November 2002

Technical Assistance and the Oregon Plan for Salmon and Watersheds

A Statewide Assessment by the Healthy Streams Partnership

TECHNICAL ASSISTANCE AND THE OREGON PLAN FOR SALMON AND WATERSHEDS

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- watershed councils
- landowners
- numerous other private and public stakeholders
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To obtain additional copies of the *Healthy Streams Partnership's Statewide Assessment of Technical Assistance and the Oregon Plan for Salmon and Watersheds* or for further information, contact:

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I. EXECUTIVE SUMMARY

The Healthy Streams Partnership (HSP) recognizes that at its most fundamental level, the Oregon Plan for Salmon and Watersheds (Oregon Plan) can only be successful if local watershed restoration plans and projects are effectively carried out. For this to happen, a wide variety of technical assistance must be available for planning, designing, and implementing local projects.

To better understand the role of technical assistance in implementing the Oregon Plan, the HSP conducted a statewide assessment asking watershed councils, soil and water conservation districts (SWCDs), and other interested stakeholders about their experiences in obtaining technical assistance. This report assembles and evaluates information collected from the assessment.

BASED ON THE INFORMATION COLLECTED FROM THE ASSESSMENT, THE HSP MAKES THE FOLLOWING CONCLUSIONS AND RECOMMENDATIONS:

CONCLUSIONS

- Technical assistance for restoration projects, planning, and organizational needs is a critical component for successful local implementation of the Oregon Plan;
- Some Oregon Plan projects are either not started or completed due to lack of technical assistance;
- The amount of technical assistance needs do not change over time;
- The types of technical assistance required change over time as local experience, understanding, and needs change;
- Many stakeholder organizations do not have in-house staff to fill the wide range of needed technical expertise;
- Technical assistance is performed primarily by volunteers or local, state, and federal providers;
- There are not enough local, state, and federal technical assistance providers to meet demand;
- Some parts of the state are well organized to help stakeholders find technical assistance;
- Some stakeholders do not have sufficient resources to utilize private consultants; and
- There is an important role for private and non-profit technical assistance providers.

RECOMMENDATIONS

1. Maintain current General Fund levels for state natural resources agencies' positions that contribute technical assistance to Oregon Plan stakeholders;

2. Increase the number of state natural resources agencies' staff that contribute technical assistance to Oregon Plan stakeholders;

3. Increase funding for the Oregon Watershed Enhancement Board (OWEB) technical assistance grants by
   - Increasing OWEB technical assistance funding limitation authority; and
   - Providing maximum allowable funding for technical assistance within limitation constraints;

4. Encourage state and federal sources with discretionary grant funds to provide maximum allowable funding for technical assistance at the local level;

5. Coordinate private, public, and non-profit organization technical assistance funding sources to maximize assistance for projects and planning at the local level;

6. Develop incentives to support pre-project and post-project technical assistance needs;

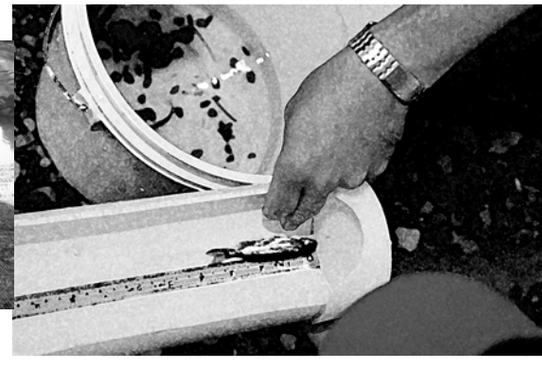
7. Consider opportunities, where appropriate, to amend statutes and/or administrative rules to move revenues received from natural resources agencies' civil penalties or fines to a fund that addresses local technical assistance needs;

8. Seek opportunities to coordinate the actions of private, public, and non-profit technical assistance providers at the local and state level;

9. Utilize existing local infrastructure to deliver technical assistance to the maximum extent possible;

10. Take advantage of direct and indirect technical assistance available through the 2002 Farm Bill by:
    - Utilizing potential third-party provider technical assistance; and
    - Maximizing local benefits of programs like Conservation Reserve Enhancement Program (CREP) and Environmental Quality Incentives Program (EQIP); and

11. Encourage development of statewide and regional technical assistance directories.



The need for technical assistance has grown over the years as increasing numbers of projects compete over limited sources of expertise.

II. INTRODUCTION

A core feature of the Oregon Plan for Salmon and Watersheds is that it relies on local, community-based actions to plan and implement watershed restoration projects. Few people would disagree that watershed councils, soil, and water conservation districts (SWCDs), and other local groups and individuals interested in maintaining and restoring the health of watersheds are the key to making the Oregon Plan work.

While local involvement is critical to the success of restoration projects, we cannot expect people to possess all of the different types of expertise needed to plan, design, and implement these efforts. The type of expertise needed can vary greatly, depending on the scope and complexity of a project. Some projects may require engineering work, or fisheries or hydrology expertise. Others may require several different types of technical assistance for a single project.

The need for technical assistance has grown over the years as increasing numbers of projects compete over limited sources of expertise. Local groups seeking to implement restoration projects often rely on technical assistance from local, state, and federal government sources. Assistance is also obtained from private consultants and volunteers. Finding and securing the appropriate technical assistance for a specific project can be difficult.

The Healthy Streams Partnership (HSP) recognizes technical assistance is important to successfully implement watershed restoration projects. In the spring of 2002, the HSP conducted a statewide assessment to better understand local and regional technical assistance needs. The data collected from the statewide assessment forms the basis for this report. The report was made possible primarily through the participation of people associated with watershed councils and SWCDs throughout the state. OWEB staff assisted with assessment development and report production.

THE HEALTHY STREAMS PARTNERSHIP

Authorized by statute under ORS 541.407, the HSP is directed to advise the Joint Legislative Committee on Stream Restoration and Species Recovery on Oregon Plan issues. More specifically, the HSP is charged with providing the committee with information about implementation of Oregon Plan programs from a regional and local perspective, and recommending needed changes to facilitate more efficient implementation of Oregon Plan programs at the local level.

Essentially, the HSP is a group of concerned citizens representing varied interests and perspectives relating to the Oregon Plan. Jointly appointed by the Governor, Senate President, and Speaker of the House, the HSP has diverse membership from all corners of the state representing agriculture, tribes, timber interests, watershed councils, SWCDs, environmental and fishing interests, industry, and municipalities. The advisory role with the Legislature establishes the HSP as an important link between policy makers and local and regional Oregon Plan stakeholders.

HEALTHY STREAMS PARTNERSHIP MEMBERSHIP

Seven members representing watershed groups or SWCDs

1. Mike Barlow – Oregon Assoc. of Conservation Dists., Nyssa
2. Debbie Boone – Necanicum Watershed Council, Cannon Beach
3. Tracy Bosen, Chair – Umatilla Watershed Council, Pendleton
4. Patricia Gainsforth – Deschutes SWCD, Bend
5. Lucie La Bonté – South Coast Watershed Council, Gold Beach
6. Jack Shipley – Applegate Partnership, Grants Pass
7. OPEN – Watershed Council representative

One member representing tribal governments and residing east of the Cascades

8. OPEN

One member representing tribal governments and residing west of the Cascades

9. Richard Tecube – Coquille Indian Tribe, North Bend

Two members who represent environmental advocacy or wildlife conservation groups

10. Hilary Abraham – The Nature Conservancy, Portland
11. Tom Wolf – Oregon Council of Trout Unlimited, Hillsboro

Ten members who represent different instream and out-of-stream beneficial uses of water, including but not limited to agriculture, recreation, industrial, municipal, and silvacultural uses

12. Rich Angstrom – Oregon Concrete & Aggregate Producers Assoc., Salem
13. Phil Donovan – NW Sportfishing Industry Assoc., Lake Oswego
14. Ken Faulk – Oregon Small Woodlands Assoc., Monroe
15. John Ledger, Vice Chair – Associated Oregon Industries, Salem
16. Bob McPheeters – Mayor, City of Tillamook
17. Fred Otley – Oregon Cattlemen's Assoc., Diamond
18. Pete Test – Oregon Farm Bureau, Salem
19. Ray Wilkeson – Oregon Forest Industries Council, Salem
20. Terry Witt – Oregonians for Food and Shelter, Salem
21. OPEN (municipal representative)

MEMBERSHIP CRITERIA (ORS 541.407)

"We don't get a whole lot done without partnerships. Once you build trust and credibility and get steady technical assistance and funding sources established on the ground – local project participation takes off."

Ron Graves, Manager, Wasco County SWCD

PURPOSE OF REPORT

This report provides a general understanding of Oregon Plan technical assistance needs from a local and regional perspective. The HSP recognizes at its most fundamental level, the Oregon Plan can only be successful if the projects and plans of local and regional stakeholders are effectively implemented. Obtaining appropriate technical assistance at the right time is critical for Oregon Plan stakeholders to successfully meet their organizational, planning, and implementation objectives.

Technical assistance simply refers to specific types of skills and knowledge that address the diverse and sometimes complex issues and problems associated with Oregon Plan-related activities. Technical assistance can include expertise in such areas as engineering, grant writing, hydrology, water quality, project management, and fish and wildlife biology. Knowledge and skill in these areas are sometimes needed in order for local projects to proceed. At times, the local proponent of a project does not have expertise in certain areas that is needed to allow the project to move forward. In these situations, technical assistance may be sought from outside sources. Typical sources include local, state, and federal government, retired experts, private consultants and volunteers.

Finding technical assistance to implement restoration projects and other Oregon Plan efforts can be a challenging problem for local stakeholders. A better understanding of local needs and the obstacles for persons and organizations seeking to obtain technical assistance is vital to assure effective implementation of actions under the Oregon Plan.

This report collects and evaluates information on past uses of technical assistance, current needs, local providers, current efforts to address technical assistance gaps, and ideas on unrealized opportunities to address technical assistance gaps. The report will be useful to policy makers, providers of federal and state funding, and local groups and individuals interested or participating in the Oregon Plan. The targeted audience for the report includes:

THE OREGON STATE LEGISLATURE - The report provides a statewide review of technical assistance needs from a regional perspective to legislators.

THE OREGON WATERSHED ENHANCEMENT BOARD - The report offers a tool to guide future board funding decisions by providing key information on technical assistance needs on a regional basis.

PUBLIC AGENCIES IN OREGON - The report identifies regional needs that may be used by local, state, and federal agencies in planning future labor allocation.

OREGON PLAN STAKEHOLDERS - The report informs people interested in the Oregon Plan on the technical assistance needs and issues faced by others in different parts of the state.

DESCRIPTION OF PROJECT

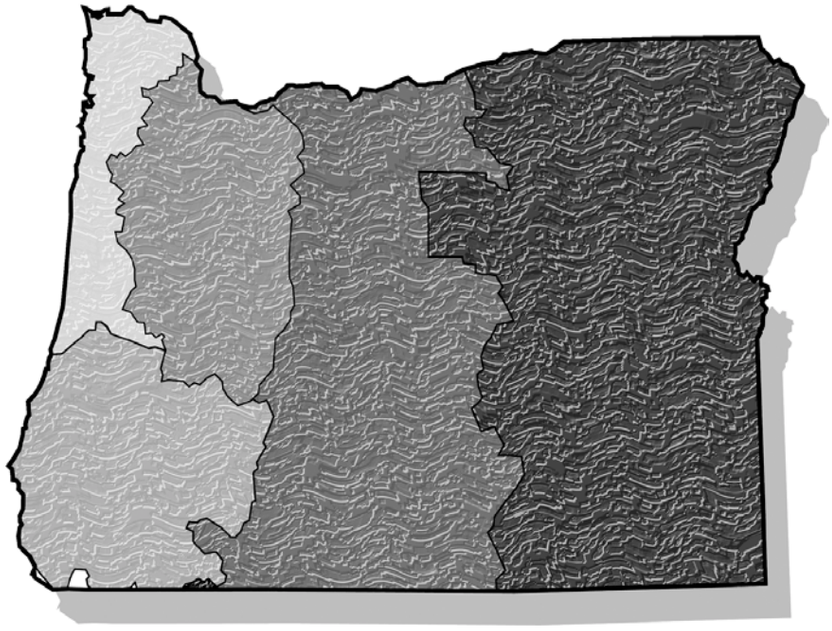
The report is based on data collected through a statewide assessment conducted in the spring of 2002. The assessment consisted of seven multi-part questions relating to technical assistance. The questions were designed to identify past uses of technical assistance, as well as current and future needs. The assessment also sought information on regional technical assistance providers and funding sources. The questions sought advice on current efforts to address technical assistance needs, and ideas on potential untried opportunities that could help address technical assistance needs. Most assessment questions simply required the contributor to check the appropriate box. A few assessment questions asked for written responses. A copy of the assessment questionnaire form is contained in Appendix A.

STATEWIDE ASSESSMENT — DATA COLLECTION EFFORT

The HSP targeted the assessment questions to groups representing interests involved in implementing on-the-ground Oregon Plan projects. These key stakeholder groups included 98 watershed councils, 45 SWCDs, 6 Resource Conservation and Development Councils (RC&Ds), and a number of other local groups having watershed restoration interests. In total, the HSP sought input from approximately 200 local groups.

The HSP distributed the assessment to local groups in April, 2002. By mid-June, 83 responses were received, about 42 percent of the total target group. The HSP received completed assessment questionnaire forms from each region: 10 from the North Coast; 14 from the Southwest; 20 from the Willamette Basin; 24 from Central Oregon; and 15 from Eastern Oregon. These do not reflect the actual number of participants. Some assessments were jointly completed by several groups or individuals. Therefore, a single completed assessment form could represent numerous interests including watershed councils, landowners, and SWCDs.

In addition, HSP members met with local stakeholders in each region to listen to their experiences, interests, and ideas regarding technical assistance. These discussions were held in Ontario, Pendleton, Redmond, Salem, Aurora, Gold Beach, and Seaside.

