

Oregon Plan for Salmon and Watersheds Progress Report for July - September 2000

Natural Resources Division

October 10, 2000

ODA Task #1: Senate Bill 1010 Activities

ODA will develop and begin implementation of Agricultural Water Quality Management Area Plans for key basins by 1999 and for entire state by 2001.

North Coast

- The *Clackamas* Local Advisory Committee (LAC) approved their Draft Agricultural Water Quality Management (AgWQM) Area Plan and Rules, and these documents were forwarded to the Board of Agriculture for review.
- The Draft *Sandy* AgWQM Area Plan and Rules were forwarded to the Board of Agriculture for review.
- ODA Outreach Specialist and Clackamas SWCD District Manager met with ODA Planner to develop an outreach effort action plan for the Sandy and Clackamas area plans and rules.
- *Mollalla/Pudding/Fr. Prairie/N. Santiam* LAC continues to meet. Progress was slowed during the summer months since members were working long days farming. Oregon Trout LAC member wants plan riparian measure strengthened. A tour is being organized so the LAC can discuss in the field what would be expected of agricultural riparian areas.
- The *North Coast Basin* AgWQM Plan and Rules were filed with the Secretary of State in July.
- The new *Mid Coast* LAC, covering the Salmon, D River, Siletz, Yaquina, Alsea, Yachats, Siuslaw, Siltcoos and Tahkenitch watersheds, has met twice and is discussing water quality concerns in the area. The LAC is considering using various AgWQM Area Plans and the Ag Alliance Template as examples for developing their local plan.

Eastern

- The *North/Middle Fork John Day* LAC September session was attended by 20-25 ranchers demanding that the plan process be delayed, supported by a letter signed by 44 landowners, so that they can "catch-up" on the need for and requirements of the plan. A 120-day moratorium was given in the interest of increasing public awareness, in addition to earlier mailing and three

informational meetings, and to relieve pressure on individual LAC members. Concerns range from constitutionality of the water quality program to ramifications of implemented rules. Next meeting to be held January 15.

- Members of the *Upper John Day* LAC are reviewing and discussing their draft plan.
- The *Walla Walla River* LAC met to review and comment on the draft plan prepared during the summer.

South Coast

- Draft *Inland Rogue* AgWQM Area Plan and Rules has been forwarded to the Board of Agriculture for review.
- Revisions to *Bear Creek* plan are on hold. The Technical Advisory Committee recommended that the LAC accept 468B as the sole "unacceptable" condition. The ODA Planner suggests that a reasonable riparian rule be added to the 468B language.
- *Umpqua* LAC will review and vote on whether to accept the final draft of their plan and rules so that the draft can be sent to the Board of Agriculture in October for review.
- Newly established *Curry* LAC (first meeting held 8/3) is discussing basic procedures and expectations, and roles of agencies. The second meeting held 9/13 covered basic statutory concepts, with lively discussion as to why 468B has to be in the rules. At this point, LAC members feel that 468B is impossible to achieve. ODA Planner will put together an informative memo to review and further define the concepts covered in discussion.
- *Coos/Coquille* LAC is finalizing plan rules. The plan will undergo a brief review due October 11 from the Technical Advisory Committee before sending it on to ODA for review.

Willamette

- New *South Valley* LAC covering McKenzie, Middle

ODA Task #1: SB 1010 Plan Development Status

Western Oregon Basin Planning Areas		Local Management Agency recruitment	Local Advisory Committee recruitment	LAC approved	AgWQM Area Plan/Rules in development	LAC adopts plan and rules	Public comment period	Developing final rules	Rules become effective	Implementation in process
WILLAMETTE VALLEY	Molalla/Pudding/French Prairie/ North Santiam									
	Clackamas									
	Yamhill									
	South Santiam									
	Lower Willamette									
	Lower Columbia/Sandy									
	Tualatin									
NORTH COAST	Southern Willamette Valley									
	North Coast									
	Mid Coast									
	Bear Creek (phosphorus)									
SOUTH COAST	Bear Creek (other parameters)									
	Greater Rogue									
	Coos/Coquille									
	Umpqua									
	South Coast									

Willamette (continued)

- Fork and Coast Fork Willamette watersheds, has completed its mission statement, description of area setting and the water quality issues, and draft goals. The LAC will work on the rules during their November/December meeting and will hear speakers on agriculture and various water quality concerns (bacteria, phosphorus and temperature) as they begin to write the rules. The LAC is unsure whether to include outreach and education in the plan or only issues required by law. The LAC is concerned that there are no data to prove that agriculture is contributing to pollution in the South Valley area.
- Polk and Benton County SWCDs have recommended 14 members and 3 alternates to ODA, the Board of Agriculture, and county commissioners for formation of a *Middle Willamette* LAC for Rickreall, Ash Creek, Luckiamute and Marys watersheds. The goal is to begin meeting in November.

- Linn SWCD is accepting applications for LAC members through November, with goal of starting meetings in January or February.
- The *Washington and Yamhill* SWCDs continue outreach, education programs, and technical assistance to landowners to meet local AgWQM area rules. Proposed TMDLs were recently completed for Tualatin for temperature, dissolved oxygen, phosphorus, bacteria and ammonia.

Central

- Klamath Headwaters* LAC finished the conditions sections of their plan and are working out the implementation details. They are concerned about water rights given the adjudication actions currently taking place.
- Hood River* AgWQM Area Plan and Rules has been approved for public comment. Public hearing will be October 23 at the Extension office.

ODA Task #1: SB 1010 Plan Development Status

Central and Eastern Oregon Basin Planning Areas

	Local Management Agency recruitment	Local Advisory Committee recruitment	LAC approved	AgWQM Area Plan/Rules in development	LAC adopts plan and rules	Public comment period	Developing final rules	Rules become effective	Implementation in process
EASTERN OREGON	Grande Ronde								
	Malheur								
	Wallowa								
	Umatilla								
	North and Middle Forks John Day								
	Upper John Day								
	Walla Walla								
	Hood River								
	Lost River								
CENTRAL OREGON	Crooked River								
	Lower Deschutes								
	Middle Deschutes								
	Upper Deschutes								
	Harney-Malheur Lakes								
	Goose and Summer Lakes								
	Klamath Headwaters								

- *Middle Deschutes* LAC is reviewing informal comments received on their plan.
- *Lower Deschutes* SWCD is working on the outreach efforts during this first year of implementation.
- *Upper Deschutes* LAC 's first meeting is scheduled for October 11.
- *Goose and Summer Lakes Basin* SWCDs are discussing management area boundaries and local management area activities. AgWQM area planning will begin next year.
- *Wallowa* LAC is putting final touches on their draft plan. ODA staff will review the plan at the end of October.
- The *Malheur* AgWQM Plan and Rules are ready for public hearing on August 29. Concerns center on too much regulation, potential directives from EPA, and potentially expensive changes in irrigation methods.
- *Grand Ronde* AgWQM Plan and Rules are in the imple-

mentation phase.

- *Baker County* is beginning to establish planning areas and committees. However, these constituents want strict local control with no ODA involvement.

Agricultural Water Quality Management Compliance Program

Between January 1 and September 30, ODA completed 8 complaint investigations.

During *July through September* ODA:

- Completed 2 Complaint Investigations
- Completed 0 Follow-up Investigations
- Issued 0 Water Quality Advisory

ODA Task #2: Confined Animal Feeding Operations Program (CAFO)

ODA will develop, implement, and maintain a statewide regulatory program for CAFOs that includes permit issuance, inspection, and enforcement for noncompliance with the permit.

During July-September ODA completed 168 inspections of permitted CAFOs, including:

- 85 Routine inspections
- 2 Inspections of permitted CAFOs in response to complaints
- 0 EPA/ODA joint inspections
- 11 Inactive permittee inspections
- 66 NON/POC follow-up inspections
- 1 Educational reviews

During July-September ODA issued:

- 12 Water Quality Advisories
- 0 Plans of Correction (POC)
- 13 Notices of Noncompliance (NON)
- 23 NON/POC
- 0 Consent Orders/Civil Penalties

Year to Date

Between January 1 and September 30, ODA completed 429 CAFO inspections. As a result of these inspections, ODA issued:

- 54 Water Quality Advisories
- 5 Plans of Correction
- 27 Notices of Noncompliance
- 28 NON/POC
- 1 Consent Orders/Civil Penalties

ODA processed 36 Animal Waste Management Plans and 35 Water Pollution Control Facility permits.

ODA Task #3: Education/Outreach/Incentives

ODA will provide assistance to Soil and Water Conservation Districts as needed to ensure Agricultural Water Quality Management Area planning occurs and is implemented for key basins in 1999 and for the entire state by 2001.

Willamette Basin. David Downing, Watershed Technical Specialist for *East Linn SWCD*, reports confirmation of support for a grant proposal for a 200-acre wetland restoration project in the Long Tom Watershed. This is a multi-agency project involving the National Resource Conservation Service, US Dept. of Fish and Wildlife, Ducks Unlimited, the SWCD, and a landowner. Starting in mid-July, this SWCD will assist in restoring 35 acres to native vegetation and riparian habitat, in addition to excavating a pond for Oregon Chub habitat.

Benton SWCD Technical Specialist, Donna Schmitz, networked with several agencies resulting in greater District visibility. Groups are starting to include the SWCD in meetings and are recommending SWCD involvement with conservation efforts county-wide. The benefit to the SWCD has been heightened awareness of what other agencies are doing with area landowners, and what makes various restoration efforts successful. One other positive result is an exploratory meeting of a new watershed council in the county where folks expressed reasons for people to get involved in improving watershed health.

Eastern Oregon. *Grant SWCD* assisted with installation of a pump station and pipeline that replaced a diversion dam (a fish passage barrier at low flow periods). This installation allows water to remain in the river for an additional half mile.

Union SWCD Technical Specialist, Arnie Grammon, reports giving an on-site presentation to landowners attending the Union County Crops and Conservation Tour concerning setback dikes on the Grande Ronde and Catherine Creek systems. The application of set-back dikes on these streams allows expansion of the floodplain to take place, enhancing wetland function in the valley, leading to improved water quality and habitat for fish. Grammon believes this application of CREP monies is a good fit for both the landowner and the Oregon Plan.

South Coast. *Curry SWCD* worked together with South Coast Watershed Council, local citizens and landowners, industrial timber companies, and natural resource agencies to conduct extensive surveys in several of the most significant watersheds in Curry County. Surveys focused on assessing riparian and in-stream conditions and involved measuring shade, tree heights, providing valuable descriptions of these conditions. This work will assist in strategically targeting specific areas for replanting native vegetation and for in-stream restoration projects.

Department of Environmental Quality
QUARTELY OREGON PLAN IMPLEMENTATION REPORT
OCTOBER 2000

STATEWIDE MEASURES

DEQ1S: Implementation of Recently Revised Water Quality Standards for Temperature, Dissolved Oxygen and Sedimentation

Status: Ongoing

Accomplishments:

- Participating in EPA-sponsored effort to develop regional criteria for temperature that will be protective of native salmonids, and re-looking at Oregon standard to ensure the same.

Issues:

- DEQ proposed to reissue an NPDES permit for the Blue Heron paper mill in Oregon City. The permit has raised concerns about the interpretation of the temperature standard for point sources. EPA and DEQ are in discussing the temperature standard as it relates to point sources in Oregon. DEQ extended the public comment period for the Blue Heron facility until October 20.

DEQ2S: Development of 303(D) List and Identification of Priorities for TMDL Development

Status: On Schedule (303(D) List due April 2002; TMDL prioritization completed)

Accomplishments:

- Federal District Court approved a Consent Decree between EPA and NEDC/NWEA resolving litigation around Oregon's TMDL process and schedule. The Consent Decree essentially reflects the Oregon Plan commitment to establish TMDL's for all waters on the 1998 303(D) list by 2007.

Issues: None

DEQ3S: Watershed Council Support

Status: Ongoing

Accomplishments:

- Provided training on monitoring and published monitoring newsletter for watershed councils as part of ongoing technical assistance program.

Issues: None

DEQ4S: Enhanced 401 Certification for Fill and Removal Operations

Status: Ongoing

Accomplishments:

- Renewal of O&M permit for Columbia River Miles 103-106.5 involved additional efforts due to public concern about fish issues (i.e., coordination with WA Ecology and public hearing in Astoria).

- New approach on Recent Ross Island and Klamath delta permits resulted in customized condition to address turbidity issues (i.e., differential standard over the course of a year that more closely addresses physiological needs of fish).
- Denied 401 certification for the Corps' Columbia River dredging project due to concerns about water quality and fish.

Issues: None

DEQ5S: Revise Water Quality Standard for Sediment

Status: On Hold due to other priorities for triennial review of standards

Accomplishments:

Issues: None

DEQ6S: Implement Anti-degradation Water Quality Standard

Status: On Schedule, implementation plan for point sources will be finalized in December 2000

Accomplishments:

Issues: None

DEQ7S: Apply for Instream Water Rights on Streams with TMDLs

Status: Ongoing

Accomplishments:

- Water quantity will be an issue in the Umatilla TMDL. DEQ and WRD beginning to talk about how to address it for the Umatilla and in general.

