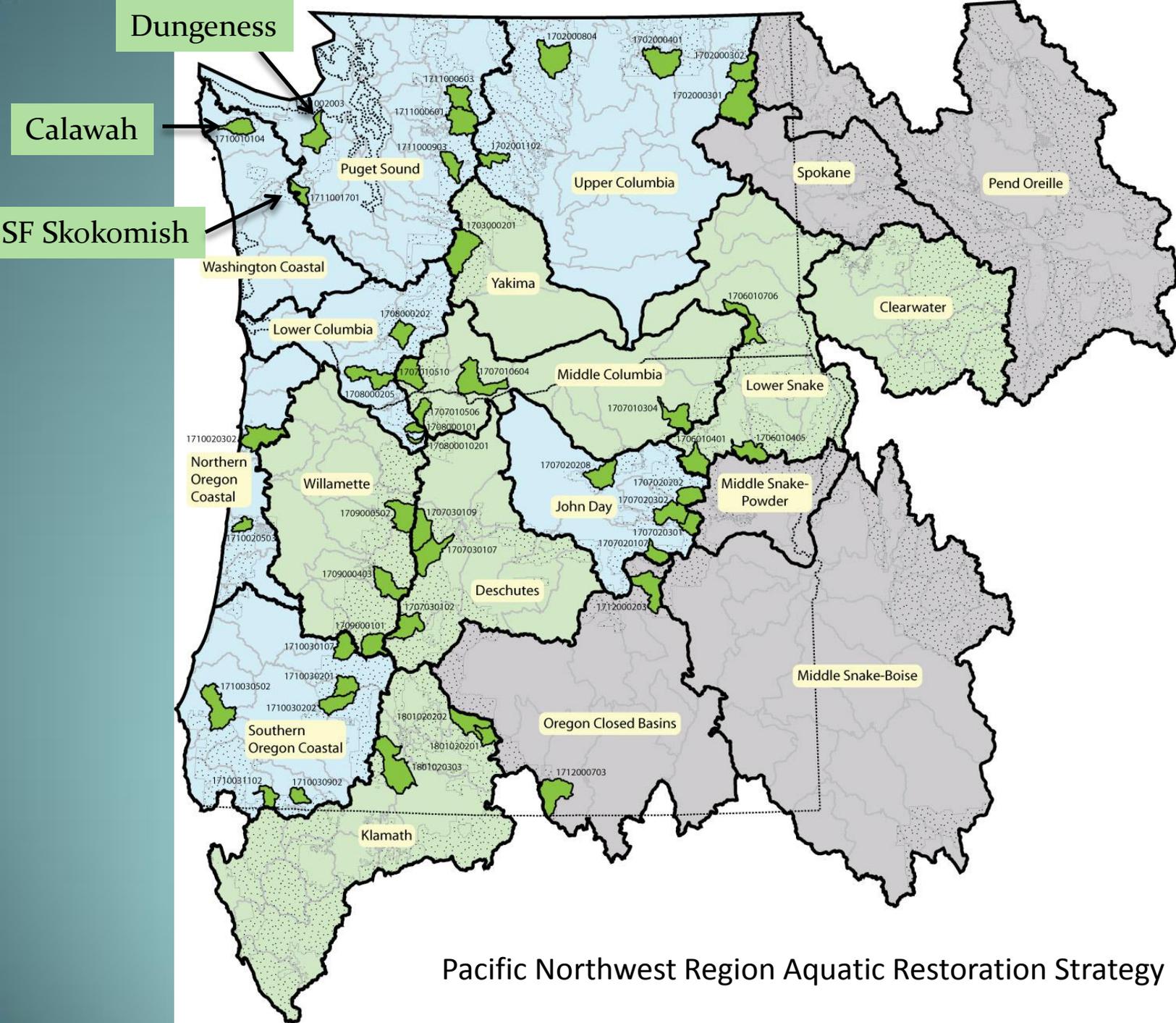


Dungeness Watershed Action Plan

Olympic National Forest



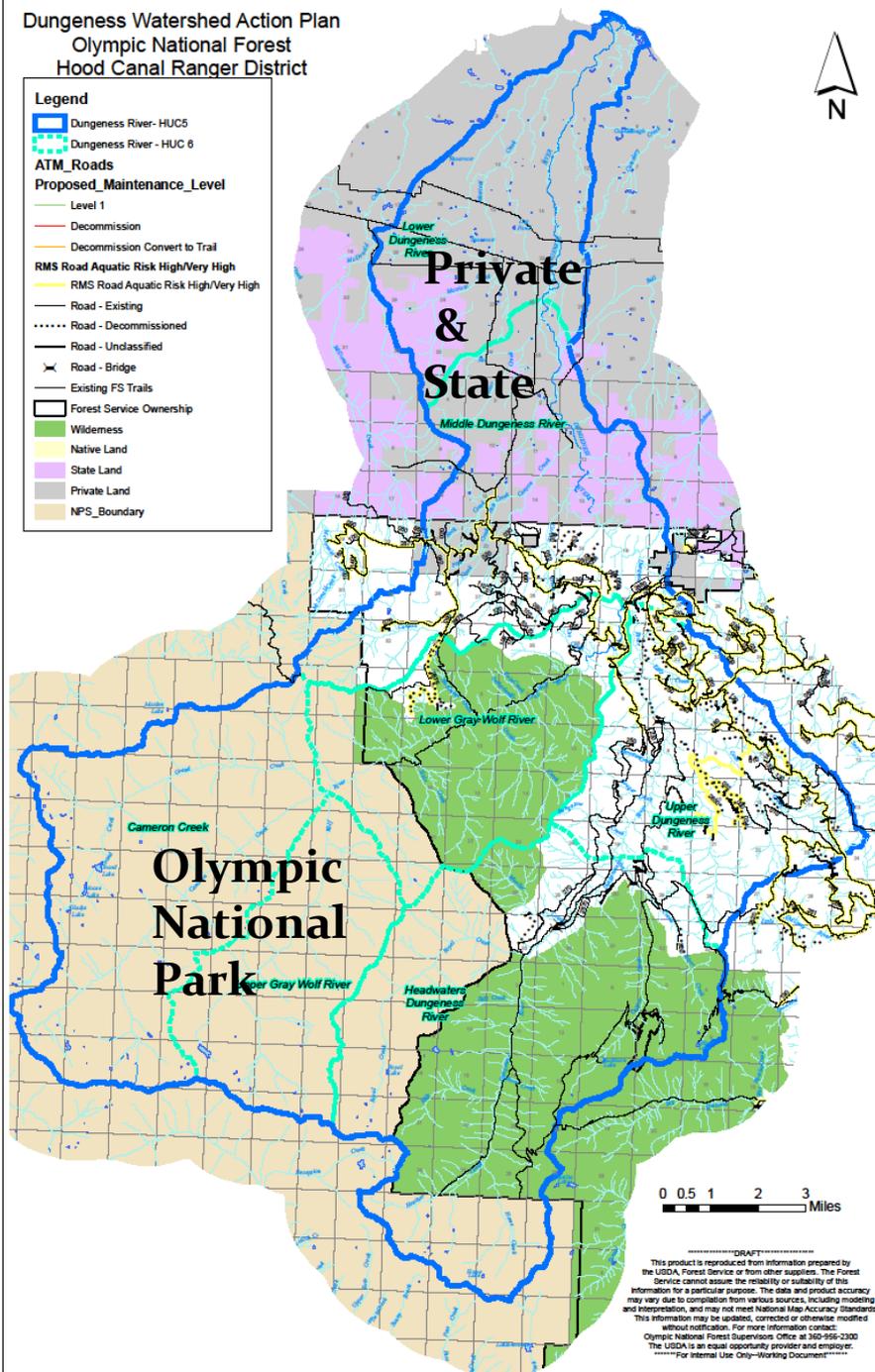


Pacific Northwest Region Aquatic Restoration Strategy

Dungeness Watershed Action Plan
 Olympic National Forest
 Hood Canal Ranger District