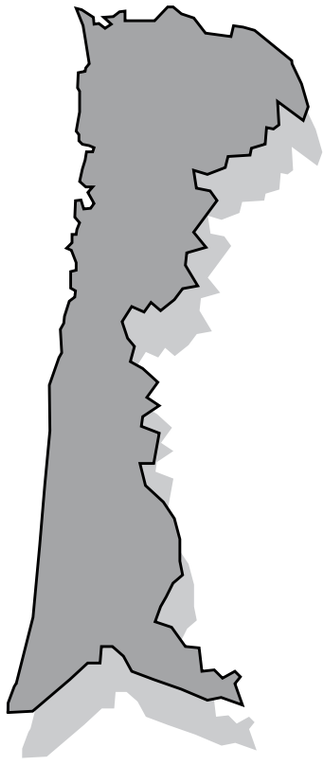


REGIONAL APPROACH

In developing a strategy to evaluate technical assistance needs, the HSP recognized that regionally there are different needs. Sources of private and public technical assistance vary by region. In addition, some areas have limited technical assistance resources spread out over greater distances than other parts of the state.

In order to reflect these differences, the HSP decided to organize the data for the report on a regional basis. The geographic regions used for the report are based on the five regions utilized by OWEB. For purposes of this report, the state is divided into the following regions: North Coast, Southwest Oregon, Willamette Basin, Central Oregon, and Eastern Oregon. Note: SWCD boundaries generally correspond to county lines and with county names. Exceptions are noted.

The HSP recognizes that sources of private and public technical assistance vary by region.



NORTH COAST

WATERSHED COUNCILS: 13

COUNTIES: All or part of 10 counties. All of Clatsop, Lincoln, and Tillamook; the majority of Columbia; partial sections of Benton, Douglas, Lane, Polk, Washington, and Yamhill.

SWCDs: All or part of 11 SWCDs. Lane County is split into the Siuslaw and East Lane districts. Douglas County is split into the Umpqua and Douglas districts. The Siuslaw SWCD is located entirely within the North Coast region. The Umpqua district barely reaches into the southern reaches of the region.

RC&Ds: Northwest Oregon RC&D, Cascade Pacific RC&D.

ECONOMIC BASE: Forest products, agriculture, fishing, tourism and recreation, manufacturing, and services/retail.

LAND OWNERSHIP/DISTRIBUTION/USE: Split fairly evenly three ways between private, state owned, and national forest. There are also smaller tracts of US Bureau of Land Management (BLM) lands.

SOUTHWEST OREGON

WATERSHED COUNCILS: 20

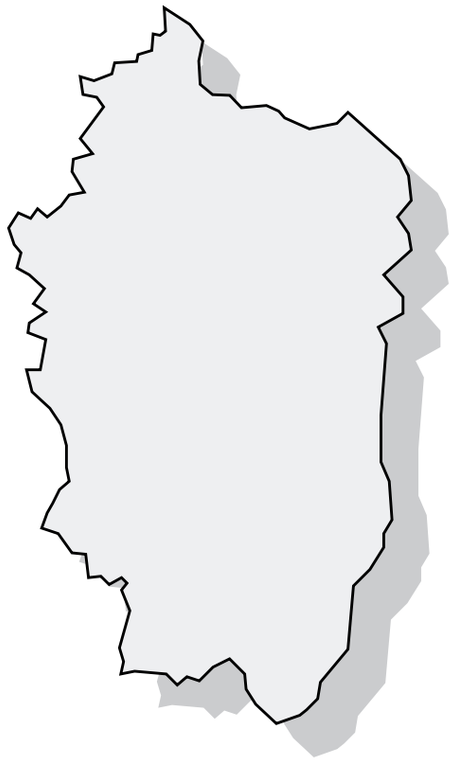
COUNTIES: All or part of seven counties. All of Coos, Curry, and Josephine; the majority of Douglas and Jackson; and small sections of Klamath and Lane.

SWCDs: All or part of nine SWCDs. Josephine County is divided between the Illinois Valley and Josephine districts. Douglas County is split into the Douglas and Umpqua districts.

RC&D: Southwest Oregon RC&D.

ECONOMIC BASE: Forest products, tourism and recreation, agriculture, fishing, shipping, mining, medical, and manufacturing.

LAND OWNERSHIP/ DISTRIBUTION: Private owners, BLM, and the US Forest Service (USFS) share equally large sections of this region of Oregon.



WILLAMETTE BASIN

WATERSHED COUNCILS: 28

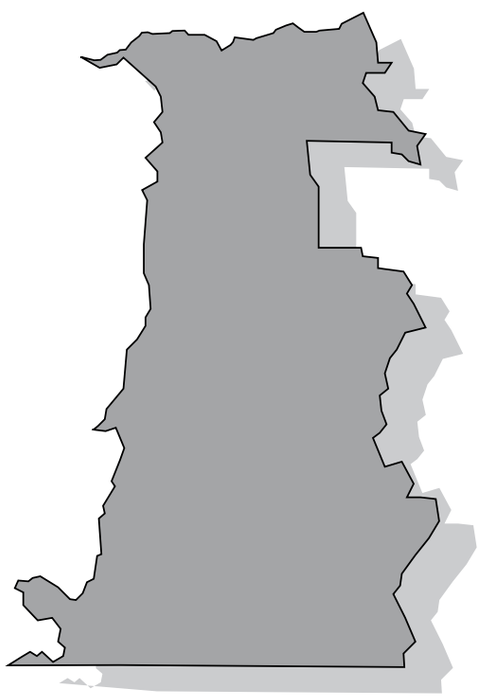
COUNTIES: All or part of 11 counties. All of Linn and Marion; the majority of Benton, Clackamas, Lane, Multnomah, Polk, Washington, and Yamhill; and small sections of Columbia and Douglas.

SWCDs: All or part of 12 SWCDs. Multnomah County is divided into East and West Multnomah districts; and Lane County is split into the Siuslaw and East Lane districts. The East Lane SWCD lies entirely within the Willamette region.

RC&D: Cascade-Pacific RC&D.

ECONOMIC BASE: Agriculture, forest products, manufacturing, higher education, tourism, high technologies/electronics, wineries, trucking/transportation, and food processing.

LAND OWNERSHIP/ DISTRIBUTION: The Willamette Valley is largely privately owned. The eastern portion that climbs into the Cascade mountain range is federally owned. Other minor landholdings include state-owned and federal lands managed by the BLM and the US Fish and Wildlife Service (USFWS).



CENTRAL OREGON

WATERSHED COUNCILS: 27

COUNTIES: All or part of 13 counties. All of Crook, Deschutes, Gilliam, Hood River, Jefferson, Sherman, and Wasco; the majority of Lake and Klamath; and small sections of Grant, Harney, Morrow, and Multnomah.

SWCDs: All or part of 16 SWCDs. Lake County is split into Lakeview and Fort Rock/Silver Lake districts; Multnomah is divided into East and West Multnomah districts. East Multnomah SWCD is located in the Central Oregon region area.

RC&D: WY'East RC&D.

ECONOMIC BASE: Agriculture, forest products, recreation, livestock, tourism, electric power, and manufacturing.

LAND OWNERSHIP/DISTRIBUTION: The majority of the Central Oregon region is divided between private, tribal, and federal ownership (primarily USFS).

EASTERN OREGON

WATERSHED COUNCILS: 10

COUNTIES: All or part of 11 counties. All of Baker, Malheur, Umatilla, Union, Wallowa, and Wheeler; the majority of Grant, Harney, and Morrow; and small sections of Crook and Lake.

SWCDs: All or part of 18 SWCDs. Baker County is divided into four districts — Baker Valley, Keating, Eagle Valley, and Burnt River. Grant County is split into Monument and Grant districts.

RC&D: Columbia-Blue Mt RC&D.

ECONOMIC BASE: Agriculture, forest products, livestock, recreation, utilities/power production, manufacturing, and food processing.

LAND OWNERSHIP/ DISTRIBUTION: The Eastern Oregon region is covered extensively by BLM, private, and national forest lands. Other areas include tribal and federal lands managed by the USFWS and US military.

III. REPORT FINDINGS

This section of the report summarizes significant data collected from the assessment. The highlighted information helps to illustrate the needs and obstacles Oregon Plan stakeholders face in obtaining technical assistance at a regional and local level. The data presented in this section also shows differences and similarities with respect to technical assistance issues between each region.

This section does not provide all data collected in the assessment. Instead, the report emphasizes information that was frequently cited in the assessment or significant in describing the issues unique to each region. For a comprehensive breakout of all the data collected for each region, see Appendix B.

This section is organized around the questions used in the HSP technical assistance assessment questionnaire form. Responses from each region will be noted and discussed.

QUESTION 1:

(a) What is your association with watershed restoration efforts; and

(b) What are your primary objectives for pursuing watershed restoration efforts?

This question was designed to gain an understanding of the variety of stakeholder interests represented by the people and groups who completed assessment forms. The second part to the question sought stakeholder input on the objectives for pursuing watershed restoration efforts. Six different objectives were listed. The following table lists the most frequently mentioned interests and objectives.

Region	Interests Represented (Question 1(a))	Objectives for pursuing watershed restoration efforts (Question 1(b))
North Coast	Agriculture, landowners, SWCDs, timber, and watershed councils.	Water quality, habitat restoration, and species recovery.
Southwest Oregon	Agriculture, landowners, SWCDs, timber, and watershed councils.	Sustainable management practices, water quality improvement, habitat restoration, species recovery, and production (e.g., agriculture, timber, cattle, etc.).
Willamette Basin	Agriculture, landowners, SWCDs, timber, and watershed councils.	Water quality improvement, habitat restoration, species recovery, and sustainable management practices.
Central Oregon	Agriculture, landowners, SWCDs, timber, and watershed councils.	Water quality improvement, habitat restoration, sustainable management practices, and production (e.g., agriculture, timber, cattle, etc.).
Eastern Oregon	Agriculture, landowners, SWCDs, timber, and watershed councils.	Sustainable management practices, avoid regulation, water quality improvement, habitat restoration, species recovery, and production (e.g., agriculture, timber, cattle, etc.).

The responses to the first part of this question indicate that the interested stakeholders represented by the data are essentially the same across the state. This information is consistent with the stakeholder groups the HSP targeted to complete the assessment. The primary stakeholder interests involved in completing the assessments include agriculture, SWCDs, watershed councils, and landowners.

Similarly, the answers in the second part of the question reveal many shared objectives for pursuing restoration projects. These include water quality improvements, habitat restoration, sustainable management practices, and species recovery.

QUESTION 2:

Rate your need for technical assistance from the following providers (low, medium, or high).

There are many different types of expertise that serve technical assistance needs. This question listed twelve commonly needed technical assistance providers, including fish biologist, wildlife biologist, hydrologist, geomorphologist, watershed planner, data collection analyst, water quality specialist, forester, engineer, project manager, facilitator, and grant writer. The types of expertise rated with the highest need in each region are listed in the following table.

Region	Types of technical assistance providers are needed?
North Coast	Engineers, fish biologists, geomorphologists, and hydrologists.
Southwest Oregon	Engineers, hydrologists, and watershed planners.
Willamette Basin	Engineers, fish biologists, hydrologists, and geomorphologists.
Central Oregon	Engineers, grant writers, and watershed planners.
Eastern Oregon	Engineers and grant writers.

The responses from each region indicate that all types of technical assistance providers are needed to some degree (see Appendix B). The needs vary in terms of the rankings of low, medium, and high. Engineering technical assistance providers consistently scored strongly as a high need in every region. Hydrologists also rated highly in most of the regions. A few types of technical assistance providers were notable for low need ratings. There was little interest in foresters or facilitators in any region. In addition, the Central Oregon region participants rated fish biologists as a low technical assistance provider need.

QUESTION 3:

In order to understand technical assistance needs in your area, indicate

(a) past use;

(b) current needs;

(c) rate level of current needs; and

(d) future needs

This question was designed to get a sense of past, current, and future technical assistance needs. The question also asked for an indication of whether current needs are of low, medium, or high importance. It set out 24 different types of technical assistance useful for organizational or project planning and implementation purposes. The table below focuses on technical assistance needs that registered high scores on past, current, and future needs categories.

Region	Specific Technical Assistance Needs
North Coast	Contracting, engineering design, erosion control, floodplain management, riparian plantings, and wetland improvement.
Southwest Oregon	Action planning, engineering design, fish screens/passage, grant writing, water conservation, and water quality improvement.
Willamette Basin	Engineering design, erosion control, grant writing, monitoring, and public outreach.
Central Oregon conservation,	Action planning, grant writing, project permitting, water and water quality improvements.
Eastern Oregon	Action planning, contracting, data collection, engineering design, synthesis and analysis, and water conservation.

Generally, the responses indicate similar scores between past, current, and future needs of technical assistance. The regional data reveals technical assistance needs that scored high for past uses tended to also score high in the current and future needs categories. However, interviews indicate that the technical assistance needs of specific local groups change over time. For example, early needs often involve organizational and planning assistance, while later needs center on project implementation expertise.

Several types of technical assistance needs appear to be increasing. For example, in the North Coast Region the future need for wildlife habitat technical assistance is three times greater than that identified for past and current needs. The Willamette Basin and Central Oregon regions show similar increases in need for land appraisal and acquisition technical assistance. The Central Oregon region also indicates a doubling from past to current technical assistance needs for floodplain, forestland, and project management.

The only notable decrease in technical assistance needs is for watershed assessment work in the North Coast and Willamette Basin.

QUESTION 4

If you received technical assistance in the past

(a) Was it difficult to obtain? If so, why?;

(b) For each type of technical assistance you have received in the past, what was its approximate cost to you?

The first part of this question sought to better understand the problems stakeholders have in obtaining technical assistance. The responses to the first part of this question were text-based.

There are a number of recurring issues identified in all regions. The most frequent response centers on the lack of local, state, and federal technical staff to provide needed assistance. Comments suggest that there is too much work for too few staff. Scheduling difficulties that occur due to different projects sharing similar work-window time frames compound this problem. Efforts to obtain technical assistance from governmental providers can be further complicated if the provider has different workload priorities.

