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Mr. Neal Coenen  
Governor's Natural Resources Office  
900 Court Street NE  
Salem, OR 97301-4047

I am pleased to report the Forest Service (FS) FY 2000 accomplishments related to the federal measures described in the Oregon Plan. During the past year, the 13 National Forests and Columbia River Gorge National Scenic Area (CRGNSA) have contributed to the Oregon Plan efforts in numerous ways, some of which are highlighted below:

- Assessed over 4,000 culverts for fish passage
- Performed 329 miles of stream restoration projects
- Decommissioned 270 miles of roads
- Implemented 18,104 acres of soil and water projects
- Surveyed 415 miles of streams to document fish habitat
- Directed \$1,276,400 to Wyden Amendment Projects for Watershed Restoration
- Allocated \$280,000 for agency participation in watershed councils
- Continued support for the FS Liaison to the Oregon Plan

Further, we extend our appreciation for permitting several Forests to participate in the research and monitoring program facilitated by Dr. Bruce McIntosh of the Oregon Department of Fish and Wildlife and Kelly Moore of the Oregon Watershed Enhancement Board. This effort not only included the FS in cooperative monitoring efforts but it benefited us through a reduction of consultation required under the Endangered Species Act.

For the year 2001 and beyond, we look forward to being even more active in Oregon Plan activities. One opportunity, brought to our attention in the *Oregon Plan Annual Progress Report 2001*, was that improvements in restoration reporting are needed. Currently, the FS reports its restoration projects to the Oregon Watershed Enhancement Board through the Interagency Restoration Database (IRDA). Because we are committed to providing the state this information, we would like your suggestions on the ways in which the IRDA process can be improved. Also, the FS believes that the accomplishments listed in this document represent significant contributions to Oregon Plan efforts; however, it is unclear how this information is being used and we would be interested in discussing this issue with you. Scott Peets, of my staff, will be contacting your office to initiate work on these issues.

In short, the FS is committed to being a full partner with Oregon Plan efforts, and with such a commitment, it is our belief that future accomplishment reports will demonstrate increased cooperation between the FS and State of Oregon.



Mr. Neal Coenen

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Enclosed is a list of Forest contacts and a summary of FY 2000 accomplishments related to the Federal measures described in The Oregon Plan.

If you have any questions about specific items in this report, please contact Dave Heller at 503-808-2994, or Scott Peets, at 541-750-7181.

Sincerely,

/s/ *Linda Goodman* (for)

HARV FORSGREN  
Regional Forester

Enclosures

cc:  
S.Madsen  
P.Mattson  
S. Peets

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## USDA FOREST SERVICE (FS)

Thirteen National Forests (NFs) are located within the state of Oregon and include the following: Deschutes, Fremont, Malheur, Mt. Hood, Ochoco, Rogue River, Siskiyou, Siuslaw, Umatilla, Umpqua, Wallowa-Whitman, Willamette, Winema. The Columbia River Gorge Scenic Area (CRGSA), part of the Forest Service (FS), is located in Oregon, as well. They all provide priority management for riparian and aquatic resources through the implementation of Land and Resource Management Plans (Forest Plans).

Specific accomplishments related to the Federal Measures, listed on the proceeding pages, are summarized by National Forest. For additional information, contact the following individuals:

Regional Office:	Dave Heller – Fisheries (F)	503-808-2994
	Bruce McCammon – Hydrologist (H)	503-808-2847
CRGSA	Richard Larson (F)	541-308-1718
Deschutes NF	Dan Rife (F)	541-383-5534
	Marc Wilcox (H)	541-383-5537
Fremont NF:	Clay Speas (F)	541-947-6258
	Mike Montgomery (H)	541-947-6254
Malheur NF:	Richard Gritz (F)	541-575-3091
	Judy Hallisey (H)	541-575-3090
Mt. Hood NF:	Dan Shively (F)	503-668-1605
	Ivars Steinblums (H)	503-668-1780
Ochoco NF:	Dan Rife (F)	541-383-5534
	Marc Wilcox (H)	541-383-5537
Rogue River NF:	Randy Frick (F)	541-858-2270
	Jon Brazier (H)	541-858-2271
Siskiyou NF:	Dan Delany (F)	541-471-6533
	Chris Park (H)	541-471-6761
Siuslaw NF:	Mike Clady (F)	541-750-7053
	Karen Bennett (H)	541-750-7101
Umatilla NF:	John Sanchez (F)	541-278-3819
	Caty Clifton (H)	541-278-3822
Umpqua NF:	Jeff Dose (F)	541-957-3301
	Mikeal Jones (H)	541-957-3356
Wallowa-Whitman NF:	Ralph Browning (F)	541-523-1365
	Craig Kendall (H)	541-523-1382
Willamette NF:	Amy Unthank (F)	541-465-6699
	Deigh Bates (H)	541-465-6934
Winema NF:	Clay Speas (F)	541-947-6258
	Mike Montgomery (H)	541-947-6254

