maintained by the stable large downed logs and log jams. Decades of timber harvest and conversion to agriculture within and adjacent to a highly active channel migration zone (CMZ) have reduced the number of trees that provide these and other critical functions in the high energy environment of the river. Without the big trees to anchor and protect riverbanks from erosion, low gradient tributaries have become inaccessible as the riverbanks are carved away into steep bluffs , reducing anadromous fish distributions in some tributaries in the watershed. The erosion also increases turbidity, sedimentation of spawning gravels, and filling of pools.

Describe any proposed ground disturbing activities. That is, will a tool(s) be used to move earth (soil, rock, gra

None

Will buildings be altered or demolished? If so please complete a DAHP Determination of Eligibility EZ2 form for each building affected by the proposed project and attach the form to your project in PRISM. http://www.dahp.wa.gov/pages/Documents/Sites.htm

No

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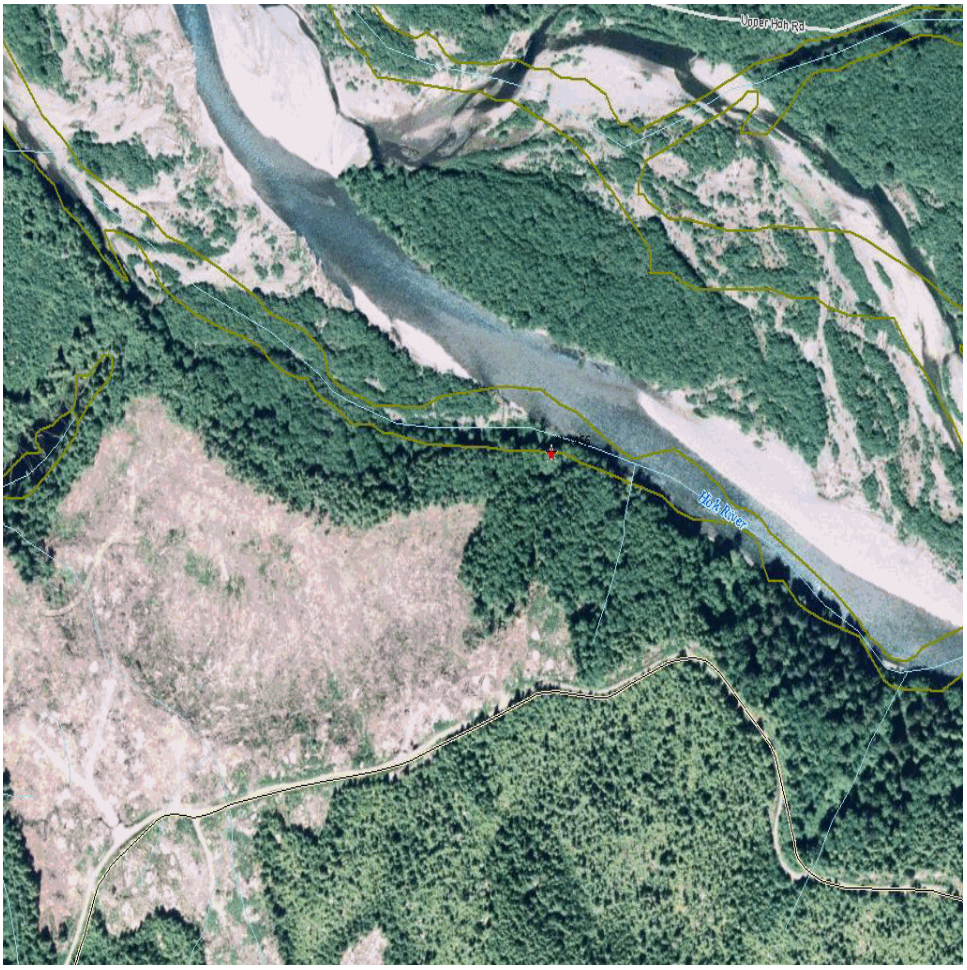
If no PRISM map, please attach a copy of the relevant portion of a 7.5 series USGS quad map and outline the project impact area.
(USGS Quad maps are available on-line at http://www.topozone.com)

Worksite Location (identified with star):

Address: N/A

Township: 27N
Range: 11W
Section: 30

City:
County: Jefferson
Latitude: 47.81
Longitude: -124.17



Property / Client Name: Hoh River Knotweed Control Project, 11-1455
Worksite Name/Number: Hoh River Mainstem Left Bank (Worksite 2 of 2)
Funding Agency: Rec. and Conserv. Office

Project Applicant 10,000 Years Institute
Contact Person Jill Silver
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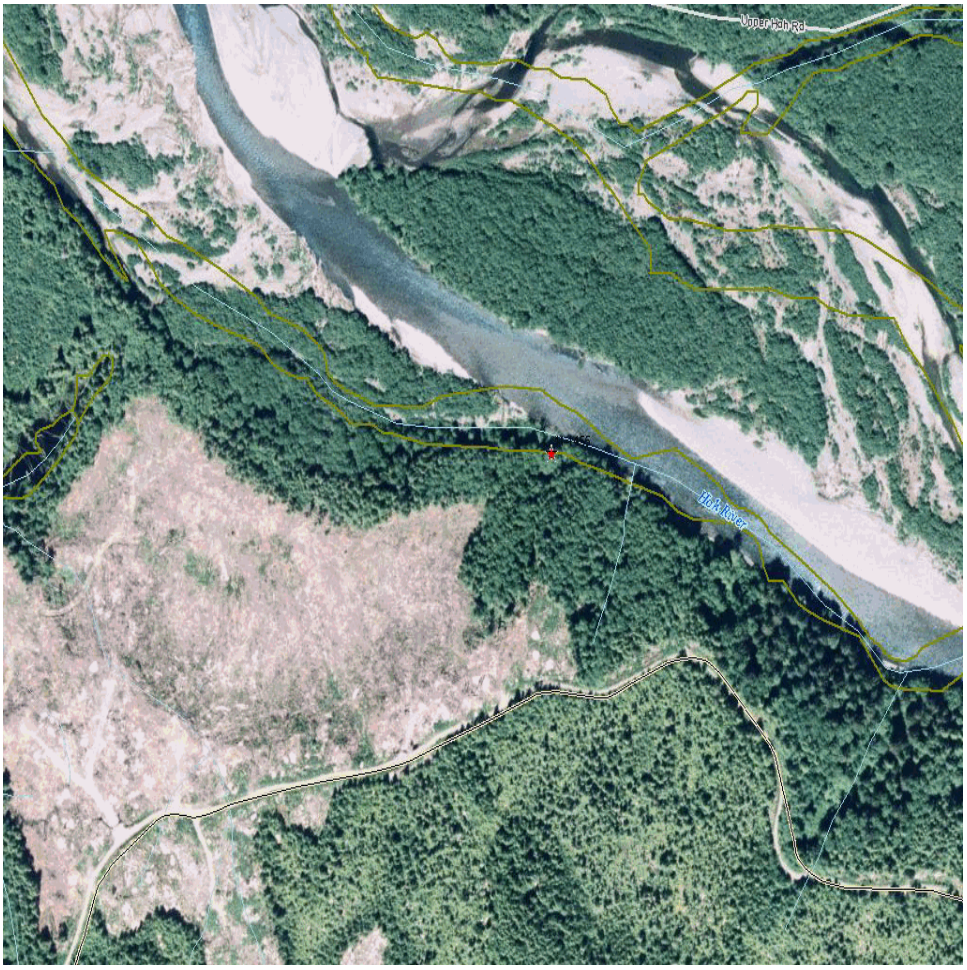
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