Issues: None

DEQ8S: Review and Revise Water Quality Standards during Triennial Review Process

Status: Underway

Accomplishments:

Issues: None

DEQ9S: Implement Water Quality Standards for Biological Criteria, Nutrients, Toxics and pH

Status: Ongoing

Accomplishments:

Issues: None

DEQ10S: Develop Water Quality Standards for Wetlands

Status: On Hold (unfunded, not an agency priority)

Accomplishments:

Issues: None

DEQ11S: Revise Water Quality Standards for Nutrients

Status: Underway, participating in EPA-sponsored effort to develop regional nutrient criteria.

Accomplishments:

Issues: None

DEQ12S: Designation of Salmon Critical Habitat as Outstanding Resource Waters

Status: On Hold (most – if not all – ineligible for ORW due to current DEQ rules that preclude nomination of an ORW if that waterbody is on the 303d list)

Accomplishments:

Issues: None

DEQ13S: Implementation of SDWA Source Water Protection Program

Status: Ongoing

Accomplishments:

- Completed source water assessments for Astoria, Bandon, Canby, Carlton, Clatskanie, Mollala, Port Orford, Ranier, Scappoose and Sutherlin. These assessments identify potential contaminant sources to the drinking water supply and heighten community awareness about water quality risks in their watersheds.

Issues: None

DEQ14S: Management of Point Sources through NPDES Permits

Status: Ongoing

Accomplishments:

- Permit issuance plan available on DEQ's website.
- Working with stakeholders to build support for fee increase to increase staffing levels to meet workload needs.

Issues: None

DEQ15S: Management of Storm Water through NPDES Permits

Status: Ongoing

Accomplishments:

- DEQ is talking with EPA, USFWS, and NMFS to explore ways that ESA issues can be addressed in the stormwater permitting process.

Issues: None

DEQ16S: Revise SRF Loan Criteria to Help Protect Salmon

Status: Underway

Accomplishments:

Issues: None

DEQ17S: Implement On-Site Program to Control Nutrient Loads to Surface Waters

Status: Ongoing

Accomplishments:

Issues: None

DEQ18S: Implement Groundwater Protection Act to Prevent Adverse Impacts to Salmonid-Bearing Watersheds

Status: Ongoing

Accomplishments: Focusing on upper Willamette basin and integrating the effort with other watershed-based activities (e.g., SB1010 plan, TMDL).

Issues: None

DEQ19S: Water Quality Monitoring and Assessment

Status: Ongoing

Accomplishments:

- Completing fieldwork on temperature needs for bull trout (spawning and spring cool down) and spring Chinook (early fall spawning). Will provide more species-specific information to incorporate into temperature standard.

Issues: None

DEQ31S: 401 Certification of Grazing Leases on Federal Lands

Status: Completed [Rules were promulgated a couple years ago as necessitated by a lower court decision and will be repealed by the EQC in December because that decision was overturned.]

Accomplishments:

Issues: None

DEQ32S: Evaluate and Require Mitigation for the Impacts of Dams and Hydroelectric Projects on Water Quality during Re-licensing or Reauthorization

Status: Ongoing

Accomplishments:

- Completed Powerdale project on Hood River (see Measure 29 under Central Basin)
- Providing input on several projects, including Klamath, Pelton-Round Butte, Snake, Deschutes and North Umpqua.

Issues: None

COLUMBIA/SNAKE MEASURES

DEQ22S: Coastal Nonpoint Pollution Control Program in Columbia River Estuary

Status: Ongoing

Accomplishments:

Issues: None

DEQ23S: Lower Columbia River Estuary Program

Status: Ongoing

Accomplishments:

- Completed high-resolution habitat mapping of estuary. Currently being analyzed and digitized to be used for identification of critical habitat for protection and restoration.
- Working with bi-state group to discuss leadership issues and objectives related to salmon restoration on Columbia mainstem.

Issues: None

DEQ26S: Development of TMDLs for Temperature and TDG on Lower Columbia and Lower Snake Rivers

Status: Underway

Accomplishments:

- Draft MOU with EPA, WA, ID due to be signed.
- EPA's workplan for temperature has been completed; DEQ initiating workplan development for Total Dissolved Gas.

Issues: None

DEQ28S: Gas Abatement Plan for Hydropower Projects on Mainstem Columbia River

Status: The Corps has lead on this; will become part of DEQ's efforts under Measure #26.

Accomplishments:

Issues: None

DEQ30S: Section 401 Review of Hydropower Projects on Snake River

Status: Underway

Accomplishments: DEQ participating in multidisciplinary collaborative effort convened by Idaho Power to identify Section 401 and relicensing issues (ODFW participating also).

Issues: None

NORTH COAST MEASURES (Siuslaw, Mid Coast, North Coast)

DEQ20S: Coastal Nonpoint Pollution Control Program

Status: On Schedule

Accomplishments:

Issues: None

DEQ21S: Tillamook Bay National Estuary Program

Status: Ongoing

Accomplishments:

Issues: None

SOUTH COAST MEASURES (Umpqua, Coos, Coquille, Ten Mile, Rogue, S. Coast)

Other Activities in Support of Oregon Plan

- South Fork Coquille TMDL went out for public review.

WILLAMETTE MEASURES (Upper, Middle, Lower Willamette, Scappoose, Sandy)

DEQ24S: Implementation of Portland CSO Consent Order

Status: Underway

Accomplishments:

- Denied Portland's request to extend deadline.

Issues: None

DEQ25S: Implementation of Three Basin Rule in Clackamas, North Santiam and McKenzie River Basins

Status: Ongoing

Accomplishments:

Issues: None

DEQ27S: Willamette River Basin Project

Status: On Schedule

Accomplishments:

Issues: None

CENTRAL MEASURES (Hood, Deschutes, Klamath, Goose And Summer Lakes)

DEQ29S: Section 401 Review of Powerdale Project on Hood River

Status: Completed

Accomplishments:

- Issued 401 certification in May. Included conditions to address temperature and pH issues, and to address salmon/steelhead needs related to ramping rates, screening and adequate flows.

Issues: None

EASTERN MEASURES (John Day, Umatilla, Grande Ronde, Malheur, Owyhee)

Other Activities in Support of Oregon Plan

- Grande Ronde TMDL approved by EPA (May)
- Umatilla TMDL will be out for public review in October

October 9, 2000

TO: Governor Kitzhaber
CC: Louise Solliday, GNRO
FROM: Dick Benner, DLCD
SUBJECT: Oregon Plan Quarterly Implementation Report

Summary of measures

In February 2000, DLCD reviewed and revised its measures for the Oregon Plan for Salmon and Watersheds. DLCD's revised measures now consist of the following:

- ❖ DLCD-1: *Implement the Coastal Nonpoint Pollution Control Program (CNPCP)*, and a related measure, DLCD-5: *Implement CNPCP Urban management measures*; and DLCD-3: *Dynamic Estuary Management Information System (DEMIS)*. These three measures only apply in coastal basins.
- ❖ DLCD-9: *Develop a land use planning and growth management strategy for water quality and aquatic habitat*, and DLCD-10: *Revise Statewide Planning Goals to improve protection of water quality and aquatic habitat*. DLCD is only partially funded, and DLCD-10 would be implemented based on full funding and the results of DLCD-9.
- ❖ DLCD-4: *Implement Goal 5 Rules for Riparian Protection*; DLCD-6: *Update estuary habitat maps*; and DLCD-8: *Outreach/Education for members of local planning commissions and watershed councils* were not funded in the 1999-2001 biennium.
- ❖ For a variety of reasons, DLCD-7: *Local Government Salmon Recovery Work Group* is not being implemented.
- ❖ DLCD-2: *Riparian area technical assistance* was completed in 1997.

Implementation Measure Activities, Accomplishments, and Schedule Statewide

DLCD-4: *Implement Goal 5 Rules for Riparian Protection*. As noted in the 1999 Implementation Report, without funding to pass through to local governments to implement Goal 5 rules related to riparian areas, DLCD's emphasis in DLCD-4 has been to provide technical assistance to local governments that are revising their regulations to protect riparian corridors. In this capacity, DLCD staff routinely answers questions about, and provides interpretations of, the Goal 5 rule. There is no firm schedule for completing DLCD-4.

Issues Needing Discussion/Resolution:

It appears to us that publication of the 4(d) rule for listed salmonids may be having a significant chilling effect on the willingness of local jurisdictions to adopt programs to comply with the Goal 5 riparian rule. Metro and the larger Willamette Valley cities are moving forward to

improve protection, but smaller jurisdictions—those with a small staff and too many things to do—now find themselves in a difficult place. Cities and counties are understandably reluctant to begin what can be a difficult process to amend their local codes to improve riparian area protection, if they don't know the result will both comply with state law and avoid take under the ESA.

Many people question whether the Goal 5 rule is sufficient to avoid take. NMFS staff has said the Goal 5 riparian corridor “Safe Harbor” is not adequate to comply with the ESA. As you know, apart from “200 foot” reference in the Background for the proposed 4(d) rule published last December, NMFS has not said what *would* constitute a sufficient riparian buffer width in the urban landscape. Understandably, they don't want to cite a number, and equally understandably, local governments need a single number. The Goal 5 “safe harbor” was designed to provide a low-cost quick and predictable way to comply with goal requirements.

Although NMFS has not said so, it is possible that the standard Goal 5 process (often referred to as the “ESEE process”) *could* be used to develop a local program that would pass muster under the 4(d) rule. The standard process is based on the definition, inventory, and protection of “significant” riparian resources. Presumably, a city could define significant resources based on its consultation with NMFS.

In the end, we see a lot of people—including us—looking for a magic number, but we don't believe one is going to materialize in the short term. After NMFS completes the 4(d) workshops, we expect to resume discussions with them about the rule.

Coastal Basins

DLCD-1, Implement the Coastal Nonpoint Pollution Control Program (CNPCP):

DLCD developed draft five- and fifteen-year implementation plans for the CNPCP and submitted them to National Oceanographic and Atmospheric Administration's Office of Coastal Resource Management (OCRM) in June. NOAA has not yet responded with written comments on the plans. Several of the required CNPCP management measures are not directly implemented through state law. As outlined in the five year implementation plan, DLCD's CNPCP strategy is to implement the remaining CNPCP management measures through existing state programs to meet water quality standards, principally the Senate Bill 1010 and TMDL processes. DLCD has also set aside funds to assist DEQ's Northwest Region Hazardous Waste section develop a technical assistance and educational outreach program to address waste generation and disposal problems in marinas.

DLCD-3, Dynamic Estuary Management Information System (DEMIS):

Work on DEMIS has continued as planned. We have finished collecting GIS and raster data sets for the Coquille and Nehalem estuaries, and we are nearing completion for the Siletz and Siuslaw estuaries. We also have updated the data sets previously collected for the Coos Bay estuary. For each of these estuaries, a preliminary inventory of areas with potential for restoration has been created, along with an accompanying database to hold restoration-related information for each site in the inventory. The database population process is underway with completion expected by this November. Once all of the data has undergone final review, the inventory results will be available on the DEMIS website at <http://www.lcd.state.or.us/coast/demis/core.htm>.

DLCD-5, CNPCP Urban Management Measures

We have worked with DEQ to develop the *Water Quality Model Code and Guidebook* to assist local governments with meeting load allocations under a TMDL and to address Endangered Species Act liability issues surrounding new urban development and redevelopment. We also recently reviewed the scientific basis and administrative strategy used by Metro to adopt Title 3 of its Functional Plan. As part of a watershed management strategy to restore and protect water quality in the region, Metro has chosen to protect riparian areas, streams, and wetlands under Statewide Planning Goals 6 and 7. Even though Metro is not subject to the requirements of the CNPCP, Metro's work could set a precedent and provide an example for using existing state regulations to implement urban management measures required by the coastal nonpoint program.

Willamette Basin

DLCD had provided considerable support to various groups working under the Willamette restoration Initiative, most recently with the *Willamette Measures Integration Group*. The WMIG is assisting WRI staff in organizing and aligning state and federal agency measures with the draft goals for the restoration of the Willamette basin, and assessing their adequacy in restoring the Willamette watershed.

Other Agency Activities that Support the Oregon Plan

Riparian Management Work Group: DLCDC spent some time in the beginning of the quarter working with the Riparian Management Work Group (pursuant to section 3(n) of Executive Order 99-01) to edit and finalize the group's report. All the agencies involved in the RMWG have had suggested edits to the draft final report, some of which conflict with others. The report is now expected to be finalized by the end of 2000, which is well behind the original target date for completion of March, 2000.

Tillamook County Gravel Removal: Throughout the last quarter, a substantial amount of staff time has been spent on issues related to gravel removal in Tillamook County. DLCDC has reviewed and commented on several DSL and Corps of Engineers permits for gravel removal from Tillamook County streams. Many of the proposals are subject to a mediated agreement first signed in 1992. However, a few proposals involve estuarine areas, which are not subject to the mediated agreement. DLCDC is also one of several parties involved in developing a "Stream Corridor Management Plan" as called for in the mediated agreement.

Issues Needing Discussion/Resolution:

Tillamook County gravel removal proposals have involved several issues which need serious attention before next year's in-water work period. First, it is clear that, even though the mediated agreement prohibits commercial gravel removal from five streams, the proposals to remove gravel for "noncommercial" purposes clearly reach the magnitude of commercial operations. Second, the primary purposes cited for noncommercial proposals are erosion control and flood control, and while there are several alternative approaches to address erosion and flooding problems, state and federal permit processes do not require that less-invasive alternatives to gravel removal be considered or implemented first. Third, local, state, and federal agencies are being asked to make flood management decisions on the basis of single, uncoordinated, unrelated gravel removal proposals. And finally, one of the most popular ideas among Tillamook citizens appears to be to dredge estuarine areas to reduce flooding, but 1) dredging below tide is not likely to affect flows above tide; and 2) estuarine dredging for flood control purposes is not permitted under Goal 16.