- Legend**
- █ Dungeness River- HUC5
 - █ Dungeness River - HUC 6
 - ATM_Roads**
 - Proposed_Maintenance_Level**
 - Level 1
 - Decommission
 - Decommission Convert to Trail
 - RMS Road Aquatic Risk High/Very High**
 - RMS Road Aquatic Risk High/Very High
 - Road - Existing
 - - - - Road - Decommissioned
 - Road - Unclassified
 - ✕ Road - Bridge
 - Existing FS Trails
 - Forest Service Ownership
 - Wilderness
 - Native Land
 - State Land
 - Private Land
 - NPS_Boundary



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Watershed Action Plans

- Identify all high priority aquatic, terrestrial, and recreation restoration projects that need to be completed to set the watershed on a trajectory of recovery
- Work with partners in a collaborative manner to identify restoration projects, secure funding, and implement projects
- Make the projects in the watershed eligible to compete for funding
- Is not intended to be a complete list of all remaining restoration work needed, but to display prime opportunities

Background Analyses for Dungeness Watershed

- Dungeness Watershed Analysis (1995)
- Dungeness Watershed Improvement Needs Inventory (2001)
- Dungeness Watershed Analysis (2nd Iteration, 2002)
- Olympic NF Access and Travel Management Plan (2002)
- Olympic NF Strategic Plan (2005, 2011)
- R6 Aquatic Restoration Strategy (2005)
- Dungeness River Management Team Proposed List for Restoration Activities (2005)
- Field knowledge of FS staff & cooperators

Dungeness Watershed Action Plan Goals

G1 - Maintain, improve, and restore natural watershed processes

G2 - Use best available science

G3 - Involve community in stewardship

G4 - Create sustainable infrastructure

G5 - Develop framework that fosters future collaboration

Dungeness Watershed Action Plan Objectives

- O1 - Enhance and protect water quality and quantity
- O2 - Enhance riparian, aquatic, and terrestrial ecosystems
- O3 - Engage broadest spectrum of community
- O4 - Identify and prioritize high priority projects needed for restoration and protection
- O5 - Incorporate current information on climate change
- O6 - Identify leaders in community to make this effort successful
- O7 - Utilize an integrated approach within FS and community

Dungeness WAP Participation

Jamestown S'Klallam Tribe

Office of Congressman Dicks

Dungeness River Management Team

Olympic Forest Coalition

The Wilderness Society

Olympic Parks Associates

National Forest Foundation

Sierra Club, Washington Chapter

Back Country Horsemen of Washington

Washington Trail Association

Gray Wolf Trail Crew

Members of OHV, mountain bike, hiking, horseman, and
other recreational users

Washington Department of Fish and Wildlife

Local citizens

June 28 Public Meeting

- Introduction of Focus Watershed and Watershed Action Plans
- Past restoration efforts in watershed on NFS lands
- Examples of potential projects
- Collaborative Group process and invitation to join
- Request for public to provide project ideas
- Timeline



July 29 Field Trip



Field visits to completed restoration projects to show type of activities that can be included in Watershed Action Plan:

- Road decommissioning
- Road stabilization
- Pre-commercial thinning
- Wetland restoration
- Redesign of trailhead
- Trail improvement
- Fish passage

August 10 Field Trip

Field trip with Dungeness River Management Team & other members of Collaborative Group. Review of projects proposed for Watershed Action Plan:

- Road maintenance and upgrade
- Fish passage and large wood placement
- Culvert upgrade and drainage improvement
- Road decommissioning
- Restoration of Botanical Areas
- Public access to recreation areas



October 17 Workshop



Review of proposed project list:

- Restoration activity type
- Miles, acres, or # sites restored
- Estimated costs
- Rationale for project
- Evaluation process of each project by FS specialist
- Discussion on implementation feasibility
- Presentation on Recreation Study Area.

