

**Siskiyou Resource Conservation District**  
**Final Report**  
**To**  
**United States Fish and Wildlife Service**

**Project Title: Scott River Watershed Council Coordinator**  
**Grant Agreement Number: 113333-G011**  
**Project Number: 2003-PC-07**  
**Siskiyou RCD Tracking Number: 89-14**

**Revision Date: October 22, 2004**  
**Prepared By: Rhonda Muse, SRWC Coordinator**

## Abstract

This report covers the activities of the Scott River Watershed Council for the period of May 2003 through August 2004. These activities have been funded by both the US Fish and Wildlife Service (Klamath Basin Fisheries Task Force) and the California Department of Fish and Game. Over the period of time from the contract effective date to the contract expiration date, the Council was coordinated by one full time Coordinator (Rhonda Muse) who took the job in July 2002. Since hiring one full time Coordinator, all tasks have been fulfilled as written in the statement of work. This includes the completion of the *Scott River Strategic Action Plan* (Plan) (Task 7) on January 31, 2004.

The expected tasks under contract that have been met are: Held at least 12 monthly public meetings; facilitated monthly standing committee, executive, and technical committee meetings; wrote and published at least 4 newsletters during the year (2 of which the printing and mailing was covered under contract agreement 113334G003); sponsored at least 2 workshops or 'outreach' events; facilitated sub-watershed landowner groups; coordinated the development of the *Scott River Strategic Action Plan*; prepared a table listing of the projects and accomplishments of the SRWC over the past 10 years (submitted with this report); and prepared quarterly progress reports.

In addition to the expected tasks under contract, the Coordinator has implemented a document driven project management tool and monthly accountability reports for budget and time contributions.

Progress reports to the funding entities have also been improved to provide a monthly list of activities and a quarterly report to specifically identify activities of each standing committee including goals for the next quarter. These reports, along with the monthly accountability reports, have been quite useful in improving the administration and management of all activities. The SRWC has also reviewed and drafted updated By-Laws that will help clarify policy and procedure. The draft update is currently being reviewed by members of the Executive Committee.

In regards to the issues of anadromous species, the SRWC began the development of a limiting factors analysis (LFA) to help guide us in prioritizing the needs of each species. The LFA is modeled after the Napa River Limiting Factors Analysis in its format and applicable content for the Scott sub-basin. Since funding is not yet available for the completion of the LFA, agency representatives serving on the Fish Committee has contributed time to the development process. This has resulted in a slow process that does not yet provide enough information for targeting a completion date. Therefore, the SRWC Coordinator allocated funds for the assistance of two technically knowledgeable individuals for the purpose of putting the LFA on a fast track. This has resulted in the completion of various tables, by lifestage, that lists and rates potential limiting factors for the production of coho salmon..

## **Introduction**

The Scott River Watershed Council (SRWC) was formed in 1999 as a revised process to the original Coordinated Resource Management Planning Council (CRMP) which was implemented in 1992 by the Siskiyou Resource Conservation District. The CRMP was a consensus based group of stakeholders working together to cooperatively seek solutions, to help manage local resources, and resolve related problems. Under the SRWC design, we continue to cooperatively seek solutions, to help manage local resources, and resolve related problems. However, anyone can be a member, and there are no group representatives except agency personnel who serve in an advisory capacity. The SRWC works for consensus. In the event consensus by the Council is not met, the decision then becomes a super-majority vote by the Executive Committee.

We have established sub-committees to develop project ideas submitted by the community. These sub-committees can be placed into 3 categories: the first category would be 'The Working Body' which consists of 5 standing committees (fish, land, monitoring, outreach, and water); then we have 'Oversight' provided by the Executive Committee which includes a representative from each standing committee plus the Watershed Council chair; lastly, our 'Technical Input' is provided by our Technical Committee made up of local experts selected by the Executive Committee and who review and provide project ranking for proposals being submitted to the SRWC.

During this contract period, participation in the Watershed Council and its committees are divided into 3 groups:

- Landowner/Stakeholder volunteers providing the largest contribution of about 52%
- Agency representatives contribute about 32%
- RCD Staff contribute the remaining 16%

## **Description of Study Area**

The Scott River watershed is located in Central Siskiyou County, approximately 15 miles southwest of Yreka, and covers an area of 819 square miles. Land ownership is 55% private and 45% public. To be effective, any management efforts or improvement of the watershed must be done with the active help and participation of a large number of individual owners whose needs, desires, and financial conditions vary greatly.

## **Methods and Materials**

The methods used by the Council are described in the introduction section of this report, and the following Principles and Objectives which the SRWC adopted on December 14, 1999:

**PROGRAM PRINCIPLES:** The primary focus of the Scott River Watershed Council's efforts will be on voluntarily conserving and enhancing the natural environment. In its activities, the Scott River Watershed Council will conduct itself with the utmost regard for:

- 1) Individual life, liberty and property;
- 2) Custom and culture of the area (as defined in the Siskiyou County Comprehensive Land and Resource Management Plan); and

- 3) The inextricable linkage of healthy communities and the natural environment.

#### PROGRAM OBJECTIVES:

- 1) Inclusion: Promote the inclusion of all interested individuals within the watershed.
- 2) Education: Emphasize widespread dissemination of accurate and current watershed resource information.
- 3) Investigation: Actively investigate new and existing methodologies for local watershed study and improvement.
- 4) Evaluation: Evaluate proposed and completed watershed projects.
- 5) Vision: Develop a strategic planning process to effectively guide watershed conservation and enhancement projects.
- 6) Action: Work in cooperation with property owners to develop sound and cost effective proposals for resource conservation and enhancement.

#### The SRWC will:

- 1) Continue to seek ways to protect and improve water quality, instream flows, and the habitat of anadromous fish within the Scott River watershed.
- 2) Continue to identify and work on resource issues that will help produce and maintain a healthy and productive watershed and community.
- 3) Perform restoration work with funding from other sources.
- 4) Continue to inform, educate, and involve the public in seeking solutions to restore fish habitat and population numbers.

The Council works for consensus. In the event consensus by the Council is not met, the decision then becomes a super-majority vote by the Executive Committee. The most notable methodology change from the CRMP to the Council is the increased role of the Standing Committees. One committee or another considers most every issue and gives a recommendation on that issue before it is brought to the whole Council. The Standing Committees are Fish, Water, Land, Monitoring, and Outreach. The Executive Council (made up of the Council chair person and representatives of the five standing committees) and the Technical Committee have also taken on more active roles than they had in the CRMP.

### **Results and Discussion of Accomplishments**

The following describes the activities and results of the Council during the period funded by the US Fish and Wildlife Service (May 2003 – August 2004). The CDFG funding utilized during this time period was a portion of the contract in effect from August 2002 – March 2004.

#### *Task 1: Council Meetings (Appendix A-1):*

- The Council has met every month from May 2003 to August 2004. See appendix A for agendas.

#### *Coordination/Business and Administration (Appendix A-2):*

- Approved proposal to accept coordination of coho survey project for 2003, to be sponsored by the Council and coordination funding through Department of Fish and Game.

- Review and compilation of thirteen (13) additional project proposals, two (2) of which utilized existing funds.

*Task 2: Committee Meetings (Appendix B):*

- Held continuous monthly standing committee meetings for Fish, Water, Land, Outreach, Monitoring, Executive Council, and Technical Committee. (see Appendix B for a summary of meeting dates and notes).
- Held sub-committee meetings specific to limiting factors analysis (see Appendix B for meeting notes).

*Task 3: Publications/Newsletters (Appendix C):*

- Completion and mailing of three newsletters and one educational brochure about fire safety and the effect on water quality; summer 2003, winter/spring 2004, August 2004 (brochure), and summer/fall 2004. Printing and mailing of two of these newsletters were covered under contract agreement 113334G003. The initial design of all publications and newsletters were covered under this agreement.

*Task 4: Newspaper Articles (Appendix D):*

- Wrote and published at least one newspaper article per month for local newspaper, and one (1) press release for local and other newspapers.

*Task 5: Workshops and Educational Events (Appendix E):*

- Short presentations and informational forums (at meetings) consisted of:
  - i. Jeff Mount, Instructor, Shlemon Chair for Applied Geoscience, Department of Geology; and Peter Moyle, Instructor, Department of Wildlife, Fish and Conservation Biology UC Davis, June 17, 2003 – “Teaching Exercise with UC Davis students”.
  - ii. Mike Connelly, Klamath Basin Ecosystem Foundation, November 18, 2003
  - iii. Cooperative Success Stories, November 18, 2003 – Landowners working with CRMP/SRWC and agencies:
    - Jim Beck, Shasta Valley
    - Richard & Robbie Vandewater, Scott Valley
    - Technical Service Providers - an NRCS opportunity
  - x. Mike Deas, Watercourse Engineering, Inc., January 20, 2004 – “Watershed Management Model Review: Tools to assess groundwater and surface water”.
  - xi. David Lamphear, Institute for Forest and Watershed Management, March 2004 –  
 “Determining Coho Salmon Distribution and Abundance in the Scott and Shasta Watersheds”
  - xii. Bryan McFadin, North Coast Regional Water Quality Control Board, March 2004 – “Information and Insights Gained from the 2003 Scott River Thermal Infrared Survey”
  - xiii. Conservation Easements, May 2004 – various presenters included:
    - Rick Barnum, Siskiyou County Planning Director
    - Darrel Sweet, California Rangeland Trust
    - Connie Best, Pacific Forest Trust
    - George Stroud, The Nature Conservancy

- Amy Hoss, Siskiyou Land Trust
- Bill Gardiner, NRCS
- Larry Camp, IRS
- Mike Mallory, Siskiyou County Assessor's Office
- Wes Hartman, Farm Credit Association
- x. Water Trust Opportunities, July 2004 – Rob Donlan of Ellison, Schneider, and Harris and Gary Black, RCD Project Coordinator
- Educational Workshops provided on the following topics:
  - i. *What is a Watershed?* -- May 31, 2003  
This event kicked off our annual watershed fair and consisted of educational activities and displays related to all aspects of the watershed including aquatic life, streams/rivers, species in and around the watershed, timber, farming, and upslope conditions including fire prevention.
  - ii. *Rural Road Maintenance* – October 18, 2003  
This workshop provided education to private landowners and contractors about road design and maintenance. Our speaker, Keith Guenther of Wildland Solutions provided low maintenance techniques using an interactive approach. Topics covered in the workshop included:
    - Reducing frequency and cost of maintenance.
    - Preventing problems instead of repairing problems.
    - Low maintenance strategies.
    - Analyzing problems.
    - Developing solutions.
 This one-day workshop emphasized field evaluation of road system conditions and involved approximately 4 hours of field work.
  - iii. *Biomass* – April 3, 2004  
This workshop introduces biomass concepts, technology, and potential uses within the Scott watershed. Keynote speakers were from BBI International, Shasta Energy Group, OreCal RC&D, and Klamath National Forest.

*Task 6: Landowner Group Meetings (Appendix F-1):*

- Held one landowner meeting:
  - i. In May of 2003 several landowners from various sub-watersheds met to form a steering committee for the development of a feasibility study and operational plan for beef marketing and livestock processing that incorporates the idea of putting a percent of profits into riparian and habitat improvements.

*Agency and Other Related Meetings attended by Coordinator (Appendix F-2):*

- Attended monthly SRCD Board meetings.
- Attended two (2) Technical Work Group (TWG) meeting.
- Attended seven (7) design meetings to discuss the Restoration Database, a cooperative project with the Shasta Valley RCD.
- Attended three (3) Klamath River Basin Fisheries Task Force meeting.
- Attended two (2) Grant Writing Workshops.
- Participated in one (1) Rapid Assessment Team meeting (NRCS)

- Attended one (1) SSRT meeting (2 days).
- Attended one (1) Watershed Roundtable of Siskiyou County
- Attended one (1) Lower Basin Science Conference (2 days).
- Attended two (2) Siskiyou County Fire Safe Council meetings for the purpose of a cooperative project proposal
- Attended one (1) Lower Scott Fire Safe Council meeting for the purpose of a cooperative project proposal
- Attended one (1) Shasta Valley RCD meeting for the purpose of a cooperative project proposal
- Attended one (1) NRCS Working Group meeting
- Attended one (1) NRCS Klamath Planning Team meeting for the purpose of identifying cooperative project opportunities
- Several conference calls with funding agencies, contracted employees, and other personnel.

*Task 7: Coordinate the Scott River Subbasin Strategic Action Plan (Appendix G):*

- Developed project management tool to track tasks, established due dates and assigned responsible parties, and established a budget report.
- Assumed planning and technical writing responsibilities after the termination of contract with Planwest Partners.
- Completed project on January 31, 2004.

*Task 8: Prepared table listing of projects and accomplishments, and developed a time contribution report (Appendix H):*

- SRWC 10 Year Project List.
- Time Contribution Reports for FY 2002-2003, 2003-2004, and 2004-2005 (YTD).

## **Summary and Conclusions**

Over the period of time from the contract effective date to the contract expiration date, the Council was coordinated by one full time Coordinator (Rhonda Muse) who took the job in July 2002. The coordinator has no previous knowledge of any watershed or the issues of a watershed, however, the experience in project management, technical writing, and facilitation of meetings have been beneficial to the working environment of the Scott River Watershed Council (SRWC) and the Siskiyou Resource Conservation District (SRCD). The transition of employment was smooth and with minimal effort.

Since hiring one full time Coordinator, all tasks have been fulfilled as written in the statement of work. This includes completing the *Scott River Strategic Action Plan* (Plan) on January 31, 2004.

Overall, the SRWC has been consistent in producing useful products and has improved the content of meeting agendas. The participants of the Standing Committees are to be commended for the time and skills they have contributed to the efforts of identifying necessary projects and discussing restoration needs. The implementation of standardizing documentation formats, filing systems, and procedures has been beneficial and necessary to improve communication and for

providing accurate information. There are some limitations in the time that committee members can contribute when needing to complete critical information such as the limiting factors analysis. The SRWC Coordinator has obtained necessary assistance for putting the limiting factors analysis on a fast track. By hiring two coordinator assistants, we have been able to obtain missing scientific information that was necessary for identifying potential limiting factors for coho salmon at each lifestage. This effort also contributed to the development of strategic actions within the *Scott River Strategic Action Plan*.

Improved organization of meeting structure and documentation has been well accepted by SRWC members and will continue to play a large role in improving public awareness and better use of time for SRWC participants. The review and revision of Council By-Laws has been completed and is a critical piece for a clearer understanding of SRWC processes and rules by new employees and the general public.

The SRCD Board has requested a working relationship between the Council Coordinator and the SRCD District Manager for the purpose of identifying areas of improvement and recommending solutions. This includes but is not limited to the following:

- Identify methods for streamlining projects.
- Improvement of project tracking and cost analysis.
- Implementation of good business practices for the purpose of consistency, necessary documentation, and potential for standardization.
- Successful collaboration of efforts and data collection.

A goal for the Council Coordinator was to accomplish at least 3 of these solutions within the next year. This would be successful with the cooperation of all parties (SRWC members and Coordinator, SRCD staff, and SRCD Board of Directors). This goal was met in the following areas:

- Developed tools for project tracking and cost analysis.
- Within the *Scott River Strategic Action Plan*, developed methods to identify pre-requisites that will be used to streamline projects.
- Implemented standard formats for documentation.

Since beginning a close evaluation of the planning activities and draft products of the *Strategic Action Plan*, it was determined that the contracted planner (Planwest Partners) was not producing the expected products with efficient use of funds. Therefore, the SRWC voted to terminate the contract with Planwest Partners and determined an in-house effort would provide a better outcome. This resulted in the planning and technical writing tasks being assigned to the SRWC Coordinator and the completion of a preliminary draft to date.

## Summary of Expenditures

The total expenditures for the time period of this contract total \$ 83,034.86. The following report provides the summary of these expenditures incurred during this project:

### *US Fish and Wildlife Service*

Effective May 1, 2003 through September 30, 2004

	Estimated Budget	Actual Cost to Date
a. Salaries (including benefits)	19,000.00	16,743.39
b. Operating Expenses	3,500.00	2,728.50
<b>Subtotal</b>	<b>22,500.00</b>	<b>19,471.89</b>
c. General and admin. (15 % Overhead)	2,500.00	2,920.78
<b>Total</b>	<b>25,000.00</b>	<b>22,392.67</b>

### **COST SHARE REPORT (Total amount \$ 60,642.19) :**

#### *California Department of Fish and Game (CDFG)*

*(please note this only reflects the actual cost for the duration of the contract with US Fish and Wildlife Service and not the entire contract timeframe with CDFG).*

	Actual Cost
a. Salaries (including benefits)	\$ 27,977.94
b. Operating Expenses	\$ 13,655.07
<b>Subtotal</b>	<b>\$ 41,633.01</b>
c. General and admin. (10% overhead)	\$ 4,163.30
<b>Total</b>	<b>\$ 45,796.31</b>

#### *In-kind Match/Volunteer Hours*

	#Hours	Rate	Total
a. Council Meetings	362.75	16.50	5,985.38
b. Committee Meetings	333.75	16.50	5,506.88
c. Quarterly Forums	203.25	16.50	3,353.63
<b>Total</b>			<b>\$14,845.88</b>

## Appendices

Appendix A-1:	<i>Council Meetings, agendas</i>
Appendix A-2:	<i>Proposal formats</i>
Appendix B:	<i>Committee Meeting Notes</i>
Appendix C:	<i>Publications/Newsletters</i>
Appendix D:	<i>Newspaper Articles</i>
Appendix E:	<i>Workshops and Educational Events</i>
Appendix F-1:	<i>Landowner Group Meetings, schedule and notes where available</i>
Appendix F-2:	<i>Agency and Other Related Meetings, schedule and notes where available</i>
Appendix G:	<i>Coordinate the Scott River Subbasin Strategic Action Plan, project tracking sheet, report summaries, and draft products.</i>
Appendix H:	<i>SRWC 10 Year Project List &amp; Time Contribution Report</i>



**SCOTT RIVER WATERSHED  
COUNCIL**

**AGENDA**

**May 2003**

**The SRWC will attend the Shasta/Scott Recovery Team's public meeting in Yreka in place of the regular monthly meeting.**



# SCOTT RIVER WATERSHED COUNCIL

## AGENDA

**June 17, 2003**

**United Methodist Church, Etna**

- |              |  |                    |
|--------------|--|--------------------|
| <b>I.</b>    | <b>CALL TO ORDER – Chair</b>   | <b>7:00pm</b>      |
|              | a. Introductions – Chair   |                    |
|              | b. Minutes – April 15, 2003  |                    |
|              | c. Finalize & Accept Agenda – Chair  |                    |
|              | d. Announcements   |                    |
|              | • Presentation to Task Force, June 19  |                    |
| <b>II.</b>   | <b>OPEN FORUM: (3 minute presentations)</b>  | <b>7:10pm</b>      |
| <b>III.</b>  | <b>OLD BUSINESS</b>  | <b>7:15pm</b>      |
|              | a. Report on Watershed Fair  |                    |
|              | b. Progress of Strategic Action Plan, where we are and what's next                               |                    |
|              | c. Revised presentation: 'Tilting the Economic Scale', approval for use                          |                    |
|              | d. Shasta/Scott Coho Recovery Team update (Gary)   |                    |
| <b>IV.</b>   | <b>NEW BUSINESS</b>  | <b>7:40pm</b>      |
|              | a. UC Davis presentation of teaching exercise  |                    |
| <b>V.</b>    | <b>STANDING COMMITTEE REPORTS</b>  | <b>8:00pm</b>      |
|              | (written reports available)  |                    |
| <b>VI.</b>   | <b>STAFF REPORTS</b> (written reports available)   | <b>8:05pm</b>      |
| <b>VII.</b>  | <b>SUBWATERSHED LANDOWNER'S REPORT</b>   | <b>8:10pm</b>      |
|              | (written report on steering committee for Feasibility Study for a Livestock Processing Facility) |                    |
| <b>VIII.</b> | <b>JULY AGENDA</b>   | <b>8:15pm</b>      |
|              | • Attend the SSRT public meeting on July 1   |                    |
|              | • Quarterly Forum on July 22   |                    |
|              | • What's for August? Progress on SAP and Project Reports/Updates                                 |                    |
| <b>IX.</b>   | <b>ADJOURN – Chair</b>   | <b>8:20pm</b>      |
| <b>X.</b>    | <b>DESSERT SOCIAL – PLEASE BRING A DESSERT TO SHARE</b>  | <b>8:20-9:00pm</b> |



# **SCOTT RIVER WATERSHED COUNCIL**

## **AGENDA**

**July 2003**

**The SRWC will attend the Shasta/Scott Recovery Team's public meeting on July 1<sup>st</sup> in place of the regular monthly meeting.**



# SCOTT RIVER WATERSHED COUNCIL

## AGENDA

August 19, 2003

Etna City Council Chambers, Etna  
(Enter through the RCD Office)

- |              |   |               |
|--------------|---|---------------|
| <b>I.</b>    | <b>CALL TO ORDER – Chair</b>  | <b>7:00pm</b> |
|              | <ul style="list-style-type: none"> <li>• Introductions – Chair</li> <li>• Minutes – June 17, 2003</li> <li>• Finalize &amp; Accept Agenda – Chair</li> <li>• Announcements</li> </ul>   |               |
| <b>II.</b>   | <b>OPEN FORUM: (3 minute presentations)</b>   | <b>7:10pm</b> |
| <b>III.</b>  | <b>OLD BUSINESS</b>   | <b>7:15pm</b> |
|              | <ul style="list-style-type: none"> <li>a. Progress of Strategic Action Plan (Rhonda)               <ul style="list-style-type: none"> <li>• The Technical Advisory Committee</li> <li>• Preliminary Draft under review</li> <li>• Need Council approval for phased approach (<i>action item</i>)</li> </ul> </li> <li>b. Shasta/Scott Coho Recovery Team update (Gary)</li> </ul> |               |
| <b>IV.</b>   | <b>NEW BUSINESS</b>   | <b>7:30pm</b> |
|              | <ul style="list-style-type: none"> <li>a. NRCS Grant Opportunity (Ernie Wilkinson)</li> <li>b. Grasslands Reserve Program (Ernie Wilkinson)</li> <li>c. Project Proposals (<i>action items</i>)</li> </ul>  | <b>7:40pm</b> |
|              | <ul style="list-style-type: none"> <li>• Creating a Fire Safe Environment</li> <li>• Fish Passage at Mill Creek (Scott Bar)</li> <li>• Additional Coho Spawning Survey funds</li> <li>• Others (??)</li> </ul>  |               |
| <b>V.</b>    | <b>*****10 MINUTE BREAK*****</b>  | <b>8:00pm</b> |
| <b>VI.</b>   | <b>STANDING COMMITTEE REPORTS</b>   | <b>8:10pm</b> |
|              | (written reports available)   |               |
| <b>VII.</b>  | <b>SUBWATERSHED LANDOWNER’S REPORTS &amp; OTHER MEETINGS</b>  | <b>8:15pm</b> |
|              | (written report available – Quarterly Forum)  |               |
| <b>VIII.</b> | <b>SEPTEMBER AGENDA</b>   | <b>8:20pm</b> |
|              | <ul style="list-style-type: none"> <li>• Working session for the review of the Draft Strategic Action Plan</li> <li>• Potential Retreat??</li> </ul>  |               |
| <b>IX.</b>   | <b>ADJOURN – Chair</b>  | <b>8:30pm</b> |



# SCOTT RIVER WATERSHED COUNCIL

## AGENDA

September 16, 2003  
Fort Jones Community Center

- |              |   |               |
|--------------|---|---------------|
| <b>I.</b>    | <b>CALL TO ORDER – Chair</b>  | <b>7:00pm</b> |
|              | a. Introductions – Chair  |               |
|              | b. Minutes – August 19, 2003  |               |
|              | c. Finalize & Accept Agenda – Chair                                     |               |
|              | d. Announcements  |               |
| <b>II.</b>   | <b>OPEN FORUM: (3 minute presentations)</b>                             | <b>7:10pm</b> |
| <b>III.</b>  | <b>NEW BUSINESS (action item)</b>                                       | <b>7:15pm</b> |
|              | a. Proposal for Upslope Program Development & SRWC                      |               |
| <b>IV.</b>   | <b>OLD BUSINESS</b>   | <b>7:20pm</b> |
|              | a. Strategic Action Plan – Draft review and input                       |               |
|              | • Presentation of current status and needs (10 minutes)                 |               |
|              | • Break out session for review of gaps (30 minutes)                     |               |
| <b>V.</b>    | <b>*****10 MINUTE BREAK*****</b>  | <b>8:00pm</b> |
| <b>VI.</b>   | Continue review of Strategic Action Plan                                |               |
|              | • Review goals, objectives, and actions (text and concept-30 min)       |               |
|              | • Wrap up and next steps (15 minutes)                                   |               |
| <b>VII.</b>  | <b>STANDING COMMITTEE REPORTS</b>                                       | <b>8:45pm</b> |
|              | (written reports available)   |               |
| <b>VIII.</b> | <b>SUBWATERSHED LANDOWNER’S REPORTS &amp; OTHER MEETINGS</b>            |               |
|              | None  |               |
| <b>IX.</b>   | <b>OCTOBER AGENDA</b>   | <b>8:50pm</b> |
|              | • Working session for further review of the Draft Strategic Action Plan |               |
| <b>X.</b>    | <b>ADJOURN – Chair</b>  | <b>9:00pm</b> |