OPSW~Oct2000.doc

DOGAMI OREGON PLAN ACCOMPLISHMENTS

July August September 2000

Water Quality Issues:

* Sediment:

DOGAMI Measure 1

Staff completed 300 (estimate) inspections for the three month period. This rate of inspection well exceeds the acceptable rate established in for this measure. Inspections remain the foundation of compliance.

Aerial photography and the digitizing of maps continues to be ahead of schedule with the second generation of photos for western Oregon having begun. The program initiated this effort in response to improving stormwater permit compliance and to acquire for the first time statewide aerial coverage of mine sites every two years. Complaints and non-compliance issues have been minimal over the three month period as expected due for the most part to the lack of rain.

DOGAMI Measure 2

The department initiated a study of the Clackamas River in 1998 to assess impacts to rivers as the result of floodplain mining. Ultimately the permittee donated the sight to Metro, an action for which the River Island Sand and Gravel won the department's Oregon Plan award. The area provides a unique opportunity for post mining study to assess long term changes. The MLR program has continued to study the site "bootstrapping" the effort by recruiting partners to help fund and accomplish the work. This year temperature monitoring was added to the collection of physical channel characteristics data with the help of ODFW. Funding this kind of research is critical to a better understanding of the what happens over time to these sites and thereby providing the state with better information with which to make permitting decisions. Dedicated funding still does not exist for this project but staff continue to find ways to keep this important effort alive.

DOGAMI Measure 3

The awards program will begin the process in October for the 2001 awards.

DOGAMI Measure 4

Two major efforts are well underway on this measure. The Confluence Island project in Eugene has been mentioned here before. The OWEB funded portion of this project is completed, as is the industry funded portion. This work accomplished the initial goal of significantly improving the physical and biological scientific information along the study reach. The McKenzie Watershed Council has submitted a grant proposal for continuation of this unique project. DOGAMI has played and integral role in attracting funding and participating in the development and continuation of this unique partnership of 4 aggregate permittees, state and federal agencies and the McKenzie Watershed Council. This effort is attempting to deal with sophisticated economic, environmental and social issues in the spirit of the Oregon Plan. Future success will in large part depend on the ability to fund this effort

The Rogue Project is similar in some respects to the previous mentioned project in that it is dealing with sophisticated economic, environmental and social issues around relic and current aggregate sites. There are differences as well. There is 1 major permittee, major private sector agricultural interests and private landowners that produce a different challenge for the agencies. DOGAMI'S leadership on this project has had tangible effects in better data in the area but also in that we are seeing quicker responses on the ground

in response to this effort. The effort was the subject of a very positive recent article in the Medford newspaper.

Both these efforts are unique and are very valuable and hopefully will result in a river management plan around these sites. They have difference that go well beyond what we can discuss here. However it will be critical to monitor both of these projects particularly in light of their differences so we can be more efficient and successful in the future.

DOGAMI Measure 5:

DOGAMI continues to work with DEQ to improve our partnership that leads to more effective stormwater permitting which ultimately will reduce sediment runoff from mine sites. In addition the department continues to seek partners to effectively implement the spirit of the Oregon Plan.

UPCOMING WORK:

- **Field inspections will emphasize stormwater.**
- **Aerial photogrametry of western Oregon will be completed as well as the digitizing of eastern Oregon sites photographed last spring. are planning the aerial photography flights for western Oregon**
- **The year 2001 award's program will begin to accept nominations for 2001.**
- **Presentations by the Mined Land Reclamation program to the Oregon Concrete and Aggregate Producers and the Northwest Mining Association on the 4(d) rule, the Oregon Plan and mining**
- **Maintain acceptable levels of inspection and enforcement.**
- **Continue to inform the agencies Governing Board of the efforts of the department to constructively find new ways to participate in the Oregon Plan and insure any appropriate modification of existing measures.**

MEMORANDUM

October 6, 2000

TO: Governor John A. Kitzhaber, MD

FROM: Stephen J. Purchase
Acting Director

SUBJECT: Oregon Plan Quarterly Report

Issues:

Scientific basis for designating essential salmonid habitat:

Should it be based on the types of habitat used by salmonids for spawning and rearing (e.g., stream gradient, gravel size) or should it be based on actual fish presence and evidence of decline in numbers in a particular stream (DSL3)?

Application of Removal-Fill Law to agricultural activities: This issue arose over push-up dams (DSL11) but the debate is moving to any removal-fill activity on land zoned for agriculture.

Use of compensatory wetland mitigation funds for projects that do not have universal support: The Division issued a removal-fill permit to and provided Wetland Mitigation Bank Revolving Fund monies for a coho habitat and wetlands restoration project (DSL13) on public lands to which some people in the county objected.

Dredging for flood control: The Division is reviewing two removal-fill permit applications in Tillamook County that propose to remove large amounts of gravel (30,000 cubic yards and 60,000 cubic yards) within tidally-influenced areas for flood control. The effectiveness of dredging in flood control is an issue that continues to arise throughout western Oregon.

Statewide Measures:

DSL1: Develop standardized permit conditions reflecting Best Management Practices for removal-fill activities; DSL26:

Analyze and implement regulatory streamlining options: The Division published a final Biological Assessment of Oregon's removal-fill program. This provides the basis for an Endangered Species Act Sec. 7 consultation on DSL's efforts to obtain a Statewide Programmatic General Permit from the Army Corps of Engineers.

DSL3: Revise administrative rules on essential salmonid habitat: OAR 141-102-0040 requires DSL to revise essential indigenous anadromous salmonid habitat designations through formal administrative rulemaking each biennium, if the Division determines changes are necessary based on data submitted by the Oregon Department of Fish and Wildlife and other interested parties. The Division is now in the process of revising the essential habitat designations to address recent listings of salmonid species as threatened or endangered. The same Technical Advisory Committee that advised the 1997-98 rulemaking has been convened for the current effort. We currently are considering a net increase in essential habitat stream miles from the 17,706 miles designated in 1999, to 18,101 miles. This change reflects both additions and deletions to the 1999 designations. The most significant additions are due to the listing of the Upper Willamette River runs of Chinook salmon. Removal of stream segments (primarily the lower Columbia and lower John Day) is due to information that shows those are primarily migration areas and not essential for spawning and rearing. We anticipate Land Board adoption of the revised administrative rules in February 2001, following a statewide public involvement process.

DSL13: Target compensatory wetlands mitigation to salmon habitat projects: The Wetland Mitigation Bank Revolving Fund provided a grant for restoration of the Cherry Avenue Wetlands at the Oregon School for the Deaf in north Salem. This wetland system receives and cleanses runoff from the "Deaf Creek" drainage, including a developing industrial park to the east of Cherry Avenue, before it drains to the Willamette. The improved water quality helps salmonids in the Willamette. It is also a "Green City" site, which students from the School have studied and monitored for several years. The first phase of this 2.5 acre restoration project began this summer with removal of old fill material and reconnection of two large wetland areas. The second phase will be completed by wetland vegetative

plantings in Spring 2001. Monitoring of water quality and vegetation will continue until at least 2003.

DSL13: Target compensatory wetlands mitigation to salmon habitat projects: The Claggett Creek Watershed Council will receive \$84,600 from the Salem-Keizer School District as part of the compensatory wetland mitigation for the new elementary/middle school complex south of Verda Lane. The Division is working out the terms of a wetland restoration project at Claggett Creek Park with the Council. Any remaining funds will be used on similar projects in the same drainage. Claggett Creek is a severely degraded urban stream that once supported cutthroat trout and other native salmonids, but now is reduced to narrow ditch-like channels. A primary goal of the project will be to replicate the creek's historic characteristics, including fringe wetlands, where it passes through the park.

DSL14: Work with other agencies to clarify jurisdiction over removal of large wood from streams: DSL is participating in the working group established by HB 3393 (1999). For the June meeting, staff prepared a white paper on a permit approach to regulating removal of instream wood. For the October meeting DSL is presenting a white paper on a statutory prohibition similar to that proposed in the 1999 session.

DSL19: Continue implementation of Oregon's Wetland Conservation Strategy: DSL received a \$250,000 grant from the Oregon Watershed Enhancement Board (OWEB) for Local Wetlands and Riparian Inventories and planning efforts. We will be selecting around ten local governments to receive funds from this grant and assisting them in completing these Goal 5/17 tasks. Potential benefits to salmonids is one of the selection criteria.

DSL19: Continue implementation of Oregon's Wetland Conservation Strategy: DSL is beginning development of a wetland planning guidebook and short course that will provide the "blueprints" for local governments to follow to complete their Goal 5/17 wetland and riparian planning responsibilities. The guidebook will also explain linkages between wetlands and riparian planning and stream water quality (Goal 6). We anticipate completion of the guidebook in around 12 months.

DSL23, 25: Improve public education materials for landowners, contractors and public works departments: To encourage landowners, contractors and public works departments in

Umatilla, Morrow and Grant counties to “work with streams, not against them,” the Division, in partnership with other state, local and federal agencies; watershed councils and private companies to sponsor a two-day workshop, September 28-29, in Pendleton. The workshop focused on techniques to enhance, restore or conserve streambank habitat. Most workshop sessions were held in the field to evaluate and discuss completed bioengineering projects and to observe active construction techniques at several sites in Umatilla County. 60-70 people attended the workshop and around 30 the field trip.

ONHP1: Add fisheries information to the Natural Heritage Data Bank: DSL received a \$391,580 grant from OWEB on behalf of the Oregon Natural Heritage Program to complete fisheries information in the database, update and maintain the wildlife and habitat information, convert the database to GIS format, and provide assistance to watershed councils in accessing and using the database.

Other:

DSL staff, along with their family members and friends, provided 124 hours of volunteer time to the Oregon Plan state fair booth.

cc: Paula Burgess
Roy Hemmingway

Date: October 10, 2000

Subject: Oregon Department of Forestry Oregon Plan Activity Report

To: Governor John Kitzhaber, Paula Burgess, and Roy Hemmingway

From: James E. Brown, State Forester

This activity report includes activity information from the Oregon Department of Forestry that took place during the months of July, August, and September 2000. All of the activities identified are either well ahead of schedule or are on schedule, unless specifically noted.

Statewide Activities

ODF 1: Oregon Department of Forestry Monitoring

Activities 1.1 through 1.10 are either completed or are on schedule. No new or unusual findings are available at this time. Completed reports can be obtained by contacting the Oregon Department of Forestry.

ODF 2: Landowner (State and Private Forest Landowner) Monitoring and Assessments

Reports on these projects can be obtained by contacting the individual landowners. Some of the projects have been completed, while others are of an ongoing nature.

ODF 4: ODF Regulatory Activities

ODF 4.14: Forest Practices Advisory Committee on Salmon and Watersheds

The Ad Hoc Forest Practices Advisory Committee presented a final report and recommendations to the Board of Forestry on September 6, 2000. The proposed recommendation, if implemented, will increase shade along forest streams, provide more large wood for fish habitat, remove barriers to fish passage, offer channel migration zone protection, reduce sedimentation from forest roads and produce other resource benefits.

ODF 5: State Forests Management Activities

ODF 5.2: Northwest State Forest Lands Management Plan

The Oregon Board of Forestry approved administrative rulemaking processes for the draft Northwest Oregon State Forests Management Plan (NW FMP) and Southwest Oregon State Forests Management Plan (SW FMP) today at its meeting in Salem. The decision sets in motion the final public review and comment on the draft plans, which will culminate in the board's adoption of the plans in early 2001. Begun in 1994, the planning processes garnered the participation of a wide array of citizens and interest groups and incorporated the most current, multi-disciplinary scientific information available.

ODF 6: Assistance to Family Forest Landowners

There is nothing new to report this quarter for Activities 6.1 through 6.4.

ODF 7: Urban Forest Community Assistance

There is nothing new to report this quarter for Activities 7.1 through 7.3.

ODF 8: Cooperative Efforts in Information, Assistance, and Education

ODF 8.1: Planning and Coordination

ODF staff throughout the state regularly participate as members of local watershed councils and demonstration projects. Details of technical assistance or special presentations provided by the ODF to watershed councils is described below under each region.

ODF 9: Awards and Recognition

ODF 9.2: Forest Operator Recognition Program

The 2000 Operator Recognition Award screening is currently underway. Nominations are to be turned in to ODF regional coordinators for screening, and tours with members of the ODF regional committees will take place during the next quarter.

North Coast Region

ODF 3 Voluntary Private Landowner/Operator Activities

ODF 3.1: Road Erosion and Risk Project

ODF staff in the **Tillamook District** worked with private forest landowners to design, plan, and implement the installation of a large number of fish passage structures and road improvement projects to provide habitat and reduce sediment delivery to streams. In one project, a culvert was seeded with rock to improve fish passage.