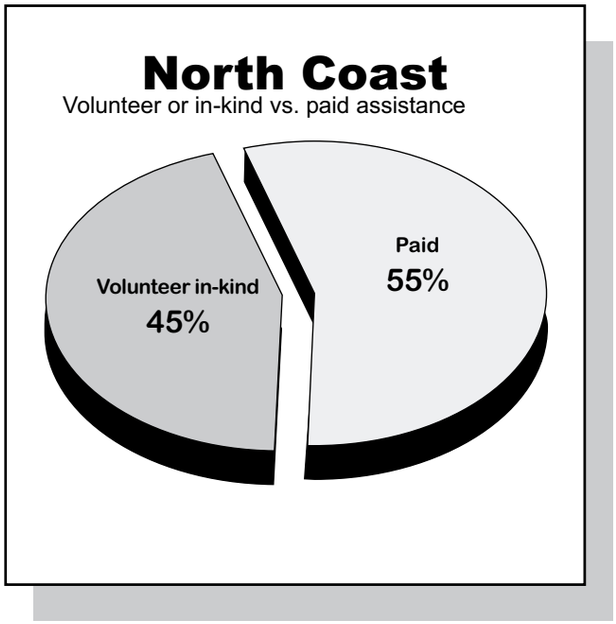
Some responses indicate a lack of private consultants and cost concerns for their assistance. One comment expresses frustration about the difficulty in getting experts to donate their time on projects. Other responses state the need to improve the efficiency and coordination of permitting processes to avoid unnecessary red tape and delays. Finally, some comments note the difficulty in hiring and keeping qualified staff because of relatively low pay and remote workplace locations.

The second part of the question asked for information about the cost of technical assistance for any past stakeholder projects that utilized any of the 24 types of technical assistance listed in Question 3. The assessment provided a wide range of choices, ranging from in-kind and volunteer assistance to cost increments starting at $5,000 or less to over $100,000. The following pie charts break the data down into two categories — technical assistance that had no cost (in-kind or volunteer) and all assistance with a cost.

The data shows stakeholders depend to a large degree on in-kind or volunteer technical assistance. In-kind assistance typically comes from local, state, or federal government sources. Some government providers,

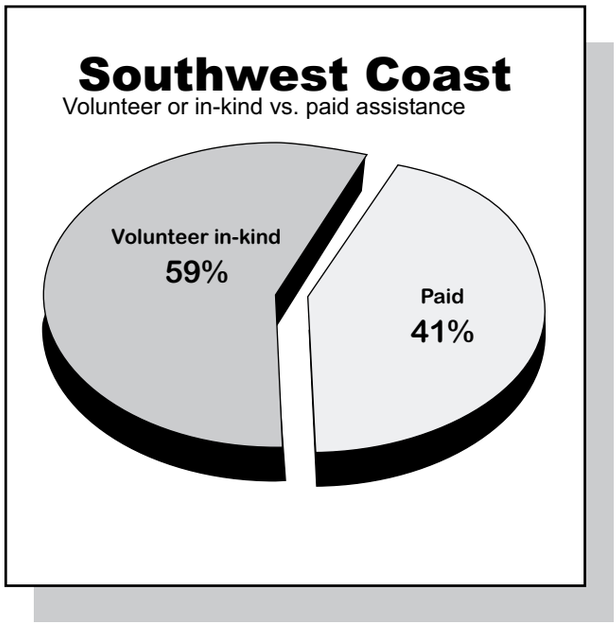
"Timelines of technical assistance is everything. Without it, landowners can lose motivation to take on restoration projects and there is a greater risk for problems to arise.

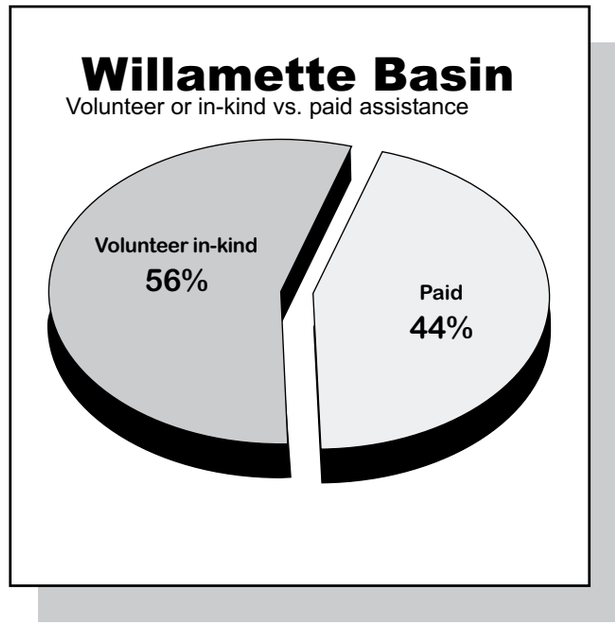
Walter Gayner, District Coordinator, Douglas SWCD

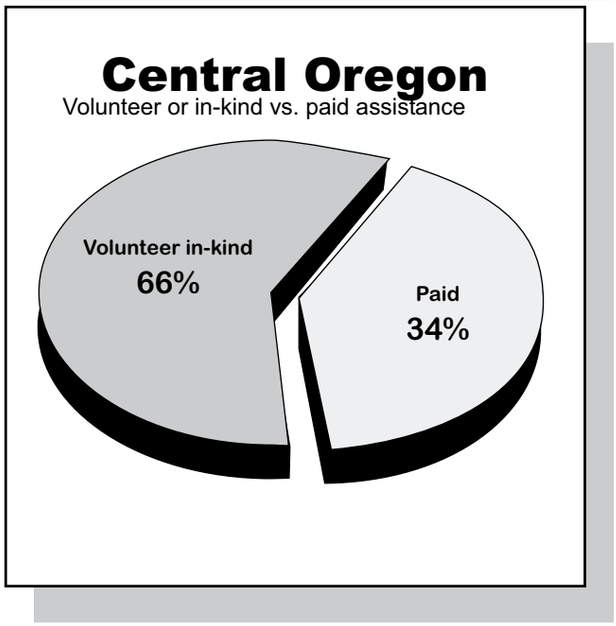


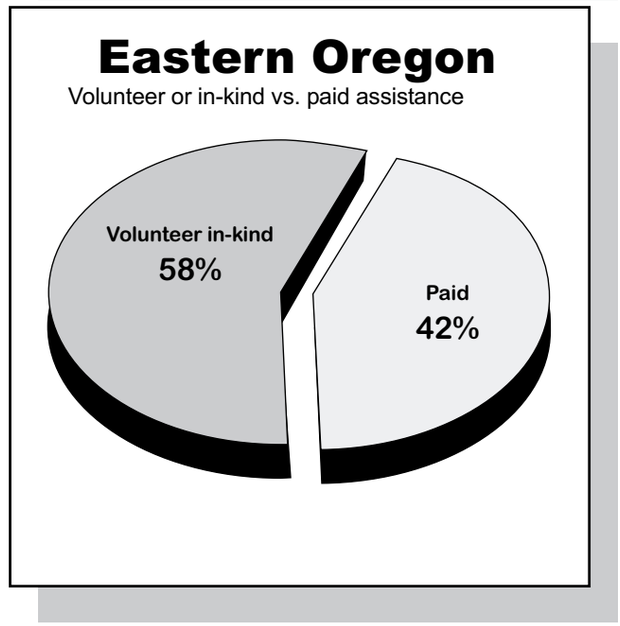
however, may require partial payment for their services through a cost-share arrangement. Private consultants generally require payment, unless their time is volunteered.

The Central Oregon region shows the greatest dependence on in-kind and volunteer assistance receiving 66 percent of the total stakeholder responses. In every region except the North Coast, responses indicate that over half of the past needs for technical assistance were met through in-kind or volunteer sources. Overall, the data suggests a notable reliance on no cost volunteer and in-kind technical assistance in each region.









QUESTION 5:

(a) From which providers have you received technical assistance?

(b) Did you pay for the assistance?

(c) Does the source of technical assistance still exist?

(d) Did the technical assistance work performed by the provider meet your needs? Rate your level of satisfaction as low, medium, or high.

(e) Was the assistance timely?

This question asked for the identification of technical assistance providers in each region. The question listed 26 different providers from local, state, and federal government, as well as private and volunteer sources. Based on the assessment results, the table below focuses on the primary providers identified in each region.

Region	Primary Tech. Assistance Providers	Level of Satisfaction for Primary Providers	Provider Source Still Exists
North Coast	NRCS, ODFW, OWEB, Extension Service, and volunteers.	High marks	Some losses in federal, state, and local providers.
Southwest Oregon	NRCS, ODFW, OWRD, and Extension Service.	Good marks	Some losses in state and local providers.
Willamette Basin	NRCS, DEQ, ODFW, SWCD, and Extension Service.	Good marks	Some losses in federal, state, local, and private providers.
Central Oregon	NRCS, ODFW, OWEB, SWCD, and Extension Service.	Good marks	Some losses in federal and local providers.
Eastern Oregon	NRCS, ODA, ODFW, OWRD, SWCD, and Extension Service.	High marks	Some losses in federal and local providers.

In all regions the data indicates a strong presence of the NRCS, ODFW, SWCDs, and the Extension Service. Generally, these primary providers tended to receive high marks for level of satisfaction and timeliness of assistance. Almost all of the 26 sources were involved to some extent in each region. See Appendix B for a complete list of the assessment results for this question.

It is worth noting responses that indicated some technical assistance provider sources that were utilized in the past are no longer available. The most striking example is in the Central Oregon region, where 21 of 24 responses acknowledged a loss in assistance from the US Bureau of Reclamation. All regions show some loss of technical assistance from either federal, state, local government, or private sources.

QUESTION 6:

In some parts of the state there are gaps between the need and availability of technical assistance. Please respond to the following questions:

(a) What are the technical assistance gaps in your area?

(b) Are there any current efforts to address those gaps?

(c) Are there any unrealized opportunities that could address those gaps?

This question offered an opportunity to describe the difficulties faced in obtaining technical assistance. Parts (b) and (c) asked stakeholders to share examples of current efforts and ideas on potential alternatives to improve the delivery of technical assistance locally.

"We are fortunate to have worked with good people. But more and more assistance will be needed. They [technical assistance providers] can quickly get overloaded. It can become a limiting factor for getting projects on the ground."

Maggie Peyton, Coordinator, Lower and Upper Nehalem Watershed Councils

NORTH COAST REGION

(A) GAPS: A number of problems are identified in the responses. These include: unavailability of staff of primary technical assistance agencies because they are located in adjoining counties; lack of grant writing expertise; no funding for outreach; lack of assistance due to workload problems and remote locations of projects; and need for better coordination of agency priorities.

(B) CURRENT EFFORTS: One current effort involves the development of a business plan to identify potential planning sources. Another response states efforts to obtain technical assistance funding are ongoing.

(C) UNREALIZED OPPORTUNITIES: One comment suggests looking into the use of local taxing authority to increase funding for technical assistance. Another idea proposes coordination with the NRCS to commit regularly scheduled days for staff to be in specific counties to provide more certainty for local access to staff.

SOUTHWEST OREGON REGION

(A) GAPS: Comments focus on the lack of certain types of technical assistance, including engineering, forestry, farm, and rural planning. Comments also center on lack of agency technical staff to meet workload demands. One response expresses concern over the loss of experienced personnel. Another states the need for better coordination among state agencies.

(B) CURRENT EFFORTS: A significant strategy to address technical assistance needs in the Rogue River basin has been in place since 1999. The Rogue Technical Assistance Team was created by agreement between the federal Southwest Oregon Provincial Interagency Executive Committee and the state Southwest Interagency Group to support watershed restoration work

"It is understandable when private landowners we work with are uneasy about spending their own money on project design technical assistance before they can apply for a grant. We need incentives to encourage landowners to undertake restoration projects."

Kim Hatfield, Coordinator, Johnson Creek Watershed Council

and monitoring. The team oversees coordination of a technical assistance pool that links specific expertise for project design, localized assessment, monitoring, and education to local needs. More detailed information on the Rogue technical assistance strategy is available at the website: www.restoretherogue.org/techteam/index.html.

(C) UNREALIZED OPPORTUNITIES: No comments directly addressed this question.

WILLAMETTE BASIN REGION

(A) GAPS: Responses focus on a lack of stable funding sources and staff for technical assistance. One comment identifies a service gap in Yamhill County for assistance from the Oregon Department of Forestry (ODF) and ODFW. Another response notes a lack of federal technical assistance because there are limited federal lands in the basin. Other comments express the need for better prioritization of projects, a lack of assistance for contracting and engineering, and insufficient attention to small acreage non-point source pollution.

(B) CURRENT EFFORTS: One stakeholder response points out that Marion SWCD acts as lead for all districts and councils on Bonneville Power Administration (BPA) grants for riparian plantings. Another comment mentions ongoing discussions with NRCS and the Farm Service Agency (FSA) to improve outreach for small acreage landowners.

A noteworthy effort is the formation of a technical assistance program to increase the capacity of region stakeholders to develop, fund, and implement watershed restoration actions through efficient provision of technical information and assistance. Developed by the Willamette Restoration Initiative (WRI), OWEB, and the Willamette and North Coast Provincial Interagency Executive Committee, the program is intended to act as a community resource for restoration activities by promoting coordinated and cooperative technical assistance. This effort also envisions the creation and use of a technical assistance pool of public and private experts to assist local groups. The WRI is lead entity on the project. More information on the Willamette Basin technical assistance program can be found at www.oregonwri.org.

A technical assistance tool with statewide application is being developed by For the Sake of the Salmon (FSOS), a regional organization operating in Oregon, Washington, and California. It assists watershed groups and their partners with their organizational and technical capacity.

FSOS is creating an on-line technical assistance directory that could benefit watershed groups throughout the state. The directory will include a technical assistance database designed to facilitate contacts between watershed groups and individuals needing technical assistance with firms, agencies, and individuals who have the technical expertise to assist with organizational needs and on-the-ground watershed restoration projects. Volunteer groups, watershed councils, SWCDs, local jurisdictions, state and federal agencies, and anyone looking for technical assistance will be able to use this directory to find experts ranging from grant writers and facilitators to geomorphologists and soils scientists. People or organizations utilizing the database may be charged full rates, reduced rates, or receive pro bono services from technical assistance providers. Supported by funding from OWEB, the directory was launched in October 2002. For more information, visit FSOS at www.4sos.org.