# SCOTT RIVER WATERSHED COUNCIL

## AGENDA

October 21, 2003  
United Methodist Church, Etna

- |              |  |               |
|--------------|--|---------------|
| <b>I.</b>    | <b>CALL TO ORDER – Chair</b>                                 | <b>7:00pm</b> |
|              | a. Introductions – Chair                                     |               |
|              | b. Minutes – September 16, 2003                              |               |
|              | c. Finalize & Accept Agenda – Chair                          |               |
|              | d. Announcements   |               |
| <b>II.</b>   | <b>OPEN FORUM: (3 minute presentations)</b>                  | <b>7:10pm</b> |
| <b>III.</b>  | <b>NEW BUSINESS</b>  | <b>7:15pm</b> |
|              | a. Report on roads workshop held on October 18               |               |
| <b>IV.</b>   | <b>OLD BUSINESS</b>  | <b>7:20pm</b> |
|              | a. Strategic Action Plan                                     |               |
|              | • Complete survey through preliminary draft review           |               |
|              | • Discussion of survey comments from prior review            |               |
|              | • Begin approval of strategic actions – concept and text     |               |
| <b>V.</b>    | <b>*****20 MINUTE BREAK – ICE CREAM BAR*****</b>             | <b>8:00pm</b> |
| <b>VI.</b>   | Continue review of Strategic Action Plan                     | <b>8:20pm</b> |
|              | • Wrap up approval of strategic actions – concept and text   |               |
|              | • Finalizing the draft                                       |               |
| <b>VII.</b>  | <b>STANDING COMMITTEE REPORTS</b>                            | <b>8:50pm</b> |
|              | (written reports available)                                  |               |
| <b>VIII.</b> | <b>SUBWATERSHED LANDOWNER’S REPORTS &amp; OTHER MEETINGS</b> |               |
|              | None   |               |
| <b>IX.</b>   | <b>NOVEMBER AGENDA</b>                                       | <b>8:55pm</b> |
|              | • Public and Peer Review comments of Strategic Action Plan   |               |
|              | • Educational Presentation - TBD                             |               |
| <b>X.</b>    | <b>ADJOURN – Chair</b>                                       | <b>9:00pm</b> |



# SCOTT RIVER WATERSHED COUNCIL

## AGENDA

**November 18, 2003  
Fort Jones Community Center**

- |              |  |               |
|--------------|--|---------------|
| <b>I.</b>    | <b>CALL TO ORDER – Chair</b>   | <b>7:00pm</b> |
|              | <ul style="list-style-type: none"> <li>• Introductions – Chair</li> <li>• Minutes – October 21, 2003</li> <li>• Finalize &amp; Accept Agenda – Chair</li> <li>• Announcements</li> </ul>   |               |
| <b>II.</b>   | <b>OPEN FORUM: (3 minute presentations)</b>  | <b>7:10pm</b> |
| <b>III.</b>  | <b>PRESENTATIONS</b>   | <b>7:15pm</b> |
|              | <p>a. Cooperative Success Stories, landowners working with CRMP/SRWC and agencies:</p> <ul style="list-style-type: none"> <li>• Jim Beck, Shasta Valley</li> <li>• Richard &amp; Robbie Vandewater, Scott Valley</li> <li>• Technical Service Providers - an NRCS opportunity</li> </ul> |               |
| <b>IV.</b>   | <b>*****15 MINUTE BREAK *****</b>  | <b>8:00pm</b> |
| <b>V.</b>    | <b>PRESENTATIONS:</b>  | <b>8:15pm</b> |
|              | Mike Connelly, Klamath Basin Ecosystem Foundation  |               |
| <b>VI.</b>   | <b>STAFF REPORTS</b>   | <b>8:45</b>   |
|              | (Written reports available)  |               |
| <b>VII.</b>  | <b>STANDING COMMITTEE REPORTS</b>  | <b>8:50pm</b> |
|              | (written reports available)  |               |
| <b>VIII.</b> | <b>SUBWATERSHED LANDOWNER’S REPORTS &amp; OTHER MEETINGS</b>   |               |
|              | None   |               |
| <b>IX.</b>   | <b>DECEMBER AGENDA</b>   | <b>8:55pm</b> |
|              | <ul style="list-style-type: none"> <li>• Public comments discussion on Draft Strategic Action Plan</li> <li>• Dinner??</li> </ul>  |               |
| <b>X.</b>    | <b>ADJOURN – Chair</b>   | <b>9:00pm</b> |



# SCOTT RIVER WATERSHED COUNCIL

## AGENDA

December 16, 2003  
Etna City Hall/Chambers  
(enter through RCD Office)

PLEASE NOTICE START TIME IS 6:00PM

- **CALL TO ORDER – Chair** **6:00pm**
  - a. Introductions – Chair
  - b. Minutes – November 18, 2003
  - c. Finalize & Accept Agenda – Chair
  - d. Announcements
  
- I. COMMENTS FROM PUBLIC REGARDING  
DRAFT STRATEGIC ACTION PLAN (5 minutes)** **6:05pm**
  
- II. DISCUSSION OF WRITTEN COMMENTS  
FROM PUBLIC AND PEER REVIEWERS OF THE  
DRAFT STRATEGIC ACTION PLAN** **6:35pm**
  
- III. STAFF REPORTS** **6:50pm**  
(Written reports available)
  
- IV. STANDING COMMITTEE REPORTS** **6:55pm**  
(written reports available)
  
- V. SUBWATERSHED LANDOWNER’S REPORTS & OTHER MEETINGS**  
None
  
- VI. ADJOURN – Chair** **7:00pm**

*A holiday dinner and \$5 gift exchange will immediately follow this meeting.*

*Location is at Bob’s Ranch House in Etna.*

*(gift must be wrapped without a tag)*

*The cost is \$7 per person and may be paid in advance or upon arrival.*

*Please RSVP with your dinner selection no later than Thursday December 11<sup>th</sup>.*

*You MUST RSVP in order to have a dinner reserved.*

*Dinner selections: Tri-tip or Italian Chicken*

*(you are invited to bring your own wine if you so desire)*

*To reserve your dinner, contact Rhonda Muse at 468-2487 or Carolyn Pimentel at 467-3975*



# SCOTT RIVER WATERSHED COUNCIL

## AGENDA

January 20, 2004  
Scott Valley Grange, Greenview

- |   |               |
|---|---------------|
| <b>I. CALL TO ORDER – Chair</b>   | <b>7:00pm</b> |
| <ul style="list-style-type: none"><li>• Introductions – Chair</li><li>• Minutes – December 16, 2003</li><li>• Finalize &amp; Accept Agenda – Chair</li><li>• Announcements</li></ul> <p>Ric Costales attending Biomass Conference in Denver</p> |               |
| <b>II. PRESENTATION (revised title):<br/>Watershed Management Model Review: Tools to Assess<br/>Groundwater and Surface Water<br/>By Mike Deas</b>  | <b>7:05pm</b> |
| <b>***** BREAK*****</b>   | <b>8:05pm</b> |
| <b>III. Update on Database Project</b>  | <b>8:15pm</b> |
| <b>IV. Update on project proposals for 2004</b>   | <b>8:25pm</b> |
| <b>V. Update on Strategic Action Plan – Finalization</b>  | <b>8:35pm</b> |
| <b>VI. STAFF REPORTS</b><br>(Written reports available)   | <b>8:45pm</b> |
| <b>VII. STANDING COMMITTEE REPORTS</b><br>(written reports available)   | <b>8:50pm</b> |
| <b>VIII. SUBWATERSHED LANDOWNER’S RPTS &amp; OTHER MTGS</b><br>Upcoming Scott Quarterly Information Forum announcement  | <b>8:55pm</b> |
| <b>IX. ADJOURN – Chair</b>  | <b>9:00pm</b> |



**SCOTT RIVER WATERSHED  
COUNCIL  
AGENDA**

**February 17, 2004  
Siskiyou RCD Office, Etna**

- |              |   |               |
|--------------|---|---------------|
| <b>I.</b>    | <b>CALL TO ORDER – Chair</b>  | <b>7:00pm</b> |
|              | <ul style="list-style-type: none"> <li>• Introductions – Chair</li> <li>• Minutes – January 20, 2004</li> <li>• Finalize &amp; Accept Agenda – Chair</li> <li>• Announcements</li> </ul>  |               |
| <b>II.</b>   | <b>PROJECT PROPOSALS:</b>   | <b>7:05pm</b> |
|              | <ul style="list-style-type: none"> <li>• Endorsement of Gassifier Demonstration for Scott Valley (by USDA and Ore-Cal RC&amp;D)</li> <li>• Shackleford / Mill Water Quality Improvement Project (tailwater return system, previously approved in 2002)</li> <li>• Aerial photo analysis of riparian vegetation on mainstem and streams (current funding available)</li> <li>• Evaluation of Riparian Planting projects (previously approved in 1997 &amp; 2000)</li> <li>• New proposals by Fish Committee:             <ul style="list-style-type: none"> <li>i. Riparian Restoration Analysis and Pilot Project</li> <li>ii. Mapping of potential rearing habitat in the Scott River watershed</li> <li>iii. Survey of coho salmon's utilization of rearing habitats</li> </ul> </li> </ul> |               |
|              | ***** <b>10 MINUTE BREAK</b> *****  | <b>7:45pm</b> |
| <b>III.</b>  | <b>OUTREACH</b>   | <b>7:55pm</b> |
|              | <ul style="list-style-type: none"> <li>Biomass Workshop – March 13 (Ric)</li> <li>Wayne Elmore and Riparian Service Team at SQIF – April 15 (Ernie)</li> <li>Watershed Fair / County Fair / Scott Valley Swap Meet (Carolyn)</li> <li>Approval for use of poster at various events (Rhonda)</li> <li>Update on newsletter distribution (Rhonda)</li> </ul>  |               |
| <b>IV.</b>   | <b>STATUS OF SSRT and SRWC REPRESENTATION</b>   | <b>8:25pm</b> |
| <b>V.</b>    | <b>Strategic Action Plan Presentation to KRBFTF and County's concerns for planning</b>  | <b>8:45pm</b> |
| <b>VI.</b>   | <b>STAFF REPORTS</b>  | <b>8:55pm</b> |
|              | (Written reports available)   |               |
| <b>VII.</b>  | <b>STANDING COMMITTEE REPORTS</b>   | <b>8:57pm</b> |
|              | (written reports available)   |               |
| <b>VIII.</b> | <b>SUBWATERSHED LANDOWNER'S RPTS &amp; OTHER MTGS</b>   | <b>8:59pm</b> |
| <b>IX.</b>   | <b>MARCH SRWC AGENDA</b>  | <b>9:00pm</b> |
|              | <ul style="list-style-type: none"> <li>Presentation by Bryan McFadin, FLIR data and GIS layers</li> <li>Presentation by Danielle Quigley, Habitat Typing</li> <li>Presentation by David Lamphear, GIS project with DFG</li> </ul>   |               |
| <b>X.</b>    | <b>ADJOURN – Chair</b>  | <b>9:10pm</b> |





# SCOTT RIVER WATERSHED COUNCIL

## AGENDA

March 16, 2004  
City of Etna Council Chambers  
(enter through RCD Office)

- I. CALL TO ORDER – Chair** **7:00pm**
- Introductions – Chair
  - Minutes – February 17, 2004
  - Finalize & Accept Agenda – Chair
  - Announcements
    - Biomass Workshop on Saturday, April 3<sup>rd</sup>
    - SQIF meeting on Thursday, April 15<sup>th</sup>
- II. PRESENTATION:** **7:05pm**
- David Lamphear, Institute for Forest and Watershed Management –  
“Determining Coho Salmon Distribution and Abundance in the Scott and Shasta Watersheds”
- \*\*\*\*\* 10 MINUTE BREAK\*\*\*\*\*** **7:45pm**
- III. PRESENTATION** **7:55pm**
- Bryan McFadin, North Coast Regional Water Quality Control Board –  
“Information and Insights Gained from the 2003 Scott River Thermal Infrared Survey”
- IV. OLD BUSINESS:** **8:35pm**
- Letter to SSRT regarding concerns of SRWC – Gary Black and Rhonda Muse
- V. STAFF REPORTS** **8:45pm**
- (Written reports available)
- VI. STANDING COMMITTEE REPORTS** **8:50pm**
- (written reports available)
- VII. APRIL SRWC AGENDA** **8:55pm**
- Presentation by Danielle Quigley, Habitat Typing  
Presentation by Peter Townley on NRCS Planning Team  
Business: Combined Committee Meetings  
5-person Executive Committee
- VIII. ADJOURN – Chair** **9:00pm**



**SCOTT RIVER WATERSHED  
COUNCIL**

**AGENDA (Revised)**

**April 20, 2004**

**Fort Jones Community Center**

- |  |               |
|--|---------------|
| <b>II. CALL TO ORDER – Chair</b>   | <b>7:00pm</b> |
| <ul style="list-style-type: none"> <li>• Introductions – Chair</li> <li>• Minutes – March 16, 2004</li> <li>• Finalize &amp; Accept Agenda – Chair</li> <li>• Announcements</li> </ul>   |               |
| <b>III. PRESENTATION:</b>  | <b>7:05pm</b> |
| Danielle Quigley – ‘Report on Habitat Typing in the Scott River Watershed’   |               |
| <b>IV. PRESENTATION</b>  | <b>7:30pm</b> |
| Peter Townley – NRCS, Klamath Basin Planning Team  |               |
| <b>V. OLD BUSINESS:</b>  | <b>7:55pm</b> |
| Letter to SSRT regarding concerns of SRWC – Rhonda Muse  |               |
| <b>***** 10 Minute Break *****</b>   |               |
| <b>VI. NEW BUSINESS</b>  | <b>8:10pm</b> |
| <ul style="list-style-type: none"> <li>• Bi-Monthly SRWC Meetings: <ul style="list-style-type: none"> <li>Odd months – Public Forum Meetings (evening)</li> <li>Even months – Public Working/Technical Meetings (daytime)</li> </ul> </li> <li>• Executive Committee – Vice Chair Ernie Wilkinson</li> </ul>   |               |
| <b>VII. PROPOSALS:</b>   | <b>8:20pm</b> |
| <ul style="list-style-type: none"> <li>• Scott River Watershed Council (Rhonda)</li> <li>• Scott River Watershed Education and Communication (Rhonda)</li> <li>• Streamflow Gaging on Tributaries (Danielle)</li> <li>• NEW ITEM: Video Cam on SVID (Danielle)</li> <li>• Radio Tagging Juveniles (Erich)</li> <li>• Juvenile Trapping on Tributaries (Erich)</li> <li>• Winter Habitat (Erich)</li> </ul> |               |
| <b>VIII. STAFF REPORTS</b>   | <b>8:45pm</b> |
| (Written reports available)  |               |
| <b>IX. STANDING COMMITTEE REPORTS</b>  | <b>8:50pm</b> |
| (written reports available)  |               |
| <b>X. MAY SRWC AGENDA</b>  | <b>8:55pm</b> |
| Conservation Easement Forum  |               |
| <b>XI. ADJOURN – Chair</b>   | <b>9:00pm</b> |

**Forum on Conservation Easements:  
What Do They Mean for You & Our Community?**

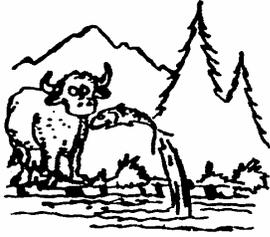
Tuesday, May 18<sup>th</sup>, 2004 7:00 pm – 9:30 pm  
Grange Hall, Greenview, Scott Valley

Purpose of Forum: To help Scott Valley landowners and the community learn about conservation easements, to discuss their implications, and to share local concerns with conservation easement program representatives.

Definition of "Conservation Easement": *A restriction that owners place on their property that legally binds present and future owners in perpetuity for a conservation purpose (such as restricting subdivision, development and possibly other land uses) in exchange for financial compensation and/or tax deductions to the landowner.*

**AGENDA**

- 7:00 pm Introduction – *Ric Costales*, Moderator & Chair, Watershed Council
- 7:05 pm Scott Valley Land Use – *Rick Barnum*, Siskiyou County Planning Director
- 7:20 pm Conservation Easements – Background  
*Greg Hendrickson* – Coblenz, Patch, Duffy, & Bass LLP
- 7:30 pm Land Trusts – Conservation Easement Intent & Experiences
- California Rangeland Trust - *Darrel Sweet*
  - Pacific Forest Trust – *Connie Best*
  - The Nature Conservancy – *George Stroud*
  - Siskiyou Land Trust – *Amy Hoss*
- 8:10 pm Other Conservation Tools
- Natural Resource Conservation Service – *Bill Gardiner*
- 8:20 pm Financial, Tax & Economic Issues
- Internal Revenue Service - *Larry Camp*
  - Siskiyou County Assessor's Office – *Mike Mallory*
  - Farm Credit Association – *Wes Hartman*
- 8:50 pm Audience Questions to Panel
- 9:30 pm Adjourn



# SCOTT RIVER WATERSHED COUNCIL

## AGENDA

June 15, 2004

RCD Office/Etna City Chambers

(Please note this is an afternoon meeting)

- XII. CALL TO ORDER – Chair** **3:00pm**
- Introductions – Chair
  - Minutes – April 20, 2004
  - Finalize & Accept Agenda – Chair
  - Public Announcements
- XIII. CURRENT BUSINESS:** **3:05pm**
- Presentation to Klamath River Basin Fisheries Task Force on June 24
  - Report on Conservation Easement Forum held May 18
  - Outreach Committee – Display at Siskiyou Golden Fair
  - Outreach Committee – the SRWC values and slogan
  - Draft report from National Riparian Service Team and Wayne Elmore.  
Comments due now!
- XIV. PRESENTATION:** **3:15pm**
- Jennifer Silveira / Fish Committee – ‘Progress of Limiting Factors Analysis’
- \*\*\*\*\* **10 Minute Break** \*\*\*\*\* **4:00pm**
- XV. DISCUSSION ITEMS:** **4:10pm**
- Process for analyzing and interpreting data; making recommendations
  - Plan Action F-2-f.a: Evaluate the geomorphology of the mainstem Scott River channel to identify potential demonstration projects. Items to address:
    - Include upslope conditions, per Executive Committee 5-24-04.
    - Sediment TMDL’s should be addressed.
    - Need to get data on background erosion sources using technical assistance.
- XVI. STAFF REPORTS** **4:45pm**  
(Written reports available)
- XVII. STANDING COMMITTEE REPORTS** **4:50pm**  
(written reports available)
- XVIII. JULY SRWC AGENDA** **4:55pm**  
Public Forum: Water Trust Forum or short presentations (ie. Monitoring Plan)
- XIX. ADJOURN – Chair** **5:00pm**

*THE SCOTT RIVER WATERSHED COUNCIL and  
SISKIYOU RESOURCE CONSERVATION DISTRICT  
PRESENT:*

*An Informational Forum On*  
**THE LEGAL ASPECTS OF THE WATER TRUST**

TUESDAY, JULY 20, 2004  
7:00pm to 9:00pm  
SCOTT VALLEY GRANGE, GREENVIEW

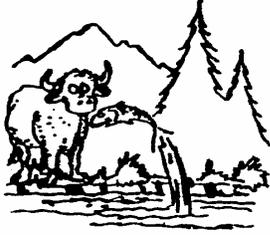
Robert Donlan with the law firm Ellison, Schneider & Harris, located in Sacramento, will discuss his findings concerning the legal aspects of the water trust related to water rights and procedural issues. Rob was the lead attorney on the development of the Scott River Flow Enhancement Options report, which assessed legal issues associated with changing Scott River adjudicated water rights for instream benefit.

The report developed by Ellison Schneider & Harris reviews the French Creek Decree, Shackleford Creek Decree, the Scott River Decree and state law related to water transfers and instream dedications. This legal review was the first phase in the development of the local water trust.

***Background of Project***

With the Scott River acting as part of the headwaters of the Klamath River for salmon and steelhead production, the conflict between fisheries and agriculture water use is not going away. The SRWC and Siskiyou RCD believe both uses can coexist if proper programs and planning efforts are implemented. Rather than waiting for the conflict between agriculture and fisheries to be decided by regulators or the courts, we are exploring the development of a program that would allow willing water users to lease their water rights for instream benefit with reimbursement from the locally operated water trust.

The SRWC and Siskiyou RCD, with funding from the CDFG, sought to determine if water rights adjudicated under the three court decrees in Scott River Valley could legally be used for instream benefit either through a temporary lease, long term lease or purchase. The purpose of the study was to explore the legal feasibility of a local water trust, in an effort to address the flow conflicts between fisheries and agricultural needs in the Scott River.



# SCOTT RIVER WATERSHED COUNCIL

## AGENDA

August 17, 2004  
RCD Office, Etna

**(Please note this is an afternoon meeting)**

- XX. CALL TO ORDER – Chair 2:00pm**
- Introductions – Chair
  - Minutes – June 15, 2004
  - Finalize & Accept Agenda – Chair
  - Public Announcements
    - Revisions to the Long Range Plan of the Klamath River Basin Fisheries Task Force
- XXI. Report on Water Trust Forum held July 20 2:10pm**  
(Sari Sommarstrom and Gary Black)
- XXII. Coastal and Inland Waterways Cleanup Day Sept. 18 2:20pm**  
(Rebekah Sluss, QVIR)
- XXIII. MOFFETT CREEK PROJECT (Tom Shorey) 2:30pm**
- Present and discuss the concept of a companion report to the Moffett Creek Upland Gross Assessment project. Purpose is to evaluate and document the natural background of sediment contributions to the watershed.
  - Discuss cooperator roles
  - SRWC support of project (action item)
- \*\*\*\*\* 10 Minute Break \*\*\*\*\* 3:15pm**
- XXIV. SCOTT RIVER TAILINGS PROJECT (Larry Alexander) 3:25pm**
- Presentation by Resource Management, background of current project
  - Next steps
  - Ideas for marketing the information
  - Discuss cooperator roles
  - SRWC support of project concept (action item)
- XXV. STAFF REPORTS 4:45pm**  
(Written reports available)
- XXVI. STANDING COMMITTEE REPORTS 4:50pm**  
(written reports available)
- XXVII. SEPTEMBER SRWC AGENDA 4:55pm**  
Public Forum: RCD Project Updates/Reports
- XXVIII. ADJOURN – Chair 5:00pm**

**SCOTT RIVER WATERSHED COUNCIL  
FORMAT FOR PROPOSAL**

**Name of proposer:** Land Committee **Date:** September 17, 2003 (revised)

**Name of Project:** Creating a Fire Safe Environment

**Project Category/Type:** Land/Protection **ID#:** 200308-L01

**Landowner approval:** Obtained through interest in program

**1. Background, need, watershed and species benefited:**

In fire prone northern California, the SRWC, in cooperation with the Siskiyou RCD and technical assistance by CDF is seeking funds to establish a program that will provide incentive for up to 200 homeowners to create a defensible space zone around homes and other structures.

On a prioritized basis, a Residential Assessment Checklist and Defensible Space Plan will be used to provide the homeowner with instructions concerning the fuels reduction treatments needed to receive a rebate up to \$500 per acre. In the event a driveway also requires treatment to enable engine access, an additional rebate up to \$250 per acre will be available. Homeowners concerns and protection for birds and wildlife, soil and water, as well as needs for shade, dust and visual barriers will be considered during development of the plan.

Priority landowners will be determined using criteria stated in the program that is currently under development by the Land Committee.

**2. Objectives of the project or study and to which Council (committee) objective they apply:**

This program will apply to the Land Committee's goal of being a fire-safe community. The purpose of the Defensible Space Plan is to create a 100-foot fuel break around homes and structures and, in some cases, along driveways. The fuel break is designed to slow the rate and intensity of an advancing wildfire and to provide an area for fire suppression operations to occur and to create "defensible" space.

**3. Location:**

The jurisdiction covered by the Siskiyou RCD and the Shasta RCD.

**4. Tasks:**

- a. With assistance by CDF, the Land Committee will develop a comprehensive program which includes prioritization criteria, acceptable conditions for participation, and appropriate rebate amount
- b. Project Coordinator advertises program and receives calls from interested homeowners

- c. Inspector visits site and completes assessment checklist and gives homeowner information about treatment and resources
- d. Homeowner completes treatment then contacts Project Coordinator
- e. Inspector visits site to evaluate if treatment has been completed as defined in the assessment
- f. When treatment is found to be in compliance, the inspector and homeowner completes and signs the rebate forms
- g. Project Coordinator manages forms and processes rebate

**5. Methods:**

The Siskiyou RCD will assign a Project Coordinator to provide advertisement and program management.

A new position of ‘Fire Safety Inspector’ will be created and filled by a qualified applicant. Training for the inspector will be provided by CDF.

Brochures and forms will be produced for use by the inspector and rebates will be administered through the Project Coordinator.

**6. Timeline:**

Beginning 2004 (duration to be determined by funding source)

**7. Cost Approximation:**

200 structures (estimated 1 acre @ \$500 each):	\$100,000.
200 driveways (estimated average 1.5 acres @ \$250 each):	\$ 75,000.
Inspector -- time and benefits (8 hrs per parcel @ \$25 hr):	\$ 40,000.
Inspector – mileage (maximum of 10,000 miles @ .36 cents mi):	\$ 3,600.
Project Coordinator – time and benefits (1.5 hr per parcel @ \$25 hr):	\$ 7,500.
Supplies/materials (forms & brochures @ \$3 each, and advertising @ \$600):	\$ 1,200.
Sub-total:	\$227,300.
Admin 10%:	\$ 22,730.
Total:	\$250,030.

**8. Matching Funds Available:**

Homeowner costs = amount greater than rebate. As an average, each acre is assigned an estimated cost of \$1000 for treatment, the rebate would cover 50% of treatment around structures and 25% for driveways.

Estimated match by homeowner = \$325,000.

**SCOTT RIVER WATERSHED COUNCIL  
FORMAT FOR PROPOSAL**

**Name of proposer:** Rhonda Muse **Date: September 16, 2003**

**Name of Project:** SRWC-Upslope Program Development

**Project Category/Type:** Planning **ID#: 200309-A01**

**Landowner approval:** N/A

**1. Background, need, watershed and species benefited:**

In 1992 the Siskiyou RCD sponsored the Scott River Watershed Coordinated Resource Management Planning (CRMP) Council for the purpose of managing the communications between partners, providing public education, and to advise the Siskiyou Resource Conservation District on restoration and conservation projects. The CRMP dissolved on November 16, 1999. On that same date, and for the same purpose, The Scott River Watershed Council (SRWC) was developed and established guiding principles and objectives.

Major concerns within the watershed are that the water quality of the Scott River was listed as “impaired” for sediment and temperature under Section 303(d) of the Clean Water Act by the North Coast Regional Water Quality Control Board and Environmental Protection Act in 1997. It is believed that the water quality has also affected the habitat of anadromous fish populations in the Scott River watershed. Secondly, Coho salmon in the region were listed as threatened under the federal Endangered Species Act in 1997 by the National Marine Fisheries Service and also listed as threatened by the State of California in 2002.