The Toledo Unit of the **West Oregon District** completed the administration of an OWEB project in September. Ron Eckfield, Service Forester at the Toledo Unit, developed, applied for, and administered the project that involved the replacement of a culvert on an unnamed tributary to Wright Creek. Wright Creek is located in the lower Yaquina River Basin. Ron worked with a representative of the Fred VanEck trust lands to accomplish this project which will greatly improve fish passage for coho, chinook and chum salmon in addition to steelhead and cutthroat trout. This project removed a barrier to fish passage and provided new/improved access (depending on species) for over 3/4 of a mile of stream.

ODF 3.2: Conifer Restoration

Jay Worley, a Service Forester in the **Forest Grove District**, conducted a hardwood conversion block assessment involving riparian management area planting and recommended a prescription for successful establishment along McCoon Creek in the Upper Nehalem Watershed.

ODF 3.5: Active Placement of Large Wood during Forest Operations

ODF staff in the Tillamook District worked with a private forest landowner to place large wood in 1000 feet of stream to improve habitat.

ODF 3.6: 25 Percent In-Unit Leave Tree Placement and Additional Voluntary Retention

Jay Worley, a Service Forester with the **Forest Grove District**, provided direction for in-unit leave trees on the Lin Farm operation, recommending an additional 75% in-unit trees be retained along Type F streams in the Lower Columbia Watershed.

ODF 4: ODF Regulatory Activities

ODF 4.7: Fish Presence Surveys

Tillamook District Forest Practices Foresters worked with forest landowners to survey three small streams for fish, and trout were present in all three. Snorkeling surveys to determine fish densities were also conducted at other locations.

ODF 5 State Forests Management Activities

ODF 5.1: State Forest Lands Road Erosion and Risk Project

A number of road improvement projects were completed in the **Tillamook State Forest**. Fish passage improvement projects include the replacement of 14 culverts, installation of 70 additional cross drain structures, and one bridge. A total of 1,413 miles of road have been inventoried to date. During the 3rd quarter, 14 miles of road were improved, 13 miles rocked, and 120 cubic yards of side-cast retrieved, while .8 miles was converted to trails and .3 miles of new road was constructed.

A number of road improvement projects were completed in the **Forest Grove District**. Fish passage improvement projects include six culvert installations (two on tributaries to Gales Creek in the Tualatin River Basin, and four on tributaries to the North Fork Wolf Creek in the Nehalem River Basin), resulting in approximately four miles of upstream habitat now accessible to fish. In addition one and one-tenth miles of road were vacated in the North Fork Trask River. Eight cross-drain culverts were installed to reduce sediment flow to streams. A bridge was installed at **South Fork Camp** on Tuffy Creek, a tributary to the South Fork Wilson River. This bridge will replace two culverts on Tuffy Creek that previously impeded upstream migration of juvenile fish, resulting in approximately one-half mile of upstream habitat now accessible to fish.

ODF 5.5: State Forestlands Stream Habitat Assessment and Instream Projects

Staff in the **Forest Grove District** completed a number of stream enhancement projects consisting of the placement of large wood structures to increase stream complexity. Twenty structures were placed in Lousignont Creek, nine in the South Fork of Rock Creek, and four in Bear Creek.

ODF 6: Assistance to Family Forest Landowners

ODF 6.3: Conservation Reserve Enhancement Program (CREP)

Jay Worley, a Service Forester with the **Forest Grove District**, approved the DeJaeger 40 acre CREP riparian planting on a tributary of the Nehalem River. Jay also conducted the field assessment and wrote the CREP plan for Bill Hogan for 100 acres along Fishhawk Creek.

ODF 8: Cooperative Efforts in Information, Assistance, and Education

ODF 8.1: Planning and Coordination

Tillamook District staff assisted landowners conducting various monitoring required under the Army Corps of Engineers' Regional General Permit, such as developing plan view drawings, cross-sections, photo points, and reports.

Tillamook District staff assisted volunteers from the Association of NW Steelheaders (ANWS) to place some smaller woody debris into recently completed structures on Ben Smith Creek. Volunteers from the ANWS have proposed adopting Ben Smith Creek as an ongoing project. Research has indicated a need for salmon and steelhead spawning surveys, aquatic inventory surveys, carcass placement, adding small woody debris to existing structures, riparian plantings, trash cleanup, and an amphibian study as possible projects.

South Coast Region

ODF 3 Voluntary Private Landowner/Operator Activities

ODF 3.1: Road Erosion and Risk Project

Forest Practice Foresters in the **Douglas District** evaluated several large culverts for replacement. Landowners were willing to replace these culverts, and with input from ODFW, significantly increased useable wetlands. Staff also assisted landowners in writing plans to provide for vacating 4500 feet of road near a large Type F stream, and the replacement of several large culverts, which were below standards.

ODF 3.5: Active Placement of Large Wood During Forest Operations

Forest Practice Foresters in the **Douglas District** assisted landowners in developing several alternate harvest plans to allow felling into the riparian management area, which will significantly increase the amount of large wood placed directly in the stream channel.

ODF 4: ODF Regulatory Activities

ODF 4.9: Improved Fish Passage BMPs on Stream Crossing Structures

Forest Practice Foresters in **Douglas District** assisted landowners with the removal and replacement of several large culverts which were below standard.

ODF 4.15: Improved Interagency Coordination of Forestland Use Changes

A Forest Practice Forester in **Southwest Oregon District** coordinated with the DEQ on a riparian complaint. Although it was not a commercial operation, the FPF met on site to discuss with the landowner the need to repair damage to

streamside vegetation. The DEQ has taken over the complaint and will ensure the landowner complies with the FPF's recommendations.

ODF 8: Cooperative Efforts in Information, Assistance, and Education

ODF 8.1: Planning and Coordination

Steve Truesdell, with the **Douglas District**, provided input to the Southwest Interagency Group on ODF concerns and recommendations for OWEB funding for proposed projects in the Umpqua Watershed.

ODF 9: Awards and Recognition

ODF 9.1: Landowner Stewardship Award

A Service Forester in the **Douglas District** evaluated a fish habitat enhancement project on a private landowners' property and provided the write-up and recommendation to the ODFW for the SWO Stewardship Award for non-industrial landowners.

Willamette Region

ODF 3: Voluntary Private Landowner/Operator Activities

ODF 3.1: Road Erosion and Risk Project

Scott Proctor, a Forest Practice Forester in the **Linn District**, participated in on-site assessments with ODF monitoring and hydrology staff and landowner representatives of four 1999 culvert replacements that resulted in over two miles of streams becoming accessible to fish in the Calapooia drainage. In addition, Scott assisted industry landowners/operators in planning and implementing four additional culvert replacement projects, accessing approximately 1.5 miles of stream reach in various watersheds.

Mark Slaten, a Forest Practice Forester in the **East Lane District**, worked with forest industry landowners to upgrade five culverts to allow fish passage and the installation of a concrete bridge to replace a double-barrel sub-standard pipe. Mark also worked with two family farm and forest landowners to upgrade two culverts to allow fish passage.

ODF 3.2: Conifer Restoration

Mark Slaten, a Forest Practice forester in the **East Lane District**, worked with two family farm and forest landowners to convert 800 feet of large Type F stream from brush to conifer. While ODF 3.2 typically refers to conifer restoration in areas dominated by hardwoods, this assistance best fits under this category.

ODF 3.5: Active Placement of Large Wood During Forest Operation

Jay Worley, Service Forester in the ***Forest Grove District***, participated in a large wood procurement and placement project for the Scappoose Bay Watershed Council on the Gourlay Creek.

ODF 3.6: 25 Percent In-Unit Leave Tree Placement and Additional Voluntary Retention

Kevin Crowell, a Forest Practice Forester in the ***Linn District***, worked with a forest industry landowner to develop a written plan which retained additional trees above the FPA requirements along 1200 feet of a small Type F stream.

ODF 8 Cooperative Efforts in Information, Assistance, and Education

ODF 8.1: Planning and Coordination

East Lane District staff provided assistance to the Middle Fork Willamette Watershed Council to develop and adopt their charter, and provided technical assistance to the McKenzie Watershed Council.

ODF 8.3: Training Programs and Other Contacts

Scott Proctor, Forest Practice Forester in the ***Linn District***, gave a presentation to approximately 50 public school teachers in Marion County regarding riparian management regulations during forest operations.

Eastern Oregon Region

ODF staff in the Eastern Oregon Region were heavily involved with fire fighting during the 3rd quarter and will provide input at a later date.

Other Oregon Plan Activities

There are no “Other Oregon Plan Activities” to report this quarter.

Oregon Department of Fish and Wildlife - OPSW Quarterly Report

September 2000

OWEB Region **Central Oregon**

District **Deschutes Watershed District**

<i>Measure</i>	<i>II.A.3S - Develop Management Objectives for Steelhead Hatchery Programs, Including Genetic Guidelines</i>
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<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
SCOTT CANYON	Unspecified	Met with CTWSO staff to develop agreement on HGMP, pop. assessment risk assessment planning.	Confederated Tribes of Warm Springs Oregon	Hood River		

<i>Measure</i>	<i>III.B.1S - Maintain Selective Harvest Opportunities on Hatchery Steelhead</i>
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<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
LOWER DESCHUTES R	Unspecified	Operated Shearars Falls fish trap and conducted creel check to monitor returns of hatchery and wild steelhead.		Deschutes River		

<i>Measure</i>	<i>IV.A.1 - Provide Technical Assistance to Regulatory Agencies for Habitat Protection</i>
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<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
LOWER DESCHUTES R	Unspecified	Participated in committee discussion of groundwater permit mitigation to protect instream flows.	Water Resources Department, other state agencies, CTWSO, municipalities and environmental groups.	Deschutes River		

Measure	Unspecified
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<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
UPPER DESCHUTES R	Monitoring of Fish Populations and	Trapped bulltrout to monitor spawning adults	USFS - Deschutes National Forest	Trapper Creek		Observed 42 adults in year 2000, and 48 adults in 1999.

District	I&E Division
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Measure	V.A.1 - Conduct an Outreach Program
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<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
UPPER DESCHUTES R	Assistance with Oregon Plan Outreach	Kokanee Karnival- Aquatic education program teaches students about life history of salmonids, habitat requirements of fish, and water quality issues.	Audience- Central Oregon elementary schools Cooperators- ODFW, USFS, three Central Oregon			Kokanee Karnival operates under the guidance and direction of the High Desert Region STEP program. The 'Karnival' is in it's 5th year. 12 Central Oregon schools are involved this year, approximately 300 students. Program similar to 'Salmon Watch'.

District	Klamath Watershed District
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Measure	IV.A.6 - Promote and Assist Voluntary Habitat Protection Actions (Provide Technical Assistance to Landowners)
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<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
WILLIAMSON R	Assistance with Habitat Protection and Restoration	Provide technical assistance to promote and guide protection of fish and wildlife habitat	Upper Williamson Catchment Group	Upper Williamson River		
WILLIAMSON R	Assistance with Habitat Protection and Restoration	Provide technical assistance to promote and guide protection of fish and wildlife habitat	Lower Williamson River Working Group	Lower Williamson River		

<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
KLAMATH R	Assistance with Habitat Protection and Restoration	Provide technical assistance to promote and guide protection of fish and wildlife habitat	Klamath River Watershed Working Group	Klamath River		
	Assistance with Habitat Protection and Restoration	Provide technical assistance to promote and guide protection of fish and wildlife habitat	Klamath Watershed Council	Klamath Basin		
	Assistance with Habitat Protection and Restoration	Provide technical assistance to promote and guide protection of fish and wildlife habitat	Klamath Soil and Water Conservation District	Klamath Basin		
	Assistance with Habitat Protection and Restoration	Provide technical assistance to promote and guide protection of fish and wildlife habitat	West Klamath Lake Watershed Working group	West Klamath Lake Area		
	Assistance with Habitat Protection and Restoration	Provide technical assistance to promote and guide protection of fish and wildlife habitat	Klamath Headwaters Local Advisory Committee	Upper Klamath Basin		

<i>Measure</i>	<i>IV.B.2 - Promote Habitat Restoration</i>
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<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
SPRAGUE R	Assistance with Habitat Protection and Restoration	Implemented juniper deflector restoration project to stabilize bank erosion	Corky Kujawski	South Fork Sprague River		
	Assistance with Habitat Protection and Restoration	Provided one mile of riparian exclusion fencing to enhance and restore redband trout habitat	Greg Schons	Silver Creek	1	Silver Lake/Lake County
WILLIAMSON R	Assistance with Habitat Protection and Restoration	Provided two miles of riparian exclusion hi-tensile fencing to enhance and restore redband trout	Walter Seaput	Williamson River	1	

<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
	Assistance with Habitat Protection and Restoration	Provided two miles of riparian exclusion fencing to enhance and restore redband trout habitat	Drews Valley Ranch	Drews Creek	1	Lake County

<i>Measure</i>	<i>Unspecified</i>
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<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
KLAMATH R	Planning/Coordination	Met landowner to discuss design and implementation of bank stabilization project to improve fish habitat and water quality parameters	Larry Peacore, DEQ, Klamath Watershed Council Coordinator	Klamath River		
WILLIAMSON R	Planning/Coordination	Met with landowner to discuss and design riparian exclosure fence to enhance and restore redband trout habitat	Garry's Custom Flies	Lower Williamson River		
	Monitoring of Fish Populations and Habitat	Conducted redband trout population estimate surveys		Twelvemile Creek		Lake County
	Planning/Coordination	Met with Klamath Tribe Cultural Resource Specialist to discuss implementation of Tecumseh Springs Channel restoration project to enhance and restore redband trout spawning and rearing habitat.	Gerald Skelton	Crooked Creek		
SPRAGUE R	Planning/Coordination	Met with landowners to discuss and design exclosure fencing project to enhance and restore redband trout, western pond turtle, great blue heron rookery, and deer habitat	Dave Clawson, Chuck Pixler, Sam Gold	Sprague River		