(C) UNREALIZED OPPORTUNITIES: One idea proposes the creation of a small-grant team through OWEB support to help fill technical assistance funding gaps for local projects. Another idea suggests additional funding must be generated locally because state funding is inadequate. A similar comment recommends the possible use of part of the SWCD tax base to fund technical assistance needs. Another response offers the idea of creating technical assistance cost-share opportunities for qualified small landowners.

CENTRAL OREGON REGION

(A) GAPS: Responses focus on continuing needs for technical assistance for engineering and private landowner farm planning. One concern cited the lack of funding and providers to meet demands for technical assistance. Another comment recommends more funding to hire people to implement projects since technical assistance grants do not allow staff hiring for extended periods. One comment suggests the need for more reliable work product from the private sector. Another response offers that due to divisive water issues, landowners do not trust natural resources professionals. A couple of comments focus on problems arising from slow permitting processes and excessive paperwork.

(B) CURRENT EFFORTS: One comment notes that a SWCD is trying to find funds to add staff. Another response suggests there is an effort to add an engineer to staff. There is hope that the NRCS will add technical staff resulting from the 2002 Farm Bill. Another stakeholder points to an effort to explore local tax funding opportunities.

(C) UNREALIZED OPPORTUNITIES: A response suggests that the state, through ODA, should have a conservation service similar to the NRCS system of providing assistance through SWCDs. Another comment states the need for an organized structure for accessing professional assistance.

EASTERN OREGON REGION

(A) GAPS: A number of responses focus on the need for more engineering, grant writing, and outreach assistance. Another comment suggests a need for project coordination for CREP. One response noted the difficulty in attracting qualified staff in rural counties at current salary levels.

(B) CURRENT EFFORTS: Several comments point to potential NRCS staff increases through the 2002 Farm Bill. Another response acknowledges ongoing efforts to seek funding to meet technical assistance needs.

(C) UNREALIZED OPPORTUNITIES: One comment suggests using BPA funds to assist with CREP coordination. Another comment proposes more assistance in project planning would be helpful.

"We have a bi-state technical work group of local, state, tribal, and federal experts. The group meets periodically to coordinate our actions on watershed issues. Through this process we hope to increase the efficiency and effectiveness of technical assistance delivery in our area."

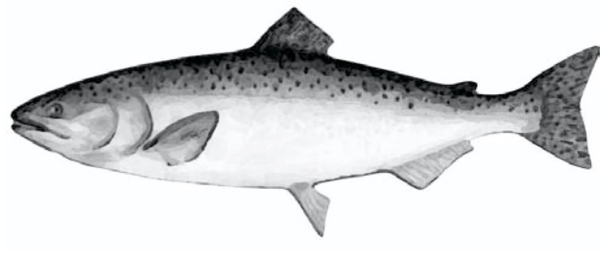
Brian Wolcott, Coordinator, Walla Walla Watershed Council

QUESTION 7:

Please indicate all restoration funding sources you have used that either exclusively funded technical assistance or funded technical assistance as a component of a restoration project.

This question listed seventeen sources of technical assistance funding from federal, state, local, and private entities. The table shows the funding sources that have been used the most in each region. Based on the data, OWEB and the NRCS clearly have a statewide presence as funding sources for technical assistance. SWCDs, DEQ, and ODFW also have strong regional involvement. See Appendix B for comprehensive regional data collected for this question.

Region	Top technical assistance funding sources
North Coast	DEQ, NRCS, and OWEB
Southwest Oregon	DEQ, NRCS, OWEB, and USFWS
Willamette Basin	NRCS, OWEB, and SWCDs
Central Oregon	NRCS, ODFW, OWEB, and SWCDs
Eastern Oregon	BPA, NRCS, ODFW, OWEB, and SWCDs



APPENDICES

Healthy Streams Partnership Technical Assistance Report Assessment Questions

April 18, 2002

The following assessment seeks information relating to technical assistance needs for restoration efforts associated with the objectives of the Oregon Plan for Salmon and Watersheds. For information about the Healthy Streams Partnership and the purpose of the technical assistance assessment, visit the HSP website at www.oregon-plan.org/hsp/index.html, or call (503) 378-3589, ext. 822.

1. Please indicate:

A. Where you live

City _____

County _____

Watershed _____

B. Your association with watershed restoration efforts: (check all that apply)

- Agriculture ☐
- Timber ☐
- Landowner ☐
- Watershed Council ☐
- Soil and Water Conservation District ☐
- Local government ☐
- State government ☐
- Tribes ☐
- Federal government ☐
- Other (please specify) ☐

C. Your primary objective for pursuing restoration efforts: (check all that apply)

- Production (agriculture, timber, cattle, etc.) ☐
- Sustainable management practices ☐
- Avoid regulation ☐
- Water quality improvement ☐
- Habitat restoration ☐
- Species recovery ☐
- All of the above ☐
- Other (please specify) ☐

2. Rate your need for technical assistance from the following providers: (Check all that apply)

	Low	Med	High		Low	Med	High
Fish Biologist	☐	☐	☐	Forester	☐	☐	☐
Wildlife Biologist	☐	☐	☐	Engineer	☐	☐	☐
Hydrologist	☐	☐	☐	Project Manager	☐	☐	☐
Geomorphologist	☐	☐	☐	Facilitatior	☐	☐	☐
Watershed Plans	☐	☐	☐	Grant Writer	☐	☐	☐
Data Collection Analyst	☐	☐	☐	Other	☐	☐	☐
Water Quality Specialist	☐	☐	☐	(please Identify)			

Please return your completed assessment form to the HSP before June 7, 2002. Directions on returning the assessment are located at the end of this form.

3. In order to understand technical assistance needs in your area, please indicate:
(a) Your past uses of technical assistance;
(b) Your current needs of technical assistance;
(c) Whether you consider your current needs to be of low, medium or high importance; and
(d) Your anticipated future needs

Please check all boxes that apply.

	(a) Past Use	(b) Current Needs	(c) IMPORTANCE Low	Med	High	(d) Future Needs
Organizational						
1. Action Planning	☐	☐	☐	☐	☐	☐
2. Contracting	☐	☐	☐	☐	☐	☐
3. Facilitation	☐	☐	☐	☐	☐	☐
4. Grant Writing	☐	☐	☐	☐	☐	☐
5. Organizational Development	☐	☐	☐	☐	☐	☐
6. Public Outreach	☐	☐	☐	☐	☐	☐
Project Planning and Implementation						
7. Data Collection, Synthesis and Analysis	☐	☐	☐	☐	☐	☐
8. Ecological Restoration	☐	☐	☐	☐	☐	☐
9. Engineering Design	☐	☐	☐	☐	☐	☐
10. Erosion Control	☐	☐	☐	☐	☐	☐
11. Farm Management	☐	☐	☐	☐	☐	☐
12. Fish Screens/Passage	☐	☐	☐	☐	☐	☐
13. Floodplain Management	☐	☐	☐	☐	☐	☐
14. Forestland Management	☐	☐	☐	☐	☐	☐
15. Instream Channel Habitat Construction	☐	☐	☐	☐	☐	☐
16. Land Appraisal and Acquisition	☐	☐	☐	☐	☐	☐
17. Land Management Planning	☐	☐	☐	☐	☐	☐
18. Monitoring	☐	☐	☐	☐	☐	☐
19. Project Management	☐	☐	☐	☐	☐	☐
20. Project Permitting	☐	☐	☐	☐	☐	☐
21. Research	☐	☐	☐	☐	☐	☐
22. Riparian Plantings	☐	☐	☐	☐	☐	☐
23. Technical Writing	☐	☐	☐	☐	☐	☐
24. Terrestrial Habitat Restoration	☐	☐	☐	☐	☐	☐
25. Water Conservation	☐	☐	☐	☐	☐	☐
26. Water Quality Improvements	☐	☐	☐	☐	☐	☐
27. Watershed Assessments	☐	☐	☐	☐	☐	☐
28. Wetland Improvement	☐	☐	☐	☐	☐	☐
29. Wildlife Habitat	☐	☐	☐	☐	☐	☐
30. Other: (Please Explain)	☐	☐	☐	☐	☐	☐

Please return your completed assessment form to the HSP before June 7, 2002. Directions on returning the assessment are located at the end of this form.

4. If you indicated past use of technical assistance for any of the items listed in question #3:

a. Was the technical assistance difficult to obtain? Yes ☐ No ☐
If so, why? (please explain)

b. For each type of technical assistance you have received in the past, what was its approximate cost to you?

	Volunteer or Inkind	0-5000	$5,000-20,000	$20,000-50,000	$50,000-100,000	$100,000 or more
Organizational						
1. Action Planning	☐	☐	☐	☐	☐	☐
2. Contracting	☐	☐	☐	☐	☐	☐
3. Facilitation	☐	☐	☐	☐	☐	☐
4. Grant Writing	☐	☐	☐	☐	☐	☐
5. Organizational Development	☐	☐	☐	☐	☐	☐
6. Public Outreach	☐	☐	☐	☐	☐	☐
Project Planning and Implementation						
7. Data Collection, Synthesis and Analysis	☐	☐	☐	☐	☐	☐
8. Ecological Restoration	☐	☐	☐	☐	☐	☐
9. Engineering Design	☐	☐	☐	☐	☐	☐
10. Erosion Control	☐	☐	☐	☐	☐	☐
11. Farm Management	☐	☐	☐	☐	☐	☐
12. Fish Screens/Passage	☐	☐	☐	☐	☐	☐
13. Floodplain Management	☐	☐	☐	☐	☐	☐
14. Forestland Management	☐	☐	☐	☐	☐	☐
15. Instream Channel Habitat Construction	☐	☐	☐	☐	☐	☐
16. Land Appraisal and Acquisition	☐	☐	☐	☐	☐	☐
17. Land Management Planning	☐	☐	☐	☐	☐	☐
18. Monitoring	☐	☐	☐	☐	☐	☐
19. Project Management	☐	☐	☐	☐	☐	☐
20. Project Permitting	☐	☐	☐	☐	☐	☐
21. Research	☐	☐	☐	☐	☐	☐
22. Riparian Plantings	☐	☐	☐	☐	☐	☐
23. Technical Writing	☐	☐	☐	☐	☐	☐
24. Terrestrial Habitat Restoration	☐	☐	☐	☐	☐	☐
25. Water Conservation	☐	☐	☐	☐	☐	☐
26. Water Quality Improvements	☐	☐	☐	☐	☐	☐
27. Watershed Assessments	☐	☐	☐	☐	☐	☐
28. Wetland Improvement	☐	☐	☐	☐	☐	☐
29. Wildlife Habitat	☐	☐	☐	☐	☐	☐
30. Other: (Please Explain)	☐	☐	☐	☐	☐	☐

Please return your completed assessment form to the HSP before June 7, 2002. Directions on returning the assessment are located at the end of this form.

5. Please answer the following questions by checking the appropriate box(es) below:

(a) From which of the following providers have you received technical assistance?
(b) Did you have to pay for the assistance?
(c) Does the source of technical assistance still exist?
(d) Did the technical assistance work performed by the provider meet your needs? Rate your level of satisfaction as Low, Medium, or High
(e) Was the assistance timely?

	(a) Rec'd Tech Asst	(b) Did you pay?	(c) Does source still exist?		(d) Level of satisfaction			(e) Was it timely?	
Federal Government			Yes	No	Low	Med	High	Yes	No
US Forest Service	☐	☐	☐	☐	☐	☐	☐	☐	☐
Bureau of Land Management	☐	☐	☐	☐	☐	☐	☐	☐	☐
US Fish and Wildlife Service	☐	☐	☐	☐	☐	☐	☐	☐	☐
Bureau of Reclamation	☐	☐	☐	☐	☐	☐	☐	☐	☐
US Geological Survey	☐	☐	☐	☐	☐	☐	☐	☐	☐
National Marine Fisheries Service	☐	☐	☐	☐	☐	☐	☐	☐	☐
National Resources Conservation Service	☐	☐	☐	☐	☐	☐	☐	☐	☐
Environmental Protection Agency	☐	☐	☐	☐	☐	☐	☐	☐	☐
US Army Corps of Engineers	☐	☐	☐	☐	☐	☐	☐	☐	☐
Other (please specify)	☐	☐	☐	☐	☐	☐	☐	☐	☐
State Government									
Department of Forestry	☐	☐	☐	☐	☐	☐	☐	☐	☐
Department of Agriculture	☐	☐	☐	☐	☐	☐	☐	☐	☐
Department of Fish and Wildlife	☐	☐	☐	☐	☐	☐	☐	☐	☐
Department of Environmental Quality	☐	☐	☐	☐	☐	☐	☐	☐	☐
Water Resources Department	☐	☐	☐	☐	☐	☐	☐	☐	☐
Division of State Lands	☐	☐	☐	☐	☐	☐	☐	☐	☐
Higher Education (OSU, UO, Other)	☐	☐	☐	☐	☐	☐	☐	☐	☐
Oregon Watershed Enhancement Board	☐	☐	☐	☐	☐	☐	☐	☐	☐
Other (please specify)	☐	☐	☐	☐	☐	☐	☐	☐	☐
Local Government									
Soil and Water Conservation Districts	☐	☐	☐	☐	☐	☐	☐	☐	☐
Municipalities	☐	☐	☐	☐	☐	☐	☐	☐	☐
Counties	☐	☐	☐	☐	☐	☐	☐	☐	☐
Resource Conservation and Development Councils	☐	☐	☐	☐	☐	☐	☐	☐	☐
Watershed Councils	☐	☐	☐	☐	☐	☐	☐	☐	☐
Extension Service	☐	☐	☐	☐	☐	☐	☐	☐	☐
Other (please specify)	☐	☐	☐	☐	☐	☐	☐	☐	☐
Private									
Consultants	☐	☐	☐	☐	☐	☐	☐	☐	☐
Non-Profit Organizations	☐	☐	☐	☐	☐	☐	☐	☐	☐
Volunteers	☐	☐	☐	☐	☐	☐	☐	☐	☐
Other (please explain)	☐	☐	☐	☐	☐	☐	☐	☐	☐

Please return your completed assessment form to the HSP before June 7, 2002. Directions on returning the assessment are located at the end of this form.