## FS Measure 1 – Watershed/Habitat Restoration

The goals of the watershed restoration program are to provide long-term benefits to salmon, steelhead, and inland fish habitat and ensure fully functioning, healthy watersheds. It is a critical program on all NFs in the state of Oregon. The majority of restoration projects are implemented to address the Endangered Species and Federal Clean Water Acts, and strong efforts are made to integrate activities (upslope, riparian, and instream) across federal and private lands to work towards whole watershed restoration.

Table 1, entitled *FS Watershed Restoration Projects on Oregon National Forests – FY 2000*, summarizes the most common restoration projects.

<b>Table 1 - FS Watershed Restoration Projects on Oregon National Forests – FY 2000</b>															
<b>Project Type</b>	<b>National Forests*</b>														<b>Total</b>
	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	
<i>Road Decomm.</i>	-	27	62	15	-	13	15	9	19	16	60	14	19	1	<b>270 miles</b>
<i>Noxious Weeds</i>	565	220	205	464	260	108	207	420	5325	159	3296	6615	134	126	<b>18,104 acres</b>
<i>Soil &amp; Water</i>	110	400	400	155	135	-	687	250	198	150	487	38	100	7	<b>3,117 acres</b>
<i>Fish Habitat Stream</i>	17	11	21	18	19	26	19	28	41	45	32	45	5	2	<b>329 miles</b>
<i>Fish Habitat Lake</i>	21	5	0	5	0	25	5	0	0	1	0	11	85	0	<b>158 acres</b>

\*1-Deschutes, 2-Fremont, 3-Malheur, 4-Mt. Hood, 5-Ochoco, 6-Rogue River, 7-Siskiyou, 8-Siuslaw, 9-Umatilla, 10-Umpqua, 11-Wallowa-Whitman, 12-Willamette, 13-Winema, 14-Columbia River Gorge Scenic Area. “-“ signifies no accomplishments reported.

### **USFS Measure 3 – Monitoring and Evaluation**

An interagency team, including the FS, developed a methodology to test the effectiveness of the Northwest Forest Plan Aquatic Conservation Strategy. The model assesses the cumulative effects of all management practices on National Forest lands and is intended to be used as a means to track the long-term trends of watershed health as it relates to aquatic resources. During the year 2000, three pilot watersheds were assessed.

Several new monitoring efforts are being implemented under PACFISH and INFISH, the two FS management strategies that provide Riparian Management Objectives for NFs east of the Cascade Mountains. First, implementation monitoring is occurring for management related to minerals, vegetation, and recreation. Second, a pilot program was implemented to test the effectiveness of the Riparian Management strategy contained in those plans.

Each NF is required to complete an annual monitoring report that helps track the implementation of individual Forest Plans. Monitoring and evaluation may lead to changes in management practices or provide the basis for adjustments to a Plan. Practices are changed when monitoring results indicate that the practice or standards and guidelines are not working to provide the desired conditions.

### **USFS Measure 4 - Inventories**

Inventory information is critical for prioritizing and planning restoration projects and guiding FS activities such as timber sales, road construction, and recreational developments in a manner that will not have adverse effects on aquatic resources. Many inventory projects are being conducted throughout all Oregon NFs, but two inventories, in particular, are conducted most frequently to help the agency address the most pressing aquatic issues. Table 2, titled *FS Watershed Inventory Projects on Oregon National Forests – FY 2000*, displays common inventory projects.

In addition, many other site-specific inventories are conducted as part of project planning and include actions such as Level III stream surveys, pebble counts, turbidity measurements, stream classifications, and fish presence.

<b>Project Type</b>	<b>National Forests*</b>														<b>Totals</b>
	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	
<i>Level II Stream Sur.</i>	26	25	12	41	15	28	35	50	45	34	40	49	15	-	<b>415 miles</b>
<i>Water ** Temp. Mon.</i>	50	50	50	50	50	50	50	50	50	50	50	50	50	-	<b>650 sites</b>

\*1-Deschutes, 2-Fremont, 3-Malheur, 4-Mt. Hood, 5-Ochoco, 6-Rogue River, 7-Siskiyou  
8-Siuslaw, 9-Umatilla, 10-Umpqua, 11-Wallowa-Whitman, 12-Willamette, 13-Winema,  
14-Columbia River Gorge Scenic Area

\*\* Each NF distributes at least 50 water temperature sensors, so the total of “650 sites” is a close but conservative estimate. Further, most if not all Forests follow the DEQ protocol for stream temperature monitoring.