<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
WILLIAMSON R	Planning/Coordination	Discussed design and implementation of LWD project to improve redband trout habitat	Jeld Wen and ODF	Williamson River		
	Other Activities that Advance the Goals of the Oregon Plan	Provided technical assistance and input on fish and wildlife habitat requirements at Potential Natural Community (PNC) meeting and field tour	Fremont National Forest, Winema National Forest, Lakeview BLM, Klamath NRCS, DEQ, USFW			PNC model being pursued to better manage riparian habitats
WILLIAMSON R	Monitoring of Fish Populations and Habitat	Conducted redband trout spawning ground surveys		Williamson River		
	Other Activities that Advance the Goals of the Oregon Plan	Attended and provided input on fish and wildlife habitat at interagency PNC	USFW and DEQ			

<i>Measure</i>	<i>V.A.1 - Conduct an Outreach Program</i>
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<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
	Assistance with Habitat Protection and Restoration	Participated in Klamath Schools Forestry Tour, gave twelve minutes presentations on fish and wildlife habitat requirements, significance of habitat, etc.	Klamath Falls Schools 6th graders			

OWEB Region Eastern Oregon

District Grande Ronde Watershed District

Measure I.B.2 - Inventory and Monitoring of Salmon Habitat and Distribution

<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
UPPER GRANDE RONDE R	Monitoring of Fish Populations and Habitat	Spawning ground surveys for spring chinook	ODFW, CTUIR , Grande Ronde Model Watershed			miles
IMNAHA R	Monitoring of Fish Populations and Habitat	Spawning ground surveys for spring chinook	ODFW ,NPT , Grande Ronde Model Watershed			
WALLOWA R	Monitoring of Fish Populations and Habitat	Spawning ground surveys for spring chinook	ODFW , NPT ,Grande Ronde Model Watershed			

Measure II.B.1S - Assess the Effectiveness of Using Hatchery Production to Reintroduce or Rebuild Depressed Wild Steelhead Populations

<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
IMNAHA R	Unspecified	Density sampling of juvenile steelhead after out planting of hatchery adults	ODFW ,OSU , Nez Perce Tribe	Big Sheep cr.		

Measure IV.A.6 - Promote and Assist Voluntary Habitat Protection Actions (Provide Technical Assistance to Landowners)

<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
BURNT R	Assistance with Habitat Protection and Restoration	Field visit of erosion problems due to poor culvert placement	DSL , Baker co. roads ,COE ,WRD , Private landowners	West Fork Burnt R.		

Measure **Unspecified**

<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
PINE CR	Monitoring of Fish Populations and Habitat	Spawning ground surveys for Bull trout	Pine cr. Bull trout working group ,USFS, ODFW			
WALLOWA R	Monitoring of Fish Populations and Habitat	Monitoring of Fish for Bull trout	Spawning ground surveys ,Grande Ronde Bull trout working group	ODFW ,USFS		Lostine R.

District **John Day Watershed District**

Measure **I.D.1 - Use of volunteers**

<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
MIDDLE JOHN DAY R	Monitoring of Fish Populations and Habitat	Determined presence of bull trout in tributaries of the Middle Fork John Day	Oregon Youth Conservation Corp, ODOT, USFS	Vinegar, Big Boulder and Davis creeks	14	These streams were historic bull trout tributaries (pre-1980). This project verified use in Vinegar Creek.

Measure **IV.B.2 - Promote Habitat Restoration**

<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
NORTH FK JOHN DAY R	Assistance with Habitat Protection and Restoration	Coordinated with Umatilla NF to restore floodplain on Granite Creek by leveling mine dredge tailings	Umatilla National Forest and landowner Carter Kearns	Granite Creek	2	This project is a continuation of an identical project on the North Fork John Day River. Funds provided by BPA.

Measure **IV.C.1 - Cooperative Removal of Barriers**

<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
MIDDLE JOHN DAY R	Improvement of Fish Passage and Screens on Water	ODFW Screens crew designed and is in the process of building a fish ladder over a 13 foot high dam on Bridge Creek, which will open at least 11 miles of habitat for steelhead, chinook and bulltrout	Private landowner Joanne Vidondo	Bridge Creek	11	

District Malheur Watershed District

Measure I.D.1 - Use of volunteers

<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
DONNER UND BLITZEN R	Monitoring of Fish Populations and Habitat	Used volunteers to gather genetic samples (fin clips) of redband trout	Central Oregon Flyfishers, Sunriver Anglers, ODFW	Donner und Blitzen River and tributaries		Part of ODFW's statewide effort to genetically categorize redband trout.
SILVIES R	Monitoring of Fish Populations and Habitat	Inventory upper limits of fish distribution/barriers/fish	Volunteers, ODFW, USFS, BPT	Silvies River Basin		Year 2 of a two year project
UPPER MALHEUR R	Monitoring of Fish Populations and Habitat	Bull trout spawning surveys	Volunteers, ODFW, USFS, BPT	NF Malheur, Deadhorse CR., Sheep Cr., Swamp Cr., Cow Cr., Horseshoe Cr., Elk Cr., Little Crane Cr., Meadow Fork Big Cr., Big Cr., Snowshoe Cr., Lake Cr.	39	Surveys used to monitor/evaluate recovery for ESA listed bull trout

Measure Unspecified

<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
SILVIES R	Planning/Coordination	Reviewed draft Watershed Council Silvies Basin Assessment	Harney County Watershed Council	Silvies River		Met with watershed council and contractor to review and edit Silvies Basin Watershed Assessment.
OREGON CANYON CR	Planning/Coordination	LCT DPS team meeting to review genetics evaluation and recovery strategies for LCT in the McDermitt Cr. Basin	USFWS, ODFW, BLM, NDOW, UNR,	Indian Cr., Line Canyon Cr., Sage Cr.	6	Conference call to review results of genetics info and plan where place an barrier to prevent exotic trout from displacing LCT

OWEB Region **North Coast**

District **North Coast Watershed District**

Measure ***I.B.2 - Inventory and Monitoring of Salmon Habitat and Distribution***

<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
SILETZ R	Monitoring of Fish Populations and Habitat	Operate fish trap to capture steelhead for brood fish, monitoring hatchery & wild proportions and estimate run size.		Siletz Falls		Numbers of wild summer steelhead passed above Siletz Falls have surpassed last years record of 311. With over two months of the run to go, the total for the season will likely be over 400 wild fish. This is close to levels seen in the late 60's.

Measure ***I.B.4 - Inventory of Artificial Barriers***

<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
TILLAMOOK R	Improvement of Fish Passage and Screens on Water	Participate in development of Tillamook County Culvert Data Model. Also includes Lower Nehalem and Nestucca watersheds.	Tillamook County, Tillamook Bay WC, Tillamook County Performance Partnership, Tillamook County Resource Center, Tillamook Public Works, PSU, BLM, ODF, ODFW, etc.	Many		Cooperative effort facilitated by county and resource center to address need for comprehensive, one-stop, information on fish passage and crossing locations and status.

Measure ***IV.A.1 - Provide Technical Assistance to Regulatory Agencies for Habitat Protection***

<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
	Assistance with Habitat Protection and Restoration	Reviewed ODF notifications of operations	ODF			provide comments to ODF for habitat protection

Measure **IV.B.2 - Promote Habitat Restoration**

<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
TILLAMOOK R	Assistance with Habitat Protection and Restoration	Habitat restoration project completed on private timber lands to improve and provide diverse fish habitat.	Simpson Timber, ODF	Farmer Cr., Peterson Cr., Miami R.		Farmer Cr. (Nestucca)-900 meters, Peterson Cr. (Miami)-400 meters, Miami - 1.0 mi.

Measure **IV.B.4 - Use Hatchery Carcasses to Increase Wild Salmon Production**

<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
TILLAMOOK R	Other Activities that Advance the Goals of the Oregon Plan	Distribute carcasses	Tillamook Anglers	NF Trask River, Bark Shanty Cr.	15	Placed 111 spring chinook carcasses.

Measure **IV.C.1 - Cooperative Removal of Barriers**

<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
TILLAMOOK R	Unspecified	Replace culvert with bridge	ODF	Carpenter	0	Miami Tributary

Measure **IV.C.2 - Screens Diversions Less than 30 cfs**

<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
TILLAMOOK R	Improvement of Fish Passage and Screens on Water	Compile list of ODFW facilities with screens for ESA certification process	ODFW	Various		List compiled for North and Mid Coast districts.

<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
NECANICUM R	Improvement of Fish Passage and Screens on Water	Redesign of water intake structure	Gearhart Golf Links	Neacoxie		The Golf course need to redesign the irrigation intake and water control structure Neacoxie Creek (trib to Necanicum). Currently a culvert is blocked to raise the water level to supply the pump.

<i>Measure</i>	<i>Unspecified</i>
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<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
	Other Activities that Advance the Goals of the Oregon Plan	Proposed re-instating a consumptive fishery for cutthroat trout in the area from Salmon River to Tahkenitch Lake. The regulation change was approved.	Oregon Fish and Wildlife Commission and trout anglers	Numerous		Coastal cutthroat populations are robust and plentiful. Allowing a consumptive fishery will provide recreational and economic benefits to residents in this area. This is the goal of the Oregon Plan.

<i>Measure</i>	<i>V.A.1 - Conduct an Outreach Program</i>
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<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
TILLAMOOK R	Assistance with Oregon Plan Outreach	Assisted Riparian Advisory Committee on Riparian Area Tour	Tillamook Co.	Misc.		Member of TAC for development of new riparian protection ordinance.
NECANICUM R	Assistance with Oregon Plan Outreach	Community Leaders Tour	Local elected officials, community leaders and press			Toured industrial timber operations to showcase culvert replacements, logging operations, and habitat improvement projects.

OWEB Region Southwest Oregon

District Rogue Watershed District

Measure I.B.1 - Adult Escapement and Juvenile Coho Salmon Production Assessment

<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
	Monitoring of Fish Populations and Habitat	Gold Ray Dam fish counts	Agencies/public	Rogue River	350	Counts through 9/30/00: 3,549 fall chinook (10 yr. ave.=5,548); 2,966 summer steelhead (10 yr. ave.= 6,532)

Measure I.B.1S - Assess Adult Escapement and Juvenile Production of Wild Steelhead

<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
	Monitoring of Fish Populations and Habitat	Random reach electrofishing to monitor juvenile steelhead				Excluding the Rogue Basin, juvenile steelhead densities were above the ODFW density goal.
	Monitoring of Fish Populations And Habitat	Monitoring of adult salmonid returns at Huntley Park.				Summer steelhead returns were greater than in recent years. Chinook have also been abundant. Coho are just beginning to return.

Measure IV.A.1 - Provide Technical Assistance to Regulatory Agencies for Habitat Protection

<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
	Unspecified	Testified before County Commissioners in support of proposed riparian protection & mining ordinances.	Josephine County Planning Office & County Commissioners	Basin-wide in Josephine County		County adopted ordinances that provide better protection than safe harbor ordinances
	Unspecified	Reviewed several in-water work period variance requests	DSL, contractors, USFS, ODOT, Jackson and Josephine county road departments			

<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
	Assistance with Habitat Protection and Restoration	Reviewed water right application and ODF notifications of operations	WRD, ODF, water right applicants, loggers			Recommended fish screening and bypass facilities when appropriate for water diversions; opposed application to allow delay in removal of stoplogs from Savage Rapids Dam beyond October 31

Measure	<i>IV.B.2 - Promote Habitat Restoration</i>
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<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
CHETCO R	Assistance with Habitat Protection and Restoration	Large wood placement.		Little South Fork Hunter Creek	0.2	16 pieces of large wood were placed into 7 sites in cooperation with South Coast Lumber Company.
LOWER ROGUE R	Assistance with Habitat Protection and Restoration	Large wood placement.		Indian Creek	0.2	24 pieces of large wood were placed into 8 sites in cooperation with the rancher/landowner and the Lower Rogue Watershed Council.
SIXES R	Assistance with Habitat Protection and Restoration	Large wood placement.		Dry Creek Trib A	0.2	13 pieces of large wood were placed into 4 sites in cooperation with Westbrook Land & Timber and the South Coast Watersheds Coordinating Council.
CHETCO R	Assistance with Habitat Protection and Restoration	Large wood placement.		Jack Creek	0.7	97 pieces of large wood were placed into 33 sites in cooperation with South Coast Lumber Company, South Coast Fishermen, California-Oregon Fish Enhancement, and the South Coast Watersheds Coordinating Council.