6. In some parts of the state there are gaps between the need and availability of technical assistance. Please respond to the following questions:

a. What are the gaps in your area?

b. Are there any current efforts to address those gaps?

c. Are there any unrealized opportunities that could address those gaps?

7. Please indicate all technical assistance funding sources you have used to date.

Federal

- ☐ Bonneville Power Administration
- ☐ Northwest Power Planning Council
- ☐ US Fish and Wildlife Service
- ☐ Environmental Protection Agency
- ☐ US Forest Service
- ☐ Bureau of Reclamation
- ☐ US Army Corps of Engineers
- ☐ US Geological Survey
- ☐ Bureau of Land Management
- ☐ Natural Resources Conservation Service
- ☐ Other (please specify)_____

State

- ☐ Oregon Watershed Enhancement Board
- ☐ Oregon Dept of Environmental Quality
- ☐ Oregon Dept of Fish and Wildlife
- ☐ Oregon Dept of Forestry
- ☐ Other (please specify)_____

Local

- ☐ SWCD
- ☐ Other (please specify)_____

Private

- ☐ Consultants
- ☐ Non-profits and Foundations
- ☐ Other (please specify)_____

Please return your completed assessment form to the HSP before June 7, 2002. Directions on returning the assessment are located at the end of this form.

Optional Information (no information provided in this section shall be included in the HSP report)

Would you be willing to participate in a follow-up interview? If so, how can we reach you?

Name_____

Telephone_____

E-Mail_____

****Please complete the assessment form and return it to the HSP by June 7, 2002.****

Completed forms may be returned in the following ways:

Via email: forrest.carmichael@state.or.us
Via fax: (503) 378-3225
Via the HSP website: http://www.oregon-plan.org/hsp/index.html
Via regular mail: Healthy Streams Partnership
c/o Forrest Carmichael
900 Court Street, Suite 160
Salem, OR 97301-4047

Please return your completed assessment form to the HSP before June 7, 2002. Directions on returning the assessment are located at the end of this form.

APPENDIX B

HSP REPORT ON TECHNICAL ASSISTANCE AND THE OREGON PLAN FOR SALMON AND WATERSHEDS

COMPREHENSIVE ASSESSMENT DATA

Question 1 - All Regions

Please indicate your association with watershed restoration efforts:

	N. Coast	*SW Oregon*	*Willamette*	*Central*	*Eastern*
Agriculture	5	10	7	20	11
Timber	3	8	5	13	6
Landowner	5	10	8	21	8
Watershed Council	8	13	10	20	11
Soil and Water Conservation District	8	10	11	22	11
Local government	4	5	4	12	9
State government	3	5	3	8	8
Tribes	1	1	1	4	3
Federal government	3	6	1	8	7
Other (*see text below)	0	1	0	2	0

**** SW Oregon: SB 1010 Adviser***

**** Central Oregon: Irrigation Districts; Little Butte & Bear Creek water management project***

Please indicate your primary objective for pursuing restoration efforts:

	N. Coast	*SW Oregon*	*Willamette*	*Central*	*Eastern*
Production (agriculture, timber, cattle, etc)	5	11	14	25	9
Sustainable management practices	8	13	17	23	10
Avoid regulation	7	9	13	18	9
Water quality improvement	10	12	19	24	10
Habitat restoration	9	12	19	24	10
Species recovery	9	10	17	18	9
All of the above	4	8	12	15	11
Other (*see text below)	0	0	0	1	0

**** Central Oregon: Weed Control***

The data contained in this table reflects the total number of responses to each part of the question as compiled from the replies to HSP's Technical Assistance Assessment questionnaire.

Question 2 - All Regions

2. Rate your need for technical assistance from the following providers:

	North Coast			*Southwest*			*Willamette*		
	Low	Medium	High	Low	Medium	High	Low	Medium	High
Fish Biologist	1	3	5	2	6	4	3	4	10
Wildlife Biologist	2	6	1	4	5	3	2	7	5
Hydrologist	2	1	7	1	6	6	4	6	8
Geomorphologist	1	1	8	1	7	5	3	3	8
Watershed Plans	3	5	1	2	4	7	4	5	4
Data Collection Analyst	4	4	1	4	8	1	6	2	4
Water Quality Specialist	1	2	5	3	6	4	4	6	5
Forester	3	3	2	4	7	2	5	5	1
Engineer	1	5	4	2	4	8	0	8	9
Project Manager	3	3	4	5	4	4	2	6	3
Facilitator	3	4	0	6	6	1	3	5	2
Grant Writer	3	4	3	3	7	4	5	4	4
Other (*see text below)	0	0	1	0	0	0	0	0	0

**** North Coast: Easement acquisition specialist***

	Central			*Eastern*		
	Low	Medium	High	Low	Medium	High
Fish Biologist	11	5	5	6	1	2
Wildlife Biologist	4	12	5	3	5	1
Hydrologist	4	9	8	2	6	1
Geomorphologist	7	6	2	5	3	1
Watershed Plans	4	3	14	1	4	4
Data Collection Analyst	4	6	8	1	2	5
Water Quality Specialist	6	8	8	2	3	3
Forester	8	4	5	4	4	0
Engineer	2	6	15	1	1	9
Project Manager	2	10	7	2	3	4
Facilitator	5	5	6	1	6	1
Grant Writer	3	6	12	1	1	7
Other (*see text below)	0	0	1	0	0	0

* Central Oregon: Conservation Planner

The data contained in this table reflects the total number of responses to each part of the question as compiled from the replies to HSP's Technical Assistance Assessment questionnaire.

Question 3 - North Coast

3. In order to understand technical assistance needs in your area, please indicate:

a. Your **past uses** of technical assistance;
b. Your **current needs** of technical assistance;
c. Whether you consider your current needs to be of **low, medium or high** importance;
d. Your anticipated **future needs**

Organizational	**Past Uses**	**Current Needs**	**Low**	**Med**	**High**	**Future Needs**
1. Action Planning	5	7	1	4	3	5
2. Contracting	7	7	2	3	4	9
3. Facilitation	5	5	4	1	1	5
4. Grant Writing	8	8	1	3	5	8
5. Organizational Development	6	5	1	5	0	6
6. Public Outreach	8	8	2	3	4	8

Project Planning and Implementation						
1. Data Collection, Synthesis and Analysis	6	7	0	2	5	8
2. Ecological Restoration	6	8	1	2	5	7
3. Engineering Design	7	9	0	4	5	9
4. Erosion Control	9	8	3	6	1	9
5. Farm Management	7	7	3	2	2	7
6. Fish Screens/Passage	6	8	1	2	5	8
7. Floodplain Management	7	6	1	2	5	9
8. Forestland Management	4	6	1	4	2	7
9. Instream Channel Habitat Construction	5	7	1	2	3	3
10. Land Appraisal and Acquisition	4	5	0	2	4	6
11. Land Management Planning	4	6	0	2	4	6
12. Monitoring	8	7	1	4	4	8
13. Project Management	4	7	2	2	3	7
14. Project Permitting	8	5	2	1	5	7
15. Research	5	5	3	2	0	6
16. Riparian Plantings	9	9	4	2	4	9
17. Technical Writing	3	3	3	2	0	4
18. Terrestrial Habitat Restoration	2	2	1	2	0	6
19. Water Conservation	5	7	0	5	2	7
20. Water Quality Improvements	7	7	1	1	6	8
21. Watershed Assessments	8	7	2	2	2	5
22. Wetland Improvement	7	7	1	4	5	9
23. Wildlife Habitat	2	2	0	3	2	6
24. Other	0	0	0	0	0	0

The data contained in this table reflects the total number of responses to each part of the question as compiled from the replies to HSP's Technical Assistance Assessment questionnaire.

COMPREHENSIVE ASSESSMENT DATA

Question 3 - Southwest

3. In order to understand technical assistance needs in your area, please indicate:

a. Your **past uses** of technical assistance;
b. Your **current needs** of technical assistance;
c. Whether you consider your current needs to be of **low, medium or high** importance;
d. Your anticipated **future needs**

Organizational	**Past Uses**	**Current Needs**	**Low**	**Med**	**High**	**Future Needs**
1. Action Planning	6	6	0	3	6	10
2. Contracting	5	7	2	3	5	5
3. Facilitation	3	3	2	1	3	5
4. Grant Writing	5	7	2	3	5	9
5. Organizational Development	3	5	0	2	4	5
6. Public Outreach	5	8	0	4	5	8
Project Planning and Implementation						
1. Data Collection, Synthesis and Analysis	3	7	1	1	6	6
2. Ecological Restoration	4	6	1	2	3	4
3. Engineering Design	9	9	0	2	7	8
4. Erosion Control	8	9	0	3	6	7
5. Farm Management	7	7	3	2	3	5
6. Fish Screens/Passage	9	10	0	3	7	10
7. Floodplain Management	3	6	0	1	5	5
8. Forestland Management	6	9	1	3	5	7
9. Instream Channel Habitat Construction	5	6	1	1	5	5
10. Land Appraisal and Acquisition	2	4	4	1	2	4
11. Land Management Planning	5	7	2	2	4	6
12. Monitoring	8	9	0	1	8	8
13. Project Management	6	6	0	1	5	6
14. Project Permitting	7	8	2	2	5	5
15. Research	3	4	2	0	3	3
16. Riparian Plantings	7	8	0	3	5	8
17. Technical Writing	5	5	2	1	2	4
18. Terrestrial Habitat Restoration	4	4	2	2	3	5
19. Water Conservation	8	10	1	2	6	8
20. Water Quality Improvements	9	11	1	1	8	9
21. Watershed Assessments	4	6	0	2	4	5
22. Wetland Improvement	6	8	1	2	7	7
23. Wildlife Habitat	3	4	1	3	2	5
24. Other (*see text below)	1	0	0	0	0	1

**** Water storage capability and water quality capability***

The data contained in this table reflects the total number of responses to each part of the question as compiled from the replies to HSP's Technical Assistance Assessment questionnaire.

COMPREHENSIVE ASSESSMENT DATA

Question 3 - Willamette

3. In order to understand technical assistance needs in your area, please indicate:

a. Your **past uses** of technical assistance;
b. Your **current needs** of technical assistance;
c. Whether you consider your current needs to be of **low, medium or high** importance;
d. Your anticipated **future needs**

Organizational	**Past Uses**	**Current Needs**	**Low**	**Med**	**High**	**Future Needs**
1. Action Planning	10	7	2	2	11	11
2. Contracting	9	9	2	8	6	10
3. Facilitation	11	10	1	7	5	8
4. Grant Writing	9	15	2	3	12	14
5. Organizational Development	10	11	2	5	8	10
6. Public Outreach	9	15	1	3	13	14
Project Planning and Implementation						
1. Data Collection, Synthesis and Analysis	7	9	4	3	5	10
2. Ecological Restoration	11	12	3	5	9	13
3. Engineering Design	12	14	3	6	9	15
4. Erosion Control	11	14	4	2	12	15
5. Farm Management	9	11	7	2	7	12
6. Fish Screens/Passage	8	12	4	3	10	13
7. Floodplain Management	6	7	5	4	6	10
8. Forestland Management	5	6	4	7	2	9
9. Instream Channel Habitat Construction	8	9	4	5	4	12
10. Land Appraisal and Acquisition	1	2	5	1	2	6
11. Land Management Planning	7	6	6	2	6	10
12. Monitoring	11	12	4	5	8	15
13. Project Management	10	10	3	5	6	11
14. Project Permitting	10	9	5	4	4	11
15. Research	4	3	7	1	1	5
16. Riparian Plantings	10	12	1	4	11	13
17. Technical Writing	6	6	4	4	3	7
18. Terrestrial Habitat Restoration	7	9	3	7	5	10
19. Water Conservation	8	10	3	4	7	11
20. Water Quality Improvements	11	13	1	0	15	12
21. Watershed Assessments	10	6	3	5	5	6
22. Wetland Improvement	11	11	5	5	6	9
23. Wildlife Habitat	10	12	3	8	6	11
24. Other (*see text below)	1	1	1	0	1	1

**** GIS***

The data contained in this table reflects the total number of responses to each part of the question as compiled from the replies to HSP's Technical Assistance Assessment questionnaire.

COMPREHENSIVE ASSESSMENT DATA

Question 3 - Central

3. In order to understand technical assistance needs in your area, please indicate:

a. Your **past uses** of technical assistance;
b. Your **current needs** of technical assistance;
c. Whether you consider your current needs to be of **low, medium or high** importance;
d. Your anticipated **future needs**

Organizational	**Past Uses**	**Current Needs**	**Low**	**Med**	**High**	**Future Needs**
1. Action Planning	12	14	1	4	16	17
2. Contracting	10	11	4	8	5	11
3. Facilitation	9	10	7	4	5	9
4. Grant Writing	11	18	0	3	19	17
5. Organizational Development	10	11	0	9	8	8
6. Public Outreach	7	12	1	4	10	14
Project Planning and Implementation						
1. Data Collection, Synthesis and Analysis	9	15	2	7	9	14
2. Ecological Restoration	7	12	13	7	8	11
3. Engineering Design	12	12	1	5	16	16
4. Erosion Control	14	15	3	1	15	16
5. Farm Management	10	14	2	6	9	12
6. Fish Screens/Passage	7	11	4	3	11	11
7. Floodplain Management	5	11	4	5	7	11
8. Forestland Management	5	11	2	8	5	10
9. Instream Channel Habitat Construction	8	9	4	3	9	13
10. Land Appraisal and Acquisition	1	5	9	2	2	5
11. Land Management Planning	10	14	0	10	7	15
12. Monitoring	10	16	3	5	12	12
13. Project Management	8	16	2	5	11	16
14. Project Permitting	11	18	4	4	12	17
15. Research	5	11	2	4	10	12
16. Riparian Plantings	13	11	5	4	9	12
17. Technical Writing	8	13	5	6	7	13
18. Terrestrial Habitat Restoration	4	8	6	5	4	6
19. Water Conservation	10	17	0	2	17	17
20. Water Quality Improvements	11	17	1	5	13	17
21. Watershed Assessments	9	17	0	4	13	15
22. Wetland Improvement	6	10	5	7	3	10
23. Wildlife Habitat	11	15	3	7	8	14
24. Other (*see text below)	1	1	0	0	1	1

**** WE Laboratory Analyses***

The data contained in this table reflects the total number of responses to each part of the question as compiled from the replies to HSP's Technical Assistance Assessment questionnaire.