Collaborative Group reviewed proposed projects and made recommendations to move forward with District Ranger approval of Watershed Action Plan project list.



Restoration Projects Proposed for Dungeness Watershed Action Plan



Summary of Aquatic Restoration Projects

- Aquatic Organism Passage – 7 sites
- Large Woody Debris Placement – 2 sites
- Road Closure/Storage – 8 miles
- Road Decommissioning - 15 miles
- Road Upgrade - 55 miles
- Unclassified Road Obliteration - 8 miles
- Riparian Dispersed Recreation Site Rehabilitation
- WDFW Canyon Creek Fish Ladder (located north of NFS lands)



Gold Creek Culvert Fish Passage
Barrier Removal
2006

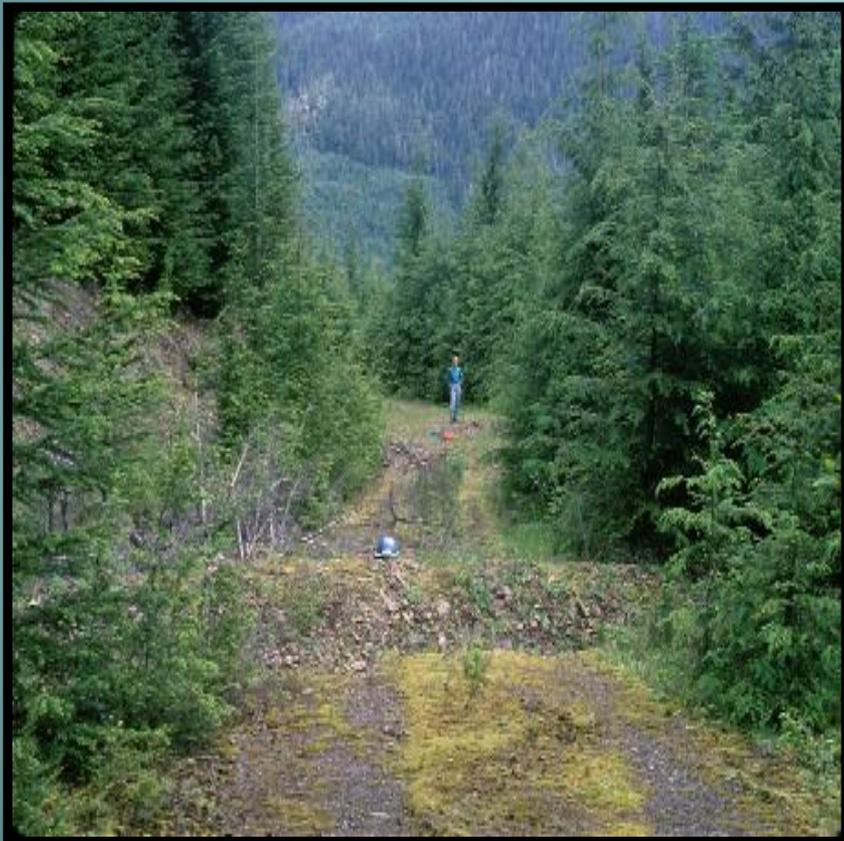


Road Upgrading – Aquatic Organism Passage

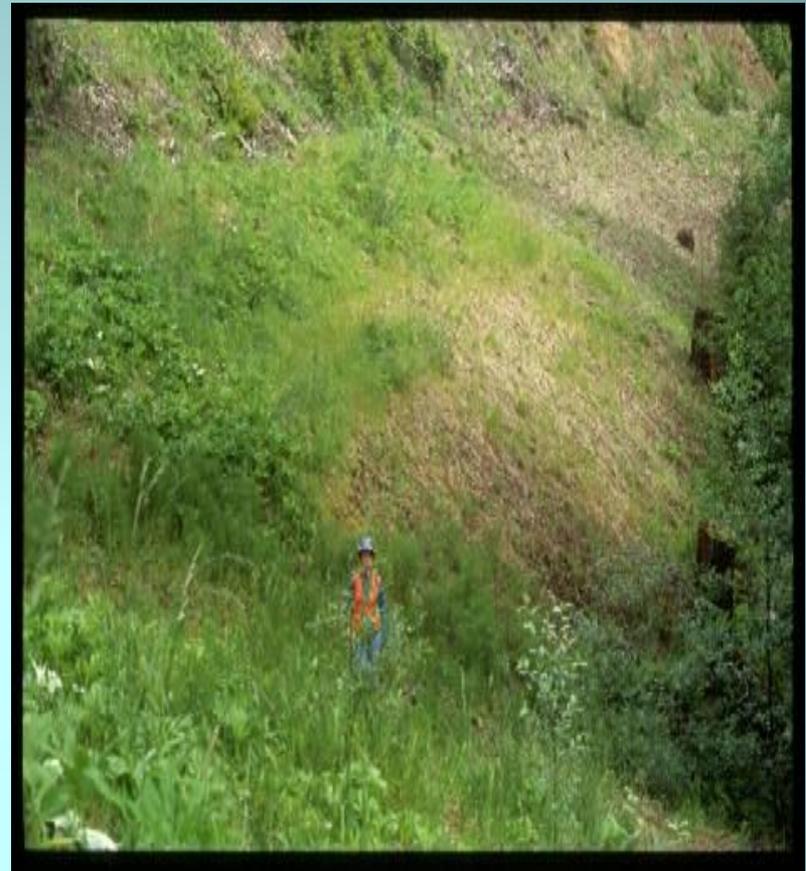


Road Decommissioning

- Low Intensity



- High Intensity



FSR 2860

8/6/03

Stream Adjacent Road Removal



9/23/03



Instream Large Wood



Riparian Dispersed Recreation Site Rehabilitation



Summary of Terrestrial Restoration Projects

- 500+ acres– Young Stand Thinning
- 300+ acres – Snag Creation
- 30+ acres – Invasive Plant Treatments
- 10+ acres – Native Revegetation
- 10+ acres – Wetland Restoration
- 4 sites– Botanical Area Restoration
- 1 parcel - Acquisition

Young Stand Thinning



Botanical Area Restoration and Invasive Weed Control



Pat's Prairie Botanical Area

Native Revegetation



Closed road planted and seeded with species preferred by wildlife as forage



Reducing road density in big game habitat



Riparian area planted with conifers

Summary of Recreation Restoration Projects

- Campground Well Replacement
- Road Decommission, Conversion to Trail
- Site Reclamation
- Trail Repair and Restoration
- Ned Hill Lookout
- Trail Bridge Repair