Measure	<i>IV.C.1 - Cooperative Removal of Barriers</i>
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<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
	Unspecified	Improve passage at Wimer Dam in Evans Creek	Landowner, Rogue Basin Fish Access Team, BOR, BLM	Evans Cr.	83	Discussion removal of Wimer Dam with landowner; agreed to work with BOR engineer to consider designs; BLM will likely provide funding if project is implemented

<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
	Unspecified	Replace damage to baffles		Jones Cr.	4	Two baffles were replaced on culvert at railroad crossing

Measure	IV.C.2 - Screens Diversions Less than 30 cfs
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<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
	Unspecified	Installed new fish screen on gravity diversion	Private landowner, OWEB	S.F. Little Butte Cr,	23	New screen meets NMFS standards

Measure	Unspecified
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<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
LOWER ROGUE R	Management of Hatchery Programs	Hatchery release to supplement wild chinook population.		Rogue River		Final year 2000 release of fall chinook from Indian Creek Hatchery. 100 percent of the juveniles were marked.

Measure	V.A.1 - Conduct an Outreach Program
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<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
	Assistance with Oregon Plan Outreach	Attend meetings of sportman groups, watershed councils,	Attended meetings of Rogue Flyfishers Board, Rogue Valley Bass Masters, Rogue Flyfishers, & Southern Oregon Fly Fishers, Trout Unlimited, Bear Creek Council, Applegate Council, Upper Rogue Council, Illinois Council/SWCD, Little Butte Council, RBCC, RBFAT.			Announced commission meetings to adopt angling regulations; Upper Rogue discussed carcass seeding project with USFS. Little Butte discussed aggregate operations in watershed; consulted with Applegate on applying to OWHF for Farmers project; worked with Portland to get RBFAT report on our website.

District Umpqua Watershed District

Measure Unspecified

<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
UMPQUA R	Monitoring of Fish Populations and Habitat	Began fall chinook indicator stock project on the main Umpqua and South Umpqua rivers'. This mark and recapture study includes the installation of a floating weir trap on the South Umpqua near Happy Valley.	ODFW, Umpqua Fisherman's Association, private landowners	Mainstem Umpqua and South Umpqua Rivers'	120	Began netting in the mainstem Umpqua River for fall chinook. About 25 chinook have been floy-tagged in the main Umpqua with one of them being radio-tagged. Six chinook were captured at Happy Valley on the South Umpqua

Measure III.A.2S - Manage Steelhead Fisheries to Minimize Impact on Wild Steelhead

<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
N FK UMPQUA R		Radio-tagging and tracking 10 summer steelhead and 1 cutthroat trout in the North Umpqua River. Beginning progress reports for 1998-1999	ODFW, Tag sponsors	North Umpqua	120	Continued monitoring summer steelhead and cutthroat radio-tagged during 2000. A total of 37 wild, 46 hatchery summer steelhead and 10 cutthroat have been radio-tagged to this point. Currently 9 of these hatchery steelhead have been harvested by anglers, producing a 20% harvest rate.

Measure IV.A.1 - Provide Technical Assistance to Regulatory Agencies for Habitat Protection

<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
COOS R	Planning/Coordination	Assisted ODF with development of HCP for Elliott State Forest	ODF	Elliott State Forest Watersheds		Aquatic Inventory Project will assist with Fish/Habitat surveys in 2001. ODFW employee from Roseburg assisting with Wildlife issues.

Measure	IV.B.2 - Promote Habitat Restoration
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<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
COQUILLE R	Assistance with Habitat Protection and Restoration	Assisted with placement of LWD (11 structures, 45 logs)	The Timber Company	Rasler Creek		
COQUILLE R	Assistance with Habitat Protection and Restoration	Assisted with placement of LWD (9 structures, 43 logs)	Westbrook Timber and Moore Mill	Bear Creek		
UMPQUA R	Assistance with Habitat Protection and Restoration	Habitat enhancement and fish passage.	ODFW, private landowners, Umpqua Basin Watershed Council, timber companies, ODOF, ODOT.	Throughout the Umpqua Basin	1200	Projects were completed at the following sites during September: Coon Creek, Wood Creek, Byron Creek, Charlotte Creek, Lane Creek, and Whitehorse Creek.

Measure	IV.C.1 - Cooperative Removal of Barriers
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<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
COOS R	Other Activities that Advance the Goals of the Oregon Plan	Made improvements of existing fish ladder to facilitate passage of adult salmonids	ODF (Elliott State Forest) and inmate crew	Elk Creek		

OWEB Region **Statewide**

District **Fish Division**

Measure **III.B.1 - Develop Selective Ocean Coho Harvest Opportunities**

<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
	Management of Harvest	Presented draft report of the OCN work group to the Pacific Fishery Management Council (Council).	National Marine Fisheries Service, Council, CDFG, WDFW, public.			Draft report on new investigations into OCN coho management under Amendment 13 particularly during times of critically low populations or marine survival.
	Management of Harvest	Completed at-sea monitoring of selective troll coho salmon fishery.	ODFW, commercial salmon trollers.			Salmon trollers volunteered to take observers to gather data from this first ever commercial finclip selective fishery.

Measure **Unspecified**

<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
	Planning/Coordination	Review and comment on USFWS draft biological opinion on effects of Federal Columbia Hydro Electric System on bull trout and green sturgeon.	ODFW staff, USFWS	Columbia River and portions of Snake River		Supported terms and conditions. Recommended inclusion of Imnaha and Grande Ronde bull trout populations in assessment; research to study bull trout use of ladders at dams.
	Planning/Coordination	Review and comment on draft 2000 biological opinion on operation of Federal Columbia Hydro Electric System including fish transportation program and Bureau of Reclamation's 31 projects, including the entire Columbia basin project.	ODFW staff, Action agencies (USFWS, NMFS, COE, BOR)	Columbia River		Encouraged coordination and integration of the biological opinion with other biological opinions affecting Columbia Basin fish and wildlife.

District I&E Division

Measure V.A.1 - Conduct an Outreach Program

<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
	Assistance with Oregon Plan Outreach	Planning, coordination of display on changing role of ODFW Hatcheries in Oregon Plan Booth at State	General public (adults and youth) / Oregon Plan			400 gallon aquarium with chinook, coho and steelhead provided good educational opportunity

OWEB Region Willamette Valley

District I&E Division

Measure V.A.1 - Conduct an Outreach Program

<i>Basin Name</i>	<i>Category</i>	<i>Activity Description</i>	<i>Audience</i>	<i>Stream</i>	<i>Stream Miles</i>	<i>Comments</i>
SANDY R	Assistance with Oregon Plan Outreach	Planning with Oxbow Salmon Festival steering committee for participation in Oxbow Salmon Festival	General public (adults and youth) / Oregon Plan			Educate public- Sandy R. fish populations, changes in hatchery practices, native fish protection

October 10, 2000

To: The Honorable John A. Kitzhaber, M.D.
Governor of Oregon

From: Thomas D. Lulay, Executive Deputy Director
Transportation Operations

Subject: Oregon Plan Quarterly Implementation Report
July – September, 2000

Accomplishments on ODOT's Action Items:

Statewide

ODOT Action Item 3: Maintenance Management Maps

- Maps for ODOT Region 3 are complete.
- Maps for ODOT Region 2 are being printed and will be distributed this fall.
- Maps for ODOT Regions 1, 4, and 5, are still being developed. Fieldwork necessary to complete maps for regions is planned to start in July 2001.

ODOT Action Item 6: Environmentally Sensitive Design

- ODOT developed six draft bioengineering design concepts for bank stabilization.

ODOT Action Item 12: Education

- ODOT sponsored two Fluvial Geomorphology classes, focusing on the study of rivers and how geology and topography/geography affect them. The classes were attended by ODOT hydraulic designers and biologists as well as representatives from the Division of State Lands, Oregon Department of Fish and Wildlife, Department of Geology and Mineral Industries, Oregon State University Extension Service, and Watershed Council managers.

North Coast Measures (Siuslaw, Mid-Coast, North-Coast)

ODOT 2: Culvert Inventory, Assessment and Remediation.

- Squaw Creek – Replaced five culverts with a bridge to increase fish accessibility to Squaw Creek from the Nehalem River. All instream work is complete. Final adjustments to the bridge structure will be completed by the end of October 2000.

South Coast Measures (Umpqua, Coos, Coquille, Ten Mile, Rogue, South-Coast)

ODOT 2: Culvert Inventory, Assessment, and Remediation.

- Upper and Lower Buck Creek – Improved rock weir at outlet of two culverts to raise height of jump pools to allow for juvenile fish passage at low water flows. Also placed notch in apron curb to reduce sheet flows.
- Canyon Creek – Placed two rock weirs at outlet of culvert to raise height of pools at outlet to improve juvenile fish passage at low water flows. Installed sheet metal pieces on fish baffles inside culvert to create hydraulic shadows to improve adult fish migration at high water flows.
- Branch-Langel Creek – Placed riprap to protect bank from erosion and improve water flow into culvert.
- Eel Creek – Installed wooden crib wall to deflect water and prevent further bank erosion. Also installed large woody material along stream bank to reduce bank scour and create habitat for fish. Local watershed group will complete willow plantings this fall.
- Jones Creek – Installed large boulders in stream to improve pools and make outlet apron to enhance fish passage.
- Woodford Creek – Added random rock to culvert outlet to aid in bedload recruitment.

Willamette Measures (Upper, Middle, Lower Willamette, Scappose, Sandy)

ODOT 2: Culvert Inventory, Assessment and Remediation.

- Tickle Creek – Installed large rock weirs and roughened chute to culvert to permit passage of juvenile and adult anadromous fish and cutthroat trout.

ODOT 6: Environmentally Sensitive Design.

- West Fork Dairy Creek – Bank stabilization project utilizing bioengineering design.

Central Measures (Hood, Deschutes, Klamath, Goose and Summer Lakes)

- No projects completed at this time.

Eastern Measures (John Day, Umatilla, Grande Ronde, Malheur, Owyhee)

ODOT 2: Culvert Inventory, Assessment, and Remediation.

- Porter and Rock Creek – Incorporated roughened chutes into culverts to improve fish passage.
- Clear Creek, Dry Fork, Phipps, Squaw Creeks – Installed concrete box culverts to improve fish passage.
- Mill Creek – Started the design of box culvert and channel relocation as part of an Oregon Watershed Enhancement Board (OWEB) grant project.

Other Agency Activities that Support the Oregon Plan:

- Continued development of erosion control plans for construction projects.
- Bank stabilization project in the Warner Basin (Central) on Blue Creek has been completed.

- Bank stabilization project in the McKenzie Basin (Willamette) on the McKenzie River was completed. Project included incorporating willow and maple plantings into a riprap slope repair. To ensure success of vegetation, additional willows will be planted in cooperation with the U.S. Forest Service in spring 2001.
- Bank stabilization project in Siletz-Yaquina Basin (North Coast) on the Nestucca River was completed. Streambank repair included careful placement of riprap, avoiding disturbance of existing riparian vegetation. Planting of additional willows and maples on-site will be completed in spring 2001.
- Bank stabilization project in Alsea Basin (North Coast) on Little Cummins Creek was completed.
- Bank stabilization project in Flores Creek (South Coast) was completed. The project included incorporation of woody debris into approximately 300 feet of riprapped bank to improve bank complexity and create aquatic micro-habitat.
- Bank stabilization Umpqua Basin (South Coast) on Calapooya Creek was completed. The project included installation of riprap around bridge footings to prevent additional scour. Replanted riparian vegetation.
- Embankment repair on Little Phillips Creek in the Grande Ronde Basin (Eastern).
- ODOT worked cooperatively with other state and local agencies to clean up an illegal dumpsite at Two-Mile Creek in Eastern Oregon.
- The National Marine Fisheries Service under the final rules for salmon and steelhead protection adopted ODOT "Routine Road Maintenance Water Quality and Habitat Guide, Best Management Practices".
- The ODOT Director is continuing to work with other states on the Northwest Regional Streamlining effort to simplify the processes related to the Endangered Species Act regulations.

Cc: Louise Solliday
Roy Hemmingway
Teresa Trump
ODOT Distribution

Oregon Watershed Enhancement Board
Oregon Plan Quarterly Implementation Report
 Quarter: July 1, 2000 – September 30, 2000

The Oregon Watershed Enhancement Board (OWEB) was created by the 1999 State Legislature to support implementation of the Oregon Plan through funding local watershed restoration, providing tools and guidance to local groups, and developing partnerships and priorities to make restoration efforts more effective. Although OWEB has no specified implementation measures in the Oregon Plan, the agency's work statewide and regionally is fundamental to achieving Oregon Plan goals. This report summarizes agency accomplishments and issues related to the Oregon Plan for the period July 1, 2000 to September 30, 2000.

I. Statewide

A. Accomplishments

Project and Program Funding

Watershed councils, soil and water conservation districts, local governments, agencies and citizens statewide are making improvements in watershed health. Each quarter, OWEB grants support on-the-ground restoration projects, watershed assessment and monitoring, local outreach and education, and watershed council support. OWEB maintains a database of all funded projects to track and report progress statewide and regionally. Soon, this database will be accessible through the OWEB website: www.oweb.state.or.us.

Watershed Improvement Grant Applications

On September 1, 2000, OWEB received 200 grant applications requesting approximately \$19.5 million for local watershed improvement projects. The applications include 109 applications for watershed restoration projects, 9 for land acquisitions, 29 for local outreach and education, 27 for monitoring, and 28 for watershed assessment.