Ongoing concerns of the community in regards to the intrusion of non-native vegetation and invasive or noxious weeds have been identified and are felt to be critical for the ecosystem as well as the economic health of the community. The use of pesticides has been controversial for agricultural landowners, environmental groups and local, State and Federal agencies. Recent articles in publications from the Western states indicate legal implications of using pesticides in or near a watercourse, leaving landowners without resources to manage their waterfront lands. This has created an increased fear that sustaining a viable economic structure within this agricultural community will become more difficult and costly.

**2. Objectives of the project or study and to which Council (committee)**

**objective they apply:**

Objectives for this project are to;

- To continue the role of the SRWC in the community. The primary focus will be on the investigation of upslope conditions that impact the health and economy of the Scott River Watershed;

- Support the position of Program Manager for the purpose of organizing working group meetings, provide leadership and manage ecosystem project development;
- Identify and plan for upslope programs that encourage best management practices within the agricultural and timber communities as well as achieve the objectives stated in this workplan;
- Partner with local organizations, technical experts, agencies and landowners for the purpose of implementing studies that will provide baseline data for upslope vegetation and its contribution to sedimentation and other ecosystem factors such as wildlife and timber;
- Educate the community about upslope conditions and methods for improving problem areas; and
- Develop and maintain a restoration database that includes measures of success, accomplishments, and sustainable indicators.

**3. Location:**

The entire Scott River watershed

**4. Tasks:**

See attached timeline table

**5. Methods:**

The Council works for consensus and has not had to resort to the fall-back decision making procedure of a supermajority of the Executive Committee since 1999. All decisions have been on a consensus basis and the active participants have cooperatively worked together to develop restoration projects and protocols.

The Council has structured five (5) Standing Committees to discuss issues and restoration needs. These committees are titled; Fish, Land, Monitoring, Outreach, and Water. Each committee may use whatever decision-making process that works best within the committee group and selects/elects one member as its representative to serve and vote on the Executive Committee.

Executive Committee:

Council Chair plus Chair/representatives from each of the five (5) Standing Committees.

Technical Committee:

Advises Standing Committees and ranks project proposals for recommendation to the Executive Committee.

Council Membership:

- Full Council = interested public.
- Serve as individuals.
- No group representatives, except for agency representatives who serve in an advisory capacity.
- Anyone can be a member.

**6. Timeline:**

March 2004 through March 2007

**7. Cost Approximation:**

See attached budget

**8. Matching Funds Available:**

<b>Inkind/matching funds</b>			
Community Volunteers/SRWC Members	1836	\$20.00	\$36,720.00
Agency Personnel/Technical Assistance	1485	\$20.00	\$29,700.00

## SCOTT RIVER WATERSHED COUNCIL - PROPOSAL

**Name of Proposer:** Danielle Quigley **Date:** 2/12/2004  
**Name of Project:** Aerial photo analysis  
**Category/Type:** Land/Assessment **ID#:** 200402-L01  
**Landowner approval:** N/A

### 1. Background, need, watershed and species benefited:

The SRWC has identified the development of a Water Balance Model is important to the development of sound restoration projects, and to better understand the hydrology of the Scott River Watershed. This would lead to the development of better management practices.

To fully refine such a model, a good understanding of the vegetational composition of the watershed is necessary. The CA. DWR has GIS layers and land use estimates for the agricultural lands in the valley, but to date no one has pulled together the land-use and vegetational types throughout the rest of the watershed.

In Addition: the Land Committee has raised the question: Have vegetational patterns in the Scott River changed significantly? Have changes in the range(ie juniper), and age class (ie young stands vs mature stands) of vegetational stands altered the flow regime? There also is a need to determine how the results could be used in a water consumptive model. This aerial photo analysis would provide the initial step to answering some of those questions.

Finally, this analysis would provide baseline data for the condition of the watershed now, and a point of comparison to assess current and existing watershed restoration efforts.

### 2. Objectives of the project or study and to which Council (committee objective they apply:

**W-1-Bd:** Investigate opportunities for upland vegetation management.

### 3. Locations

Etna Creek and McConaughy Gulch sub-watersheds. Groundtruthing will be required.

### 4. Tasks

#### Phase I:

- a.) Compile all existing resources on Scott River watershed upland vegetation sources(KNF GIS layers, CDF GIS layers, aerial photos). Current data will be compared to earliest aerial photos(1944)
- b.) Develop an estimate of acres of each type of vegetation(pine forest, juniper, cedar, riparian, etc); current vs 1944
- c.) Develop an estimate of acres of seral stage; current vs 1944

#### Phase II:

- d.) Research estimates of ET rates for various vegetation types

**Scope:** One eastside tributary, and one Westside.

**Final product:** % (total acres) conifer, deciduous, herbaceous, grasses, & barren, compared for each year analyzed. Product should include final report, and GIS layers.

Available Information

1944 aerial flight

KNF vegetation GIS layers 1999

Humboldt also has extensive mapping

CDF(<http://frap.cdf.ca.gov/>)

CDF Fire and Resource Assessment Program

GIS layers available for downloading. Among the GIS layers are: California vegetation, riparian vegetation, redwoods, hardwoods, valley oaks, bioregions, landcover, watersheds, rainfall zones, fire zones, and pitch canker infestation.

5. **Methods:**

6. **Timeline:** March 1- May 31<sup>st</sup> 2004

7. **Cost Approximation:**

Compile existing data 40 hrs @ \$25:	\$ 1,000
Field Days 5 days @ \$200:	\$ 1,000
Generate new GIS layers 80 hrs @ \$50:	\$ 4,000
Analysis 60 hrs @ \$50:	\$ 3,000
Research ET data 40 hrs @ \$25:	\$ 1,000
Report :	\$ 2,000

Total: \$12,000

8. **Funds Available:** Yes – SWRCB #71 Existing funds could be used because this would tie into existing tasks within the Strategic Action Plan and Watershed Analysis.

**SCOTT RIVER WATERSHED COUNCIL  
FORMAT FOR PROPOSAL**

**Name of proposer:** Rhonda Muse

**Date:** 2/12/2004

**Name of Project:** Evaluation of Riparian Restoration Program

**Project Category/Type:** Riparian/Assessment

**ID #:** 200402-R01

**Landowner approval:** TBD

**1. Background, need, watershed and species benefited:**

Since 1994 the RCD/SRWC have implemented planting projects on 12 different landowners properties in the Scott River riparian zone. These planting cover an area of 82 acres, 72 acres planting with rooted stock and 10 acres planted with cuttings. The results have been mixed. Conclusions on how to proceed in order to obtain the best results for the money are yet to be reached.

**2. Objectives of the project or study and to which Council (committee) objective they apply:**

Objective F2-E of the *Scott River Watershed Council Strategic Action Plan* states “Design and complete projects to promote effective riparian revegetation and maintain riparian habitat”.

**3. Location:**

East Fork  
Noyes Valley  
McConaghy Gulch  
Moffett Creek  
Mainstem Scott River near Fort Jones

**4. Tasks:**

- 1) Review available RCD documentation and meet with Project Coordinators to evaluate methods and tasks used in past planting projects. Observe successes and failures.
- 2) Review data for stream dynamics (flow, flood events, drought), land form, vegetation patterns and soil type to evaluate landscape.
- 3) Attend a tour of the Scott River watershed and visit 6 project sites.
- 4) Assess East Fork and other low gradient reaches: Noyes Valley, McConaghy Gulch, and Moffett Creek.
- 5) Assess selected reaches of the mainstem Scott for identifying potential improvements in the vegetation and flow relationship to bed load.
- 6) Develop a prescription for improving the conditions in each low gradient reach of selected tributaries and mainstem.
- 7) Provide a written report of assessment and findings.

**5. Methods:**

Fund visit by Wayne Elmore and the National Riparian Service Team. Expected results would be to complete the tasks listed above.

Provide workshop at SQIF meeting in April.

**6. Timeline:**

April – June 2004

**7. Cost Approximation:**

Existing funds are available through planning and assessment.

Coordination: \$ 200.

Tour with RCD staff: \$ 200.

Assessment by Wayne Elmore: \$1500.

Workshop: \$ 500.

**8. Matching Funds Available:**

N/A

**SCOTT RIVER WATERSHED COUNCIL  
FORMAT FOR PROPOSAL**

**Name of proposer:** LFA-Fish Committee

**Date:** 2/10/04

**Name of Project:** Mapping of potential rearing habitat in the Scott River Watershed.

**Project Category/Type:** Fish / Assessment

**ID#:** 200402-F01

**Landowner approval:**

Landowner approval would be necessary to continue the on the ground habitat typing and any proposed expansion of monitoring sites.

**1. Background, need, watershed and species benefited:**

Sufficient summer rearing habitat is essential for supporting healthy Coho salmon stocks. Currently, there is no central database representing the existing information about the extent and condition of summer rearing habitat suitable for Coho juveniles in the Scott River Watershed. The continuation of surveys and monitoring to assess summer rearing habitat will fill in the current data gaps.

An assessment of the available summer rearing habitat for Coho salmon in the Scott River is currently being performed on the ground. In 2003 the Siskiyou RCD performed habitat typing through a portion of the potential Coho rearing habitat (Shackleford-Mill, French and Miner's, and Sugar Cr.). CDFG-NCWAP has habitat typed portions of the East Fork and its tributaries. USFWS is presently habitat typing the mainstem Scott and plans to perform an IFIM study on the lower Scott. Additionally, an extensive monitoring program assessing flow and temperature (SRCD, DWR, NCRWQB, USFS, and USFWS) gathers important physical data.

The continuation of this current analysis of the condition of the physical habitat available in the Scott River will give a baseline state for summer rearing. This body of work can best be added to with: 1) bringing together the existing information in a mapping project that will spatially represent the current existing physical parameters that define available summer rearing habitat and 2) a continuation of the on the ground surveys and monitoring to complete the data for baseline state.

The integration of present information about the condition of summer habitat into a central database and GIS will provide a library for any future management and study decisions. The essential fish habitat parameters (occurrence of pools, large wood, and cover) can be encoded into GIS layers and spatially analyzed. This easily accessible representation of data will allow managers and the public to see the current state of available fish habitat. Estimating and mapping potential Coho summer rearing habitat will aide stakeholders in the Scott River Watershed in targeting priority areas for restoration, monitoring, and protection that will benefit Coho recovery efforts in the watershed.

The completion of on the ground surveys in the reaches currently utilized by Coho salmon (i.e. habitat typing Patterson Cr., Etna Cr., Big Slough, South Fork Scott) will add to our knowledge of the condition of available physical habitat. A continuation of a expanded monitoring plan will add to our knowledge of the physical parameters (flow and temperature) that limit availability of habitat to Coho salmon.

**2. Objectives of the project or study and to which Council (committee) objective they apply:**

F1-A: Improve understanding of basic life history requirements, population trends, and habitat preferences of all species of anadromous salmonids in the Scott River watershed.

F1-A.a: Continue and/or increase efforts to monitor spawner escapements within the watershed. Continue and/or increase efforts to monitor and evaluate juvenile habitat utilization, survival and outmigration.

The objective is to identify and map the current condition of potential Coho summer rearing habitat in order to target priority areas for restoration, monitoring and protection that will aide in basin-wide Coho recovery efforts. This will be done by bringing together existing information, continuing on the ground habitat surveys, and continuing the pre-existing monitoring program.

**3. Location:** Scott River Main Stem and tributaries

**4. Tasks:** 1) Compile and analyze data sources to identify locations that have key summer habitat characteristics in the Scott River watershed. Key characteristics that will be considered include temperature, instream and riparian cover, pool volume, side channel habitats, velocity, and stream gradient. 2) Develop a spatial representation (GIS layer) of areas with suitable summer rearing habitat characteristics. 3) Continue to conduct ground surveys and monitoring to assess all habitat areas to further develop the map.

**5. Methods:** 1) Compile existing information (habitat typing, FLIR, riparian condition, temperature, flow).  
 2) Prepare data for generation of GIS layer. Summarize occurrence of essential fish habitat parameters (e.g. # of parameter/100 meters).  
 3) Use ArcInfo to enter existing habitat information into GIS layers.  
 4) Expand current habitat typing program by including streams that were not done in 2002 or 2003 – approximately 30 miles of habitat typing will complete previous work.  
 5) Enter new habitat typing data into GIS, as 2 & 3 above.  
 6) Continue temperature and flow monitoring projects.

**6. Timeline:** 1) Two months (300 hours) to collect, analyze, and enter data into GIS.  
 2) 30 miles of habitat typing will take 450 hours of field crew time and 100 hours of coordinator to pursue landowner access and manage field crews. The fieldwork will be performed in late July to September. Landowner access needs to be granted before on the fieldwork begins.  
 3) 150 hours to put new data into GIS as 1 above.

**7. Cost Approximation:**

Data analysis/GIS technician @ \$25.00 per hour:  $450 \text{ hrs} * 25.00 = \$11,250.00$

Field crew @ 450 hours @ 15.00 per hour:  $450 * 15.00 = \$6,750.00$

Project coordinator @ \$25.00 per hour:  $100 * 25.00 = \$2,500.00$

Equipment and mileage: \$500.00

**Total approximate cost: \$21,000**

- 8. Matching Funds Available:** SRCD may be able to provide match for temperature and flow monitoring, FLIR and riparian corridor analysis performed by NCRWQCB, and USFS may be able to provide time providing GIS info and analysis of habitat on streams within their ownership.

**SCOTT RIVER WATERSHED COUNCIL  
FORMAT FOR PROPOSAL**

**Name of proposer:** LFA-Fish Committee                      **Date:** 2/10/04

**Name of Project:** Survey of coho salmon's utilization of rearing habitats.

**Project Category/Type:** Fish/Assessment                      **ID#:** 200402-F02

**Landowner approval:** The majority of work should be done on tributaries and the main stem of the Scott River in areas held by private landowners. Many of these landowners on the west side tributaries have previously granted access to the SRCD for studies: habitat typing, adult coho surveys, and monitoring. Feasibility of access to areas of the mainstem Scott in the Valley, the South Fork Scott, and the East Fork Scott needs to be investigated. Survey of areas in the Scott's canyon will require cooperation with the USFS.

**1. Background, need, watershed and species benefited:**

In order to effectively restore rearing areas, it is necessary to first characterize the habitats used by juvenile salmonids during their rearing life stages. Numerous summer rearing habitat characterization surveys have been performed in the anadromous reaches of the Scott River by a variety of agencies (SRCD, CDFG, USFS, and USFWS). Knowledge of the actual utilization of these habitat types is essential to the quantification of available summer rearing carrying capacity.

For years, researchers have used direct observation to characterize habitats used by juvenile salmonids (Northcote and Wilkie 1963, Everest and Chapman 1972, Hankin and Reeves 1988). As well as being cost effective, direct observation can more accurately describe the habitat utilization by the target species than other methods such as beach seining, trapping and poisoning (Northcote and Wilkie 1963, Goldstein 1978, Hillman et al. 1992) and is less likely to harm fish than electroshocking. We propose to conduct snorkel surveys within units of known lengths and widths, in order to rank the habitats used by juvenile salmonids according to relative density numbers. Relative density can be thought of as the average number of fish in a particular habitat weighed by the amount of area sampled and effort spent sampling in each survey unit. Because coho adult numbers in the Scott River are expected to be high during the 2004 spawning season, we would like to conduct the summer rearing surveys during the spring and summer of 2005 and the winter rearing surveys during the winter of 2005-2006. Although juvenile coho will be the target of our observations, all salmonids within the survey units will be counted

The existing summer habitat type data and professional judgment can be utilized to identify reaches in the Scott River (tributaries and main stem) to perform habitat utilization surveys. These surveys will allow the identification of key habitat features utilized by fish on the Scott River for future preservation and restoration.

Additionally, this knowledge of key habitat features can be used to design a demonstration pilot project restoring summer rearing habitat in the Scott River.

**2. Objectives of the project or study and to which Council (committee) objective they apply:**

F1-A: Improve understanding of basic life history requirements, population trends, and habitat preferences of all species of anadromous salmonids in the Scott River watershed.

F1-A.b: Support and encourage studies of life history patterns and identify limiting factors for Scott River watershed anadromous salmonid stocks.

**3. Location:** Existing habitat typing data can be utilized to identify reaches in tributaries and mainstem that have habitat characteristics utilized by coho salmon for summer rearing (pools and cover). Landowner access will define feasibility of reach location. Need reaches on tributaries and mainstem Scott to determine relative distribution between all available habitats.

**4. Tasks:**

- 1) Identify reaches in tributaries and mainstem Scott River for biological assessment of 0+, & 1+ coho habitat utilization.
- 2) Assess biological utilization of individual habitats in reaches. Determine density of utilization for habitat types.
- 3) Determine available summer coho rearing capacity of Scott River through analysis of available habitat (habitat typing data) and utilization densities found in this study.
- 4) Identify key habitat types for protection, enhancement, and restoration.
- 5) Perform pilot project to restore key summer rearing habitat features.

**5. Methods:**

- 1) Reaches for habitat utilization surveys will be chosen using: existing habitat typing data, ability to access the land, and professional judgment. Tributary and mainstem reaches should be included.
- 2) Assessment of actual habitat utilization will be done through direct observation (snorkel diving). Present fish will be identified by species and age class. The efficacy of direct observation can be verified through electro-fishing. The area/volume of individual habitats will be measured and used to determine density of utilization for each habitat.
- 3) Summer carrying capacity will be assessed through the integration of existing habitat typing data and the utilization coefficients developed through this study.
- 4) Key physical features and habitat types used for rearing by coho salmon in the Scott River will be identified. Allowing for the identification of the extent of these features and their protection and enhancement.
- 5) A pilot project restoring key habitat features to a reach will be performed.

**6. Timeline:** Preliminary work to develop location of reaches, gather landowner access and prepare a field crew should be started 4-6 weeks before the beginning of on the ground surveys (Mid-June to July, 2005). Ground surveys should be performed during the low flow period of August – September, 2005(0+) and

following winter, March-April(1+). Surveys could take up to 600 hours of crew time but would be dependent on the extent of surveys. Data analysis and report writing would be complete by March 2006. The restoration pilot project would be performed in June-July 2006.

### **7. Cost Approximation:**

Project coordinator for project preparation, crew management, and data analysis: 300 hours @ \$25.00/hour = \$7,500

Field Crew: 600 hours @ 15.00 = \$9,000

Equipment and mileage = \$500.00

On the ground restoration pilot project: \$3,000

**Total approximate cost: \$20,000**

**8. Matching Funds Available:** USFS could offer professional help with study design and training of crews.

### **References: Literature Cited**

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- Hankin, D.G., and Reeves, G.H. 1988. Estimating total fish abundance and total habitat area in small streams based on visual estimation methods. *Can. J. Fish. Aquat. Sci.* **45**: 834-844.
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- Northcote, T.G., and Wilkie, D.W. 1963. Underwater census of stream fish populations. *Trans. Am. Fish. Soc.* **92**: 146-151.
- Seber, G.A.F. 1982. *The estimation of animal abundance and related parameters.* Macmillan Publishing Co., New York.

**SCOTT RIVER WATERSHED COUNCIL  
FORMAT FOR PROPOSAL**

**Name of proposer:** LFA-Fish Committee – Erich Yokel

**Date:** 3/3/04

**Name of Project:** Riparian Restoration Analysis and Pilot Project

**Project Category/Type:** Riparian/Enhancement

**ID #:** 200402-R02

**Landowner approval:**

Landowner access will be needed to perform on the ground monitoring of existing riparian restoration projects – should have high occurrence of approval because access was initially granted to perform restoration. Landowner approval would be necessary to perform riparian restoration pilot project.

**1. Background, need, watershed and species benefited:**

The riparian corridor plays a large role in several essential features of aquatic habitat. A healthy riparian corridor provides: bank stability, cover, wood recruitment, thermal regulation, a buffer to adjacent land use, and a source of food. Various agencies have performed riparian protection and restoration efforts in the Scott Valley – extensive exclusion fencing and some riparian planting projects. Currently, no central database or spatial representation (map) exists that inventory the existing riparian restoration efforts performed in the Scott Valley. Additionally, no concerted effort has been made to monitor the success of these restoration and protection projects. A mapping and monitoring of existing projects will allow managers to see what restoration has previously been performed and the relative efficacy of the restoration efforts. This information can then be analyzed by an expert, to develop specific restoration methods for the different landscapes of the Scott River.

An inventory of riparian condition on the mainstem Scott was performed by the SRCD in the early 1990's (A. Lewis, 1992). Currently, the NCRWQCB is performing an riparian analysis and model of the Scott Valley's present state. Coordination of these efforts will produce a summary of the present state of the Scott. Areas identified as offering the greatest need and feasibility for restoration and protection efforts will be identified and pilot projects will be pursued in these reaches. The protocols developed through the monitoring of preexisting restoration efforts can be utilized in these pilot project sites. The pilot project can then be monitored and ideal restoration methods can be identified.

**2. Objectives of the project or study and to which Council (committee) objective they apply:**

F2-D: Inventory and evaluate riparian conditions as they affect fish habitat

F2-D.b: Review existing and conduct new riparian inventories on significant tributaries to assess the quality and quantity of riparian conditions and determine priorities for habitat restoration.

**3. Location:** Riparian corridor of Scott River Main Stem and tributaries. Pilot projects will be performed in identified key watersheds on West Side and East Side (e.g. Kidder Cr and East Fork Scott) based on findings of analysis.

**4. Tasks:**

- h. Inventory and map existing riparian protection and restoration projects
- i. Monitor existing riparian restoration for current state and effectiveness of method
- j. Use expert judgment to develop effective restoration and protection methods for various landscapes of the Scott Valley
- k. Compile inventories of current riparian condition to identify areas that would most benefit from riparian restoration/protection and select site(s) to perform pilot project.
- l. Utilize NCRWQCB riparian shading model and fish rearing information to verify prioritization of riparian sites.
- 6) Establish pilot project to ground test riparian restoration methods – perform pilot project on West Side and East Side streams.

## 5. Methods:

### Phase I

- 1) gather existing past project data – enter into data base and ArcInfo.
- 2) monitor subset of past projects (stratify by landscape, climate, channel type, etc.) for plant survival and robustness.

### Phase II

- 1) use expert opinion(ex Wayne Elmore) and results of project monitoring to develop effective restoration methods for different landscapes.
- 2) Review data on current riparian corridor to determine areas lacking functioning riparian corridor.
- 3) Choose reaches to develop riparian restoration pilot project. Use NCRWQCB's stream shading model to determine potential effectiveness.

### Phase III

- 1) Perform riparian restoration and protection utilizing methods determined most effective by expert.
- 2) Monitor pilot project for survival and robustness of restoration effort.

## 6. Timeline:

- a. **Phase I & Phase II.** 6 months after funding received.
- b. **Phase III.** 6 months for project, 2 years to monitor

## 7. Cost Approximation:

Phase I	\$9,000
Phase II	\$3,750
Phase III	\$5,000 Pilot Project \$3,000 to monitor
<b>Total</b>	<b>\$23,250 ****Broad Estimate*****</b>

8. **Matching Funds Available:** Could get fencing done by NRCS. Using information and models developed by NCRWQCB (Bryan McFadin).

**SCOTT RIVER WATERSHED COUNCIL  
FORMAT FOR PROPOSAL**

**Name of proposer:** Gary Black

**Date:** 2/12/2004

**Name of Project:** Shackleford/Mill Water Quality Improvement Project – Phase II

**Project Category/Type:** Water Quality/Enhancement

**Landowner approval:** Yes

**1. Background, need, watershed and species benefited:**

The Shackleford/Mill Creek sub-basin is a major tributary to the Scott River. Mill Creek has year round surface flows while a two-mile portion (above Mill/Shackleford confluence) of Shackleford Creek dries up each summer (alluvial fan). The Mill/Shackleford drainage is considered one of the most prolific salmon and steelhead producing tributaries in the Scott River drainage. Water temperatures remain cool throughout the summer, providing summer refugia for cold-water species.

The property owner is a cattle operator who is interested in eliminating tail water that currently enters Mill Creek just above (400 feet) its confluence with Shackleford Creek. The tail water generates from a large spring and water diverted from Shackleford Creek. The site for the tail water return project is off channel (approximately 20 feet in elevation above the stream and 400 feet away).

**2. Objectives of the project or study and to which Council (committee) objective they apply:**

- Eliminate or dramatically reduce tail water from entering the stream during irrigation season (late spring and summer) by constructing a tail water return system.
- Increase water efficiency by reusing tail water. Due to numerous variables, this proposal should not be viewed as a proposal which will reduce flows diverted from Shackleford Creek, as instances of this occurring will be infrequent and not dependable.

**3. Location:**

Mill Creek

**4. Tasks:**

- m. Install junction box
- n. Install return pipe
- o. Rebuild diesel pump and install with control valves
- p. Trial and refinement: When the system is installed we will perform trial runs to refine the design. Likely refinement will be improving holding time of ponds and improving overflows under different flow regimes.

**5. Methods:**

Our approach is to develop a system that functions over a variety of flow regimes and capable of being over topped or “storm proofed” without significant damage.

This is the second phase of the initial project proposal where the ponds have already been completed for the purpose of providing a sediment/nutrient catch basin for tail water, which will return to Mill Creek when irrigation is not occurring.

**6. Timeline:**

- q. Winter 2004 through spring 2005: install junction box, return pipe, and install rebuilt diesel pump and control valves
- r. April 2005-April 2006: trial and refinement

**7. Cost Approximation:**

TBD

**8. Matching Funds Available:**

TBD

**Schedule of Committee Meetings: May 2003 - August 2004**

Appendix B -Schedule

<b>Executive</b>	8/4/2003		<b>Land</b>	5/21/2003
	9/9/2003			7/29/2003
	10/15/2003			11/13/2003
	1/7/2004		<b>Monitoring</b>	6/3/2003
	3/8/2004			10/9/2003
	4/5/2004			1/14/2004
	5/24/2004			
<b>Fish</b>	6/25/2003	Full Committee	<b>Outreach</b>	5/8/2003
	6/25/2003	Sub-Committee		9/24/2003
	8/8/2003			1/15/2004
	9/11/2003			5/25/2004
	9/23/2003			7/14/2004
	10/15/2003		<b>Technical</b>	2/13/2004
	1/6/2004			
	1/22/2004		<b>Water</b>	5/23/2003
	2/6/2004			6/25/2003
	3/5/2004			7/8/2003
	3/25/2004			11/4/2003
	4/9/2004			1/8/2004
	6/4/2004			1/20/2004
	6/25/2004			2/27/2004
	7/22/2004			3/24/2004
	8/13/2004			5/27/2004

**Documentation of Meeting**

**Name:** Technical Committee  
**Date/Time:** February 13, 2004 9:30am  
**Location:** Scott Valley Bank, Fort Jones  
**Documented By:** R.Muse

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**Present:** Jennifer Silveira, Bill Krum, Danielle Quigley, and Rhonda Muse

Due to the lack of attendance, we discussed the support of proposals but were unable to rank them. Email comments were made available to give support.

