The Salmon Run



A Restoration & Recreation Plan for the Valley Creek Watershed in Port Angeles WA

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> Spawning Adult

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This We Know.

We are the earth, through the plants and animals that nourish us. We are the rains and the oceans that flow through our veins. We are the breath of the forests of the land, and the plants of the sea. We are human animals, related to all other life as descendants of the firstborn cell. We share with these kin a common history, written in our genes. We share a common present, filled with uncertainty. And we share a common future, as yet untold. We humans are but one of thirty million species weaving the thin layer of life enveloping the world. The stability of communities of living things depends upon this diversity. Linked in that web, we are interconnected - using, cleansing, sharing, and replenishing the fundamental elements of life. Our home, planet Earth, is finite, all life shares its resources and the energy from the sun, and therefore has limits to growth. For the first time, we have touched those limits. When we compromise the air, the water, the soil and the variety of life, we steal from the endless future to serve the fleeting present.

This We Believe.

Humans have become so numerous and our tools so powerful that we have driven fellow creatures to extinction, dammed the great rivers, torn down ancient forests, poisoned the earth, rain and wind, and ripped holes in the sky. Our science has brought pain as well as joy; our comfort is paid for by the suffering of millions. We are learning from our mistakes, we are mourning our vanished kin, and we now build a new politics of hope. We respect and uphold the absolute need for clean air, water and soil. We see that economic activities that benefit the few while shrinking the inheritance of many are wrong. And since environmental degradation erodes biological capital forever, full ecological and social cost must enter all equations of development. We are one brief generation in the long march of time; the future is not ours to erase. So where knowledge is limited, we will remember all those who will walk after us, and err on the side of caution.

This We Resolve.

All this that we know and believe must now become the foundation of the way we live. At this turning point in our relationship with Earth, we work for an evolution: from dominance to partnership; from fragmentation to connection; from insecurity, to interdependence.

Salmon Migration



Olympic Peninsula

Site Plan

Location

Neighborhood

Lauridsen

Neighborhood

Neighborh

owntown



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Lifecycle stages: Adult Salmon, Spawning Adult

Vulnerability State: Medium

Passive interaction area with multi-level platforms for viewing salmon migrating upstream to spawn, jumping over boulders and resting in pools along the stream bed.

Spawning & Beginning of Life

Passive interaction area with glass deck for viewing

Master Key

Lifecycle Stages: Parr, Smolt, Spawning Adult

Vulnerability State: Low to Medium

Active area to interact with the water and fish themselves. Small outdoor classroom available. Great space to actively cross the river and study the fish within their habitat.

Topography Hydrology

Fore

Forest

Circulation

D

ر =

Vehicular

Circulation

The restoration of Valley Creek will improve its ecological functions & Performance as well as add to the beauty of the Pacific Northwest.

Wayfinding

Conifer-Hardwood --- Trees ---- Shrubs -----

Forest Composition

Forest Dominated by evergreen conifers, deciduous broadleaf trees, or both.

Abundance of large coniferous trees, a multi-layered canopy structure, large snags, and many large logs on the ground.

Understories are structurally diverse.

Mosses are often a major ground cover.

Western Hemlock Douglas-Fir Western Redcedar Sitka Spruce Red Alder Bigleaf Maple SalalBeargrassDwarf OregongrapeOval-leaf HucklebVine MapleEvergreen HucklebPacific RhododendronRed HuckleberrySalmonberryFools HuckleberryTrailing BlackberryRed Elderberry

BeargrassSwordfernOval-leaf HuckleberryOregon OxEvergreen HuckleberryDeerfernnRed HuckleberryBracken FerFools HuckleberryVanillaleafRed ElderberryCommon W

Forbs

SwordfernWestern SpringbeautyOregon OxalisFoamflowerDeerfernInside-out flowerBracken FernMossVanillaleafTwinflowerCommon WhippleaFalse Lily-of-the-valley

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Ecosystem Support Story

> Salmon are known as a keystone species because of their unique lifecycle. They supply food to a variety of species within their ecosystem as well as nutrients to the water and surrounding riparian vegetation. Each area of the ecosystem support story can be seen within the site plan, represented by art on the ground plain

Water Quality

Stircambed Stircambed glass aquanium Wall tor Underwoter Concrete base For Salish art Ramped Boardwalk

To Trail

System/

Scale: 1:10 Valley Creek Mammal Species

Riparian Plant Life