OWEB Grant Applications Received, September 1, 2000

Project Type	Statewide	North Coast	Southwest Oregon	Willamette	Central Oregon	Eastern Oregon	Total
Assessment		5	10	8	3	2	28
Monitoring		3	7	7	2	8	27
Outreach	5	5	8	6	4	1	29
Acquisition				7	1	1	9
Restoration		15	26	18	17	33	109
Totals	5	28	51	46	27	45	202

Strategic Investments in Research

A subcommittee of the OWEB Board was formed to develop a strategic investment plan to address research needs to support implementation of the Oregon Plan. The strategic plan will guide OWEB's allocation of funds from the Restoration and Protection Research Fund, which earns interest from lottery proceeds dedicated to enhance parks and natural resources by Ballot Measure 66. The Fund is expected to receive approximately \$900,000 in the 1999-2001 biennium.

Development of a Small Grant Program

A subcommittee of the OWEB Board was formed to guide the development of an enhanced small grant program that better supports local efforts of councils and landowners to restore watershed health. An enhanced small grant program would make grants more accessible to projects requiring a relatively small amount of funds and would support local project priorities, restoration needs, and partnerships. The Board plans to consider a small grant program proposal at its January 2001 Board meeting.

Rulemaking for Land and Water Acquisition

OWEB is working with broad stakeholder input to develop rules that will govern the acquisition of land and water interests from willing sellers to benefit wild salmonid populations, watersheds, fish and wildlife habitat and water quality. Final rules are anticipated in October 2000.

Redgetop to Ridgetop Conference

In cooperation with the Oregon Association of Conservation Districts (OACD), OWEB is planning the *Ridgetop to Ridgetop* Conference, November 6-9, 2000. The conference celebrates the success of local watershed councils and soil and water conservation districts in their work to restore the health of Oregon's watersheds. *Ridgetop to Ridgetop* is OWEB's 6th Biennial Conference and OACD's 52nd Annual Meeting. The conference features local accomplishments and lessons learned, focuses on shared challenges and potential solutions, and highlights opportunities for making progress. For information, see: www.oweb.state.or.us.

Restoration Strategy Guidance

OWEB staff has hosted two meetings with a broad advisory group to develop guidance for watershed restoration (i.e., local restoration action plan guide). Discussions have focused on the nature of the guidance, what would be sufficient to provide assurance under the NMFS 4(d) rule for "Watershed Conservation Plans," and other topics. A schedule for the completion of the guidance is being developed.

Monitoring Progress

OWEB staff has worked with a number of partners to make progress in monitoring implementation and coordination. An effectiveness monitoring plan was developed for the Conservation Reserve Enhancement Program to provide information on the value of this incentive program and opportunities for improvement. The Oregon Watershed Restoration Inventory was expanded in cooperation with the US Army Corps of Engineers, DSL, and US Fish and Wildlife Service to establish project reporting requirements under the Corps Regional General Permit for instream restoration activities. OWEB coordinated with councils to obtain coverage for fish monitoring activities under the ESA 4(d) Rule Research Limit. Staff are continuing to work with state and federal agencies to set the groundwork for establishing an integrated data system and website for the Pacific Northwest region.

B. Issues

Watershed Council Support

In the 1999-2001 biennium, OWEB will grant \$4.2 million to support the operation of local watershed councils. This amount, however, falls far short of meeting a growing demand for funds. The Board recognizes the need for a more stable, long-term funding source and improved methods to ensure accountability of council support funds. OWEB plans to develop program guidelines to address these issues.

Support of SB 1010 Program

In September, the OWEB Board discussed various issues associated with implementation of Senate Bill 1010 and potential partnerships that could be formed to support this important water quality program. Issues discussed included variability in the local water quality plans and rules that are developing, managing the regulatory elements of the program, and local outreach associated with SB 1010 plans.

II. North Coast Accomplishments and Issues

A. Accomplishments

Watershed assessments are complete or underway in almost all North Coast watersheds. Reviewing the progress of assessments from North to South:

- The Lower Columbia assessment is nearly complete
- All of the Clatsop watershed assessments are near completion or in progress, with the exception of the Necanicum assessment, which is in beginning stages
- Assessment of the entire Nehalem is nearly complete, and councils there are now working on a draft action plan for addressing watershed problems
- In the Tillamook Bay system, the Trask and Netarts assessments are done and the Miami, Kilchis and Wilson are in progress
- The Nestucca-Neskowin assessment is done
- In the Mid-Coast, assessments of all watersheds are in progress, including the Salmon, Siletz, Yaquina, Alsea, Yachats, and all ocean tributaries between Cascade Head and Heceta Head. These should be complete within the next few months.
- In the Siuslaw system, assessment has not yet begun but funding has been secured and councils have requested proposals for doing the work.

Councils in the Mid-Coast and Siuslaw have recently completed large culvert replacement projects to improve fish passage. Projects occurred in cooperation with local governments (Lane, Linn and Benton Counties) and OWEB funding.

In June 2000, the OWEB Board approved the acquisition of 180 acres of Whalen Island located at Sand Lake Estuary, in partnership with Tillamook County, Oregon Parks and Recreation Department (OPRD) and multiple others. Whalen Island provides critical habitat for many aquatic species, including steelhead, cutthroat trout, chinook, coho and chum salmon. The

acquisition places the island under management of OPRD to provide ecological and public education and recreation benefits.

B. Issues

In the North Coast, similar to other areas of the state, watershed improvement is limited by availability of technical assistance to plan and implement projects. Assessments are showing watershed problems and restoration opportunities, councils and landowners are interested in doing restoration work, but technical assistance to design and plan quality projects is limited. The need for increased technical assistance is evident in the type and number of project proposals submitted to OWEB in the current grant cycle. The number of local grant applications fell by roughly one-third in the North Coast and the overall quality of proposed projects decreased. In many cases, those providing technical assistance to councils have reached their capacity and as a result, restoration opportunities are being missed.

III. South Coast Accomplishments and Issues

A. Accomplishments

Member agencies of the Southwest Interagency Group (SWIG) and the Southwest Oregon Provincial Interagency Executive Committee (PIEC) have finalized a Memorandum of Understanding (MOU) that facilitates agency partnerships with watershed councils, particularly in relation to technical assistance and watershed planning. As a result of the MOU, a Rogue Basin Technical Team has been formed to do an assessment of basin conditions. This process will be tested in the Little Applegate Watershed and will evaluate the effectiveness of different watershed assessment methods, including the Oregon Watershed Assessment Manual and federal assessment tools. In addition, the MOU has produced a Technical Pool of watershed experts available to assist councils and landowners in the Rogue Basin.

Recently, representatives of various regional efforts in the Rogue Basin identified the prioritization of barriers to fish passage as a priority effort for fish recovery. Members of the Rogue Basin Fish Access Team (RBFAT) agreed to a strategic plan for the identification, prioritization and elimination of fish passage barriers throughout the basin. RBFAT members include OWEB, ODOT, DSL, ODFW and NMFS. Members are currently discussing the possibility of creating a Rogue Basin Aquatic Habitat Mitigation Bank to receive ODOT funds, passed through OWEB, for watershed enhancement projects that mitigate for impacts to wetlands and waterways associated with state road projects.

A regional pilot effort to integrate and address the requirements of the Endangered Species Act (ESA) and Clean Water Act (CWA) is progressing. State and federal agencies have produced a *matrix* – a watershed conservation management plan designed to meet ESA and CWA requirements and go farther to realize watershed health. The matrix is now being applied to the Little Applegate Watershed (a 5th field watershed), and work has is complete on Yale Creek (a 6th field watershed in the Applegate). The matrix uses data collected by watershed councils and agencies on water quality and stream habitat parameters to assess current conditions against

agreed-upon standards. Standards for watershed conditions were developed cooperatively by DEQ, ODFW, NMFS, EPA and USFS, and include a range of proper functioning conditions. Assessments of current conditions against standards were entered into the matrix to illustrate watershed status. Factors contributing to current conditions were documented and added to the matrix. Then, based on goals and objectives for achieving the standards, partners developed restoration strategies, progress benchmarks and monitoring plans for each parameter. Partners are now finalizing the outreach and education component of this process.

B. Issues

The lack of stable, long-term funding to support watershed councils continues to be an issue. Most councils have secured funding for coordinators for periods of one or two years, and often less. Lack of stable, secure funds results in loss of quality coordinators and inconsistent council leadership.

As a result of recent policy changes at the US Army Corps of Engineers regarding permits for instream work, some watershed improvement projects in this region were abandoned or postponed.

The availability of technical assistance to support local watershed improvement planning and implementation is also a continuing issue. More technical assistance has been made available in the Rogue basin, but specialists, such as engineers, are often needed and not available to assist local projects.

IV. Willamette Accomplishments and Issues

A. Accomplishments

Conducting watershed assessments continues to be a focus of council work in the Willamette region. Many councils are almost exclusively involved in the assessment stage. Currently, a high priority need for councils is guidance on planning watershed improvement projects from information revealed in assessments. OWEB is in the process of developing a restoration action plan to meet this growing need.

During this quarter, OWEB funded and brought on two additional watershed council coordinators in the Willamette. Full-time coordinators now assist the Sandy Basin Council and the Coast Fork Willamette Council.

OWEB also funded a number of restoration projects that are now underway. Work is nearing completion on a 200-acre wetland restoration project near Fern Ridge Lake in the Long Tom watershed in Lane County. The project includes excavation of shallow ponds at 5 sites and restoration of riparian and wetland areas along Amazon Creek. 10,000 native trees, shrubs and

plants have been reserved for planting this fall. In the Johnson Creek watershed in Portland, work is underway to prepare a 50-ft. buffer along 6.5 miles of Johnson and Kelly Creeks for planting with native trees shrubs and herbaceous plants. Revegetation should result in 50% canopy closure within 5 years. In Yamhill County, the SWCD is gearing up to establish permanent grass vegetation along 34 miles of Yamhill County roads to stabilize banks and limit soil erosion into roadside ditches.

A high level of interest exists for acquiring land and water interests to support watershed enhancement. In the current grant cycle, OWEB received seven proposals for acquisitions in this region. OWEB is near completion in the development of rules to govern acquisitions of land and water interests from willing sellers to benefit fish and watershed health.

Overall, this grant cycle shows a considerable increase in the number of watershed project proposals in the Willamette. While the need for technical assistance in project design and implementation continues, an increase in on-the-ground restoration projects can be interpreted as progress. Councils, districts and other groups in this region are maturing in their interest and ability to enhance watersheds. They are taking advantage of opportunities for restoration and designing quality projects.

B. Issues

The capacity of councils to function effectively as a cohesive, productive group continues to be an issue. Some councils are having difficulty understanding their role and making progress; understanding how to proceed from council formation, to problem and opportunity identification, to planning and implementation of watershed improvement.

In addition, the need for public awareness and outreach on the Oregon Plan and what it strives to achieve is an ongoing, fundamental issue.

V. Central Accomplishments and Issues

A. Accomplishments

In the Hood Basin, Farmers Irrigation District is designing innovative approaches to improve fish passage involving horizontal fish screens planned for use in streams with ESA-listed steelhead. Significant fish habitat enhancement work is also occurring in the Hood Basin, mostly through the placement of instream structures.

Deschutes Basin Land Trust and Oregon Water Trust were instrumental in the acquisition of instream water rights on Squaw Creek, which has been dewatered in recent years. Partners are working to increase instream flows in possible anticipation of reintroducing anadromous fish above the Pelton-Round Butte Dam, which is now being considered for relicensing by the Federal Energy Regulatory Commission.

Five fish passage barriers on the Crooked River basin, a subbasin of the Deschutes, were removed or are being removed by Ochoco Irrigation District. The barriers were created by District ditches that crossed streams. The District is using siphons and inverted weirs to separate irrigation canals from the McKay and Ochoco stream systems to restore fish passage.

In the Upper Deschutes Basin, a moratorium currently exists on the use of ground water beyond existing water rights. Industry, municipalities and other stakeholders concerned about future supplies are investigating the feasibility of acquiring new water through conservation. Conserved water would be used to create a water bank to enhance flows in the Middle Deschutes. If established, the bank would be the only one in the nation with the sole purpose of enhancing instream flows. OWEB is now reviewing a grant proposal for funds to help create the bank.

B. Issues

No issues to present the Oregon Plan Implementation Team at this time.

VI. Eastern Accomplishments and Issues

A. Accomplishments

Watershed councils, soil and water conservation districts, landowners and agencies implemented many on-the-ground enhancement projects in Eastern Oregon this summer. Regionally, projects focused on rangeland management to improve water quality and watershed health, and conversion of traditional irrigation systems to more-efficient sprinklers to conserve water.

In Harney County, partners completed projects to remove juniper. In Grant County, push-up dams were replaced with fish-friendly alternatives and other irrigation diversions were modified to improve fish passage. Councils in Grant and Wallowa counties completed maintenance on water quantity gauging stations to provide more accurate information about flows.

There has been less emphasis on doing watershed assessments in Eastern Oregon in comparison to other regions of the state. Far more requests from this region come to OWEB for on-the-ground watershed improvement projects that address recognized problems or take advantage of restoration opportunities. However, Baker County recently finished an assessment of Pine Creek and is preparing to begin an assessment of North Powder. Also, assessments of Malheur and Grande Ronde Basins are nearly complete; these began before the availability of the Oregon Watershed Assessment Manual.