**Proposals for review and outcome:** For ease of review, each proposal was given an item number, as follows –

<i>Item#</i>	<i>Description</i>	<i>Rating Required</i>	<i>Notes/Follow Up Required</i>
1	Evaluation of Riparian Restoration Program	N/A	<ul style="list-style-type: none"> <li>Funding is available through Planning and Assessment</li> <li>Concept was previously approved in 1997 and 2001</li> <li>Group supports project</li> </ul>
2	Riparian Restoration Analysis and Pilot Project	N/A	<ul style="list-style-type: none"> <li>Proposed by the LFA/Fish Committee</li> <li>Need cost estimates but idea is supported by Tech Committee</li> </ul>
3	Survey of coho salmons utilization of rearing habitat	N/A	<ul style="list-style-type: none"> <li>Need to include a task for a biological assessment of 1+ coho habitat utilization</li> <li>Include ground surveys and provide additional cost for survey</li> <li>Tech committee supports proposal with suggested changes</li> </ul>
4	Assessment of Fry Emergence Timing and Utilization of Habitats by Fry	N/A	<ul style="list-style-type: none"> <li>Need more information</li> <li>Tech committee requests Fish Committee to provide clarification of purpose and expected results</li> </ul>
5	Mapping of Potential Summer Rearing Habitat	N/A	<ul style="list-style-type: none"> <li>Clarify this would expand the current habitat typing program</li> <li>Tech Committee supports proposal</li> <li></li> </ul>

6	Aerial Photo Analysis	N/A	<ul style="list-style-type: none"> <li>• Funding is available through Planning and Assessment</li> <li>• Need to add a question or remark to include how the results of this analysis could be used in a water consumptive model.</li> <li>• Field work is required, not 'might be'</li> <li>• Locations should include Etna Creek and McConaughy Gulch</li> <li>• Research estimates of ET rates might be a 2<sup>nd</sup> phase if too expensive</li> <li>• Modify the budget to provide necessary funds for a good product</li> <li>• Tech Committee supports proposal with suggested changes</li> </ul>
7	Shackleford/Mill Water Quality Improvement Project – Phase II	N/A	<ul style="list-style-type: none"> <li>• This proposal is for the second phase of a previous proposal approved in 2001 (2002?)</li> <li>• Tech Committee supports proposal</li> </ul>

**Summary:**

- All proposals, with the exception of #4, were found to be necessary and useful for completing specific actions within the SAP.
- Some may be combined when applying for funds as a way to get more bang for the buck.

**Meeting adjourned 10:45am.**

**Documentation of Meeting**

**Name:** Outreach Committee  
**Date/Time:** May 8, 2003 4:00pm  
**Location:** RCD Office  
**Documented By:** R.Muse

**Present:** Carolyn Pimentel, Ernie Wilkinson, Becca Kreidler, Liz Bowen, Julia Schreiber and Rhonda Muse

**Purpose:** To discuss 3 agenda items.

**Discussion related to agenda items:**

Text in **bold** refers to text added to agenda item, or a committee action if indicated in the discussion notes.

Text in ***bold/italics*** refers to follow up assignments.

✧ Bullets denote discussion notes

\*\* Asterisks denote correction to the minutes (after review by committee members)

Topic	Tasks	Track	Assignment/Follow Up
1. Watershed Fair	a) Review Tracking document and discuss progress ✧ Roundtable updates were provided and will be documented on the tracking sheet. ✧ Need 16 tables for displays ✧ Request to have prizes for Fish Booth and Interactive Poster ✧ Refreshments, Julia reported that contacts made are not interested, Jim Morris will be verifying FFA bbq (tomorrow). How many to feed?? Our hopes are big but Julia reported Jim stated probably 200 at most. Go with Jim's number as he would know best. ✧ Need to verify which room at EHS will be used (multi purpose room already has tables) ✧ Confirmed 10 pies for pie auction, requesting 5-10 more ✧ Cancelled ecosystem display	Council Project	<p><b><i>Rhonda will provide promotional items for handouts/prizes</i></b></p> <p><b><i>Julia to confirm room at EHS</i></b></p> <p><b><i>Julia to confirm FFA bbq</i></b></p> <p><b><i>Liz, Julia, and Becca will meet on Monday regarding banners and fliers</i></b></p>

	<ul style="list-style-type: none"> <li>✧ Removed Photo-points over time</li> <li>✧ Removed 3-D relief map</li> <li>✧ Etna Elem 21<sup>st</sup> Century will provide habitat typing display</li> <li>✧ Request to include gardening display</li> <li>✧ Advertisement to hit radio and newspapers this week, need large banners for Fort Jones and Etna and fliers to handout to students the day before fair</li> </ul>		
2. SAP Actions	<ul style="list-style-type: none"> <li>✧ The group identified actions for immediate, short, mid, and long terms.</li> <li>✧ Information will be used to update SAP</li> </ul>	Council Project	<i>Rhonda to update SAP</i>
3. Coho recovery team recommendations	<p>a) Need to review Education and Outreach Recommendations for input</p> <ul style="list-style-type: none"> <li>✧ Question regarding Lead column: Is this mandated? How enforced? How are multiple leads coordinated?</li> <li>✧ Comment regarding Lead column: This should be voluntary coordination and not mandated.</li> <li>✧ RE: EO-4; ‘Enhance funding for school systems...’ how is this different from watershed education through RCD/SRWC?</li> <li>✧ RE: EO-7; do not agree with opinion-editorial and interviews as this would assume being a journalist and SRWC is listed.</li> <li>✧ RE: EO-8; change ‘Use outside media professionals...’ to ‘Obtain funds to contract with outside media professionals...’</li> <li>✧ RE: EO-10; Questioning the content of a Power Point presentation, what should be included?</li> <li>✧ RE: EO-13; remove indication of specific fish species. SRWC is implementing an annual watershed</li> </ul>	Council Project	

	fair where all anadromous fish would be included. ✧ RE: EO-15; Change from quarterly to annual.		
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**Next meeting:** TBD

**Potential agenda items:**  
Post-review of watershed fair

**Adjourned: 5:50pm**

**Documentation of Meeting**

**Name:** Outreach Committee  
**Date/Time:** September 24, 2003 7:00pm  
**Location:** RCD Office  
**Documented By:** R.Muse

**Present:** Carolyn Pimentel, Ernie Wilkinson, Danielle Quigley, Gareth Plank, and Rhonda Muse

**Purpose:** To discuss 2 agenda items.

**Discussion related to agenda items:**

Text in **bold** refers to text added to agenda item, or a committee action if indicated in the discussion notes.

Text in ***bold/italics*** refers to follow up assignments.

✧ Bullets denote discussion notes

\*\* Asterisks denote correction to the minutes (after review by committee members)

<b>Topic</b>	<b>Tasks</b>	<b>Track</b>	<b>Assignment/Follow Up</b>
1. Education Coordinator	b) Review qualifications and make recommendation ✧ 4 applicants were reviewed ✧ Criteria for ranking including background in natural resources, experience with students, and organizational skills. ✧ The group agreed to recommend Crystal Bowman as first choice and Lauren Sweezey for second choice based on qualifications meeting the criteria. ✧ The group also agreed that Kay Hayden would be of value in the right circumstances and would consider her assistance if necessary.	Council Project	
2. Farm Bureau dinner	✧ Discussion regarding what and who would represent the RCD/SRWC at this event. ✧ It was agreed that Carolyn and Rhonda would put together a display and Carolyn would attend.	Informational	

<p>3. Future of Outreach Committee</p>	<ul style="list-style-type: none"> <li>✧ Rhonda requested input regarding participation in this committee. Comments are:</li> <li>✧ Not a lot of pertinent issues for the group</li> <li>✧ Education is a high priority</li> <li>✧ Need to work to increase partnerships</li> <li>✧ ‘bring a friend’ concept would help</li> <li>✧ emergency situations or free items will gain participation</li> <li>✧ need to educate ourselves on issues</li> <li>✧ encourage other committees to submit items</li> <li>✧ idea to speak to a journalism class and obtain pictures and essays by students (for use in newsletters and presentations)</li> </ul>	<p>Council Project</p>	
<p>4. Scholarship</p>	<ul style="list-style-type: none"> <li>✧ need to establish criteria of donation made by SRWC using funds raised at watershed fair.</li> <li>✧ Suggestions: commitment or contribution to watershed stewardship and natural resources</li> <li>✧ Suggestion: participation in SRWC an activity</li> </ul>	<p>Council Project</p>	<p><i>Carolyn to locate old scholarship file then discuss format and level of details to be submitted</i></p>

**Next meeting:** TBD

**Potential agenda items:**  
None identified

**Adjourned: 8:20pm**

**Documentation of Meeting**

**Name:** Outreach Committee  
**Date/Time:** January 15, 2004 9:00am  
**Location:** RCD Office  
**Documented By:** R.Muse

**Present:** Carolyn Pimentel, Ernie Wilkinson, Crystal Bowman, Ric Costales, Mary Roehrich, and Rhonda Muse

**Purpose:** To discuss 3 agenda items.

**Discussion related to agenda items:**

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<b>Topic</b>	<b>Tasks</b>	<b>Track</b>	<b>Assignment/Follow Up</b>
1. Watershed Fair	c) Use of County fair? ✧ There was discussion about paying for space at the County fair and/or having a booth at the Scott Valley Flea Market ✧ The group agreed having a single 'watershed fair' would not bring as many people as incorporating it into another event ✧ County fair would depend on availability of space. Carolyn will check on space and cost. ✧ People willing to work the booth is Rhonda, Crystal, and Ric (weekend only). Suggestion made to draft high school students to help with booth. ✧ Ric suggested that SOSS may not use their space next year and will check if they are willing to give it up. ✧ Options for fair activities include:	Council Project	<p><b><i>Carolyn to contact Siskiyou County fair for information about cost</i></b></p> <p><b><i>Crystal to make sure student displays are available</i></b></p> <p><b><i>Ric to contact SOSS</i></b></p> <p><b><i>Rhonda to contact Kathy Murray</i></b></p> <p><b><i>Discuss Theme at next meeting</i></b></p>

	<p>River Cutters (see Office of Education)  Wildlife representation (see Brian Woodbridge at FWS)  Student displays from Watershed Education  Promotional – poll the community (save for flea market)  Display the outdoor garden at Etna Elementary School through pictures or a video walk-through</p> <ul style="list-style-type: none"> <li>✧ Need to establish a theme that includes vision, education, and participation in SRWC</li> <li>✧ Participation in the Scott Valley Flea Market was discussed as an alternative or do in addition to County fair. Need to talk with Kathy Murray regarding space size and cost</li> </ul>		
<p>2. Newsletter</p>	<ul style="list-style-type: none"> <li>✧ Rhonda requested article ideas and contributions</li> <li>✧ Danielle will provide an article on coho spawning surveys</li> <li>✧ Include the French Creek demonstration project</li> <li>✧ Include 2 year actions</li> <li>✧ Include a cartoon on outside cover, ideas are ‘road block’ and ‘everyone lives downstream’, still need person to draw cartoon</li> <li>✧ Advertise workshops, Wayne Elmore and Biomass</li> <li>✧ For the April newsletter:</li> <li>✧ Article on biomass by Ric</li> <li>✧ Article on watershed education by Crystal</li> <li>✧ Expand workshop information</li> <li>✧ Article to report RCD information</li> <li>✧ Some discussion regarding an idea to combine newsletters and the RCD annual report was held. The group felt the SRWC as a whole should discuss and provide comment</li> </ul>	<p>Council Project</p>	<p><i>Danielle to provide coho spawning survey article.</i></p> <p><i>Ric to provide Biomass article for April</i></p> <p><i>Crystal to provide watershed education article for April</i></p> <p><i>Carolyn to provide RCD article for April</i></p> <p><i>Rhonda to find cartoonist</i></p>
<p>3. Workshops</p>	<ul style="list-style-type: none"> <li>✧ Groundwater Study: The Water Committee is to provide the proposal/concept. Workshop for this topic</li> </ul>	<p>Council Project</p>	<p><i>Need to work closely with Water Committee</i></p>

	<p>should include 1) Mike Deas talk; 2) DWR – groundwater division; and 3) Water Rights to address the legalities</p> <ul style="list-style-type: none"> <li>✧ All methods and costs need to be included in the workshop and consider landowner acceptance of the information</li>   <li>✧ Sustainability/Biomass workshop is being prepared for March 13 (see handout)</li>   <li>✧ Wayne Elmore – Riparian Repair workshop is being prepared for April 15<sup>th</sup> at the SQIF meeting. The concepts will include improving flows and vegetation management</li> </ul>		
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**Next meeting:** TBD

**Potential agenda items:**  
Theme for fair booth

**Adjourned: 11:00am**

**Documentation of Meeting**

**Name:** Outreach Committee  
**Date/Time:** May 25, 2004 9:30am  
**Location:** RCD Office  
**Documented By:** R.Muse

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**Present:** Carolyn Pimentel, Ernie Wilkinson, Crystal Bowman, Mary Roehrlich, and Rhonda Muse

**Purpose:** To discuss 4 agenda items.

**Discussion related to agenda items:**

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<b>Topic</b>	<b>Tasks</b>	<b>Track</b>	<b>Assignment/Follow Up</b>
1. Committee Chair	Nominee Mary Roehrlich ✧ Mary Roehrlich accepted the nomination as chair of the Outreach Committee. ✧ By common consent the committee agreed that Mary would hold this title and have a seat on the Executive Committee ✧ Mary's teaching credentials will benefit educational aspects of this committee.	Informational	
2. 35 minute video	Watershed Outreach Campaigns ✧ The group watched a 35 minute video which used four watershed campaigns as examples of the various ways they used a 6-step approach to outreach. ✧ After the video, the group discussed how we could use some of the ideas. ✧ Ernie suggested we find a 'theme' or 'slogan'.		



	<ul style="list-style-type: none"> <li>✧ The group spent some time brainstorming values and slogans. This resulted in the following values:             <ul style="list-style-type: none"> <li>▪ Respect for Historical Perspectives</li> <li>▪ Maintaining Open Space</li> <li>▪ Balanced Use of Healthy Resources - which include; water, timber, agriculture, scenic landscapes, herds, and wildlife</li> <li>▪ Sustaining Rural Lifestyles – which includes rural towns</li> </ul> </li> <li>✧ The final slogan agreed upon is:  <b>WORKING TOGETHER FOR BALANCE</b>                      (followed by Scott River Watershed Council)                      (slogan can be used with several eye-catching graphics)</li> </ul>		
<p>3. County Fair Display/Posters</p>	<ul style="list-style-type: none"> <li>✧ We have confirmation of a 10x10 space in the Ag-Hort building</li> <li>✧ Rhonda shared the hours to be covered and will compile a list of volunteers to man the booth.</li> <li>✧ Crystal will check if high-school students can help with any hands-on activity we provide.</li> <li>✧ Posters are needed to indicate programs, etc. Rhonda announced she will be going to FWS today and see how to format large posters.</li> <li>✧ Mary volunteered to help with poster layouts.</li> </ul>	<p>Council Project</p>	
<p>4. Drawing Contest</p>	<ul style="list-style-type: none"> <li>✧ Rhonda shared an idea to promote a drawing contest for kids. The theme would be ‘I Live In A Watershed’. Prizes could include backpacks with school supplies or gift certificates at stores children love to visit.</li> <li>✧ Funding for prizes has been requested as a part of the new Education and Communication proposal.</li> <li>✧ Donations would be another method for providing</li> </ul>		



**Documentation of Meeting**

**Name:** Outreach Committee  
**Date/Time:** July 14, 2004 9:00am  
**Location:** RCD Office  
**Documented By:** R.Muse

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**Present:** Carolyn Pimentel, Ernie Wilkinson, Crystal Bowman, Mary Roehrich, and Rhonda Muse

**Purpose:** To review fair display and posters.

**Notes:** The committee reviewed 12 posters ready for display at the Siskiyou Golden Fair. Crystal provided display items from local schools and will inquire about items from Jim Morris at Etna Union High School. Items still needing to be addressed is a poster representing Water Supply and Water Quality. The Riparian Enhancement and Fuel Reduction posters still need to be completed.

Carolyn suggested the 'Our Partners' poster clarify partners as funders and cooperators. Carolyn also suggested we add SSRT and SOSS to the list of names. It was agreed SSRT should be added as we had an assigned seat to that group. There was a split decision about whether or not to add SOSS, the committee felt the Executive Committee or full SRWC be polled before making a decision.

Overall the committee felt the posters were a good tool for educating the public about the SRWC and stated they were easy to read and included meaningful information.

**Next meeting:** TBD

**Adjourned:** 10:15am

**Documentation of Meeting**

**Name:** Monitoring Committee  
**Date/Time:** June 3, 2003 9:00am  
**Location:** Stage Stop Deli, FJ  
**Documented By:** R.Muse

**Present:** Kelly Conner, Danielle Quigley, Mark Hampton, and Rhonda Muse

**Purpose:** To discuss Monitoring Program.

**Discussion related to agenda items:**

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Topic	Tasks	Track	Assignment/Follow Up
1. Review guiding questions	a) Are the questions provided in the Oregon Watershed Manual (OWM) appropriate for our use? <ul style="list-style-type: none"> <li>• Need to add section for historical conditions (use questions that relate to SAP items)</li> <li>• Critical component is floddplain, wetlands, and disturbance (historical)</li> <li>• Current components of the OWM should be used in the format for program. Work to fit our info into new format.</li> <li>• What Channel Habitat Type (CHT) is to be used? Rosgen or DFG? Probably DFG. Channel morphology is preferred (depth, width, etc) as CHT's change with flow.</li> <li>• Suggestion to organize components from upland to stream channel. Add approach to describe how, then organize content to follow approach.</li> <li>• TMDL and Sari's 1989 report will address sediment budget</li> </ul>	Council Project	<p><b><i>Rhonda to pull info from SAP for historical conditions</i></b></p> <p><b><i>RM &amp; DQ, locate and distribute Monitoring Policy (USFS – see Jim K.)</i></b></p> <p><b><i>Kelly/DQ to provide mining map</i></b></p>

	<ul style="list-style-type: none"> <li>• Water use – USGS available since 1942</li> <li>• Hydrology – add groundwater</li> <li>• Riparian &amp; Wetlands condition – riparian conditions would be good study project. Stratisfy using Rosgen to get parameters, suggestion/potential to restore floodplain within existing channel (need to know how much land is required for set back levees) (see French Creek set back levees). Focus study; possible use of areas within those limits already having fencing (start @ top), include noxious weeds.</li> <li>• Sediment – identify sources and load</li> <li>• Water Quality – what is outstanding resource water?</li> <li>• Watershed condition evaluation – reference portions within each component, retain summary section at end of document.</li> <li>• Draft format – Danielle started working on it and found much info needs to be determined, the committee agrees to continue completing and leave areas blank to be identified as gap fill info</li> <li>• Flowchart – recommended to show big picture of program/plan.</li> </ul>		<p><i>Kelly to email questions to RM</i></p> <p><i>RM to reformat questions into table and distribute as working copy</i></p>
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**Next meeting:**        **July 23, 2003**  
                                 **9:00am**  
                                 **Stage Stop Deli, Fort Jones**

**Agenda items:**        Further review of program and plan.

**Adjourned:**    **10:40am**

**Documentation of Meeting**

**Name:** Combined Monitoring/Fish/Water Committees  
**Date/Time:** October 9, 2003 4:00pm  
**Location:** RCD Office  
**Documented By:** R.Muse

**Present:** Danielle Quigley, Ken Maurer, Don Flickinger, Jim Kilgore, Gary Black, Rebekah Sluss, Vinnie McNeil, Sari Sommarstrom, Bill Bennett, and Rhonda Muse

**Purpose:** To discuss 2 agenda items.

**Discussion related to agenda items:**

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Topic	Tasks	Track	Assignment/Follow Up
1. Precip Gaging	b) Review suggested locations <ul style="list-style-type: none"> <li>• Danielle distributed document from Mike Deas</li> <li>• Jay also provided suggestions to Danielle after his review (he was not present to discuss personally)</li> <li>• Danielle provided a spreadsheet of the proposed locations based on Mike’s recommendations and Jay’s suggestion to spread at 500 feet or so to get elevation difference.</li> <li>• Gary described importance of getting data on each stream having flow gages.</li> <li>• Bill stated caution of staff time for monitoring.</li> <li>• Vinnie supported additional data. Suggested obtaining citizen assistance if needed.</li> <li>• Snow sites would be important. 1 to be placed in Sugar Creek area. Questioned wilderness areas (French and</li> </ul>	Council Project	

	<p>Shackleford). Callahan summit proposed.</p> <ul style="list-style-type: none"> <li>• Sari stated the number of precip gages may be too ambitious, do we need this many? What is realistic to monitor?</li> <li>• Concerns; being spread too thin and not focusing dollars on other priorities.</li> <li>• What is budget for equipment and staff time? Danielle responded stating we have enough funds for the next 2 years.</li> <li>• Approximately \$56k is available through DFG and is to be used as a contribution to the water balance model.</li> <li>• Other uses may include upland consumption and ET</li> <li>• Suggestion to use some of the DFG funds for ET</li> <li>• Other comments: we now have 5 snow stations. Consider how data would be used (? Flow or use of water). This may determine priority locations</li> <li>• Need to prioritize objectives</li> <li>• Equipment should be obtained soon (8 rain and 3 snow)</li> <li>• Objectives identified as follows:             <ul style="list-style-type: none"> <li>• 1. Water Balance (goal) (study)</li> <li>• 2. Water Trust (data)</li> <li>• 3. Correlation of run off (data)</li> <li>• 4. Isohyetal lines = reevaluate (study)</li> </ul> </li> </ul>		<p><i>Need to check with Steve Orloff regarding cost and product for ET purposes</i></p> <p><i>DQ to prepare list of prioritized locations and annual budget based on the 4 objectives</i></p>
<p>2. Monitoring Plan</p>	<p>a) Reviewed and provided input on the draft plan</p> <ul style="list-style-type: none"> <li>• Jennifer added bullet on page 2, under Methods, stating to coordinate efforts among active parties. The group felt this would best be placed under Objectives.</li> <li>• Question: are appendices available? Some are.</li> <li>• RE: Background:</li> <li>• Need to reference French Creek Monitoring Plan in background information.</li> <li>• Add text regarding impending state listing in 1<sup>st</sup> paragraph.</li> <li>• Include 'flow' in 1<sup>st</sup> paragraph</li> </ul>		<p><i>Rhonda and Danielle to incorporate suggested changes prior to further review.</i></p> <p><i>Email updated version to committees prior to future meeting.</i></p>

	<ul style="list-style-type: none"> <li>• Move 3<sup>rd</sup> paragraph to beginning and 1<sup>st</sup> to last under the background section.</li> <li>• RE: Purpose/Goal:</li> <li>• Include cooperation statement and reference to compliance.</li> <li>• Under ‘Goal’, remove word ‘monitoring’ in 1<sup>st</sup> sentence</li> <li>• Use ‘existing, proposed, and future restoration’</li> <li>• RE: Objectives:</li> <li>• Add water quantity to 1<sup>st</sup> bullet.</li> <li>• Add riparian to fish habitat (1<sup>st</sup> bullet)</li> <li>• New Objective: coordinate efforts among other interested parties in order to avoid duplication of and to share data.</li> <li>• Last bullet, add reference to analysis</li> <li>• RE: Methods:</li> <li>• Reformat to show all types then methods for each</li> <li>• Define use of QA/QC under methods.</li> <li>• FYI - see DFG website/watershed and salmon project effectiveness evaluation.</li> <li>• Add component/reference to effectiveness and implementation monitoring in French Creek Monitoring Plan to improve use of these terms (need to expand the definition)</li> </ul>		
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**Next meeting: TBD**

**Agenda items:** Further review of program and plan.

**Adjourned: 6:00pm**

**Documentation of Meeting**

**Name:** Monitoring/Fish/Water Committee  
**Date/Time:** January 14, 2004 9:30am  
**Location:** RCD Office  
**Documented By:** R.Muse

**Present:** Kelly Conner, Danielle Quigley, Jennifer Silveira, and Rhonda Muse

**Purpose:** To discuss finalizing the Monitoring Plan.

**Discussion related to agenda items:**

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Topic	Tasks	Track	Assignment/Follow Up
1. Review draft Monitoring Plan	<ul style="list-style-type: none"> <li>• Kelly made further text contributions and supplied a suggested format.</li> <li>• The group agreed to use headings and sub-headings where necessary then create a table of contents</li> <li>• Headings would be as follows:               <ul style="list-style-type: none"> <li>Introduction</li> <li>Background</li> <li>Goals/Objectives</li> <li>Glossary of Terms</li> <li>Watershed Monitoring                   <ul style="list-style-type: none"> <li>Current Conditions/Baseline Assessment</li> <li>Trend Monitoring</li> <li>Modification of Monitoring Program                       <ul style="list-style-type: none"> <li>Schedule of Parameter Reassessment</li> </ul> </li> </ul> </li> <li>Project Monitoring</li> <li>Reports</li> </ul> </li> </ul>	Council Project	<p><b><i>Rhonda to update Plan document</i></b></p> <p><b><i>Danielle to update study designs for each parameter</i></b></p> <p><b><i>Need future presentation to SRWC (most likely April SRWC meeting)</i></b></p>

	<p>Management Policy Landowner Participation Appendices</p> <ul style="list-style-type: none"><li>• Reports: Need to specify quarterly and annual reports</li><li>• Discussed study designs and modified content for each parameter to provide clarity and to fill in blank fields</li><li>• Study designs should include how data will be handled (ie. comparisons)</li><li>• Group agreed that with these changes the Monitoring Plan was in acceptable condition for the funding agency. Still need SRWC final approval.</li></ul>		
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**Next meeting: TBD**