COMPREHENSIVE ASSESSMENT DATA

Question 3 - Eastern

3. In order to understand technical assistance needs in your area, please indicate:

a. Your **past uses** of technical assistance;
b. Your **current needs** of technical assistance;
c. Whether you consider your current needs to be of **low, medium or high** importance;
d. Your anticipated **future needs**

Organizational	**Past Uses**	**Current Needs**	**Low**	**Med**	**High**	**Future Needs**
1. Action Planning	7	10	1	5	6	9
2. Contracting	7	12	0	9	4	9
3. Facilitation	6	7	3	4	3	6
4. Grant Writing	10	11	0	3	7	8
5. Organizational Development	6	5	3	3	2	5
6. Public Outreach	5	10	0	2	8	5

Project Planning and Implementation						
1. Data Collection, Synthesis and Analysis	7	11	0	2	9	10
2. Ecological Restoration	6	6	1	4	2	5
3. Engineering Design	9	13	0	0	14	12
4. Erosion Control	10	10	0	3	8	8
5. Farm Management	6	8	2	7	3	6
6. Fish Screens/Passage	7	7	3	4	4	7
7. Floodplain Management	6	8	3	4	2	5
8. Forestland Management	5	5	3	3	1	4
9. Instream Channel Habitat Construction	7	5	2	6	2	5
10. Land Appraisal and Acquisition	2	1	4	0	1	3
11. Land Management Planning	7	6	1	4	2	8
12. Monitoring	11	10	0	2	8	8
13. Project Management	7	10	2	3	6	8
14. Project Permitting	7	9	2	2	7	7
15. Research	2	5	2	3	2	5
16. Riparian Plantings	10	10	1	7	3	7
17. Technical Writing	5	3	4	1	2	3
18. Terrestrial Habitat Restoration	3	3	2	3	0	3
19. Water Conservation	12	13	0	4	10	10
20. Water Quality Improvements	9	10	0	5	6	8
21. Watershed Assessments	8	9	0	6	7	7
22. Wetland Improvement	3	5	3	2	3	4
23. Wildlife Habitat	4	7	3	4	1	5
24. Other	0	1	0	0	1	1

The data contained in this table reflects the total number of responses to each part of the question as compiled from the replies to HSP's Technical Assistance Assessment questionnaire.

APPENDIX B

HSP REPORT ON TECHNICAL ASSISTANCE AND THE OREGON PLAN FOR SALMON AND WATERSHEDS

COMPREHENSIVE ASSESSMENT DATA

Question 4 - North Coast

4. If you indicated past use of technical assistance for any of the items listed in question #3:

a. Was the technical assistance difficult to obtain?	**YES**	*5
	NO	4

If yes, please explain:
**** Varied in degree of difficulty***
**** Rural setting***
**** Lack funds to pay for projects being done by agencies, legislative funding not getting to staff for project design***
**** Limited by funds, local firms, and one ODFW fish passage engineer available in area***
**** Have had great response from ODFW, USFS, Private timber, and paid consultants***
**** Agencies that have tech assistance have own technical assistance priorities***

b. For each type of technical assistance you have received in the past, what was its approximate cost to you?

Organizational	**In-kind or Volunteer**	**$0-$5000**	**$5000-$20000**	**$20,000-$50,000**	**$50,000-$100,000**	**$100,000 or more**
1. Action Planning	2	3	0	1	0	1
2. Contracting	4	2	0	1	0	0
3. Facilitation	3	1	2	0	0	0
4. Grant Writing	5	3	2	0	0	0
5. Organizational Development	4	1	2	0	0	0

Project Planning and Implementation

1. Data Collection, Synthesis and Analysis	3	1	1	1	0	1
2. Ecological Restoration	2	1	0	2	0	1
3. Engineering Design	6	0	2	3	0	0
4. Erosion Control	4	2	1	2	0	0
5. Farm Management	3	1	1	1	0	0
6. Fish Screens/Passage	3	1	2	2	1	0
7. Floodplain Management	6	0	0	1	0	0
8. Forestland Management	2	1	0	0	0	0
9. Instream Channel Habitat Construction	1	1	0	2	1	0
10. Land Appraisal and Acquisition	1	0	1	0	0	1
11. Land Management Planning	0	1	0	2	0	0
12. Monitoring	4	1	2	0	0	1
13. Project Management	0	0	1	2	1	0
14. Project Permitting	5	3	0	0	0	0
15. Research	2	0	2	0	1	0
16. Riparian Plantings	3	2	1	0	0	2
17. Technical Writing	1	2	0	0	0	0
18. Terrestrial Habitat Restoration	1	0	1	0	0	0
19. Water Conservation	2	2	1	0	0	0
20. Water Quality Improvements	5	2	1	0	0	1
21. Watershed Assessments	2	0	1	1	2	1
22. Wetland Improvement	3	1	1	1	1	0
23. Wildlife Habitat	1	0	1	1	0	0
24. Other	0	0	0	0	0	0
Totals	78	32	26	23	7	9

The data contained in this table reflects the total number of responses to each part of the question as compiled from the replies to HSP's Technical Assistance Assessment questionnaire.

APPENDIX B

HSP REPORT ON TECHNICAL ASSISTANCE AND THE OREGON PLAN FOR SALMON AND WATERSHEDS

COMPREHENSIVE ASSESSMENT DATA

Question 4 - Southwest

4. If you indicated past use of technical assistance for any of the items listed in question #3:

a. Was the technical assistance difficult to obtain?	YES	*5
	NO	8

If yes, please explain:
- ***Very time consuming***
- ***Too broad of question, agencies need to work togther and improve permitting process***
- ***State and federal agencies don't have the staff to match the workload***
- ***Low staffing levels***
- ***Capable people are able to stay busy***
- ***Availability of people, tools and funds***

b. For each type of technical assistance you have received in the past, what was its approximate cost to you?

Organizational	In-kind or Volunteer	$0-$5000	$5000-$20000	$20,000-$50,000	$50,000-$100,000	$100,000 or more
1. Action Planning	5	0	0	0	0	0
2. Contracting	3	0	0	0	1	0
3. Facilitation	2	1	0	0	0	0
4. Grant Writing	4	1	0	0	0	0
5. Organizational Development	2	0	0	0	0	0
6. Public Outreach	3	1	0	0	0	0
Project Planning and Implementation						
1. Data Collection, Synthesis and Analysis	2	0	0	0	0	0
2. Ecological Restoration	3	0	0	0	0	0
3. Engineering Design	4	1	2	0	1	0
4. Erosion Control	3	2	0	0	0	1
5. Farm Management	3	2	1	0	0	0
6. Fish Screens/Passage	6	1	0	0	0	0
7. Floodplain Management	2	0	0	0	0	0
8. Forestland Management	3	0	0	1	0	0
9. Instream Channel Habitat Construction	1	0	0	1	0	1
10. Land Appraisal and Acquisition	0	0	0	1	0	0
11. Land Management Planning	1	0	0	0	0	0
12. Monitoring	4	2	0	0	1	0
13. Project Management	1	0	1	1	1	0
14. Project Permitting	3	3	0	0	0	0
15. Research	0	0	0	0	1	0
16. Riparian Plantings	2	2	1	0	0	0
17. Technical Writing	1	1	1	0	0	0
18. Terrestrial Habitat Restoration	2	0	0	0	0	0
19. Water Conservation	2	2	0	1	0	2
20. Water Quality Improvements	4	1	0	0	0	1
21. Watershed Assessments	2	0	0	0	1	0
22. Wetland Improvement	4	1	0	0	0	0
23. Wildlife Habitat	0	0	1	0	0	0
*24. Other (*see text below)*	1	0	1	0	0	0
Totals	73	21	8	5	6	5

**** Wildfire, GIS***

The data contained in this table reflects the total number of responses to each part of the question as compiled from the replies to HSP's Technical Assistance Assessment questionnaire.

APPENDIX B

HSP REPORT ON TECHNICAL ASSISTANCE AND THE OREGON PLAN FOR SALMON AND WATERSHEDS

COMPREHENSIVE ASSESSMENT DATA

Question 4 - Willamette

4. If you indicated past use of technical assistance for any of the items listed in question #3:

a. Was the technical assistance difficult to obtain?	YES	*9
	NO	6

If yes, please explain:

- *Time constraints on agency staff*
- *Scheduling conflicts, lack of funding*
- *Contract for $25,000 had inadequate staff; tech info/cost hard to get*
- *People want to be paid for their expertise; if their time is free to us, then the time and attention they give is limited*
- *Not enough expertise for outreach conservation planning & implementation*
- *Consultant services are costly; Engineering design very high*
- *Agency staff spread thin and may not be located in Yamhill County; difficult to have site visits*
- *Agencies responsible failing to perform duties*

b. For each type of technical assistance you have received in the past, what was its approximate cost to you?

Organizational	In-kind or Volunteer	$0-$5000	$5000-$20000	$20,000-$50,000	$50,000-$100,000	$100,000 or more
1. Action Planning	8	0	0	4	1	0
2. Contracting	3	3	0	0	1	1
3. Facilitation	9	4	3	0	0	0
4. Grant Writing	4	3	2	0	0	0
5. Organizational Development	6	4	3	0	0	0
6. Public Outreach	5	3	3	1	0	0

Project Planning and Implementation						
1. Data Collection, Synthesis and Analysis	5	3	1	1	1	0
2. Ecological Restoration	4	1	2	1	0	0
3. Engineering Design	5	0	3	1	0	0
4. Erosion Control	7	1	1	1	0	0
5. Farm Management	5	0	1	2	0	0
6. Fish Screens/Passage	5	0	1	2	0	0
7. Floodplain Management	4	0	2	0	0	0
8. Forestland Management	2	1	0	1	0	0
9. Instream Channel Habitat Construction	2	1	0	1	0	0
10. Land Appraisal and Acquisition	2	0	0	0	0	0
11. Land Management Planning	3	0	0	0	0	0
12. Monitoring	8	2	0	0	0	0
13. Project Management	3	2	2	0	1	0
14. Project Permitting	5	4	1	0	0	0
15. Research	2	0	1	0	0	0
16. Riparian Plantings	7	3	1	1	0	0
17. Technical Writing	1	2	1	0	0	0
18. Terrestrial Habitat Restoration	1	1	0	0	0	0
19. Water Conservation	2	1	1	0	0	0
20. Water Quality Improvements	6	0	1	1	0	0
21. Watershed Assessments	4	2	1	0	0	2
22. Wetland Improvement	5	1	1	1	0	0
23. Wildlife Habitat	4	0	1	1	0	0
*24. Other (*see text below)*	1	0	1	0	0	0
Totals	128	42	34	19	4	3

**** We provide TA; call on partner agencies for additional TA in an in-kind role***

**** I have done all my farm planning on my own except for cover crops between berry rows***

**** GIS***

The data contained in this table reflects the total number of responses to each part of the question as compiled from the replies to HSP's Technical Assistance Assessment questionnaire.

Question 4 - Central

4. If you indicated past use of technical assistance for any of the items listed in question #3:

a. Was the technical assistance difficult to obtain?	YES	*12
	NO	10

If yes, please explain:

- ***Too lengthy a process***
- ***Too complicated***
- ***Tech staff funded through grants. Other agencies have assistance to offer but staff time limited***
- ***TA limited based on availability, most located in Portland have other projects working on***
- ***Some sources more helpful than others; agency expert advice easy to get but help to design implement project NOT***
- ***Shortage of private sector knowledgeable people. Government monopolizes expertise.***
- ***Remoteness, small project, no permanent stream***
- ***Remote rural area, lack of TA availability***
- ***Personnel shortage generally***
- ***Funding and workload of other agencies - too busy***
- ***Engineering assistance for any EQIP projects not available in workable timeframe***
- ***Engineer was busy***
- ***Confederated Tribes Warm Springs great to work with BPA funding***

b. For each type of technical assistance you have received in the past, what was its approximate cost to you?

Organizational	**In-kind or Volunteer**	**$0-$5000**	**$5000-$20000**	**$20,000-$50,000**	**$50,000-$100,000**	**$100,000 or more**
1. Action Planning	15	2	1	0	1	0
2. Contracting	10	3	4	0	0	0
3. Facilitation	10	3	1	0	0	0
4. Grant Writing	11	2	4	0	0	0
5. Organizational Development	10	1	3	0	0	0
6. Public Outreach	10	4	1	2	0	0
Project Planning and Implementation						
1. Data Collection, Synthesis and Analysis	10	1	1	1	1	0
2. Ecological Restoration	7	1	1	1	0	0
3. Engineering Design	11	4	2	1	0	1
4. Erosion Control	9	3	4	1	0	1
5. Farm Management	13	2	1	0	0	0
6. Fish Screens/Passage	9	2	0	0	0	1
7. Floodplain Management	5	2	2	0	0	0
8. Forestland Management	7	2	0	0	0	0
9. Instream Channel Habitat Construction	5	4	3	0	0	0

The data contained in this table reflects the total number of responses to each part of the question as compiled from the replies to HSP's Technical Assistance Assessment questionnaire.

COMPREHENSIVE ASSESSMENT DATA

Question 4b Continued

10. Land Appraisal and Acquisition	4	1	0	0	0	1
11. Land Management Planning	9	1	0	1	0	0
12. Monitoring	8	1	4	0	1	0
13. Project Management	8	2	1	1	1	0
14. Project Permitting	6	4	1	0	0	0
15. Research	5	1	0	0	0	0
16. Riparian Plantings	9	7	2	0	0	0
17. Technical Writing	6	1	2	0	0	0
18. Terrestrial Habitat Restoration	6	2	0	0	0	0
19. Water Conservation	10	3	2	0	0	2
20. Water Quality Improvements	10	0	3	0	0	1
21. Watershed Assessments	11	0	4	0	0	1
22. Wetland Improvement	9	1	1	0	0	1
23. Wildlife Habitat	9	2	2	0	0	0
24. Other (*see text below)	2	0	0	0	0	0
Totals	254	62	50	8	4	9

**** WC coordination paid by OWEB; agency paid government staff. Cost to us, Direct, not much; indirect, too much.***

**** GIS mapping***

The data contained in this table reflects the total number of responses to each part of the question as compiled from the replies to HSP's Technical Assistance Assessment questionnaire.