### **FS Measure 5 – Planning and Assessment**

Planning and assessment activities are essential in guiding watershed restoration on NF System lands. The Northwest Forest Plan (NFP) Aquatic Conservation Strategy guides planning and assessment actions on the west side of the state. In areas not covered by the NFP, PACFISH, INFISH, and the Interim Watershed Restoration Strategy guide recovery planning for native fish. The Interior Columbia Basin Ecosystem Management Project, when completed, will provide a long-term planning and assessment approach to the lands not covered by the NFP.

An integral part of watershed planning is the watershed analysis. In short, watershed analysis is designed to identify the hydrologic and ecological processes within a watershed, the ways those processes are distributed in time and space, the current conditions of upland, riparian, and stream channels, and the ways in which these factors influence various aquatic resources. The analysis serves as a foundation for decision makers to prioritize and direct watershed restoration in the most ecological and cost effective manner. In addition, the FS places a strong emphasis on sharing watershed analysis documents with the State and watershed councils in a manner that leads to cooperative basin analysis and restoration.

Tables 3 and 4 display the number of Forest Service watershed analysis documents completed in Oregon.

<b>Project Type</b>	<b>National Forest*</b>														<b>Totals</b>
	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	
<i>Watershed Analysis</i>	0	1	2	0	1	0	0	0	1	0	2	0	0	0	<b>7 Documents</b>

\*1-Deschutes, 2-Fremont, 3-Malheur, 4-Mt. Hood, 5-Ochoco, 6-Rogue River, 7-Siskiyou  
8-Siuslaw, 9-Umatilla, 10-Umpqua, 11-Wallowa-Whitman, 12-Willamette, 13-Winema,  
14-Columbia River Gorge Scenic Area

<b>Calendar Year</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>Total</b>
<i>FS Watershed Analysis Completed in Oregon</i>	24	49	44	43	37	15	7	<b>219</b>

Additionally, in FY 2000, nine of thirteen National Forests (NF) in Oregon completed detailed fish passage assessments of 1054 culverts in fish bearing habitat. The assessment of all culverts in fish-bearing habitat on NF in Oregon will be complete by the end of FY 2001. Information from these assessments will contribute to coordinated efforts to plan fish passage restoration in many watersheds across Oregon. A pilot effort at cooperative, basin-wide prioritization of fish passage was initiated by the Region in Hood River in July of this year, involving Oregon Department of Fish and Wildlife, Oregon Department of Transportation, Tribal representatives, the watershed council, and many other contributors.

### **FS Measure 6 – Technical Training**

To implement the NWP, PACFISH, and INFISH strategies, the FS requires a technically proficient workforce in the areas of watershed analysis, restoration, and monitoring. In order to maintain and enhance these skills, approximately 80 FS personnel within Oregon attended one or more of the following training courses: Stream Habitat Inventory, Effective Stream Survey Data Interpretation, Applied Fluvial Geomorphology, Aquatic Ecosystem Monitoring and Evaluation, and Stream and Watershed Restoration Design and Implementation. Further, these classes are being made available to other Federal agencies, state agencies, and watershed councils, and outreach notices are distributed throughout the year. For more information concerning these training opportunities, access the following website: [www.fs.fed.us/r6/water/fhr/training](http://www.fs.fed.us/r6/water/fhr/training).

### **FS Measure 7 – Cooperative Funding**

Using Wyden Amendment authority, the FS supported seventeen cooperative watershed restoration projects across Oregon—totaling \$1,276,400. The Amendment enabled the FS to enter into collaborative agreements with state agencies, local governments, and private landowners for the protection, restoration, and enhancement of aquatic resources on both public

and private lands. For example, the Siskiyou NF donated 1,000 conifers to the Coquille Watershed Association for riparian planting on private lands, the Umatilla NF implemented prescribed burns across land ownerships to reduce hazardous fuels, and the Siuslaw NF assisted with placing large wood on private-land streams.

In addition, FS personnel participate on four of five OWEB Regional Review Teams, donating 320 FS person hours to reviewing OWEB applications. Finally, each of the 14 NF units within the state of Oregon received \$20,000 for watershed council support, totaling \$280,000, funding activities such as watershed analysis, restoration planning, and design.

### **FS Measure 8 – Education/Interpretation Outreach**

In 2000, the FS led many educational activities throughout the state of Oregon. National Fishing Week programs, for example, are conducted by each of the 13 NF and are used as an opportunity to promote the wise use of fish resources, convey conservation practices, and to promote community involvement. Other educational programs specific to individual Forests include Salmon Watch, Cascade Streamwatch, the Kokanee Karnival, and more. These programs promote awareness of watershed and aquatic ecosystem function and needs.