**Adjourned: 11:30am**

**Documentation of Meeting**

**Name:** Land Committee  
**Date/Time:** May 21, 2003 7:00pm  
**Location:** RCD Office  
**Documented By:** R.Muse

**Present:** Ernie Wilkinson, Ted Tsudama, Gareth Plank, Bill Gardiner, Carolyn Pimentel, Alan Kramer, and Rhonda Muse

**Purpose:** To discuss 5 agenda items

**Discussion:**

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Topic	Tasks	Track	Assignment/ Follow Up
1. Review and prioritize strategic actions	a) Need to indicate immediate, short, mid, and long term actions <ul style="list-style-type: none"> <li>▪ The group reviewed each action item and made some adjustments to content and order of objectives and action items.</li> <li>▪ Rhonda will be reviewing overall content and make necessary modifications in the Strategic Action Plan</li> </ul>	Council Project	<b><i>Rhonda to update SAP</i></b>
2. Fire Safe Rebate Program for private landowners	a) Presentation by Ted Tsudama. <ul style="list-style-type: none"> <li>✧ Ted described the acre for acre rebate program by the Oregon Department of Forestry (ODF).</li> <li>✧ Program is open to any private landowner that wants to treat around structures/buildings</li> <li>✧ A forest officer is sent to property and completes a Wildland Urban Interface Form and provides a list of contractors to the landowner</li> <li>✧ The landowner implements clearing then contacts ODF for inspection</li> <li>✧ ODF reviews for compliance and when completed, the inspector completes rebate forms signed by the landowner</li> </ul>	Council Project	

	<ul style="list-style-type: none"> <li>✧ Forms are submitted for rebate</li> <li>✧ In CA, there are too many regulations for CDF to initiate such a program, there is a potential for SRWC and RCD to sponsor program with technical assistance and advisory capacity by CDF</li> <li>✧ Requirements would be to provide training and hire an inspector, obtain a balloon grant for admin, forms, training, inspector, and rebates (estimate how many acres to start)</li> <li>✧ Committee agreed to pursue such a program using an allowed rebate amount of \$500 per acre for structures and a potential of \$250 for driveways and roads as a criteria for engine access</li> <li>✧ Must include language to designate qualifying property under jurisdiction of Siskiyou RCD</li> <li>✧ Grant info: Community Protection Programs 100%; BLM grants 90/10; RAC</li> </ul>		<p><b><i>Rhonda to schedule working meetings with participants to develop program.</i></b></p> <p><b><i>(Note: Rhonda described this item to the RCD Board at the June meeting and indicated \$350 rebate amount in error – Bill G. provided correct info that we had discussed up to \$500 – stated we would be working out details of program and no amount is final)</i></b></p>
<p>3. Rapid Assessment Team</p>	<p>a) Discussion with Bill Gardiner</p> <ul style="list-style-type: none"> <li>✧ Bill requested feedback from this committee in regards to their thoughts on the product (tool) compiled by the Rapid Assessment Team.</li> <li>✧ Unclear purpose for RCD &amp; SRWC; the committee members who have seen the product agreed</li> <li>✧ Carolyn and Rhonda met with the team, Dave Webb, and Dave LaPlante for a more detailed presentation. Many comments were made regarding content and requests for clarification be included in the tool.</li> <li>✧ Still need more information about how it would be useful at a local level</li> </ul>	<p>Council Project</p>	<p><b><i>Await input from Dave Webb regarding the outcome of request to change wording and include clarifying statements.</i></b></p>
<p>4. Update on Feasibility Study for Beef Marketing</p>	<p>a) Grant proposal and steering committee</p> <ul style="list-style-type: none"> <li>✧ Steering committee includes various producers including president of Cattlemens Assoc., and Siskiyou Distributing</li> <li>✧ Need to include representation from Shasta and Butte</li> </ul>		

	<p>valleys</p> <ul style="list-style-type: none"> <li>✧ Jim Cook will present proposal to City of Etna on behalf of the steering committee (June 2)</li> <li>✧ Steering committee will continue to be facilitated by SRWC until such time it need to move to a consultant or contracted project coordinator</li> </ul>		
<p>5. Upland vegetation/noxious weeds</p>	<p>a) How to address noxious weed problem</p> <ul style="list-style-type: none"> <li>✧ Ernie has been trying to work with County in regards to weed abatement program.</li> <li>✧ Pesticide regulations are putting road blocks on program.</li> <li>✧ Suggesting petition to write letters of concern to legislators</li> <li>✧ What can we do? Initiate education and rentable equipment for landowners to use (possible need for MOU with County and State to allow RCD to go out and spray)</li> <li>✧ Need noxious weed control person</li> <li>✧ Possibility of incentive for project cooperators?</li> <li>✧ Possible contracts with licensed applicators</li> <li>✧ Provide education by advertising what noxious weeds are in the area and establish a program to produce competitive species.</li> <li>✧ Critical areas to focus on are public roadsides, buffer zone (fencing) and small acre landowner</li> <li>✧ Need to know what flexibility we have for treating weeds in buffer zone?</li> </ul>		<p><b><i>Ernie to continue working with County and report back</i></b></p> <p><b><i>Rhonda to contact DFG regarding buffer zone</i></b></p> <p><b><i>Rhonda to research work in other watersheds</i></b></p>

**Next Meeting:** TBD

**Adjourned:** 9:20pm

**Documentation of Meeting**

**Name:** Land Committee  
**Date/Time:** July 29, 2003 7:00pm  
**Location:** RCD Office  
**Documented By:** R.Muse

**Present:** Ernie Wilkinson, Doug Blangsted, Tom Shorey, and Rhonda Muse

**Purpose:** To discuss 5 agenda items

**Discussion:**

Text in **bold** refers to text added/changed to agenda item.

Text in ***bold/italics*** refers to follow up assignments.

✧ Bullets denote discussion notes

\*\* Asterisks denote correction to the minutes

<b>Topic</b>	<b>Tasks</b>	<b>Track</b>	<b>Assignment/ Follow Up</b>
1. Grant Opportunity	b) Ernie to share program <ul style="list-style-type: none"> <li>▪ Opportunities for landowner funding is available through WSARE grants</li> <li>▪ Ernie requested SRWC/RCD endorsement to provide education/monitoring partnerships with landowners (growers) for sustainable agriculture mediums.</li> <li>▪ Question regarding how this could be used for beef marketing?</li> <li>▪ Applications are due by October 1</li> </ul>	Informational	<b><i>Ernie to present to Council</i></b>
2. Grassland Reserve Program	b) Ernie to describe NRCS program <ul style="list-style-type: none"> <li>✧ No action is necessary, NRCS is in charge of this program</li> <li>✧ Has potential for future presentation to SRWC</li> </ul>	Informational	<b><i>Ernie to announce to Council</i></b>
3. Fire Safe Program	b) Using ODF as model <ul style="list-style-type: none"> <li>✧ The committee agreed to use ODF as the model and to pursue grant opportunities. Doug confirmed it would not be a problem to use ODF's text as it is public information.</li> <li>✧ RCD will hire a Fire Safe Technician to perform inspections for this rebate program</li> </ul>	Council Project	<b><i>Rhonda to contact Ted Tsudama and complete the proposal for approval by SRWC</i></b>

	<ul style="list-style-type: none"> <li>✧ CDF will provide training to the Technician</li> <li>✧ Contact Ted for available funding sources</li> <li>✧ Would be valuable to seek funds for purchasing a chipper that could be used by the landowners</li> </ul>		
4. Noxious Weeds	<p>a) How do we address problem?</p> <ul style="list-style-type: none"> <li>✧ Rhonda reported she looked at how various watershed groups are handling noxious weeds and most used various methods depending on the location of problem. Also has obtained varied information about use of pesticides within the buffer zone. DFG could not provide a policy but shared information that seems to prevent the use of pesticides</li> <li>✧ Ernie has not been in touch with County Ag/Weed Abatement, however, it seems they are unable to spray due to environmental regulations</li> <li>✧ SRWC can help by further public outreach in the area of brochure distribution</li> <li>✧ Tom described how contact with pest control advisors would be helpful and provided a persons name and number to gain information about legal licensing and how to develop mitigations</li> <li>✧ Contact USFS for mapping of major intrusions, also check if County has map</li> <li>✧ Rhonda inquired about the development of a rebate program to assist landowners with the cost of weed removal, the group felt it would be worthwhile to pursue. This would require forms and visits/assessments by a weed technician for prescriptions.</li> </ul>		<p><b><i>Rhonda to contact Smokey Thornhill at County Ag Dept and the licensed pest control advisor to gain information about how to establish a rebate program</i></b></p>
5. Co-gen Plant	<p>a) Doug to present demonstration project idea</p> <ul style="list-style-type: none"> <li>✧ The Division Chief at Deadwood Camp is interested in utilizing a small plant as a demonstration project in Scott Valley</li> <li>✧ The group agrees this is a beneficial project</li> <li>✧ The first step would be to seek funds for completing a feasibility study and analyze required needs</li> <li>✧ Doug to complete 1 page proposal for SRWC</li> </ul>		<p><b><i>Rhonda to send Doug the format for proposal</i></b></p>

**Next Meeting:** TBD

**Adjourned: 8:30pm**

## Documentation of Meeting

**Name:** Land Committee  
**Date/Time:** November 13, 2003 @ 6:00pm  
**Location:** Deli in Fort Jones  
**Documented By:** R.Muse

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**Present:** Ernie Wilkinson, Alan Kramer, Ted Tsudama, Richard Christie, Mike Purdy, Perry Daniels, and Rhonda Muse

**Purpose:** To discuss Fire Safe Environment rebate program.

### Discussion related to agenda items:

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(after review by committee members)

#### 1. Program Guidelines

- ✧ The group felt we could use the guidelines as established by the Oregon Department of Forestry (ODF)
- ✧ Ted to review legality information and conform it to California standards. Will then send electronic copy to Rhonda.

#### 2. Participant Criteria

- ✧ ODF does not have priority, it is a first come first serve basis
- ✧ The group recommends we do the same
- ✧ Create a waiting list and turn over names to various fire safe councils for future work provided funding is obtained

#### 3. Reference Materials

- ✧ Should we compile a list of resources to give to property owners?
- ✧ We could solicit profiles that include experience, equipment, license/bonded
- ✧ The group felt this would be perceived as a recommendation and agreed not to provide a list of resources.
- ✧ There is language in the ODF documentation that describes methods for obtaining assistance

4. Maintenance

- ✧ Discussion regarding enforcing maintenance by the property owner resulted in identifying problems associated with such a task. Without knowing if funding would be available for this task (enforcement/monitoring), and the problem if the property is sold, the group agreed it would be best to include content of the form that is signed and leave it up to the property owner.
- ✧ We can prescribe suggestions on how to keep it maintained
- ✧ ODF form includes disclaimers we can use

5. Other Items

- ✧ In the background information we need to remove all references to 'per acre'. This rebate program is per property.

*Ted to review and update ODF documents and send electronic copy to Rhonda*

*Rhonda to update document and distribute to participants.*

**Adjourned: 7:00pm**

**Documentation of Meeting**

**Name:** Fish Committee  
**Date/Time:** June 25, 2003 11:00am  
**Location:** USFWS, Yreka  
**Documented By:** R.Muse

**Present:** Rich Klug, Jim Kilgore, Jennifer Silveira, Don Flickinger, and Rhonda Muse

**Purpose:** To discuss 4 agenda items.

**Discussion related to agenda items:**

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**Announcements:**

✧ LFA sub-committee’s agreement to acquire technical assistance to put LFA on fast track (see notes for LFA meeting)

<b>Topic</b>	<b>Tasks</b>	<b>Track</b>	<b>Assignment/Follow Up</b>
1. SAP Actions	a) Identify 2, 5, 10 year terms ✧ The group reviewed and completed the identification of terms for the Strategic Action Plan (SAP). ✧ Information will be incorporated into SAP	Council Project	<b><i>Rhonda to incorporate data into SAP</i></b>
2. Updating the Fish Plan	✧ Review Vinnie’s document. ✧ Under item 2 accomplishments, remove questions marks and input NONE. ✧ Use as an addendum to the current Fish Plan identifying the information is for partial years only. ✧ Complete further updates as necessary using FWS and CDF reports of projects to help validate numbers	Council Project	<b><i>Jennifer to provide Rhonda with FWS report (done at meeting)</i></b>

	<ul style="list-style-type: none"> <li>❖ Other needs for updating Fish Plan could not be discussed without more committee participation. Table for future agenda where committee chair will be present.</li> </ul>		
3. Emergency Water Plan	<ul style="list-style-type: none"> <li>a) SSRT, request by Gary to identify timelines</li> <li>❖ The group agreed the following timelines were necessary to address:                             <ul style="list-style-type: none"> <li>❖ Spring (June-July); outmigration, mainstem and tribs</li> <li>❖ Summer (July-September); rearing, tribs are most critical</li> <li>❖ Fall (September-December); spawning, mainstem and tribs</li> </ul> </li> </ul>	Informational	<i>Rhonda to share information with Gary</i>
4. Completing Project Proposals	<ul style="list-style-type: none"> <li>a) Idea to identify, by species and season, a list of potential projects (in coordination with SAP)                             <ul style="list-style-type: none"> <li>❖ Rhonda shared the idea of creating a chart of life cycles, and identifying seasons, for developing projects in a tier or phase approach.</li> <li>❖ Incorporate all tiers and phases into project proposals instead of using piece-meal approach of separate proposals.</li> <li>❖ This may fit into LFA process.</li> </ul> </li> <li>b) Use of sub-contractor with technical knowledge to assist SRWC Coordinator with project proposals                             <ul style="list-style-type: none"> <li>❖ Need to provide technical knowledge to help direct committee and get proposals documented.</li> <li>❖ Use of Technical Coordinator for LFA may be an option.</li> </ul> </li> </ul>	Council Project	

**Next/Future agenda items: TBD**

**Next Meeting: TBD**

**Adjourned: 12:45pm**

**Documentation of Meeting**

**Name:** LFA Sub-Committee  
**Date/Time:** June 25, 2003 9:00am  
**Location:** USFWS Conference Room, Yreka  
**Documented By:** R.Muse

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**Present:** Jim Kilgore, Don Flickinger, Jennifer Silveira, Rhonda Muse

**Purpose:** To discuss the development of the LFA process

**Discussion related to agenda items:**

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<b>Topic</b>	<b>Tasks</b>	<b>Assignment</b>
Technical Assistance	Introduce idea for putting LFA on fast track: ✧ Rhonda suggested hiring a technical person to assist with the coordination of the LFA process in order to speed up the process. ✧ Such a person would also need skills in organization, meeting facilitation, and technical writing. ✧ Rhonda has reviewed funds from the SRWC and SAP to determine available amount. Approximately \$15k can be designated for a Technical Coordinator (TC).	<i>Sub-committee members to forward other names to be considered to Rhonda</i>

	<ul style="list-style-type: none"> <li>✧ The group agreed that with current work loads, it would be beneficial to have such a person help move things along faster.</li> <li>✧ Sub-committee members suggested a few contacts and worked to design a scope of work (SOW) and list of skills needed to accomplish the tasks (see next item). The SOW will be split into 4 phases. The TC will be required to accomplish Phases I under the available funding.</li> </ul>	
<p>Scope of Work</p>	<p>The following items were listed as necessary tasks (by phase)</p> <ul style="list-style-type: none"> <li>✧ Phase I (8/1/2003-12/31/2003):             <ol style="list-style-type: none"> <li>1. Organize meetings at which the LFA committee will;                 <ul style="list-style-type: none"> <li>- List known factors</li> <li>- Identify locations</li> <li>- Record results</li> </ul> </li> <li>2. Collect and review available data to identify critical information to be included in LFA.</li> <li>3. Identify data/research needed to give credible basis for hypothesis.</li> <li>4. Generate hypothesis.</li> </ol> </li> <li>✧ Phase II (1/1/2004-5/31/2004):             <ol style="list-style-type: none"> <li>1. Research study designs and associated costs for each study</li> <li>2. Prioritize studies based on prerequisites</li> </ol> </li> <li>✧ Phase III (over 2-3 years):</li> </ul>	<p><b><i>Rhonda to write up formal SOW, skills list, and present to RCD Board.</i></b></p>

	<ol style="list-style-type: none"> <li>1. Conduct studies</li> <li>✧ Phase IV (over 2-3 years):</li> <li>1. Analyze study results and existing information</li> <li>2. Evaluate and prioritize the most limiting factors</li> <li>3. Identify possible means of removing limiting factors</li> </ol>	
<p>Skills of Technical Coordinator</p>	<ul style="list-style-type: none"> <li>✧ Organizational and meeting facilitation skills</li> <li>✧ Technical writing</li> <li>✧ Technical assessment of literature and data</li> <li>✧ Knowledge of salmonid/ fish life histories and habitat requirements</li> <li>✧ Ability to coordinate with other project coordinators, technical experts, and projects implemented within the watershed</li> </ul>	

**Next Meeting: TBD**

**Adjourned: 11:00am**

**Documentation of Meeting**

**Name:** Fish Committee  
**Date/Time:** August 8, 2003 9:00am  
**Location:** Scott Valley Bank, Fort Jones  
**Documented By:** R.Muse

**Present:** Jim Kilgore, Jennifer Silveira, Don Flickinger, Dave Black, Danielle Quigley, and Rhonda Muse

**Purpose:** To discuss 2 agenda items.

**Discussion related to agenda items:**

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Topic	Tasks	Track	Assignment/Follow Up
1. Project proposals	a) FWS funding, request for proposals, and Tom Shaw proposal ✧ Rhonda described request for projects by FWS. They have end of year funding as well as fish passage grants. ✧ Tom Shaw sent a contract in the amount of \$7115.04 to complete additional assessment. The RCD requests input by the Fish Committee. ✧ <b>Committee agrees the RCD should contract with FWS, Arcata (Tom Shaw) for the purpose of coordinating assessment efforts in the Scott. In regards to additional funds, committee suggests we ask Tom how far he feels the funds will go and what area (program objective) he thinks could use additional money.</b> ✧ RE: Adult Coho Spawning Survey -- Danielle described	Council Project	<i>Rhonda to notify Tom and Carolyn.</i>

	<p>available funding for crews of 2 people for 3 days per week for 10 weeks, plus a coordinator. Possible assistance by Dennis Maria and Americorp members. Original request included index reaches and other reaches that cannot be surveyed without additional crews. JITW cut the budget therefore creating a lack of funds for enough crews to survey all reaches stated in the project. <b>Committee agrees to submit proposal to FWS for additional funds.</b></p> <ul style="list-style-type: none"> <li>✧ Rhonda shared Vinnie’s suggestion to obtain funding for the fish passage barrier at Scott Bar Mill. Rhonda sent an email to Dennis regarding the status of this project as previous meetings stated DFG would do this work. No response from Dennis as yet. Rhonda will follow up with Dennis. Danielle to identify the landowner.</li> <li>✧ RE: Big Mill – landowner issues still hinder project</li> <li>✧ RE: Etna Creek – what is current status on findings of engineer?</li> <li>✧ RE: Fish Ladder at SVID – can we help?</li> <li>✧ RE: Wolford Slough fish rescue relocation – plan for restoration to make suitable for fish is targeted for this fall.</li> <li>✧ RE: USFS – check with Brenda or Al to see if any fish passage problems we can help with.</li> </ul>		<p><i>Danielle to complete format for proposal</i></p> <p><i>Rhonda to follow up with Dennis, Danielle to identify landowner. Rhonda to contact Dennis regarding Etna Creek and SVID</i></p> <p><i>Contact USFS (who will do this?)</i></p>
<p>2. Selection of Fisheries Technical Coordinator</p>	<ul style="list-style-type: none"> <li>✧ Review qualifications and make selection.</li> <li>✧ Danielle excused herself from the remainder of the meeting.</li> <li>✧ Applicants include Sue Maurer, Erich Yokel, and Adrienne Harling</li> <li>✧ Discussion held regarding qualifications, availability, and local knowledge. Committee found all applicants to be highly qualified to carry out the tasks described in the job announcement.</li> <li>✧ <b>Committee recommends a job-share agreement with</b></li> </ul>	<p>Council Project</p>	<p><i>Rhonda to contact parties regarding interest in job-share situation</i></p>

	<p><b>Erich Yokel and Adrienne Harling. Each party would be responsible for specific tasks. This arrangement would provide local skills as well as satisfy the coordination and facilitation needs. Beginning rate set at \$15 per hr with evaluation in 2 months for potential increase up to \$20 per hr.</b></p> <p>✧ Additional funds would be desirable, Jim will see about possibility of \$5000 from USFS and Rhonda will check into Adaptive Management funds through DFG or additional planning money.</p>		<p><i>Jim and Rhonda to follow up on additional funds.</i></p>
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**Next/Future agenda items: LFA status and working meeting to collect information**

**Next Meeting: TBD**

**Adjourned: 10:15am**

**Documentation of Meeting**

**Name:** Fish Committee  
**Date/Time:** September 11, 2003 9:30am  
**Location:** Scott Valley Bank, Fort Jones  
**Documented By:** R.Muse

**Present:** Jim Kilgore, Jennifer Silveira, Don Flickinger, Dave Black, Dennis Maria, Adrienne Harling, and Rhonda Muse

**Purpose:** To discuss 5 agenda items.

**Discussion related to agenda items:**

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**Announcements:** Dennis described the presence/absence surveys. Juvenile coho found in Humbug Creek and Mill Creek (at Scott Bar). Various others have been surveyed. The survey was initiated due to the Brown and Moyle report being based on limited locations and old data. DFG would like to improve protocols and obtain current data. This is the third year of surveys.

Topic	Tasks	Track	Assignment/Follow Up
1. Chinook Surveys	a) Status report ✧ DFG has allocated funds for this project. ✧ Additional surveyors would be helpful.	Informational	
2. LFA	✧ Status and next steps ✧ Rhonda reported that with the addition of Adrienne and Erich, the LFA will move to the next step. ✧ Currently the sub-committee has identified potential factors that limit salmonid production by life stage, however, additional information is needed. The format used by the Salmon River Restoration Council will be adopted as a tool to collect more information. ✧ Adrienne shared her experience and will be facilitating the	Council Project	

	next Fish Committee meeting to work on summer rearing as the priority due to the immediate need for coho recovery.		
3. Fish passage projects	<p>a) Status of Scott Bar Mill</p> <ul style="list-style-type: none"> <li>✧ Gary and Ron Dotson are working on the barrier at Scott Bar Mill. Last reported was they would look at the site and determine method and cost. Not sure of current status or findings.</li> <li>✧ Dennis provided an update regarding Etna Creek. He stated contractors are expected to visit the site this week. Possibility of moving the intake upstream.</li> <li>✧ Jennifer gave an update regarding the tailings project. The 1603 is done and work should start next week. This will include widening the floodplain and move channel to the west. Mercury sampling to be done as they go. The project area is near Farmers Ditch and a proposal to do another section down river is in the works.</li> </ul>	Informational	<i>Need to get current status from Gary.</i>
4. Summer rearing habitat	<p>a) Request from Gary to compile information</p> <ul style="list-style-type: none"> <li>✧ Rhonda read email from Gary explaining the need for identifying summer rearing locations.</li> <li>✧ Dennis reported areas at 68° is best based on observations.</li> <li>✧ Substrate does not seem critical.</li> <li>✧ Woody debris is usually present.</li> <li>✧ Prefers wood over rocks.</li> <li>✧ Dedicate next meeting as a working meeting to identify locations. Start with current temp data. Identify where we don't have temp data but possible habitat based on knowledge.</li> <li>✧ See if we can obtain GIS showing stream gradient generated from topo layers.</li> <li>✧ Need to see what information is available regarding riparian cover.</li> </ul>	Council Project	<p><i>Rhonda to: Get data from DQ Check with Larry Alexander regarding stream gradient</i></p> <p><i>Jim to check with David Lamphear and Mark Pisano regarding stream gradient info</i></p> <p><i>Jennifer to get 93 aerial photos and inquire about obtaining 98 photos</i></p>

	<ul style="list-style-type: none"> <li>✧ Coho seem to like dark hiding places. Not sure if a requirement or for survival.</li> </ul>		<p><i>Adrienne to check with Richard Van de water for stream gradient</i></p>
<p>5. Monitoring Info</p>	<p>a) Review draft and comment</p> <ul style="list-style-type: none"> <li>✧ The group looked at the critical questions only. Some comments are as follows:</li> <li>✧ RE: Water Use – 2<sup>nd</sup> question; need to define what may be left in stream. Would help to know minimum flow requirements</li> <li>✧ RE: Riparian/Wetlands Assessment – 1<sup>st</sup> question; The first 2 sentences under comments appear to be for potential restoration not to answer the question.</li> <li>✧ RE: Water Quality Assessment – 2<sup>nd</sup> question; What Basin Plan is referenced in comments? ESA does not provide criteria.</li> <li>✧ RE: Water Quality Assessment – last question; Under comments, clarify GIS Assessment notes. What will this do?</li> <li>✧ The group agreed to have a combined Monitoring/Fish committee meeting to go through documents. Also potential to include Water Committee</li> </ul>	<p>Council Project</p>	<p><i>Rhonda to schedule combined meeting for October.</i></p>

**Next/Future agenda items: Summer Rearing Habitat**

**Next Meeting: September 23 @ 10:00am, location: FWS office, Yreka (lunch provided, end at 2:00pm)**

**Adjourned: 12:00pm**

**Documentation of Meeting**

**Name:** Fish Committee  
**Date/Time:** September 23, 2003 10:00am  
**Location:** USFWS, Yreka  
**Documented By:** R.Muse

**Present:** Jennifer Silveira, Rebakah Sluss, Dennis Maria, Adrienne Harling, Danielle Quigley, Rich Klug, Erich Yokel, and Rhonda Muse

**Purpose:** To discuss summer rearing; limiting factors and suitable rearing areas.

**Discussion related to agenda items:**

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Topic	Tasks	Track	Assignment/Follow Up
1. Summer Rearing for Gary	a) Discussed components to be reviewed and data needed to identify appropriate rearing areas. Results attached.	Council Project	<b><i>Group to identify areas on a map during next meeting</i></b>
2. LFA, Juveniles	a) Brainstorming session ✧ The group worked towards identifying limiting factors for the juvenile life stage using a table format. Results available upon request.	Council Project	

**Next/Future agenda items: Mapping Suitable Summer Rearing Habitat for Gary**

**Next Meeting:** October 15 @ 10:00am, location: USFS Conference Room, Fort Jones (lunch provided, end at 2:00pm)

**Adjourned:** 2:00pm

**Documentation of Meeting**

**Name:** Fish Committee  
**Date/Time:** October 15, 2003 10:00am  
**Location:** USFS, Fort Jones  
**Documented By:** R.Muse

**Present:** Jennifer Silveira, Jim Kilgore, Vinnie McNeil, Adrienne Harling, Kayla Super, Erich Yokel, and Rhonda Muse

**Purpose:** To identify and map summer rearing areas for juvenile coho.

**Discussion related to agenda items:**

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Topic	Tasks	Track	Assignment/Follow Up
1. Summer Rearing for Gary	a) Discussed components and established suitable criteria to map areas. Results attached.	Council Project	<b><i>Rhonda to compile spreadsheet and Adrienne to provide comments/notes. Rhonda to copy marked areas on 2<sup>nd</sup> map and submit package to Gary</i></b>

**Next/Future agenda items:** Continue table of limiting factors, summer rearing then winter rearing

**Next Meeting:** November 4 @ 10:00am, location: USFWS, Yreka (bring a bag lunch, end at 2:00pm)

**Adjourned:** 2:00pm

**Documentation of Meeting**

**Name:** Fish Committee  
**Date/Time:** January 6, 2004 11:00am – 3:00pm  
**Location:** US Fish and Wildlife Service, Yreka  
**Documented By:** Adrienne Harling

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**Present:** Jim Kilgore, Rebecca Quinones, Kayla Super, Vinnie McNeil, Rich Klug, Jennifer Silveira, Adrienne Harling, and Erich Yokel

**Purpose:** To continue the LFA process by completing the incubation life stage spreadsheet and developing a process by which to prioritize proposals for the 2004 funding cycle.