APPENDIX B

HSP REPORT ON TECHNICAL ASSISTANCE AND THE OREGON PLAN FOR SALMON AND WATERSHEDS

COMPREHENSIVE ASSESSMENT DATA

Question 4 - Eastern

4. If you indicated past use of technical assistance for any of the items listed in question #3:

a. Was the technical assistance difficult to obtain?	YES	*8
	NO	6

If yes, please explain:

- **** TA in Powder Basin understaffed, demands high. Some assistance as in outreach planning is nonexistant.***
- **** NRCS budgets do not allow for add on engineering***
- **** Grant County SWCD able to hire qualified staff or obtain qualified assistance from partners***
- **** Funding cuts and downsizing took long time to get assistance for high work load***
- **** Finding qualified staff difficult and very expensive***
- **** Present sources overloaded. Difficult to find sources that will see project through from proposal to implementation***

b. For each type of technical assistance you have received in the past, what was its approximate cost to you?

Organizational	In-kind or Volunteer	$0-$5000	$5000-$20000	$20,000-$50,000	$50,000-$100,000	$100,000 or more
1. Action Planning	5	1	2	1	0	0
2. Contracting	3	1	2	1	1	0
3. Facilitation	7	1	0	0	0	0
4. Grant Writing	7	1	0	0	0	0
5. Organizational Development	5	0	2	0	0	0
6. Public Outreach	4	1	3	0	0	0

Project Planning and Implementation

1. Data Collection, Synthesis and Analysis	2	0	4	1	0	1
2. Ecological Restoration	1	1	1	0	0	2
3. Engineering Design	7	0	5	2	0	1
4. Erosion Control	6	0	2	0	0	0
5. Farm Management	4	1	1	0	0	1
6. Fish Screens/Passage	3	0	4	0	0	0
7. Floodplain Management	5	0	0	0	0	0
8. Forestland Management	4	1	0	0	0	0
9. Instream Channel Habitat Construction	3	1	2	0	1	1
10. Land Appraisal and Acquisition	1	0	1	0	0	0
11. Land Management Planning	6	0	0	0	0	0
12. Monitoring	4	0	4	1	3	1
13. Project Management	4	2	0	1	0	1
14. Project Permitting	8	0	2	0	0	0
15. Research	1	0	1	0	1	1
16. Riparian Plantings	6	2	1	0	0	0
17. Technical Writing	1	0	1	0	1	0
18. Terrestrial Habitat Restoration	2	0	0	0	0	0
19. Water Conservation	8	0	1	1	1	1
20. Water Quality Improvements	5	0	3	0	0	0
21. Watershed Assessments	4	0	3	1	2	0
22. Wetland Improvement	2	0	0	1	0	0
23. Wildlife Habitat	3	0	0	0	0	0
24. Other (*see text below)	0	0	1	0	0	0
Totals	121	13	46	10	10	10

**** Fish passage $ per site; cultural resource surveys***

The data contained in this table reflects the total number of responses to each part of the question as compiled from the replies to HSP's Technical Assistance Assessment questionnaire.

COMPREHENSIVE ASSESSMENT DATA

Question 5 - North Coast

5. Please answer the following questions by checking the appropriate box(es) below:

a. From which of the following providers have you ***received technical assistance****?*

b. ***Did you pay*** *for the assistance?*

c. Does the technical assistance ***source still exist****?*

d. Did the technical assistance work performed by the provider meet your needs? Rate your ***level of satisfaction*** *as Low, Medium, or High*

e. Was the assistance ***timely****?*

	Rec'd Tech Asst?	Did you pay?	Does source still exist?		Level of Satisfaction			Was it timely?	
Federal Government			Yes	No	Low	Med	High	Yes	No
US Forest Service	4	1	3	0	0	2	2	5	0
Bureau of Land Management	6	0	5	0	0	2	4	5	1
US Fish and Wildlife Service	6	0	5	0	2	2	2	3	2
Bureau of Reclamation	0	0	0	0	0	0	0	0	0
US Geological Survey	3	0	3	0	2	0	1	1	2
National Marine Fisheries Service	3	0	2	0	2	0	1	1	2
National Resources Conservation Service	9	0	8	1	0	3	6	8	0
Environmental Protection Agency	4	0	4	0	2	1	1	2	2
US ARMY Corps of Engineers	4	2	4	0	2	2	0	1	2
Other	1	1	1	0	0	0	1	1	0
State Government									
Department of Forestry	6	0	6	0	1	5	0	4	0
Department of Agriculture	8	0	8	0	2	2	4	4	2
Department of Fish and Wildlife	9	0	9	0	2	1	6	6	1
Department of Environmental Quality	6	0	6	0	0	1	5	2	0
Water Resources Department	7	0	6	1	1	5	1	1	3
Division of State Lands	5	0	4	0	1	3	0	1	2
Higher Education (OSU, UO, Other)	7	3	7	0	0	3	4	3	2
Oregon Watershed Enhancement Board	9	0	6	1	0	3	6	7	0
Other	0	0	0	0	0	0	0	0	0
Local Government									
Soil and Water Conservation Districts	7	1	6	1	2	1	4	0	0
Municipalities	3	1	3	0	2	2	1	1	0
Counties	6	0	6	0	4	2	2	3	1
Resource Conservation and Development Councils	5	0	5	0	0	2	3	1	3
Watershed Councils	5	0	5	0	0	5	0	4	0
Extension Service	9	0	9	0	0	0	7	3	2
Other	2	0	2	0	0	0	0	0	0
Private									
Consultants	8	7	8	0	2	3	3	6	0
Non-Profit Organizations	6	1	6	0	0	4	2	6	0
Volunteers	10	1	10	0	0	4	6	7	1
Other	0	0	0	0	0	0	0	0	0

The data contained in this table reflects the total number of responses to each part of the question as compiled from the replies to HSP's Technical Assistance Assessment questionnaire.

Question 5 - Southwest

5. Please answer the following questions by checking the appropriate box(es) below:

a. From which of the following providers have you ***received technical assistance****?*

b. ***Did you pay*** *for the assistance?*

c. Does the technical assistance ***source still exist****?*

d. Did the technical assistance work performed by the provider meet your needs? Rate your ***level of satisfaction*** *as Low, Medium, or High*

e. Was the assistance ***timely****?*

	Rec'd Tech Asst?	Did you pay?	Does source still exist?		Level of Satisfaction			Was it timely?	
Federal Government			**Yes**	**No**	**Low**	**Med**	**High**	**Yes**	**No**
US Forest Service	8	0	7	0	0	3	4	6	1
Bureau of Land Management	8	0	7	0	0	1	6	7	0
US Fish and Wildlife Service	9	0	8	0	0	5	3	7	1
Bureau of Reclamation	5	0	4	0	1	2	1	1	0
US Geological Survey	2	0	0	0	0	0	0	0	0
National Marine Fisheries Service	6	0	5	0	2	1	3	3	2
National Resources Conservation Service	11	1	9	0	1	4	5	7	3
Environmental Protection Agency	3	0	1	0	0	1	0	1	0
US ARMY Corps of Engineers	3	0	2	0	2	0	0	0	2
Other	1	0	0	0	0	0	0	0	0
State Government									
Department of Forestry	3	0	1	0	0	1	0	1	0
Department of Agriculture	8	0	6	0	0	2	5	6	1
Department of Fish and Wildlife	10	1	6	2	0	2	7	8	1
Department of Environmental Quality	7	0	5	0	0	3	3	6	0
Water Resources Department	10	2	8	0	2	2	5	7	2
Division of State Lands	7	1	5	0	4	2	0	3	3
Higher Education (OSU, UO, Other)	6	2	5	0	2	0	3	3	2
Oregon Watershed Enhancement Board	9	0	7	0	0	4	4	5	2
Other	1	0	0	0	0	0	0	0	0
Local Government									
Soil and Water Conservation Districts	7	0	5	0	0	1	5	6	0
Municipalities	1	0	0	0	0	0	0	0	0
Counties	6	0	3	0	1	1	1	3	0
Resource Conservation and Development Councils	4	1	2	0	3	0	1	2	1
Watershed Councils	6	0	4	1	0	2	3	4	1
Extension Service	10	0	4	1	0	4	5	7	1
Other (*see text below)	2	0	1	0	0	0	1	1	0

**** GIS support only, County offers No help; other assistance is from fire districts***

Private									
Consultants	6	1	5	0	1	2	1	2	2
Non-Profit Organizations	2	0	1	0	0	0	0	0	0
Volunteers	5	1	4	0	0	1	2	2	0
Other (*see text below)	1	1	0	0	0	0	1	1	0

**** Radio Station***

The data contained in this table reflects the total number of responses to each part of the question as compiled from the replies to HSP's Technical Assistance Assessment questionnaire.

APPENDIX B

HSP REPORT ON TECHNICAL ASSISTANCE AND THE OREGON PLAN FOR SALMON AND WATERSHEDS

COMPREHENSIVE ASSESSMENT DATA

Question - Willamette

5. Please answer the following questions by checking the appropriate box(es) below:

a. From which of the following providers have you ***received technical assistance****?*

b. ***Did you pay*** *for the assistance?*

c. Does the technical assistance ***source still exist****?*

d. Did the technical assistance work performed by the provider meet your needs? Rate your ***level of satisfaction*** *as Low, Medium, or High*

e. Was the assistance ***timely****?*

	Rec'd Tech Asst?	Did you pay?	Does source still exist?		Level of Satisfaction			Was it timely?	
Federal Government			Yes	No	Low	Med	High	Yes	No
US Forest Service	6	1	4	1	2	0	4	3	2
Bureau of Land Management	8	0	8	0	0	3	5	6	2
US Fish and Wildlife Service	7	0	7	1	2	3	3	4	4
Bureau of Reclamation	1	0	0	0	0	1	0	0	0
US Geological Survey	4	0	3	1	0	2	2	3	1
National Marine Fisheries Service	4	0	4	0	3	1	0	0	3
National Resources Conservation Service	11	1	11	0	0	2	10	10	0
Environmental Protection Agency	2	0	1	1	1	1	0	1	1
US ARMY Corps of Engineers	7	0	5	2	1	3	3	4	2
Other	0	0	0	0	0	0	0	0	0
State Government									
Department of Forestry	10	1	9	0	0	3	7	8	1
Department of Agriculture	9	1	9	0	0	3	7	9	0
Department of Fish and Wildlife	13	1	12	0	2	3	8	6	5
Department of Environmental Quality	11	1	8	2	1	6	4	8	1
Water Resources Department	9	1	8	0	2	3	4	6	2
Division of State Lands	7	0	7	0	1	4	2	5	2
Higher Education (OSU, UO, Other)	7	1	5	1	0	3	3	5	1
Oregon Watershed Enhancement Board	9	0	9	0	0	5	4	8	1
Other (*see text below)	1	1	1	0	0	1	0	1	0

**** GIS from U of O***

Local Government									
Soil and Water Conservation Districts	10	1	9	1	0	3	8	10	0
Municipalities	7	0	7	0	0	3	4	7	0
Counties	8	1	7	1	0	2	6	7	1
Resource Conservation and Development Councils	6	0	6	0	2	3	0	2	2
Watershed Councils	5	1	4	0	0	1	3	3	1
Extension Service	12	1	9	0	0	2	8	9	0
Other (*see text below)	0	0	0	0	0	0	0	0	0

**** Not enough help to deal with vast amt of small ag operations (1-30 acres) group***

Private									
Consultants	8	6	6	1	1	4	2	5	2
Non-Profit Organizations	6	1	5	0	2	2	1	3	2
Volunteers	6	0	5	0	0	1	4	5	0
Other (*see text below)	1	0	1	0	0	0	1	1	0

**** The Nature Conservancy***

The data contained in this table reflects the total number of responses to each part of the question as compiled from the replies to HSP's Technical Assistance Assessment questionnaire.

COMPREHENSIVE ASSESSMENT DATA

Question 5 - Central

5. Please answer the following questions by checking the appropriate box(es) below:

a. From which of the following providers have you ***received technical assistance****?*

b. ***Did you pay*** *for the assistance?*

c. Does the technical assistance ***source still exist****?*

d. Did the technical assistance work performed by the provider meet your needs? Rate your ***level of satisfaction*** *as Low, Medium, or High*

e. Was the assistance ***timely****?*

	Rec'd Tech Asst?	Did you pay?	Does source still exist?		Level of Satisfaction			Was it timely?	
Federal Government			**Yes**	**No**	**Low**	**Med**	**High**	**Yes**	**No**
US Forest Service	12	1	10	1	0	3	8	8	2
Bureau of Land Management	13	0	12	1	2	3	8	12	0
US Fish and Wildlife Service	9	0	9	0	0	1	7	7	1
Bureau of Reclamation	5	0	5	21	0	1	4	5	21
US Geological Survey	1	0	1	0	0	0	1	1	0
National Marine Fisheries Service	3	0	4	0	1	0	3	3	1
National Resources Conservation Service	19	0	20	0	2	6	12	14	5
Environmental Protection Agency	0	0	0	0	0	0	0	0	0
US ARMY Corps of Engineers	4	0	4	0	2	1	1	2	2
Other	1	0	1	0	0	0	1	1	0
State Government									
Department of Forestry	10	0	10	0	1	4	3	6	2
Department of Agriculture	11	0	11	0	1	5	6	9	1
Department of Fish and Wildlife	20	1	19	0	2	6	10	14	2
Department of Environmental Quality	4	0	5	0	1	0	4	2	3
Water Resources Department	9	0	9	0	3	2	5	6	3
Division of State Lands	7	0	7	0	0	2	4	4	3
Higher Education (OSU, UO, Other)	12	1	11	0	1	0	11	12	0
Oregon Watershed Enhancement Board	16	1	14	0	0	3	10	11	1
Other (*see text below)	2	1	2	0	1	0	1	1	1

**** Clean Water Services***

**** Governor's Office interferes placing personal politics over common good***

Local Government									
Soil and Water Conservation Districts	17	0	15	1	1	1	15	16	1
Municipalities	0	0	1	0	0	0	0	0	0
Counties	7	0	6	0	1	2	4	6	1
Resource Conservation and Development Councils	8	0	7	0	2	2	4	6	2
Watershed Councils	14	0	13	0	0	2	11	12	0
Extension Service	15	0	14	1	2	1	12	14	0
Other	0	0	0	0	0	0	0	0	0
Private									
Consultants	5	4	5	0	1	1	3	4	1
Non-Profit Organizations	3	0	3	0	0	0	3	3	0
Volunteers	7	0	3	2	2	0	5	5	2
Other	0	0	0	0	0	0	0	0	0

The data contained in this table reflects the total number of responses to each part of the question as compiled from the replies to HSP's Technical Assistance Assessment questionnaire.