Decommission - Convert to Trail



Eddy Creek – Former 2860 Road



Lower Dungeness Trail



Trail Reconstruction



Muddy crossing at Lower Dungeness Trail



Puncheon converted to turnpike on the Upper Dungeness Trail

Slabcamp Pit Reclamation



Recreation Trail Study Area

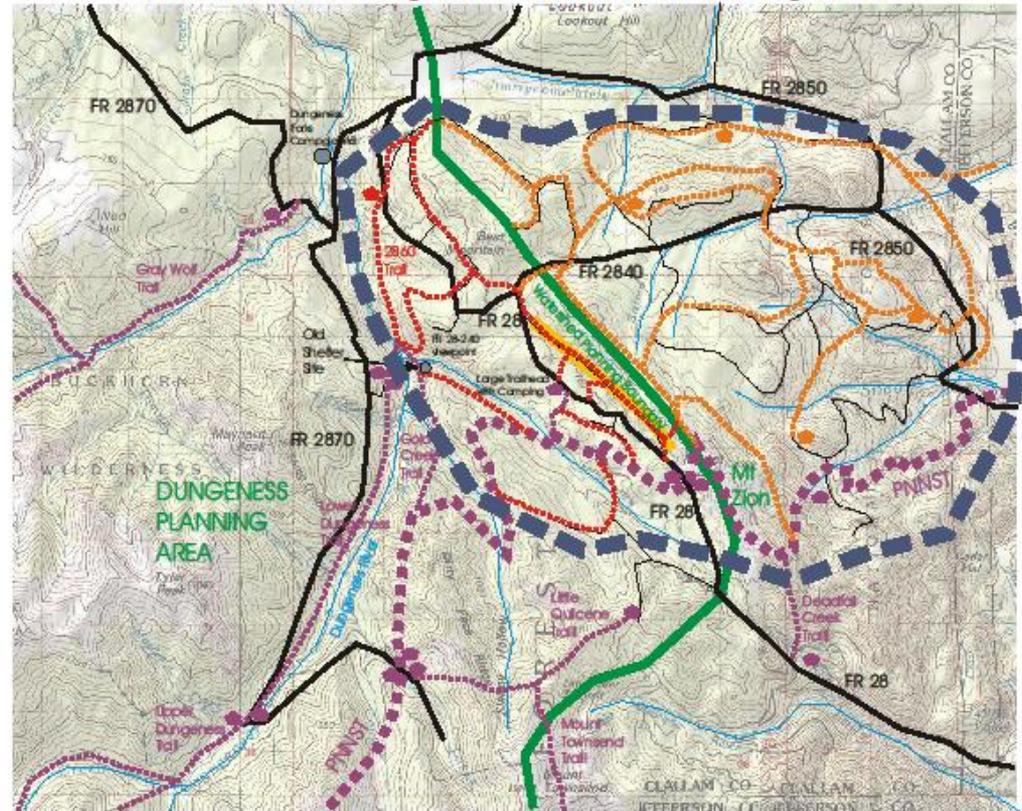
- Dungeness and Sequim Bay 5th field watersheds
- Initial project proposal from Back Country Horseman
- Includes multiple user groups in various sections of area
- New trail construction to create loops
- Trailhead improvement and creation of new trailheads with overnight facilities

Will require further coordination between FS and recreation community.

PROPOSED TRAILS STUDY AREA

East of Dungeness River: Mt Zion Area (Gold, Salmon, Snow, Trapper, Jimmycomelately)

Exhibit for the Dungeness Watershed Planning Team



- ■ ■ ■ ■ Pacific Northwest National Scenic Trail (PNNST)
- Existing National Forest trails
- Possible new National Forest trails within Dungeness watershed
- Possible new National Forest trails outside Dungeness watershed
- 🏠 🏠 🏠 Trailheads (some with campsites and/or overnight facilities)
- 🚲 Proposed Bike Skills trail in addition to all-user trail
- ⌈ ⌋ 2012 Proposed Study Area Boundary

Location: Hood Canal District
Olympic National Forest

Next Steps

- Identify funding opportunities & timeline for each project
- Spring workshop to prioritize projects and outline timeline
- FS to work with CG to further refine the current proposals (e.g., Recreation Trail Study Area)
- Work parties in summer
- Finish Watershed Action Plan by end of calendar year

Working Together

- Role of Dungeness River Management Team
- Maintaining momentum and how to be involved
- Funding opportunities for project list of \$8 million
 - Legacy Roads
 - Whole Watershed Joint Venture
 - Stewardship Contracting
 - Salmon Recovery Funding Board
 - Other sources



Moving Forward: Current Projects

- Gold Creek decommissioning - implementation
- Large wood placement with Jamestown S’Klallam Tribe - planning
- Pre-commercial thinning & wildlife habitat enhancement –implementation
- Invasive weed inventory and treatment - ongoing
- Cranberry Bog Botanical Area restoration – implementation

Questions?