**Meeting Synopsis:**

The committee reviewed notes from the scientific literature and local data about the incubation life stage, and then completed the incubation life stage spreadsheet. For the second half of the meeting, the group reviewed and discussed a ranking scheme for project and study proposals, which they will use at the next meeting to determine what proposals to submit for the 2004 funding cycle.

**Next/Future agenda items:** Prioritize project / study ideas for the 2004 funding cycle, begin the adult migration life stage spreadsheet

**Next Meeting:** January 22 @ 11:00am, US Forest Service Office, Fort Jones: (bring a bag lunch, end at 3:00pm)

**Adjourned:** 3:00pm

**Documentation of Meeting**

**Name:** Fish Committee  
**Date/Time:** January 22, 2004 11:00am – 3:00pm  
**Location:** US Forest Service Office, Fort Jones  
**Documented By:** Adrienne Harling

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**Present:** Jim Kilgore, Rebecca Quinones, Vinnie McNeil, Rich Klug, Jennifer Silveira, Bryan McFadin, Rhonda Muse, Adrienne Harling, and Erich Yokel

**Purpose:** To prioritize proposals for the 2004 RCD funding cycle and to continue the LFA process by completing the coho adult migration life cycle table.

**Meeting Synopsis:**

The committee discussed LFA member involvement in upcoming data collection sessions with David Lamphere of the Redwood Sciences Lab of Humboldt State University. Erich will attend these sessions and may be accompanied by other members of the Fish Committee.

Vinnie distributed a write-up regarding coho habitat enhancement in pastures that was implemented in Oregon. She will continue to try to contact the author of the write-up to get more information.

The committee discussed and prioritized proposal ideas for the 2004 RCD funding cycle. Pre-proposals for the following studies/projects will be submitted for review to the technical committee:

- Create a map of potential winter rearing habitat (using aerial photo analysis and ground survey + additional data sources)
- Create a map of potential summer rearing habitat (same methods as above)
- Expand the Scott River Water Balance to model spawner passage
- Summer rearing habitat utilization survey (summer 2005)
- Winter rearing habitat utilization survey (winter 2005-2006)
- Expansion of IFIM

Some of these ideas will be combined into single proposals. Rebecca will write up the pre-proposal information for the summer and winter habitat utilization surveys. Erich and Adrienne will write up the remaining pre-proposals. They will be discussed at the next LFA meeting before being submitted to the technical committee for review by February 9<sup>th</sup>. In addition to these proposals, the group will investigate proposal development and funding opportunities for habitat utilization surveys of other life stages to occur during the highest density coho cohort (starting with the 2004 spawning run).

During the second half of the meeting, the committee reviewed notes from the scientific literature about the adult migration life stage, and then completed adult migration life stage spreadsheets for the Scott River and Klamath River migration reaches. Adrienne will research background information about potential limiting factors for coho in the Klamath River during adult migration.

**Next/Future agenda items: Review pre-proposals for the 2004 funding cycle; complete the juvenile migration life stage spreadsheet and begin the ocean/estuary spreadsheet**

**Next Meeting: February 5 @ 11:00am, US Fish and Wildlife Service Office, Yreka: (bring a bag lunch, end at 3:00pm)**

**Adjourned: 3:00pm**

## Documentation of Meeting

**Name:** Fish Committee  
**Date/Time:** February 6, 2004 11:00am – 3:00pm  
**Location:** US Fish and Wildlife Service, Yreka  
**Documented By:** Adrienne Harling

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**Present:** Jim Kilgore, Jennifer Silveira, Kayla Super, Tom Shorey, Adrienne Harling, and Erich Yokel

**Purpose:** To review and revise proposals for the 2004 RCD funding cycle and to continue the LFA process by completing the coho juvenile migration life cycle table.

### Meeting Synopsis:

The committee reviewed three pre-proposals that had been drafted. These included the following:

- Create a map of potential winter rearing habitat
- Create a map of potential summer rearing habitat
- Summer and winter rearing habitat utilization survey

The group discussed the remaining proposal ideas that had been identified at the last meeting. They concluded that more information was needed to develop these ideas and that they would not be further pursued at this time.

- Expand the Scott River Water Balance to model spawner passage
- Expansion of IFIM

During the second half of the meeting, the committee reviewed notes from the scientific literature about the juvenile migration life stage, and then completed the juvenile migration life stage spreadsheets for the Scott River migration reach.

**Next/Future agenda items:** Complete the adult and juvenile migration Klamath River reach spreadsheets, as well as the ocean and estuary spreadsheets

**Next Meeting:** February 20 @ 10:00am, US Fish and Wildlife Service Office, Yreka: (bring a bag lunch, end at 2:00pm)

**Adjourned:** 2:00pm

**Notes from Limiting Factor Analysis meeting of the SRWC’s fish committee on 3/5/04**

Present: Erich Yokel, Jim Kilgore, Rich Klug, Denis Maria, and Jennifer Silveira

The main purpose of this meeting was to discuss the progress and feasibility of the proposals that have been generated by the LFA committee. The summer habitat utilization proposal was being prepared for the USFWS- Jobs in the Wood grant (submitted to Jennifer Silveira on 3/12/04). The committee discussed the need for established protocols and more information to pursue the spring and winter rearing studies. The development of small scale hatcheries as a means to increase summer rearing production in the Scott River was introduced.

**Additionally, the committee discussed addressing some of the products that are part of Phase 2 for the LFA process. Specifically, identification of key data gaps and recommendations for addressing (restoring) the main limiting factors were goals of the LFA committee. The committee would like some written products that summarize the “big picture” of the state of the watershed and restoration approaches.**

Notes from Limiting Factor Analysis meeting of the SRWC’s fish committee on 3/5/04

Present: Erich Yokel, Jim Kilgore, Rich Klug, Denis Maria, and Jennifer Silveira

The main purpose of this meeting was to discuss the progress and feasibility of the proposals that have been generated by the LFA committee. The summer habitat utilization proposal was being prepared for the USFWS- Jobs in the Wood grant (submitted to Jennifer Silveira on 3/12/04). The committee discussed the need for established protocols and more information to pursue the spring and winter rearing studies. The development of small scale hatcheries as a means to increase summer rearing production in the Scott River was introduced.

**Additionally, the committee discussed addressing some of the products that are part of Phase 2 for the LFA process. Specifically, identification of key data gaps and recommendations for addressing (restoring) the main limiting factors were goals of the LFA committee. The committee would like some written products that summarize the “big picture” of the state of the watershed and restoration approaches.**

Notes for Scott River Watershed Council’s Fish Committee – Limiting Factor Analysis Meeting on 3/25/04

Location: United States Fish and Wildlife Service Office – Yreka

Time: 0900 – 1200

Present: Erich Yokel, Jennifer Silveira, Dennis Maria, Rhonda Muse, Brian McFaddin, and Jim Kilgore.

The committee first discussed the current progress of the proposals that are of highest priority for submission to funding sources. Rhonda brought information identifying several potential funding sources and the necessary deadlines for each grant cycle. The committee felt that it would be best to try to develop the proposals as far as possible for submission to a wide array of potential funders. The committee further discussed the status of the winter habitat utilization study (which we wish to perform in the winter of 2005 – 2006 to capture this period when the Scott will be well seeded with over wintering yearling coho salmon). The committee decided to break the various ideas presented for studying this life cycle into three individual grants: 1) the application of radio tags to coho salmon in late fall for tracking to winter rearing habitats 2) the operation of traps on the mouths of significant tributaries (S. Fork Scott River and Shackleford-Mill were presented) to document out-migration from tributaries in late-Fall and Winter and 3) and the habitat utilization survey as initially presented to the SRWC council. A short proposal (1 page format) will be prepared for studies 1 and 2.

**Additionally, the LFA committee presented the idea of a cooperative dive (modeled after the Spring Chinook cooperative dive annually performed on the Salmon River) to identify the adult coho population in the late Fall of 2004. This number could then be correlated with the data collected in the cooperative adult surveys already funded for 2004 – 2005. The committee also endorsed the placement of a fish counting facility (video camera) at Young’s Dam (SVID).**

**The committee then continued to identify large recommendations that they would like to make and present to the SRWC. The two main recommendations are:**

- 1) The investigation into the possibility of creating additional off channel rearing facilities to increase smolt production. The committee felt that these facilities could be used to rear fish rescued by the CDFG program.**
- 2) An investigation into the feasibility of making a restoration plan for the whole tailing pile above Callahan. The committee felt that the best initial step to this process would be to bring in an expert for the initial ground investigation. Rhonda Muse was going to investigate potential investigators.**

**The committee felt that the next step in the process would be to utilize the pre-existing charts to start to prioritize data gaps and essential limiting factors. The meeting was adjourned so the members would have time to review the charts. The next meeting was scheduled for 4/9/04 at 0900 at the USFWS building in Yreka.**

Fish Committee – Limiting Factors Analysis Meeting – April 9, 2004

Time: 0900 – 1130

Location: USFWS – Yreka office

Present: Erich Yokel, Jim Kilgore, and Rich Klug

**The purpose of this meeting was to attempt to prioritize the limiting factors that were identified through the process of completing the life stage tables for coho salmon. I sent out the tables that were generated to the Fish committee list so that the various members could have some time to look through the tables and prepare comments from the meeting.**

**Jennifer Silveira and Sue Maurer prepared some comments for the meeting but were unable to attend. The present members looked at this comments and started to prioritize some data needs and some important limiting factors. This process of synthesizing the information gathered on the tables has been slightly impeded by the high demand on the time of all committee members to perform their normal duties.**

**Following are the notes:**

**The committee felt that a major influence that needs investigation is the effect of the hatchery stocks on the wild population. They wondered if presence of inner-breeding could 1) effect the run timing of Scott River coho salmon and 2) cause genetic dilution in the Scott River coho salmon population. The recommendation of performing a genetic study was emphasized – specifically the analysis of pre-existing tissue that has been collected and sent to NOAA fisheries.**

**The committee would like to see the work that is being done on the Mainstem Klamath investigating flow, temperature and habitat relationships correlated with the existing information we know about the run timing for Scott River coho salmon (juvenile and adult). The period of adult migration and the effects of low fall flows in the Klamath River and Scott were emphasized as a potential bottleneck to adult access to the Scott.**

**The committee felt that temperature and flow were the major issue for freshwater rearing within the Scott River. The committee endorses the continuation of current studies being pursued by the SRWC and government agencies – temperature monitoring, flow monitoring, and water balance. The committee recommended that flow and temperature studies/models should look at the controlling factors for late season low flows (October and November) a period were flow can determine access to adult spawning grounds. Additional factors that the committee identified as playing a part in the flow and temperature of the Scott River is altered channel structure and areas of loss connectivity. Because the wide range of factors controlling the flow and temperature regime of the Scott River cannot be immediately restore the committee recommends pursuing short term solutions simultaneous to long term solutions. The committee endorses the pursuit of water easements as a method to directly increase habitat volume in essential reaches for summer rearing.**

**The committee felt that the largest potential limiting factor for spawning was lack of access to potential spawning grounds (lost of connectivity of tributaries during certain water years). Additionally, the substrate quality of spawning grounds was addressed as a potential limiting factor. Studies to document the substrate available for spawning and the amount of hyporheic flow in spawning grounds were endorsed to see if this is a limiting factor. The committee felt that altered flow regime (increased peak winter flows) could also effect the survival of eggs in the redd though no flow data exists for winter months on the tributaries. It was felt that the relative “health” of a watershed (which would control substrate quality and flow regime) could be analyzed by looking at the state of the upland portion of the watershed via road density and condition surveys and performance of Cumulative Watershed Effect analysis. Additionally, the committee recommends collecting**

**winter flow and temperature data on a sample of tributaries to gain more information about the state of the river over winter.**

**A large recommendation of the committee is to protect the current population of coho salmon while trying to in the long run increase the population. Analysis of existing data will show the areas of important existing rearing habitat and “quick” fixes can be applied to enhance this areas – e.g. introduction of cover to cold water refuges. The biggest problem facing restoration of the coho salmon population is the current trend of 2 out of the 3 brood years being severely depressed. The restoration of the heavily impaired two brood years will be a difficult task.**

**The committee also recommended that we pursue a cooperative study to identify the timing of coho fry emergence and the areas of fry rearing. The committee recommended that the SRWC pursue funding to begin the process of winnowing the Dr. Lamphear’s coho universe down. An expansion of the FLIR process to include tributaries was endorsed. And the committee recommends to USFWS to continue studying if the Klamath River has the capacity to rear 0+ coho salmon.**

Limiting Factor Analysis – SRWC Fish Committee Meeting – 6/4/04

Notes

Location – USFWS office – Yreka

Time – 0900 – 1200

Participants – Rhonda Muse, Erich Yokel, Jim Kilgore, Jennifer Silveira, Don Flickinger, Justin Ly, and Caleb Gilbert from NOAA-Fisheries

The main points of discussion at this meeting were the contents of the final product for the LFA process and direction for future presentations to the SRWC and the Klamath Task Force. It was decided that the beginnings of a binder could be produced containing documents that were produced in the first phase of the LFA process. These documents include: the initial documents outlining the process that the LFA would pursue, the listing of potential limiting factors that would be included into the tables for committee discussion, the literature review for each life stage, the completed tables generated by the LFA committee and the LFA process overview. These documents represent the completion of Phase 1 of the LFA process. The status of Phase 2 of the process was then discussed. Phase 2 attempts to synthesize the information gathered onto the charts to prioritize limiting factors, data needs, and future studies. Work has been done to this end – especially in regards to addressing data needs regarding the habitat requirements of coho salmon a subject prioritized by the committee. A series of documents attempting to delineate important limiting factors for the life stages in the Scott River could be used for this but the committee felt they needed to be edited for veracity and clarity. The committee decided to start a document listing major limiting factors and e-mail it to all members for review. The next meeting should focus on this document. Additionally, a document will be produced that outlines the major recommendations that the LFA committee would like to make.

**The committee also discussed what presenters should present during some upcoming presentations. It was decided that the presentation should start with an overview and goal of the LFA process. Then the major limiting factors identified will be addressed. The need for some visual aids outlining the “process” of limiting factors was discussed.**

**The next meeting was planned for June 25<sup>th</sup> at 0900 at the USFWS office in Yreka.**

Scott River Watershed Council – Fish Committee – Limiting Factors Analysis Meeting

Date: June 25<sup>th</sup>, 2004

Time: 09:00 – 12:30

Location: USFWS – Yreka

Present: Erich Yokel, Jim Kilgore, and Jennifer Silveira

Jennifer Silveira reported that the NRCS is pursuing the idea of moving the head of Farmer's Ditch to above Sugar Cr.. One idea is returning the flow into Wofford slough. This would include a control structure to regulate how much water goes into Wofford Slough and how much goes into the Mainstem Scott. There is some concern that large flows could divert the main channel of the river into Wofford Slough.

**The importance of looking outside of the Scott River (into the Klamath, estuary, and ocean) was again stressed by the LFA committee.**

**Discussed what should be done with the categories that were entered as “5’s” (are not able to determine if they are important limiting factors because of lack of information). Committee felt that some 5’s could be prioritized by professional judgment as subjects of high priority for future studies. The remaining 5’s could be listed separately as low priority potential studies.**

**The importance of the East Fork as a key tributary that was contributing a temperature problem to the Scott River was discussed. A plan to monitor the upper tributaries riparian condition was presented. This led into one of the main recommendations of the committee: to monitor all factors that are working together to drive the bigger watershed processes. The importance of looking at the main watershed process that are driving the smaller factors was reiterated.**

**The Fish Committee then edited the list of major limiting factors to fully represent the current findings. The list was edited for: spawning and incubation and summer and fall rearing. The fish committee will return to this document at the next meeting to complete the editing job.**

**The Fish Committee wanted to discuss some topics that are timely. The main discussion concerned planning for the fish rescue program that will probably be carried out in the summer of 2005. The fish committee would like to develop a plan including our recommendations to optimize the fish rescue program. This plan will then be presented to Fish and Game. One part of this plan is the potential of developing rearing facilities in the Scott River for the rescued fish. The committee would like to work on this plan and have it in place by late fall of 2004.**

**This discussion led the committee to identify the need for a running calendar of actions to be done and when they need to be done.**

**Other projects that the fish committee would like to see perform include:**

- 1) **Work on proposal for fry emergence study. An initial assessment could take a 2-3 week period. Use some money from spawning ground surveys for this study.**
- 2) **Look at 0+ rearing in Klamath River. Next spring will have large 0+ coho population to seed Klamath so this study will be timely.**
- 3) **Investigate the use of small tributaries of the Klamath as rearing grounds for 0+ fish that emerged in other watersheds.**

**The next meeting of the LFA committee was planned for June 22<sup>nd</sup> at 0900 at the USFWS office in Yreka. The Topics for the next meeting are:**

- 1) **Finish major Limiting Factors list.**
- 2) **Discuss fish rescue program.**
- 3) **Develop calendar of recommendation implementation.**
- 4) **Develop a list of things to give the executive committee.**
- 5)

Scott River Watershed Council – Fish Committee – Limiting Factor Analysis

Meeting Notes for:

July 22<sup>nd</sup>, 2004 0900-1230

Meeting held at USFWS – Yreka office

In attendance: Dave Black, Jim Kilgore, Jennifer Silveira, Kayla Super, and Erich Yokel

**The meeting on July 22<sup>nd</sup> had an agenda as follows:**

- 1) Finish editing the list of major limiting factors to salmonid production in the Scott River.
- 2) Discuss input to the CDF&G fish rescue program for summer 2005 in the Scott River.
- 3) Develop a timeline for the implementation of the LFA committee's recommendations.
- 4) Discuss documents to be given to executive committee.

As usual, we starting with a little brainstorming on topics of main concern. The topic of how some of the ideas and recommendations contained within the Limiting Factor Analysis documents can be presented to the executive committee was discussed. Additionally, the importance of generating documents that can be understood by the public was noted. The importance of educating the committee and the public through multiple exposures to the topics addressed within the strategic action plan and the LFA was noted. It was also noted that some of the topics – related to the way natural processes “function” to create the condition of the watershed – were rather difficult to grasp and presenting them in a way that was easy for the public to understand is difficult. Erich feels that the development of an interpretive park would aid in the development of this education.

After this discussion we went forward in our editing of the winter life stage in our major limiting factors document. The editing of the document led to discussion about the knowledge that we have pertaining to the historical state of the river in winter (e.g. river structure and flow). One desired goaled would be to look at the feasibility of determining if winter flow patterns (occurrence and magnitude of peak flows, especially) have changed over the period of flow data collected in the Scott River. The main problem is there is very limited winter data (if any) for flows in tributaries of the Scott River. The tributaries are where you would expect to see different flow regimes due to the differing management and landscape. The river structure of the valley section was discussed and the importance of Wolford Slough, Big Slough, and Kidder for winter refugia was noted. Also during this discussion, the topic of the possibility of ditches playing both a potential positive (habitat) and negative (death to dewatering) was discussed. The chance of fish being loss in winter into ditches that were running a stockwater allotment was noted. Dave Black noted that we could pursue identifying ditches in critical winter habitat with stockwater rights and discuss alternative options.

After we editing the winter rearing part the committee realized that we had not yet addressed the period of out-migration through the Scott River. This was put as the first item on the next agenda.

The second topic was to move to create a plan to gather the Watershed Council’s input regarding the CDF&G’s fish rescue program in the Scott River and discuss it with Fish and Game. The first step was that several goals were developed:

**Goal #1: Increase number of 1+ coho smolts produced in Scott River.**

**Goal #2: Insure that the CDF&G fish rescue occurs in the summer of 2005.**

**Goal #3: Investigate “the best place” to relocate rescued fish. Pursue feasibility of rearing fish in off channel structures- e.g. dredge ponds, Kelsey channel.**

The importance of enumerating how many smolts could be produced by rearing all of the rescued coho salmon was noted. This could be approximated by looking at the fish rescue numbers for coho salmon in the Scott River in the summer of 2002.

For goal #3 there were many considerations the committee wanted to make. They wanted to look at a cost benefit analysis where the “value” of the fish produced was weighed against the potential costs of any rearing program. A list of available locations for off channel – and in channel – placement/rearing would be an essential component. The need for an investigation into the possible biological effects that movement of the fish would have – e.g. imprinting and “natural” development – was noted. And most importantly, the need for permits and the “legality” of any rearing would need to be investigated.

The committee discussed who would be the liaison for Fish and Game now that Ron Dotson has retired. Contacted Jim Whelan and Mark Pisano was recommended. Additionally, talking to NOAA-Fisheries was discussed as a way to open the question of permits and legality of any plan to rear fish.

The conclusion was that we needed to determine the best approach to the fish rescue to insure goal #1 is met and that if any programs was started it should be kept simple so that implementation will occur in Summer of 2005.

The next step was to discuss this topic with the executive committee and attempt to gather some knowledgeable people for the next SRWC Fish Committee.

The next topic was developing a timeline of recommendations:

**The beginning:**

**Fish Rescue ideas completed by March 2005**

**Discuss next highest priority for grants to be presented in fall of 2004. Look at timeline and sources of money available.**

**Develop timeline for educational meetings – develop a series of present to SRWC.**

The committee felt that additions to this summary would create a “plan of operation” that would contain the actions that the Limiting Factor Committee felt necessary. The committee felt that these actions would be categorized as short and long term. The importance of not “reinventing the wheel” and utilizing the Strategic Action Plan and SSRT was noted. The committee decided that choosing a category of limiting factor and trying to develop a plan of operation to address studying and restoring this process would be the best approach. A document Jim Kilgore previously created was noted as an excellent example of organization that we could base our exercise on. The committee moved to pursue this next meeting.

The committee tentatively planned a meeting for Friday the 13<sup>th</sup> of August at 0900 at the USFWS office in Yreka.

Meeting notes for SRWC Fish Committee

Meeting on 08-13-04 at US Fish and Wildlife Service Office – Yreka

Time: 0900 – 1200

In attendance: Jim Kilgore, Erich Yokel, Rhonda Muse, Jim Whelan, Vinnie McNeill, and Jennifer Silveira

The meeting was started with a round robin. Jim Kilgore updated the committee with the progress that he was making in developing a protocol to investigate and assess the presence and quantity of thermal refugia in the Scott River. He feels that the development of a protocol to study the thermal refugia in the Scott River will allow the committee to pursue grants to perform this study in the Scott Valley.

**The importance of thermal refugia in the production of fisheries in the Scott River was emphasized with the information that Pacificorp is attempting to model the fish production of the Scott and Shasta rivers. It was reported that if the existence of thermal refugia was not put into these models than all fish would “die” over summer. A quantitative knowledge of the volume of habitat – thermal refugia – that is really present in the Scott would help perfect any models of fish production in the Scott River.**

**It was also reported that Scott Bar residents saw salmon in the Scott River using the mouth of Mill Cr. as refugia during the hot time of the day.**

**It was emphasized that the LFA should be generated and produced so that the Watershed Council will get credit for producing this document during the grant processes. To this end, it was decided to edit the tables generated by the LFA and send them out. Also the final edits were performed on the “Major limiting Factor” document by the committee and this is now ready to be edited and sent out.**

**The Fish committee then discussed fish rescue.**

**The committee began to add to the “Operation Plan” of the Limiting Factors Analysis process. The committee decided to begin editing the Geomorphology and Channel structure part of the document that was initially created by Jim Kilgore. The Short Term goals discussed were: develop locations and reaches to be studied. This quickly led into the reality that a movement to restore the tailing project is going underway now. This led the fish committee to feel that they need to get involved now and that a main desire they would like to see is any restoration would include elements of fish habitat.**

**The question of what the role of the council in the tailing project was raised and discussed.**

**The committee felt some of their short term desired would be to investigate connectivity through Wolford Slough – West Side Channel. The restoration of the complete tailing pile was viewed as a long term goal.**

**The committee felt there should be an implementation plan that was developed to restore the whole tailing pile. They felt that a geomorphologist would be essential in this implementation plan. The existence of a plan (which was developed with a geomorphologist) was discussed.**

**The importance of tying in any riparian restoration efforts to any “stream channel” restoration was emphasized.**

**Finally, Rhonda Muse wanted to officially announce that the Limiting Factors Analysis is now a category that will be discussed by the Fish Committee. The Limiting Factors Analysis sub-committee of the Fish committee has been dissolved and melded back into the fish committee. Vinnie inquired about Erich’s continuation in the coordination of the LFA and other Fish Committee opportunities. Rhonda reported that the LFA committee had requested his extension to be available for LFA and other related issues at the time Erich’s contract was due to end on June 30. Therefore, Erich has been hired as a part-time Technical Project Coordinator assigned to the SRWC for a maximum of 40 hours per month to help with the LFA and other Fish Committee assignments.**

**The next meeting was planned for Friday, September 10<sup>th</sup> at 09:00 at the US Fish and Wildlife Service Office in Yreka. The agenda is as follows.**

- 1) Roundtable Discussion – ½ hour.**
- 2) Continue to develop LFA – Plan of Operation – work on geomorphology and fish population. – 1 hour.**
- 3) Develop letters stating Fish committee’s desires concerning CDF&G’s fish rescue program in the Scott River – 1 ½ hours.**

**Documentation of Meeting**

**Name:** Executive Committee  
**Date/Time:** August 4, 2003 7:00pm  
**Location:** RCD Office  
**Documented By:** R.Muse

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**Present:** Ernie Wilkinson, Vinnie McNeil, Sari Sommarstrom, Gareth Plank, Tom Shorey, Bill Gardiner, and Rhonda Muse

**Purpose:** To discuss 6 agenda items.

**Announcement:** Ernie announced there will be a hand-on fencing demonstration Tuesday, August 12 at the Fisher Bros Ranch (Eastside Road across from cemetery). This is set up for intensive grazing. Interested parties should contact Ernie.