One thing to add might be the Owyhee Pipeline project. (Allison is in the know on this). The OCA came to OWEB in June to request emergency funding. Due to our funding cycle and rules, we couldn't go outside the grant cycle. However, with the aid of the Malheur Owyhee Watershed Council, OCA was able to enter an agreement and do a portion of this pipeline this winter (and will request the south half portion for partial OWEB funding next year). You may want to contact Kathy Pratt or Ron Jones at 541 889-2588 #5 (Malheur SWCD & WSC number)

to find out the details. The council put a lot of work into making this happen, especially Kathy Pratt and Jim Nakano, their Chair. It was to be presented to the judge last week or so.

Overall, a strong spirit of partnership between landowners, councils, SWCDs and agencies fosters willingness and progress in watershed improvement in this region.

B. Issues

Eastern Oregon presents a large, sparsely populated area for a relatively few council coordinators and technical experts to cover. Councils and SWCDs receive more requests from landowners for doing watershed improvement projects than they can develop. Increased coordination and technical assistance is needed to design and plan restoration work and to prepare applications for project funding. In Malheur County, for example, over twenty landowner requests for enhancement work lay dormant because councils and districts lack the staff to investigate, develop and implement projects.

VII. Other Agency Activities that Support the Oregon Plan

Strategic Agency Plan.

The Board is working actively to develop a strategic agency plan that includes a vision for watershed enhancement, states the outcomes that OWEB will be accountable for achieving, and describes pathways the agency will take to achieve outcomes. The strategic plan will be finalized in Winter 2000.

**OPRD QUARTERLY OREGON PLAN REPORT
OCTOBER 2000**

OPRD-2. Willamette River Watershed. 17 acres of native riparian vegetation was planted along the Willamette River at Luckimute Landing. This is a cooperative project with Polk County NRCS, CREP program, Dean Underwood, of Underwood Farms, ODFW and USFWS.

OPRD-9 Interpretative Programs at State Parks

WATERSHED	PARK	TYPE OF PROGRAM AND EMPHASIS AREA	# OF PROG.
Nehalem	Cape Lookout	Stream Rehab	*
	Cape Lookout	Interpretive Trail, self guided	*
	Cape Lookout	Nature Walks	10
	Nehalem Bay	Jr. Ranger fish activities, evening program guest speakers, video showing	13
Willamette	Vista House	Columbia Gorge, geology, Native Americans, water	1
	Willamette Mission	Naturescape Education, Riparian Habitat, Water Quality	*
	Willamette Mission	NRCS Conservation Plans, Watershed Health	*
	Detroit Lake	Watershed and salmon programs	13
Rogue	Valley of the Rogue	Salmon/watershed education workshops to school groups. Evening slide presentations. Partnership with RVCOG for salmon viewing platform construction. Fenced 1 mi. riparian area along the Rogue River to prevent cattle from eroding bank, added signs and trail to interpret fence project.	4 Work Shops. 2 evening programs
Grande Ronde	Catherine Creek	Developed and installed 6 interpretive panels on watershed and salmonid lifecycle. Provided guided nature/salmon hikes.	
North Coast ESU for Coho	Beverly Beach	Installed interpretive panels on watershed health and salmonid lifecycle	
North Coast ESU for Coho	Beverly Beach	Nature walks, both guided and self guided	*
North Coast ESU for Coho	Sunset Bay	Fisheries/Coos Watershed	4
South Coast ESU for Coho	Cape Blanco	Return of the Salmon Video shown Salmon restoration signs installed at Sixes River 5 year on-going Blanco Environmental Education Program (BEEP) on riparian restoration-Sixes River	*
South Coast ESU for Coho	Harris Beach	Jr. Ranger, community outreach, evening programs, tide-pool walks	139
South Coast ESU for Coho	Humbug Mountain	Salmon restoration signs installed at Brush Creek	

* Indicates that the number of programs given is not available.

EXCERPTS FROM OPRD'S POLICY ON THE OREGON PLAN

The Oregon Parks and Recreation Department (OPRD) fully supports the Oregon Plan for Salmon and Watersheds (the "Oregon Plan") and related programs.

OPRD realizes the importance of overall watershed health to livability in Oregon... The goals of the Oregon Plan are very compatible with OPRD's mission to provide and protect outstanding natural, scenic, cultural, historic and recreational sites for future generations... OPRD will provide interpretive programs statewide to help inform and educate people about salmonids and the watersheds that support them...

INTERPRETATION PROGRAMS AND ACTIVITIES

- Develop programs and interpretive material for presentation at evening campfire and other park programs.
- Maintain records of the number and type of programs and the number of people attending these programs to be included in the annual report.
- Place interpretive signs at high visibility project sites to explain and educate park visitors about salmonids, their habitat needs and the importance of overall watershed health to wildlife and humans.
- Build trails, where practical, for people to view projects and offer both guided and self-guided walks that demonstration projects, including why and how the project helps improve the watershed as a whole.

SWIMMING UPSTREAM... WHERE TO FROM HERE...(AS FUNDING BECOMES AVAILABLE)

- Convene a working group to develop criteria for target parks, identify target parks, identify existing resources and needs, develop scope, schedule, and costs.
- Develop individual interpretive programs that highlight the park's natural resources.
- Develop mode of implementation, schedule, and resource needs.

To: Louise Solliday
From: Paul R. Cleary
Subject: Progress Report on Oregon Plan for Salmon and Watersheds
Date: October 10, 2000

Accomplishments: (July 1, 2000 – September 30, 2000)

STATEWIDE

WRD 6 – Streamflow Restoration Priorities

WRD and ODFW have continued work to identify streamflow restoration priorities for Columbia River tributaries and interior basins. The evaluation criteria and methodology have been developed. District biologists and watermasters are ranking streamflow restoration needs and opportunities for each of approximately 1,650 watersheds. By early 2001, WRD and ODFW will combine the need and opportunity rankings to identify flow restoration priorities. Completion of the prioritization process was delayed by a year because of a lack of resources.

Issue: Several agencies are discussing development of habitat and flow restoration priorities. It is unclear what the effect of the other approaches will or should be on the priorities jointly developed by WRD and ODFW. Discussions are needed to reconcile the various priorities under development.

WRD 14 - Municipal Water Management

WRD has scheduled a workshop to aid municipal water suppliers in the development of water management and conservation plans. The workshop will be on November 17. Under the OPSW, WRD has annually conducted the workshop for the last several years.

WRD 20 – Water Use Measurement and Reporting

WRD has identified all surface and ground water permits which include conditions requiring the submittal of annual water use reports. WRD will send water use reporting reminders and forms to each of these permittees concurrently with the annual mailing to public entities who are required to report water use. WRD also is developing a database which will be used in performing field evaluations of the adequacy of measuring devices at each significant diversion in flow restoration priority areas. Progress on these tasks is on schedule.

WRD 25 - Compliance Rate Monitoring

Compliance rates developed during the quarter based on the evaluations of data collected through diversion inventories performed under WRD 10 and other stream surveys as follows:

Stream/Basin	Diversions Inventoried	Authorized Diversions	Compliance Rate
Siletz River/North Coast	22	19	86%
Tualatin River/Willamette	66	63	95%
East Fork Dairy Creek/Willamette	20	16	80%
Catherine Creek/Grande Ronde	35	35	100%

NORTH COAST REGION

WRD 8 - Increased Distribution and Enforcement

WRD watermasters closely monitored streamflows in high priority areas. Flows were sufficient to meet instream water rights throughout most of the summer. However, by late season, streamflows in Deadwood and Lake Creeks in the Siuslaw River watershed, and Little Elk Creek in the Yaquina River watershed were below instream water right levels. The watermasters shut off unauthorized diversions, including those associated with an ODOT construction project, and junior water rights.

WRD 9 - Install Monitoring Stations

The District 16 watermaster assisted the Mid Coast Watershed Council in preparation of an OWEB grant proposal to install measuring devices in areas which are high priorities for streamflow restoration. The measuring devices would allow closer monitoring of streamflows and more expeditious water distribution when instream water rights are not met.

WRD 10 - Inventory Water Diversions

In cooperation with OSP, the District 16 watermaster conducted a survey of water diversions on the Siletz River. Follow-up action was taken to identify ownership for diversions that appeared to be unauthorized and letters were sent to the landowners informing them of water right requirements.

SOUTH COAST REGION

WRD 8 - Increased Distribution and Enforcement

WRD watermasters closely monitored streamflows in high priority areas. In the Umpqua Basin, staff hired under an OWEB grant obtained by the local watershed council performed bimonthly measurements on priority streams to monitor the flows. By late summer, the District 15

watermaster had regulated approximately 200 junior users to provide water for the instream water rights. In the Rogue Basin, junior users on Thompson Creek in the Applegate River watershed, the Little Applegate River, and East Fork Evans Creek were regulated for instream water rights. By late summer, flows in several streams were insufficient to supply water rights with priority dates later than 1900. During water distribution, watermasters also identified unauthorized diversions in the Galice Creek and Pass Creek watersheds and initiated enforcement action.

WRD 9 - Install Monitoring Stations

Southwest Region field staff installed surface water gaging stations on Sucker Creek, Althouse Creek and Little Butte Creeks. The streams are high priorities for flow restoration.

WRD 15 - Instream Transfers and Leases

WRD approved instream transfers, leases, and allocations of conserved water yielding a total of 11.5696 cfs for instream water rights in South Coast basins.

WRD 22 - Modification of Diversion Dams

The District 15 watermaster assisted Craig Ditch water users in converting to pump/sprinkler irrigation, removing the concrete diversion structure which was a barrier to fish passage, and completing the associated transfers of points of diversions. In conjunction with the project, water rights for 31.8 acres of irrigated land were voluntarily cancelled. Craig Ditch is in the South Myrtle Creek watershed, a high priority for flow restoration.

The Rogue Basin Fish Passage Barrier Removal Strategic Plan was completed by WRD and other participating agencies. The plan lists four goals which are: remove or modify all human barriers to fish passage, secure funding for implementation, monitor success of projects, and educate stakeholders and the public on the impacts of fish barriers and methods used to restore fish passage. This objective replaces the gravel push-up dam objective, as all barriers to passage are included in this project.

WILLAMETTE REGION

WRD 7 - Coordinated Enforcement Plan

OSP and WRD field staff conducted a visit to pumps on the Willamette River previously identified as unauthorized. The District 20 watermaster posted nine of the pumps and identified seven new points of diversion which will be checked to determine if there are water rights for the uses.

WRD 8 - Increased Distribution and Enforcement

The District 2 and 16 watermasters regularly measured flows in high priority areas within their districts. By mid-July, streamflows had dropped to levels below the instream water rights in Thomas, Hamilton, and Butte Creeks and junior water users were regulated off.

During distribution activities to provide water for instream water rights, watermasters were involved in several cases involving enforcement against unauthorized uses. After issuing notices of violation to Mount Hood Community College for filling a reservoir using live flow needed to meet the instream right in Beaver Creek in the Sandy Basin, the District 20 watermaster referred the case to the Enforcement Section in Salem. The watermaster also devoted extensive effort to obtaining compliance with live flow bypass requirements for a reservoir in the Johnson Creek watershed.

WRD 10 - Inventory Water Diversions

The District 18 watermaster inventoried water diversions and identified unauthorized uses in the Dairy Creek watershed and a section of the Tualatin River. The watermaster contacted the owners of unauthorized pumps and secured compliance. These streams are high priorities for streamflow restoration.

WRD 15 - Instream Transfers and Leases

WRD approved instream transfers, leases, and allocations of conserved water yielding a total of 11.602 cfs for instream water rights in the Willamette Basin.

CENTRAL REGION

WRD 8 - Increased Distribution and Enforcement

The District 3 watermaster started water distribution activities in July on Fifteenmile and Tygh Creeks south of The Dalles. Several instream water right transfers and leases provide flows which the watermaster is protecting.

WRD 9 - Install Monitoring Stations

South Central Region staff assisted the Trout Creek Watershed Council in preparation of a grant request to continue operation of the gaging stations on Trout and Sagebrush Creeks. The stations have been in operation for two years and the streamflow data are available on WRD's web site.

WRD 15 - Instream Transfers and Leases

WRD approved instream transfers, leases, and allocations of conserved water yielding a total of 6.334 cfs for instream water rights in the Central Region. These included a lease initiated by the

Oregon Water Trust for 1.28 cfs with the oldest priority date (1887) on Trout Creek during August.

WRD 16 - Water Right Forfeiture

The District 3 watermaster mailed noticed of proposed cancellation to landowners with rights of record on Springer Ditch through which water was diverted from Fifteenmile Creek. Cancellation of these rights will remove from the records 85 acres of rights for which there has been no system of delivery for 15 to 20 years.

EASTERN REGION

WRD 7 - Coordinated Enforcement Plan

The District 21 watermaster obtained OSP assistance in serving an inspection warrant on an irrigator on Alder Creek. The warrant allowed the watermaster to access and adjust the water control structure to secure compliance with water right limitations.

WRD 15 - Instream Transfers and Leases

WRD approved instream transfers, leases, and allocations of conserved water yielding a total of 31.868 cfs for instream water rights in the Eastern Region.

WRD 20 - Water Use Measurement and Reporting

The District 6 watermaster inventoried 35 diversion on Catherine Creek and tributaries. The inventory will assist in planning for the replacement of headgates and measuring devices as needed. All diversion were in compliance

WRD 22 - Modification of Diversion Dams

District 4 staff assisted the Grant SWCD in preparation of a grant application for engineering to aid in diversion facilities replacing push up dams.