Question 5 - Eastern

5. Please answer the following questions by checking the appropriate box(es) below:

a. From which of the following providers have you ***received technical assistance****?*

b. ***Did you pay*** *for the assistance?*

c. Does the technical assistance ***source still exist****?*

d. Did the technical assistance work performed by the provider meet your needs? Rate your ***level of satisfaction*** *as Low, Medium, or High*

e. Was the assistance ***timely****?*

	Rec'd Tech Asst?	Did you pay?	Does source still exist?		Level of Satisfaction			Was it timely?	
Federal Government			Yes	No	Low	Med	High	Yes	No
US Forest Service	6	0	5	0	1	3	2	5	1
Bureau of Land Management	5	0	5	0	3	1	1	3	2
US Fish and Wildlife Service	7	0	6	1	0	5	1	3	2
Bureau of Reclamation	9	1	8	0	0	3	6	8	0
US Geological Survey	5	1	4	0	0	2	2	3	1
National Marine Fisheries Service	1	0	1	0	1	0	0	0	1
National Resources Conservation Service	14	1	12	0	0	7	6	10	3
Environmental Protection Agency	1	0	1	0	1	0	0	0	1
US ARMY Corps of Engineers	4	0	4	0	0	4	0	3	1
Other	0	0	0	0	0	0	0	0	0
State Government									
Department of Forestry	7	0	7	0	0	1	6	7	0
Department of Agriculture	13	0	13	0	0	4	9	13	0
Department of Fish and Wildlife	13	0	12	1	1	0	11	12	1
Department of Environmental Quality	7	0	5	1	1	1	4	4	1
Water Resources Department	11	0	11	0	0	1	10	9	2
Division of State Lands	7	0	7	0	2	3	2	4	2
Higher Education (OSU, UO, Other)	8	1	7	1	0	1	7	8	0
Oregon Watershed Enhancement Board	10	0	10	0	0	3	7	9	1
Other	0	0	0	0	0	0	0	0	0
Local Government									
Soil and Water Conservation Districts	12	1	12	0	1	1	10	10	2
Municipalities	5	0	4	1	0	1	4	5	0
Counties	8	1	8	0	0	2	6	8	0
Resource Conservation and Development Councils	6	0	5	0	0	3	3	4	1
Watershed Councils	4	0	5	0	0	3	1	5	0
Extension Service	11	0	11	0	0	1	10	10	0
Other	0	0	0	0	0	0	0	0	0
Private									
Consultants	6	3	5	0	1	1	4	4	2
Non-Profit Organizations	3	0	3	0	0	1	2	3	0
Volunteers	8	0	7	1	2	1	5	8	0
Other	0	0	0	0	0	0	0	0	0

The data contained in this table reflects the total number of responses to each part of the question as compiled from the replies to HSP's Technical Assistance Assessment questionnaire.

Question 6 - North Coast

6. In some of the state there are gaps between the need and availavility of technical assistance. Please respond to the following questions:

a. What are the gaps in your area?
Staff of our primary technical assistance agency is located in adjoining counties
Grant writing
Enough money for capitol projects; no money for mechanism to do outreach; 1 FT position needed for grants backlog
Variety of staff serving Columbia Co., hard to get services due to logistics; agency coordination needed
Planning phase of projects
Geomorphologist; hydrologist; restoration
Engineering for fish passage and habitat restoration projects; water data analyst; GIS tech; geomorphologist; hydrologist
Landscape level planning; prioritize projects; salmon evaluations to obtain funds
Loss of ODFW fisheries biologist in Astoria
Hydrologist gone; the workload overwhelmed one person

b. Are there any current efforts to address those gaps?
Developing business plan to identify potential planning sources
Searching agencies for assistance
SWCD and NRCS trying to provide staffing; SWCD funding is inadequate for volume of need
Unknown
We are currently searching desperately for more technical assistance funding
Yes
No
No

c. Are there any unrealized opportunities that could address those gaps?
Limited opportunities available except for OWEB TA funds; need long term solution, not stop gap measures
Perhaps negotiations with NRCS to commit to regularly scheduled days for personnel to be in the county
SWCD in Columbia Co.; lack of funds holding back potential; could serve larger role with agencies and matching funds
Taxing authority; proposed projects not funded
Unknown
Yes

The data contained in this table reflects the total number of responses to each part of the question as compiled from the replies to HSP's Technical Assistance Assessment questionnaire.

Question 6 - Southwest Oregon

6. In some of the state there are gaps between the need and availavility of technical assistance. Please respond to the following questions:

a. What are the gaps in your area?
Shortage of engineering assistance; farm and rural land planning; forestry
Shortage of engineering assistance and rural land planners
Wildlife biologist; GIS
Lack of staff for getting practices on ground; losing experienced personnel
Lack skilled agriculture related professionals
Most agencies do not have staff to provide TA when needed; six months to one year for comment on permit applications
Action planning with interagency coordination, especially with the state agencies; data integration and analysis
Landscape level restoration and watershed processes
Company needs currently met; local WC needs help from forestry & private for riparian; up to now has been a failure
Engineering

b. Are there any current efforts to address those gaps?
NRCS increasing staff
SWCD, NRCS and watershed council all underfunded
Wildlife biologist for hire at USFS; looking at funding staff through GIS contract
NRCS is hiring conservation planners
SWCD is working with OWEB
Wildfire and wildlife watershed groups started for part of area
Work has started to address the limiting factors of the completed projects
Yes
Yes
Yes

c. Are there any unrealized opportunities that could address those gaps?
Rogue basin technical team
Rogue basin technical team offers assistance in this area
The GIS person at USFS is available for minor items but very busy and little support
Need less paperwork and processes with more time spent at project sites
Defining recovery along with benchmarks to assess progress is very important
Need ODF for design project help
None known
No

The data contained in this table reflects the total number of responses to each part of the question as compiled from the replies to HSP's Technical Assistance Assessment questionnaire.

Question 6 - Willamette

6. In some of the state there are gaps between the need and availavility of technical assistance. Please respond to the following questions:

a. What are the gaps in your area?
Adequate assistance for funding/implementation; upland conservation not stressed enough, which affects both surface/groundwater; lack of attention to small acreage nonpoint source pollution
Cannot afford to fulfill simple GIS needs
Diverse funding sources; ODFW support; lack of federal lands in watershed
Engineering and site specific habitat info; NRCS lacks engineer, response for requests not timely; NRCS understaffed and limits SWCDs
Fish biologists; hydrologists; permitting assistance
Fish shocking; need fish limits; can't get shockers, crews - no money for state help here
Geomorphologist; civil engineer; agronomist; fish biologist
Contract assistance; small cities help storm water runoff/water quality; cost share/technical assistance in riparian planting in areas not CREP qualified; lost DEQ trainer for volunteer water monitors and will not replace
Little to no access to federal agencies' land; all assistance very expensive
New to the position, do not have knowledge of history
None
Project prioritization; floodplain management; stream surveys; water quality; monitoring on tribal lands
Stable funding for technical assistance
Sufficient landowner contacts due to insufficient funding
Technical assistance cost share to qualified small landowners
Technical assistance cost share to qualified small landowners

b. Are there any current efforts to address those gaps?
WRI is working with BLM and PIEC to develop technical assistance program for Willamette region
Continued agriculture changes such as current Farm Bill
Stream surveys
Rely on NRCS for majority of technical assistance
Pool of technical help was in the making through OWEB and WRI - not sure of status
New to the position, do not have knowledge of history
Minimal by SWCD and watershed councils
Marion district lead in Willamette basin on BPA grant for riparian planting
GIS technical assistance grant was turned down; used every source we could find in the area; must pay now.
District going for local tax base
District attempting tax base
Communication with NRCS and FSA to express need to reach small acreage landowners
Yes
No

c. Are there any unrealized opportunities that could address those gaps?
Yes; SWCD structure effective for landowner technical assistance with MOA partner agencies and organizations; technical needs generated and serviced by trained professional staff; improved funding for staff resources result in higher levels of landowner t
Small Grant Team via OWEB support can help fill some of the gap
Probably but do not have funding to pursue anything other than in-kind assistance
Opportunities must be generated locally since state funding perennially inadequate
New to the position, do not have knowledge of history
Lack of agencies supporting local efforts to provide restoration; ODA working with us; lucky we are monitoring so we receive training and equipment; without DEQ trainer, monitoring won't occur
Grant writer for SWCD and OSU Extension Small Farms program
Create a functional technical pool like the Rogue; develop sources for low or no fee consulting services
Don't know

The data contained in this table reflects the total number of responses to each part of the question as compiled from the replies to HSP's Technical Assistance Assessment questionnaire.

Question 6 - Central Oregon

6. In some of the state there are gaps between the need and availavility of technical assistance. Please respond to the following questions:

a. What are the gaps in your area?
Technical assistance that you can trust in private sector
Agricultural engineering; private landowner farm planning
No structure for accessing professional help; existing staff overworked; limited availability; divisive nature of basin water issues has natural resources professionals distrusted by landowners
Have funds to implement projects but no access to sufficient funds for qualified staff to implement projects
Engineering staff not adequate to provide required services for projects
Lack of personnel; finances
On ground assistance; sustainability; marketing
Need more technical personnel
Engineering; range specialist; conservation planners

b. Are there any current efforts to address those gaps?
District tried to hire people but wages are below average; grants offer funds for TA but hiring is a problem
Engineer may be put on staff locally
None
Not known
Not really
Not to my knowledge
No
No

c. Are there any unrealized opportunities that could address those gaps?
Additional funding for personnel
Dropped out of EQIP contract prior to funding; will apply to OWEB for project funding
None I can think of
Probably not economically efficient
Sources for sufficient funds to hire qualified personnel
State should have conservation service through ODA - similar to NRCS providing assistance through SWCD
Unknown
Many
No

The data contained in this table reflects the total number of responses to each part of the question as compiled from the replies to HSP's Technical Assistance Assessment questionnaire.

Question 6 - Eastern Oregon

6. In some of the state there are gaps between the need and availavility of technical assistance. Please respond to the following questions:

a. What are the gaps in your area?
Resonably priced geomorphologist expertise
Project engineering; grant writing
Project design engineers for passage structures; ODFW short staffed
Not enough technicians, engineers to develop, draw plans for structures
Lack of engineering and money to hire expertise
Federal decisions and actions; funding
Engineering; grant writing; outreach
Engineering; ESA consultation; project coordination for CREP
Engineering assistance from project proposal through onsite construction supervision
Engineering and technical people
Engineering and planning
Engineering
Don't know

b. Are there any current efforts to address those gaps?
Don't believe so
Farm Bill passage may bring personnel to help close gap
NRCS effort increases staff-technicians to conduct riparian buffers and planning in counties
NRCS/Farm Bill funding may be coming
Private funding
Watershed council writing proposal for outreach program coordinator
Yes; funding being sought; difficult to attract qualified rural staff on current salaries
Yes; there are efforts
Some
Some
No
Yes
Yes

c. Are there any unrealized opportunities that could address those gaps?
Unknown
Technical assistance and engineering
Probably, unaware of them if they exist
NRCS technical expansion, hire more technicians to serve basin; state consults availability for organizing local outreach programs
Not aware of any
None we have found
Don't know
BPA funds for CREP coordination
Assistance in project planning and funding opportunities
No

The data contained in this table reflects the total number of responses to each part of the question as compiled from the replies to HSP's Technical Assistance Assessment questionnaire.

NAME	EXPLANATION
ACOE or Corps	US Army Corps of Engineers
BLM	US Bureau of Land Management
BOR	US Bureau of Reclamation
BPA	Bonneville Power Administration
C.O.P.E.	Coastal Oregon Productivity Enhancement Program
CREP	Conservation Reserve Enhancement Program
CREST	Columbia River Estuary Study Task Force
DEQ	Oregon Department of Environmental Quality
DOGAMI	Oregon Department of Geology and Mineral Industries
DSL	Oregon Division of State Lands
EQIP	Environmental Quality Incentives Program
ESA	Endangered Species Act
FIP	Forestry Incentives Program
FSA	Farm Service Agency
FSOS	For the Sake of the Salmon
FT	Full Time
GIS	Geographic Information System
HSP	Healthy Streams Partnership
MOA	Memorandum of Agreement
NFF	National Forest Foundation
NFWF	National Fish and Wildlife Foundation
NMFS	National Marine Fisheries Service (now "NOAA Fisheries")
NOAA	National Oceanic and Atmospheric Administration
NRCS	Natural Resources Conservation Service
NWPPC	Northwest Power Planning Council
ODA	Oregon Department of Agriculture
ODF	Oregon Department of Forestry
ODFW	Oregon Department of Fish and Wildlife
OEM	Oregon Emergency Management
Oregon Plan	Oregon Plan for Salmon and Watersheds
OSU	Oregon State University
OWEB	Oregon Watershed Enhancement Board
OWRD	Oregon Water Resources Department
PIEC	Provincial Interagency Executive Committee
RC&D	Resource Conservation and Development Council
SWCD	Soil and Water Conservation District
TA	Technical Assistance
UO	University of Oregon
USFS	US Forest Service
USFWS	US Fish and Wildlife Service
USGS	US Geological Survey
WC	Watershed Council
WRI	Willamette Restoration Initiative

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