**Discussion:**

<i>Agenda Item</i>	<i>Description</i>	<i>Assignment/ Follow Up</i>
<b>1. Responsibility for agenda input</b>	<ul style="list-style-type: none"> <li>• Rhonda requested assistance in the assignment of agenda items to both the Council meetings and standing committee meetings.</li> <li>• The chair of each committee needs to let Rhonda know of items to be discussed.</li> <li>• The Executive Committee planned agendas for the remainder of this year as follows:</li> <li>• September – Working meeting for Strategic Action Plan</li> <li>• October – Updates/presentations on Water Balance, Water Trust, and Water Use</li> <li>• November – Landowner resources for funding, monitoring program, and SAP peer review</li> <li>• December – Pot Luck/video night</li> </ul>	
<b>2. Update on Strategic Action Plan</b>	<ul style="list-style-type: none"> <li>• Rhonda distributed a CD containing the preliminary draft and an instructional memo describing review needs.</li> <li>• Highlighted items need approval by the Council, primarily the newly</li> </ul>	<b><i>Members of Executive Committee to review preliminary draft and respond</i></b>

	<p>defined approach which splits the planning into 4 phases. The information available for the SAP has dictated that the initial phase focuses on anadromous salmonids and much information is still needed for other watershed topics.</p> <ul style="list-style-type: none"> <li>• Executive Committee members are asked to review the document to see if it is what they expected and if it meets the needs of the Council. Also requested is to provide any information and text that may fill gaps noted in green text.</li> <li>• Instructional memo attached for reference of additional items.</li> <li>• The suggested meeting date for the Executive Committee was indicated as September 1, due to the holiday, this has been changed to September 8</li> </ul>	<p><i>by Aug 22, some item can be received by Aug 31</i></p>
<p><b>3. Land Committee’s concept for ‘beef marketing’</b></p>	<ul style="list-style-type: none"> <li>• Rhonda presented the question to see if the concept of a value added study for beef marketing falls under Council activities.</li> <li>• To date, a steering committee of local producers have met with the assistance of Jim Cook and myself to develop a proposal for funding which has been submitted through the City of Etna (a municipality is required to apply). Rhonda needs support from the Executive Committee and the Council if further facilitation is to be conducted by the Council Coordinator.</li> <li>• Ernie lead discussion to explain why a SRWC role is needed and how idea was formed.</li> <li>• Ernie shared success of Oregon Country Beef and an organization in Hawaii having success in grass-fed beef. Ernie has suggested the Hawaii couple visit SRWC in October to give a presentation to the steering committee. Possible need of funds to help offset travel expenses.</li> <li>• <b>The Executive Committee discussed in detail the cooperation of landowners working with the Council and agrees the Council should participate if deemed necessary by the steering committee and the project applies to a Council goal.</b></li> </ul>	
<p><b>4. Graze and Range</b></p>	<ul style="list-style-type: none"> <li>• Ernie described an invitation of a grant opportunity (WSARE) funded</li> </ul>	

<b>Management (Ernie/NRCS)</b>	<p>through the Department of Agriculture.</p> <ul style="list-style-type: none"> <li>• The offer direct producer grants to farmers and ranchers for marketing.</li> <li>• Conditions are that producers work with ag professionals (NRCS or UCCE).</li> <li>• Producers may apply as individuals or as cooperators (2-3 producers).</li> <li>• Ernie also described other grants through NRCS to set up organic or any type of sustainable agriculture production models or intensive grazing demonstration/education programs.</li> <li>• Up to \$7500 to individuals is available and can also be used for temporary fencing.</li> <li>• Proposals are due October 2003 and funding is distributed June 2004</li> <li>• Last item Ernie shared was the Grasslands Reserve Program and described the preservation easement methods (i.e. rentals, etc).</li> <li>• Interested individuals may apply and should contact NRCS (Ernie or Bill).</li> </ul>	
<b>5. Update on Project Database</b>	<ul style="list-style-type: none"> <li>• Rhonda shared that funding for the development of a database that could be used by all Klamath sub-basins was not approved.</li> <li>• Multiple Excel spreadsheets are currently being used to pull information together in an effort to report accomplishments, financial data, and track watershed projects.</li> <li>• Rhonda also announced she is looking for additional funding for the Council to contribute to the completion of the database for use by SRWC and Siskiyou RCD.</li> </ul>	
<b>6. Road Workshop</b>	<ul style="list-style-type: none"> <li>• Sari shared information about a presentation offered by Gary Nakamura.</li> <li>• The plan is to have a workshop in October.</li> <li>• Gary and UCCE (?) has allocated \$2000 for workshop.</li> <li>• SRWC would contribute by advertising workshop with focus on local excavators (also to identify what landowners have road problems and send invitations).</li> <li>• Include pictures of good roads and driveways.</li> </ul>	

	<ul style="list-style-type: none"><li>• Invite Tam Moore for access to media</li><li>• Invite politicians and/or staff</li><li>• Date selected is October 4</li></ul>	
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**Adjourned: 9:15pm**

**Documentation of Meeting**

**Name:** Executive Committee  
**Date/Time:** September 9, 2003 5:00pm  
**Location:** Scott Valley Bank, Fort Jones  
**Documented By:** R.Muse

**Present:** Ernie Wilkinson, Sari Sommarstrom, Gareth Plank, Tom Shorey, Ric Costales, and Rhonda Muse

**Purpose:** To discuss 2 agenda items.

**Discussion:**

<i>Agenda Item</i>	<i>Description</i>	<i>Assignment/ Follow Up</i>
<b>1. SAP</b>	<ul style="list-style-type: none"> <li>• The group reviewed input by Ric and Sari.</li> <li>• Ric's comments were modified and fit into the Introduction section of the SAP.</li> <li>• Sari's input regarding Introduction and Overview sections were accepted and modifications to document will be made.</li> <li>• An additional section titled Implementation Strategy will be added and some information will be moved.</li> <li>• Rhonda requested input regarding the section titled Overall Watershed Condition. The group agreed that information from each topic could be used here. Sari volunteered to write up something over the weekend. Rhonda stated she needed this prior to SRWC meeting on the 16<sup>th</sup>.</li> </ul>	
<b>2. October SRWC meeting and retreat</b>	<ul style="list-style-type: none"> <li>• Rhonda reported that there is not enough interest in a retreat, therefore, is requesting the October SRWC meeting also be dedicated to working on the SAP.</li> <li>• The group agreed to accommodate this request.</li> <li>•</li> </ul>	

<p><b>3. Proposal</b></p>	<p>Rhonda reported that one proposal will be submitted to the full Council in an attempt to acquire additional SRWC funds specifically for the purpose of developing upslope programs.</p>	
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**Additional Discussion:** Ernie reported the actions of the Coho Recovery Team meeting on Friday. Due to an agenda problem, the CRT could not take action to extend the deadline for completing a plan. In the meantime a small committee has been appointed to write an application for a blanket permit for incidental take for each watershed. Jim DePree will chair this committee.

**Adjourned: 6:45pm**

**Documentation of Meeting**

**Name:** Executive Committee  
**Date/Time:** October 15, 2003 6:30pm  
**Location:** RCD Office  
**Documented By:** R.Muse

**Present:** Ernie Wilkinson, Sari Sommarstrom, Vinnie McNeil, Tom Shorey, Ric Costales, Jennifer Silveira, and Rhonda Muse  
**Purpose:** To discuss SAP.

**Discussion:**

<i>Agenda Item</i>	<i>Description</i>	<i>Assignment/ Follow Up</i>
<b>1. SAP-review of preliminary draft</b>	<ul style="list-style-type: none"> <li>• The group reviewed section for History of Watershed Conditions.</li> <li>• Suggested changes in Fishery Resources section to state Coho salmon, 'if historically present'...</li> <li>• Suggested changing reference to runs of steelhead. Sari to re-work this portion.</li> <li>• The group then brainstormed about words or phrases to avoid within the document. In regards to the word 'protect' we reviewed the electronic version of the preliminary draft and changed 'protect' to other suitable words depending on the context.</li> <li>• Also reviewed were each goal, objective, and action item to gain agreement on concept and text. Using the electronic version, changes were made to reflect the group's input. This took much time but resulted in agreement by the group.</li> <li>• Further review is needed to complete or update some data and to make sure all the text sections are acceptable by the Executive Committee.</li> <li>• The goals, objectives, and actions under the Monitoring Plan section still requires review.</li> </ul>	<p><i>Executive Committee to review preliminary draft prior to next SRWC meeting. As the oversight committee, the input and acceptance of this draft version will be used to determine if ready to finalize a draft for public review.</i></p>

	<ul style="list-style-type: none"><li>• Copies of the preliminary draft (including the updated info from this meeting) will be compiled and distributed to member of the Executive Committee no later than Friday afternoon. Discussion to occur at the SRWC monthly meeting to be held on October 21.</li><li>• A copy of the updated preliminary draft along with survey questions will be compiled and available at the RCD office tomorrow afternoon (Thursday, October 16)</li></ul>	
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**Adjourned: 10:30pm**

**Documentation of Meeting**

**Name:** Executive and Technical Committees  
**Date/Time:** January 7, 2004 1:00pm  
**Location:** USFS Conference Room, Fort Jones  
**Documented By:** R.Muse

**Present:** Ernie Wilkinson, Sari Sommarstrom, Vinnie McNeil, Tom Shorey, Ric Costales, Jennifer Silveira, Jay Power, Bill Krum, and Rhonda Muse

**Purpose:** To discuss comments of Draft SAP.

**Discussion:**

<i>Agenda Item</i>	<i>Description</i>	<i>Assignment/ Follow Up</i>
<b>1. Review Comments</b>	<ul style="list-style-type: none"> <li>• Rhonda explained that comments have been organized into 4 categories: <ul style="list-style-type: none"> <li>General</li> <li>Technical Writing/Format</li> <li>Content/Concept/Ideas</li> <li>Specific comments by Section</li> </ul> </li> <li>• Group agreed to add an abstract section that would briefly describe the content of each section.</li> <li>• Group agreed to add information about how the Plan will be updated</li> <li>• Multiple text changes were made during the meeting.</li> <li>• Group reviewed specific comments and approved changing the document based on those comments. The attached document indicates the comments that resulted in changes (gray highlights).</li> <li>• Time did not allow a complete review, we finished everything through the Fisheries section. All were asked to continue the review on own time and forward their suggested changes to Rhonda.</li> </ul>	<p><i>Participants to complete review and submit recommended changes to Rhonda as soon as possible.</i></p>

**Adjourned: 4:30pm**

**Documentation of Meeting**

**Name:** Executive Committee  
**Date/Time:** March 8, 2004 6:30pm  
**Location:** RCD Office  
**Documented By:** R.Muse

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**Present:** Ernie Wilkinson, Sari Sommarstrom, Vinnie McNeil, and Rhonda Muse

**Purpose:** To discuss 6 agenda items.

**Announcements:**

- Rhonda will be giving a presentation of the SAP to the Task Force on Feb. 19
- Ernie announced the beef marketing group will be meeting on March 18<sup>th</sup> at 6:30pm
- Ernie announced the presentation at the April 15<sup>th</sup> SQIF meeting by Wayne Elmore and NRST. He is soliciting additional funds through NRCS and Farm Bureau. Time of SQIF is 10:00am – 3:00pm with lunch provided, possible cost to participants of \$5 to help with cost.
- Vinnie announced there will be a meeting of the LFA group on Friday and anyone is welcome to attend.

**Discussion:**

<i>Agenda Item</i>	<i>Description</i>	<i>Assignment/ Follow Up</i>
<b>1. SRWC Monthly Meetings vs. combined committees</b>	<ul style="list-style-type: none"> <li>• Rhonda presented an option to hold combined committee meetings during the day to discuss project development based on strategic actions. This would be an alternative to evening meetings and would alternate months.</li> <li>• We need to talk to Ric and present to SRWC as a whole.</li> </ul>	
<b>2. Draft By-Laws</b>	<ul style="list-style-type: none"> <li>• In getting back to the document that has not yet been completed and approved, Rhonda asked committee chairs to provide a couple of sentences that describes the purpose and responsibility of their committee.</li> <li>• Sari stated much of this has been done in 1993 and provided the information from the CRMP project binder.</li> <li>• Rhonda will use what is available and enhance as needed.</li> </ul>	

<p><b>3. Annual Election of SRWC Chair</b></p>	<ul style="list-style-type: none"> <li>• Brief discussion was held to determine what to do for 2004 since we are already into the year.</li> <li>• With the absence of half the Executive Committee, we could not come to a conclusion at this time but felt if Ric was willing we would like him to continue as chairman.</li> <li>• Rhonda has mentioned she has left 2 messages for Gareth to obtain his status in the SRWC.</li> <li>• Sari asked if we could go to a 5-person Executive Committee. This would need to be further discussed.</li> <li>• Another suggestion is to change the By-Laws and make this a 2-year term.</li> </ul>	<p><i>Rhonda to talk with Ric</i></p>
<p><b>4. Proposals</b></p>	<ul style="list-style-type: none"> <li>• SRWC Coordinator – Rhonda will compile if necessary. Funding is currently available through March of 2007 (provided an extension is approved by DFG). Task Force funding may be the only source to be obtained for this round of proposals.</li> <li>• Education – Will split from SRWC as done last year.</li> <li>• Promotional material / travel expenses – Rhonda is interested in seeking additional funds for designing and making available quality promotional items and displays for use at various events. Also to be included will be travel expenses for staff or others to attend workshops and conferences for the purpose of expanding our knowledge and sharing our accomplishments.</li> </ul>	
<p><b>5. Next Steps for SAP</b></p>	<ul style="list-style-type: none"> <li>• The committee felt it should continue to work through the next stages and make necessary assignments to standing committees.</li> <li>• Provided combined committees are approved on a regular basis, this would be an appropriate place for specific actions to be addressed.</li> <li>• What help can the NRCS team provide? We first need clarity on their role and if their planning is for individual landowners vs. the watershed</li> </ul>	

<b>6. Agenda</b>	<ul style="list-style-type: none"><li>• March – presentations by David Lamphear and Bryan McFadin</li><li>• April – discuss idea of combined committee meetings; provide update on strategic actions; presentation by Danielle Quigley regarding assessments; invite Peter Townley to give a presentation about the NRCS team</li><li>• May or June – LFA presentation; geomorphologist presentation (fluvial and upslope)</li></ul>	
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**Other Discussion:** Sari mentioned we should be ready to do a Water Trust workshop, *Rhonda will talk to Gary to get details.*

**Adjourned: 8:30pm**

**Documentation of Meeting**

**Name:** Executive Committee  
**Date/Time:** April 5, 2004 6:30pm  
**Location:** SV Bank, Fort Jones  
**Documented By:** R.Muse

**Present:** Ric Costales, Ernie Wilkinson, Sari Sommarstrom, Vinnie McNeil, Tom Shorey, and Rhonda Muse

**Purpose:** To discuss 7 agenda items.

**Discussion:**

<i>Agenda Item</i>	<i>Description</i>	<i>Assignment/ Follow Up</i>
<b>1. Changing Exec Comm to 5 instead of 6</b>	<ul style="list-style-type: none"> <li>• No representative from Outreach at this time. Options include having Ric chair the Outreach Committee and omit having a SRWC chair without committee representation.</li> <li>• The Outreach Committee only has 2 people available to be a chairperson</li> <li>• Changing number from 6 to 5 is last resort.</li> <li>• Suggestion to offer the 6<sup>th</sup> seat to the Technical Committee and still have Ric as Outreach chair</li> <li>• Recommendation to ask Mary Roehrich to hold the Outreach Committee seat</li> <li>• Temporarily use a format of 5.</li> </ul>	<b><i>Rhonda to talk with Mary Roehrich</i></b>
<b>2. Chairman and Vice Chair – 2 year terms</b>	<ul style="list-style-type: none"> <li>• By common consent, the committee approved the idea of a 2-year term.</li> <li>• Suggested Vinnie hold vice-chair seat, she declined</li> <li>• Vinnie motioned, Sari seconded that Ernie hold vice-chair seat</li> <li>• To be discussed and approved at the next SRWC meeting</li> </ul>	
<b>3. Combined Committee meetings (follow up)</b>	<ul style="list-style-type: none"> <li>• Suggestion and discussion to hold combined committee meetings every other month as a working technical meeting for the SRWC.</li> </ul>	

	<ul style="list-style-type: none"> <li>• Concern of abandoning Open Council meetings. Must have public face, encourage and invite public.</li> <li>• Solution to rotate SRWC meetings on a bi-monthly basis:  SRWC Working/Technical Meeting (daytime)  SRWC Public Forum Meeting (evening)</li> <li>• By common consent, the committee approved rotating meetings, need to obtain SRWC consent</li> </ul>	<p><i>Rhonda to place on April agenda</i></p>
<p><b>4. Key Stakeholder group representation</b></p>	<ul style="list-style-type: none"> <li>• Sari provided 1994 proposed revisions where it lists the seats to be included on the SRWC. We must make an informed effort to recruit people to hold those seats.</li> <li>• All are present except Farm Bureau</li> <li>• Need to clarify Audubon, talk with Mary R.</li> <li>• Also add SOSS</li> </ul>	
<p><b>5. Draft By-Laws</b></p>	<ul style="list-style-type: none"> <li>• Rhonda distributed a copy of the draft to all committee members.</li> <li>• Corrections to be made to list of Advisory Membership (Article III), California Department of Forestry <i>and Fire Protection</i>; and University of California <i>Cooperative</i> Extension Service</li> <li>• Need text for Article IV, Section 8. Monitoring Committee; Membership and Responsibilities</li> <li>• Changed Article VII, Section 6a, SRWC Quorum to a minimum of <u>6</u> voting members</li> <li>• Change Article VII, Section 6b, SRWC Exec Comm Quorum to read; A quorum of the Executive Committee shall be <u>a majority of the Executive Committee seats.</u></li> <li>• Rhonda highlighted text change to Article X, Section 4: Added, <u>In the event the RCD does not approve a project for implementation through its financial administration, the SRWC may seek funding through another funding administrator.</u> By common consent the committee approved this addition.</li> <li>• All need to review and comment.</li> </ul>	<p><i>Tom to provide text for Article IV, Section 8</i></p> <p><i>Exec Comm members to review draft and make changes or comments by mid-May</i></p>

<p><b>6. Conservation Easement Workshop</b></p>	<ul style="list-style-type: none"> <li>• SV Grange to give presentation on May 3.</li> <li>• Sari and Gary have been discussing need for SRWC presentation in May</li> <li>• The committee agreed the May agenda will be dedicated to a Conservation Easement Forum. Sari and Gary to work out details of speakers, Carolyn to coordinate logistics in Rhonda’s absence.</li> <li>• Ric suggested legal input should be a presentation piece, contact Pacific Legal</li> <li>• Include Grasslands Reserve Program and others</li> <li>• Invite Nature Conservancy</li> </ul>	
<p><b>7. Letter to SSRT</b></p>	<ul style="list-style-type: none"> <li>• Rhonda distributed the final copy with input from Gary.</li> <li>• Ric Costales motioned to accept letter with Gary’s modification. Seconded by Ernie Wilkinson.</li> <li>• Signatures obtained.</li> </ul>	

**Other Discussion:** Ernie shared idea of Whipple and Plank to turn off irrigation for last crop of season (with incentive); DFG to set up gaging system to determine benefits. Need to determine value of lost crop.

Modifications made to the April SRWC agenda in accordance with review by Executive Committee.

**Adjourned: 8:15pm**

**Documentation of Meeting**

**Name:** Executive Committee  
**Date/Time:** May 24, 2004 6:30pm  
**Location:** SV Bank, Fort Jones  
**Documented By:** R.Muse

**Present:** Ernie Wilkinson, Sari Sommarstrom, Mary Roehrich, Tom Shorey, Peter Townley and Rhonda Muse

**Purpose:** To discuss 2 agenda items.

**Discussion:**

<i>Agenda Item</i>	<i>Description</i>	<i>Assignment/ Follow Up</i>
<b>1. Presentation: NRCS Klamath Basin Planning Team</b>	<ul style="list-style-type: none"> <li>• Peter Townley, Team Leader for the NRCS Klamath Basin Planning Team gave a presentation to describe the purpose of the team and the approach to basin planning. Executive Committee is to consider how planning will be integrated with our SAP.</li> <li>• Peter clarified that his team reports to the NRCS Regional Office in Red Bluff under Linden Brooks, rather than the Yreka Field Office.</li> <li>• Peter described the Klamath Basin Adaptive Management Plan in the upper basin (Lava Beds and Butte RCD's). The core objectives they wanted to meet were; decrease water demand, increase water storage, improve water quality, and develop fish and wildlife habitat</li> <li>• NRCS was asked to help meet the objectives, this was the beginning of the EQIP program.</li> <li>• Phase 1 included a rapid assessment to identify the current resource conditions and recommend resource management systems (a series of BMP's)</li> <li>• Phase 2 included an evaluation of cumulative effects of proposed resource management systems. This is where a multi-disciplinary team would come in (implementation of the Klamath Basin Planning Team)</li> <li>• Phase 3 includes specialized assistance with planning, designing and</li> </ul>	

	<p>implementing projects.</p> <ul style="list-style-type: none"> <li>• Original intent was to bring together upper and lower basins to target the entire basin, however the rapid assessment was not requested by the lower basin RCD's. Need to approach as a start up planning process to see what the needs are.</li> <li>• The team consists of a Team Leader, Hydrologist, Wildlife Biologist, Forester, and Range Management Specialist.</li> <li>• A meeting was held in April with the 6 lower basin RCD's to discuss a coalition in order for the RCD's to have a collective voice for impacting the management of public lands.</li> <li>• Peter stated the team is here to help in any area requested and there are no restriction on the type of work to be done by the team</li> <li>• The Executive Committee then reviewed the list of 2-year strategic action priorities and identified areas where the team can make contributions. They are actions F-1-A.a, F-2-F.a, F-2-F.c, M-2-A.b, M-2-D.b, and W-1-A.d</li> <li>• Members of the Executive Committee requested that each member of the NRCS Planning Team read the SRWC Strategic Action Plan so they will have a better understanding of: our watershed conditions, what has already taken place here, and where they can more specifically be of assistance. Peter already has an electronic copy of the Plan.</li> </ul>	<p><b><i>Rhonda to request a resolution from the RCD Board for the team to work with the SRWC</i></b></p>
<p><b>2. June and July Agendas</b></p>	<ul style="list-style-type: none"> <li>• The June meeting will consist of a presentation of the LFA, discussion of analyzing and interpreting data, and discuss action F-2-F.a Evaluate the geomorphology of the mainstem Scott river channel to identify potential demonstration projects. This action is to also include upslope geomorphology.</li> <li>• The July meeting will be a public educational forum with presentations regarding the Water Trust. If that cannot be worked out, then a presentation about the Monitoring Plan will be scheduled.</li> </ul>	

**Adjourned: 8:00pm**

**Documentation of Meeting**

**Name:** Water Committee  
**Date/Time:** May 23, 2003 @ 10:00am  
**Location:** RCD Office  
**Documented By:** R.Muse

**Present:** Ken Maurer, Sari Sommarstrom, Danielle Quigley, Bill Bennett, Liz Bowen, Jay Power, Jeff Fowle, Mike Bryan, Steve Orloff, and Rhonda Muse

**Purpose:** To discuss 5 agenda items.

**Discussion related to agenda items:**

- Text in **bold** refers to text added to agenda item, or a committee action if indicated in the discussion notes.
- Text in ***bold/italics*** refers to follow up assignments.
- ✧ Bullets denote discussion notes
- \*\* Asterisks denote correction to the minutes (after review by committee members)

Topic	Tasks	Track	Assignment/ Follow Up
1. Comment of SSRT, Water recommendations / SAP & Flows Action Plan	a) Information sharing ✧ Rhonda described that she is gathering SSRT recommendations and comparing them to SAP objectives and actions. ✧ Most are consistent, a few are being added to SAP and will be reviewed by this committee at the next meeting	Informational	<b><i>Schedule progress for next meeting</i></b>
2. Format comments to SSRT	✧ Not discussed due to format and progress of SSRT		
3. Selection of Hydrologist	a) Hydrologist ✧ Selection committee chose Mike Deas ✧ Will be presented to RCD in June for approval ✧ Mike to meet with Water Committee in July	Council Project	
4. Field trip	a) Water related issues and sites for this summer ✧ Not discussed	Council Project	<b><i>Tabled for next meeting</i></b>

<p>5. Water Quality</p>	<p>a) Define goals, objectives, and actions</p> <ul style="list-style-type: none"> <li>✧ Key issues to address include geological survey (items to answer are riparian zone and down-cutting clay layer), temperature, and sediment</li> <li>✧ Reviewed 5 actions to be included in SAP:</li> <li>✧ 1. Where possible, identify and remedy conditions that contribute to high water temperatures that are lethal to salmonids at various life stages.</li> <li>✧ 2. Identify location, timing, frequency and duration of possible thermal barriers to migration of adult and juvenile salmonids.</li> <li>✧ 3. Investigate the contribution of the flow of cool subsurface water sources and identify location for potential rearing habitat.</li> <li>✧ 4. If needed, install systems that reuse tail or end water or percolate it through the ground to cool it.</li> <li>✧ 5. Protect thermal refugia areas (for riparian habitat section).</li> <li>✧ Need to add objective: Reduce sediment yield.</li> <li>✧ Pull sediment info from French Creek info and discuss at next meeting</li> </ul>	<p>Council Project</p>	<p><b><i>Rhonda to add info to SAP</i></b></p>
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**Presentation/Discussion of Potential Project – Geological Survey:**

- ✧ Does this committee want to pursue the development of such a project? ***Committee approves development of this project.***
- ✧ Background: Based on the ideas presented in NCWAP’s request for the study of main stem Scott River sediment source areas and impact to salmon habitat, Jay Power has expressed his continuing concern over the need for a geological survey. This has prompted further discussion by this committee to follow through with project development.
- ✧ Discussion: What data is available? Answer: Sari’s sediment study, cross-sections, TMDL (results of geological survey timeline to be considered).
- ✧ No prior studies on historic condition
- ✧ What is impact of tailings
- ✧ Characteristics of channel is the focus, not sediment
- ✧ Key question: meander vs. ag impact
- ✧ Would require 100% landowner participation
- ✧ Need to identify what TMDL would provide

***Follow Up:***        ***Bill to look into providing GIS demo of what was done on Sacramento River  
RCD Staff to get FWS study info  
Jay, Bill, and Sari to refine objectives of a geological survey***

**Next meeting:**        June 25, 2003, 3:00pm

**Potential agenda items:**

- ✧ Field Trip
- ✧ Update on refined objectives for geological survey
- ✧ Water Quality objectives/actions regarding sediment

**Adjourned: 12:10pm**

**Documentation of Meeting**

**Name:** Water Committee  
**Date/Time:** June 25, 2003 @ 3:00pm  
**Location:** RCD Office  
**Documented By:** R.Muse

**Present:** Sari Sommarstrom, Danielle Quigley, John Clemens, Joe Scott, Liz Bowen, Steve Orloff, and Rhonda Muse

**Purpose:** To discuss 5 agenda items.

**Discussion related to agenda items:**

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Text in ***bold/italics*** refers to follow up assignments.