### **FS Measure 10 – Interagency and Tribal Coordination:**

In 1999, the FS created a full-time liaison position to increase cooperative watershed restoration by integrating the FS Aquatic Conservation Strategies and the Oregon Plan for Salmon and Watersheds.

For 2000, liaison objectives included informing State agencies of ongoing and future FS activities, increasing our involvement in watershed councils, and cooperating with the State's monitoring and restoration efforts. The liaison also sought funding opportunities to promote an overall increase in FS participation in the Oregon Plan.

The Region has partnered with 'For the Sake of the Salmon,' to query watershed councils, assess Forest Service support for councils and recommend ways to improve our participation.

### **FS Measure 11 - Watershed Council Support and Coordination**

Each of the 14 NF units in Oregon were allocated \$20,000 (totaling \$280,000) to help fund FS participation in watershed councils, double the 1999 allocations. The funding increased FS involvement in watershed councils in the areas of temperature monitoring, fish habitat surveys, participation on technical advisory committees, watershed assessments, and more.

### **FS Measure 12 – Key Aquatic Habitat Acquisition**

As a result of land purchases, the FS acquired 309 acres of land that has direct or indirect benefits to riparian resources. The 2000 land acquisitions include the following: 299 acres of wetlands, Fremont NF; 10 acres along the Wild and Scenic Umpqua River, Umpqua NF.

## **FS Measure 13 – Hydropower Relicensing and Coordination**

The FS is fully engaged in the relicensing of six non-federal hydropower projects within Oregon. As part of this workload, we are working closely with ODFW and other agencies to resolve aquatic issues associated with the projects and recover depressed or declining fish populations. Agency involvement includes Regional Office (RO) Fisheries Staff, the Regional Hydropower Assistance Team, and the following NFs: Deschutes, Mt. Hood, Umpqua, and Wallowa-Whitman.

The six projects within the State of Oregon are:

**Pelton/Round Butte (Deschutes River)** - The major fisheries issue to the upper Deschutes bank are restoration of fish passage and re-introduction of anadromous fish. In the past year, test releases of Chinook/sockeye fry and steelhead smolts have occurred upstream of the project in preliminary tests of reintroduction of Anadromous fish.

**Hells Canyon Complex (Snake River)** - As currently operated, the Hells Canyon Complex is the upstream limit to anadromous fish distribution in the Snake River. Major issues include fish passage for bull trout and anadromous fish, operational effects on Threatened and Endangered (TES) fish species downstream of the project within the Wild and Scenic Hells Canyon reach, and the lack of sediment transport downstream of the complex and its effect on multiple resources.

**North Umpqua (North Umpqua River)** - This is the first hydropower re-licensing in which implementation of the Northwest Forest Plan has played a major role. Major aquatic issues include biological and physical connectivity at the project (fish/other aquatic organisms and sediment/wood transport), restoration of flows in bypass reaches, and water quality.

**Bull Run (Sandy River)** - Major issues are associated with proposal to remove Marmot Dam on the Sandy River, and include potential interactions between native and hatchery fish in the basin and disposal of sediments captured by Marmot Dam.

**Clackamas River Projects** - Major aquatic issues include upstream and downstream fish passage, and the effects of the facilities and project operations on native fish and aquatic habitat.

**Rock Creek (Powder River Watershed)** - Major issues are fish passage at the low head dam, screening at the power canal, and provision of sufficient in-stream flows for bull trout and native cutthroat in the bypass reach.

## **FS Measure 14 – Clean Water Act Section 303 Compliance**

It is the responsibility of the FS as a federal land management agency—through the implementation of the Federal Clean Water Act (CWA)—to protect and restore the quality of public waters under its jurisdiction. Those water bodies that do not meet water quality standards are listed as impaired under section 303(d) of the CWA. To help meet this goal, the FS has set a goal to address all impaired water bodies on NF lands within five years, designed to coordinate

with the Oregon Department of Environmental Quality's goal of completing Total Maximum Daily Loads for all impaired watersheds in Oregon by 2007. This will be done through the development of Water Quality Restoration Plans (WQRPs). In 2000, a total of 14 WQRPs were completed or nearly completed.

To support the CWA, all of the Oregon NFs are heavily involved in collaborative efforts with federal, state, local governments and local watershed councils. Forest personnel are working with these governments and councils to provide technical support, as outlined in the Oregon Plan. Further, many of the restoration projects listed Table 1 - USFS Watershed Restoration Projects on Oregon NFs – FY 2000 were implemented to help resolve water quality issues.