✧ Bullets denote discussion notes

\*\* Asterisks denote correction to the minutes  
 (after review by committee members)

Topic	Tasks	Track	Assignment/ Follow Up
1. Field Trip	a) Identify who, when, and where ✧ Sari suggested the group take a field trip in July and another in September to late fall. ✧ Purpose: provide image of discussion items ✧ Audience: Water Committee with invitation to Council ✧ Potential Topics: Piping (in the fall), Beaver Dams, Water Master, Gaging Stations/EF & SF pressure transducers/Soil Moisture Monitoring, Tozier Ranch/Vortex Weir/Fish Screen, Upper Shackleford/FWS gage, Eiler Ranch/soil moisture sensors.  ✧ The group discussed options for the July trip and decided on the following: ✧ Visit gage site on upper Shackleford (Fruitgrowers) ✧ Visit Tozier’s vortex Weir on lower shackleford	Council Project	<p><i><b>Rhonda to contact Kelly Conner for access to Fruitgrowers</b></i></p> <p><i><b>Liz to notify Ben Tozier of visit</b></i></p>

	<ul style="list-style-type: none"> <li>✧ Visit Eiler Ranch to see computerized soil moisture sensors</li> <li>✧ Visit EF pressure transducer</li> <li>✧ Invite Monitoring Committee as focus on water measurement and water use</li> <li>✧ Meet at Ray's in Fort Jones, 8:30am</li>   <li>✧ September to late fall, look at sites for headgates, measuring devices, and stream gages</li> </ul>		<p><b><i>Rhonda to contact Bill Eiler for discussion about computer system</i></b></p> <p><b><i>Rhonda to announce to Monitoring Committee</i></b></p>
2. Water Quality Objective and Action Items	<ul style="list-style-type: none"> <li>✧ Group agreed to use objective stated by Sari in an email dated June 13</li> <li>✧ Actions for sediment can be taken from the road management plan for French Creek</li> <li>✧ Need emphasize road inventories which would include private roads</li> </ul>	Council Project	
3. Water Supply	<p>a) Clarify how we encourage water use within rights</p> <ul style="list-style-type: none"> <li>✧ Group discussed encouragement would be achieved through education about water rights and how to measure volume</li> <li>✧ Needs to be moved to action items as it is not currently being done</li> <li>✧ John Clemens provided a description of how water rights work and stated adjudication maps are available</li> </ul>	Council Project	
4. SSRT request for verification of water use	<p>a) Gary requested the committee provide input on how this may be accomplished</p> <ul style="list-style-type: none"> <li>✧ Since no diverters were present to comment on this topic, the group discussed in comment only and made no decisions to support or modify the proposed verification strategy.</li> <li>✧ The group agreed with the SSRT strategy of recommendations under category of Water Management: Verification of Water Diversions with Water Rights, however dates under status seem to be off by at least one year.</li> <li>✧ Group agreed 100% would take a long time and is unrealistic for the timeframe proposed.</li> <li>✧ Group felt the training of SRWC and RCD staff under short</li> </ul>	Informational	

	term action of recommendation WM-2c is not feasible as funding is not available to pay for those services.		
5. SSRT request for emergency water plan	<p>a) Gary requested the committee provide input on how this may be accomplished</p> <ul style="list-style-type: none"> <li>✧ The group was not clear on what the assignment is since the recommendation states to ask SRWC to develop a plan. Was this that request?? If so, it was confusing as it is being requested prior to the recommendation going to the recovery plan. Gary was not present to help clarify so the item could not be discussed.</li> <li>✧ Sari commented that this issue is already being done through the water trust, water balance, and other studies.</li> </ul>	Informational	

**Next meeting:** July 24, 2003, 8:30am – field trip

**Adjourned: 5:20pm**

**Documentation of Meeting**

**Name:** Water Committee  
**Date/Time:** July 8, 2003 @ 9:00am  
**Location:** RCD Office  
**Documented By:** R.Muse

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**Present:** Sari Sommarstrom, Danielle Quigley, Mike Deas, Stacy Tanaka, Ken Maurer, Steve Orloff, Jay Power, Gary Black, and Rhonda Muse

**Purpose:** To meet with Watercourse Engineers to discuss Water Balance

**Discussion related to agenda items:**

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Text in ***bold/italics*** refers to follow up assignments.

✧ Bullets denote discussion notes

\*\* Asterisks denote correction to the minutes  
(after review by committee members)

**Topic Tasks Track Assignment/****Follow Up**

1. Flow Enhancement project Discussion using Power Point presentation, copy attached a) Information sharing Mike Deas and Stacy Tanaka

- ✧ Sari shared information about the development of a draft chronology for Fall 2002 pilot project in the works. This document covers the period of mid-Sept to mid-Nov.
- ✧ Ken shared his graph of flow, temp, precip with Mike and Gary
- ✧ Ken questioned: Are there things that go into the regime that affects flows? Answer: Flow gages on trib. Is a function of temp and trees. USFWS has a few new gages but no data yet. DWR has EF and SF data, some gages below ditches
- ✧ Question: What other variables were monitored during this time period? Answer: Many can affect flow. Need final report.
- ✧ Question: Can analysis be done on other factors? Answer: Need to see what data is available, much of the data is preliminary. Missing data needs to be evaluated before, during, and after. Some locations are also missing.
- ✧ Mike gave an interactive power point presentation to discuss the water balance tools and outline to help understand goals and ideas to make sure all are on the same page.
- ✧ Correction to 'Outline' slide: Change 'complication of ideas' to 'compilation of ideas'.
- ✧ Slide for Task 1a: needs further discussion for data management
- ✧ Slide for Task 2, cont: need to discuss in more detail

- ✧ Slide for Goals: define ‘optimum’, see definitions provided by Mike Deas
- ✧ Slide for Goal with Respect to Water Balance Study: used checkbook analogy for the mathematical tool.
- ✧ Slide for Four Categories of Uses: this indicates an organized approach for putting potential uses into categories
- ✧ Slide for biological: comments were, relationship to spawning and migration is water is needed for trib rearing and mainstem migration, coho summer rearing is a priority as defined by the Fish Committee. What region has fish?? Jay to provide GIS layer. What is the domain for lower Scott?? What components would be included, from ridgeline, etc?? Answer: whole watershed.
- ✧ Slide for Hydrology: first bullet clarified by stating ‘useful water conservation’ would be for instream use. Second bullet expanded to ask how is groundwater interconnected with river, or are there zones which act differently?? Groundwater recharge to be included. Groundwater data defined as spatial, temporal, and rate.
- ✧ Slide for Water Quality: how is this to be included?? Possible model for conservative contingents. Re: TMDL, need to know what is region or range of data, is it up to ridgeline??
- ✧ Slide for Over-Reaching & Global: Change to title as Education
- ✧ Slide for General System Definitions: Mike suggested we compartmentalize the system. Need to determine sub-sets by identifying logical break points (i.e. fish use, land use, etc). Possible use of key nodes (i.e. morphology, some reaches that goes dry regardless of water year).
- ✧ Slide for Key Components – Spatial: question regarding first bullet ‘runoff volume’, is this to be described by upslope vegetation?
- ✧ Slides for General Considerations (x2): Comment to point out that management of data is an important factor and could be time consuming. Need to know what it will take. Is long-term planning referencing basin level or stream level?? Documentation needed for implementation, business model/needs, testing, user guide, resources/raw data and/or assumptions. Has funding been identified to support the general considerations and documentation??

Several attendees continued on a tour of the watershed. Informational Council Project

***Jay to provide GIS layer showing fish presence***

***Water Committee to further discuss outstanding questions.***

***Water Committee to consider sub-sets of system during field trip on July 24 by stopping at bridges and Youngs Dam while touring other sites as defined in the Water Committee mtg of June 25.***

***Gary will complete a final report for the funding sources. The committee can see that report upon completion.***

- ✧ 2. Flows Action Plan Bill Bennett provided DWR handouts via Sari
- ✧ Question: Do we want to include the information in the Flows Action Plan? (put in graph form).
- ✧ Question: What is the relevance? Answer: The way DFG interpreted data for Scott’s contribution to Klamath is a factor.
- ✧ Discussion regarding the Consumptive Impair column RE: Unimpaired Flow (Acre Feet) document, the numbers seem arbitrary. Problem matching the numbers on 2 reports.

- ✧ Needs further review and have DWR explain differences.
- ✧ Flows Action Plan to include list of projects gleaned from program binder. Note for Water Program document, the amount with asterisk (\*) indicates multiple programs (i.e. Riparian) and budget is not split
- ✧ **RE: Water Program document, the group agreed to move Shackleford/Mill #74 to Fish Committee**
- ✧ Sari to do pie chart of cost by type of project.
- ✧ Should we include financial info? Yes, as a total only.
- ✧ Should we include success of Beaver Dam projects? Yes, but need to do additional demonstration projects over a 2-3 year period. Only 2 done in the past, 1 worked, 1 did not.
- ✧ Do we want to include quality with flow? Yes, add as an objective.

Need further review of actions to ensure this committee provides input. Council Project

*Invite DWR staff to next Water Committee meeting, Bill or Tito(?) or both*

*Sari to do pie chart of cost by type of project.*

*Committee to draft additional objective for water quality & flows*

3. Water Balance a) Getting a Hydrologist Consultant input
  - ✧ Reviewed handout from Danielle.
  - ✧ Question: Is having a model our goal? Answer: Yes, it is a predictive tool to help with better water management
  - ✧ Need to check on USGS model and add to list (Mod Flow 2000)

Need to define expectations/results of a contract Council Project

*Danielle to draft 3-4 tasks in a letter request for qualifications*

*Committee to review for comments and/or changes.*

*Committee to review qualifications when responses are received*

4. SAP a) Status
  - ✧ The results of the prioritization process by Planwest did not provide what we expected. Committees need to revise the way we identify short, mid, and long term actions.

Reviewing actions vs. current projects

A new document was distributed for identifying actions that are currently being addressed, and to remove actions that are not desirable. After thorough discussion, the committee agreed to remove the following actions:

- W-1.A.d Identify geologic formations that naturally affect flow.
- W-1.C.a Study the potential for using dredging tailings for water storage utilizing winter excess and storing H2O out of anadromous habitat.
- W-1.C.d Investigate, through demonstration projects if needed, various new methods which will reduce the pumping costs of stockwater wells and to minimize other operating and maintenance concerns.

Changes to other actions will be reflected in the revised document (to be distributed with more SAP changes)

Moved W-1.c.i to an overall watershed action.

Changed W-1.C.j to read 'Encourage water use to be within adjudicated amounts'.

Future input to additional actions

It was noted that the SAP is a flexible plan and will allow for the addition of actions.

Council Project

**Adjourned: 12:00pm**

**Documentation of Meeting**

**Name:** Water Committee  
**Date/Time:** November 4, 2003 @ 9:00am  
**Location:** RCD Office  
**Documented By:** R.Muse

**Present:** Sari Sommarstrom, Liz Bowen, Bill Bennett, Danielle Quigley, Mike Deas, Ken Maurer, Steve Orloff, Jay Power, Gary Black, and Rhonda Muse

**Purpose:** To meet with Watercourse Engineers to discuss Water Balance draft report.

**Discussion related to agenda items:**

- Text in **bold** refers to text added to agenda item, or a committee action if indicated in the discussion notes.
- Text in ***bold/italics*** refers to follow up assignments.
- ✧ Bullets denote discussion notes
- \*\* Asterisks denote correction to the minutes  
(after review by committee members)

Topic	Tasks	Track	Assignment/ Follow Up
1. Discussion using reference to distributed copy of Executive Summary portion of report	a) Mike Deas ✧ Mike explained he would like to discuss 3 items; ✧ 1) Identify the last few pieces of draft to fill in the gaps. He will be meeting with DWR today. The main question is ‘what will the data sharing mechanisms include?’ ✧ 2) What are other uses of the report? Will it support additional funding needs? Committee members need to comment and respond to Mike. ✧ 3) No recommendation of the models presented is being made. The group needs to rank the models and identify what the local resources are for maintaining a model. ✧ Mike explained he has met with some DWR staff regarding groundwater and has a good idea of what they would like to do in the future. These include studies and not assessments.	Council Project	

	<ul style="list-style-type: none"> <li>✧ Mike verbally described his primary recommendation for this stage of the process. <b>**This is to create our own model using an Excel spreadsheet. All current data, including what has been compiled by Ken Maurer is to be input into the spreadsheet**</b>. This process will force us to characterize all the pieces and give us the ability to fill in labels and boxes of the schematic provided on page 23 of the draft report. If we do not do this task, we will miss quantifying what is real.</li> <li>✧ In addition to the spreadsheet, we must document the input and assumptions.</li> <li>✧ Big models would be secondary. They are not as transparent as our own Excel spreadsheet. Exel would allow us to see the relationships (know what is going in and what is coming out).</li> <li>✧ We could then use the spreadsheet to educate the community.</li> <li>✧ Next steps toward development of such a spreadsheet is to;</li> <li>✧ 1) Pull an example and set up a template. Mike can help to set this up.</li> <li>✧ 2) Fill in pieces. Committee to do input.</li> <li>✧ 3) Mike to help jump start the exercise.</li> <li>✧ Other assignments:</li> <li>✧ 1) Group to review Mike’s draft report and give him your comments.</li> <li>✧ 2) Mike to give presentation of final report to SRWC in January.</li> <li>✧ 3) Water Committee exercise for doing spreadsheet input day after SRWC meeting in January.</li> </ul>		<p><b><i>Water Committee to review draft report and send comments to Mike Deas.</i></b></p> <p><b><i>Mike Deas to help develop a spreadsheet model.</i></b></p>
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**Other Announcements:** Bill Bennett announced that DWR funding cuts will result in no additional land use and water use studies.  
**Adjourned: 11:00am**

**Documentation of Meeting**

**Name:** Water Committee  
**Date/Time:** January 8, 2004 @ 9:00am  
**Location:** RCD Office  
**Documented By:** R.Muse

**Present:** Sari Sommarstrom, Liz Bowen, Danielle Quigley, Ken Maurer, Steve Orloff, Bill Bennett, Gary Black, and Rhonda Muse

**Purpose:** To discuss 5 agenda items.

**Discussion related to agenda items:**

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Text in ***bold/italics*** refers to follow up assignments.

✧ Bullets denote discussion notes

\*\* Asterisks denote correction to the minutes  
 (after review by committee members)

Topic	Tasks	Track	Assignment/ Follow Up
1. Water Balance Report	a) Review and Comments on Draft from Mike Deas ✧ The group agreed that the report met the objectives and provided good background information. ✧ Question in regards to the goals stated in the Introduction – does the order of goals imply a hierarchy? Answer: No. Mike has also reworded goals in section 4.1 that is an efficient way of capturing the meaning of goals. ✧ Question: Does the group agree with the re-statement of goals? Answer: Yes. ✧ It is clear that Mike is unable to address the biological needs for fish based on the information that is available. ✧ The group made suggestions for finalizing the document through specific comments about the report. Rhonda will compile all comments into a response for Mike and will submit to committee members for review prior to sending. ✧ <b>Consensus to finalize report with suggested changes.</b>	Council Project	<p><b><i>Bill Bennett to locate and submit a new map to replace Figure 2.</i></b></p> <p><b><i>Danielle to provide a paragraph for Page 8 regarding RCD data.</i></b></p> <p><b><i>Gary and Sari to add a few sentences to Ag section on Page 23.</i></b></p>

<p>2. Groundwater Study</p>	<p>a) Potential application to DWR for Grand due 1/28</p> <p><u>Funding Opportunities:</u></p> <ul style="list-style-type: none"> <li>✧ Sari described the funding opportunity through DWR, application is due on January 28<sup>th</sup>. Bill Bennett described the purpose of AB303.</li> <li>✧ Other funding opportunities may or may not provide necessary funds</li> <li>✧ DFG grant program may not provide funds for this work</li> <li>✧ KRBFTF (Task Force) has a funding cycle where applications are due in May</li> <li>✧ BOR has money but not through a grant, the BOR requires mitigation and would provide service. Questions about this source were discussed. When does the community want BOR involved?</li> </ul> <p><u>Project Discussion:</u></p> <ul style="list-style-type: none"> <li>✧ Siskiyou County would need to be involved as they would have authority based on ordinance. They must be an entity on the project.</li> <li>✧ Held discussion in regards to the RCD as a qualified participant due to the lack of a groundwater management plan. Documentation states the adjudication applies as a plan.</li> <li>✧ County will endorse but not be a lead in this type of project.</li> <li>✧ It is worthwhile for Ag to meet with County to find out what it would take for the County to engage in groundwater issues.</li> <li>✧ Bill described his proposal for DWR to do a study through BOR money, an issue for this would be community response to the use of BOR funds and participation.</li> </ul> <p><u>Next Steps:</u></p> <ul style="list-style-type: none"> <li>✧ Discuss with RCD</li> <li>✧ Need 1-page written proposal for Technical Committee</li> <li>✧ Place on SRWC Agenda for 1/20 if necessary</li> <li>✧ Sari to contact Jim DePree regarding County involvement and placement on the Board of Sups agenda for 1/20</li> <li>✧ Liz willing to talk with Marcia to give a heads up and attend 1/13 Board of Sups meeting</li> <li>✧ Mike Deas willing to assist with application</li> <li>✧ Sari to assist with application</li> <li>✧ Staff to take the lead on completing the application</li> </ul>		<p><b><i>Rhonda and Bill to describe [to the RCD Board] the project and the January 28 application that is available.</i></b></p> <p><b><i>Sari to contact Jim DePree.</i></b></p> <p><b><i>Liz to contact Marcia Armstrong.</i></b></p> <p><b><i>Mike and Sari to compile information for proposal, Rhonda to distribute to Tech. Committee</i></b></p>
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3. SAP Comments	Sari described what the Executive and Technical Committees need to do in regards to incorporating comments on the Draft into the document. We did not get to the water sections during the review at the combined meeting.		
4. Mike Deas' Presentation for 1/20	<p>a) Water Committee involvement</p> <ul style="list-style-type: none"> <li>✧ Meeting on 1/20 from 2-5pm at the RCD Office</li> <li>✧ Mike will demonstrate a simple Excel model for our use</li> </ul> <p>b) SRWC Presentation</p> <ul style="list-style-type: none"> <li>✧ Need large landowner attendance</li> <li>✧ Make phone calls to get people there</li> <li>✧ Reserve a large space such as the Grange</li> <li>✧ Liz to put announcement on the radio</li> <li>✧ Schedule half hour presentation and half hour discussion time</li> <li>✧ Video tape the presentation</li> <li>✧ Include groundwater and surface water relationship in the title of presentation. People may not understand Water Balance.</li> </ul>		<p><b><i>Rhonda to make sure phone calls are made and reserve the Grange.</i></b></p> <p><b><i>Liz to get announcement to radio stations.</i></b></p>
5. Status of water monitoring	<p>a) Streamflow gages and precipitation devices</p> <ul style="list-style-type: none"> <li>✧ Danielle reported that FWS gages are still in place and were calibrated and uploaded at the end of December</li> <li>✧ Sugar Creek is not maintained during the winter</li> <li>✧ EF and SF gages were calibrated but not online</li> <li>✧ All new DWR gages are not online as they still need to get phone lines connected</li> <li>✧ Bill has tables for previous calibrations on Shackleford and Mill, this data will help us to understand changes over time</li> <li>✧ Question: When will Scott Bar get online? Answer: Unknown, Bill will talk to John</li> <li>✧ Precip. Gages; 5 installed in November and December. Danielle distributed a table of locations and other info. She stated the newly installed gages will not catch the water year but did get a good portion of rain in 2003. The data in December and January may indicate wrong values based on the amount of snow.</li> </ul>		<p><b><i>Bill to talk with John regarding Scott Bar gage.</i></b></p>

**Next Meeting: January 20, 2004 – 2:00pm – RCD Office**

**Adjourned: 12:00pm**

**Documentation of Meeting**

**Name:** Water Committee  
**Date/Time:** January 20, 2004 @ 2:00am  
**Location:** RCD Office  
**Documented By:** R.Muse

**Present:** Mike Deas, Sari Sommarstrom, Liz Bowen, Danielle Quigley, Ken Maurer, Bob Eiler, Bill Bennett, Gary Black, Jay Power, Noel Eaves (DWR), Toccoy Dudley (DWR), Michael Ward (DWR) and Rhonda Muse

**Purpose:** To discuss 4 agenda items.

**Discussion related to agenda items:**

- Text in **bold** refers to text added to agenda item, or a committee action if indicated in the discussion notes.
- Text in ***bold/italics*** refers to follow up assignments.
- ✧ Bullets denote discussion notes
- \*\* Asterisks denote correction to the minutes (after review by committee members)

Topic	Tasks	Track	Assignment/ Follow Up
1. Comments to Mike Deas on Draft Water Balance Report	a) Deliver comments <ul style="list-style-type: none"> <li>✧ Rhonda provided the written comments from the January 8<sup>th</sup> Water Committee meeting.</li> <li>✧ Mike Deas should include his name on the report</li> <li>✧ Include acknowledgements of the funder (SWRQB)</li> <li>✧ No comments were made regarding the comparison of models as Mike has the expertise in this area and the committee trusts his evaluation</li> <li>✧ Comments can still be made, submit any additional comments to Rhonda by February 5<sup>th</sup>, Rhonda will forward them on to Mike.</li> </ul>	Council Project	
2. Excel spreadsheet model	a) Mike's presentation of a sample Water Balance model using Excel <ul style="list-style-type: none"> <li>✧ Mike opened his presentation with a brief description of his efforts to compare existing models. He stated various vendors wanted a copy of his comparison as that currently does not exist for them.</li> <li>✧ Mike compiled a set of fictional data in his sample model</li> </ul>		

	<ul style="list-style-type: none"> <li>✧ Showed how to insert notes in regards to cells. He stated this should not be the only documentation and recommended a Word document accompany the spreadsheet</li> <li>✧ Error checks were built into the model where necessary</li> <li>✧ Question: Is designation of crop type determine where water goes (by reach)? Answer: Data is based on level of detail and can break reaches.</li> <li>✧ Mike explained it is typical that it would take 2-4 years for the community to understand a model</li> <li>✧ Mike stated the SRWC would need to identify what components would be added next, his sample started with agriculture. Other components could include municipal and industrial use, precip, and riparian/upslope vegetation</li> <li>✧ Mike explained that quantifying the information put into a model is probably 60% of the model</li> <li>✧ Pre-defined formulas are present to convert acre feet to CFS</li> <li>✧ It is recommended a set of master documents be utilized that never change. In the event we want to ‘sample’ data we should copy the master document.</li> <li>✧ Discussed the idea to start with larger reaches then narrow down the scope to get to smaller reaches</li> <li>✧ Danielle was given the Excel spreadsheet model to spend some time and input true data, some funding is available to do this.</li> <li>✧ Water Committee needs to discuss the next component (GW, Precip/Snow, ET, etc.). UC Davis should have data for an upland consumptive model.</li> <li>✧ Question: What expertise is necessary to make sure we are following the arrows? Answer: we must make decisions and document them. Use agency data and deep replicating information to understand what is happening.</li> </ul>		
<p>3. Groundwater Study</p>	<p>a) Discuss RCD response and Bill’s draft</p> <ul style="list-style-type: none"> <li>✧ Rhonda and Bill reported on the RCD Boards first response to the idea of doing a groundwater study. The concern is that we first have community support before compiling a proposal for funding.</li> <li>✧ Bill Bennett is working on a preliminary draft.</li> <li>✧ It was described that this was a purely technical study to see how much</li> </ul>		

	<p>storage is in the basin, levels of groundwater, and help quantify the relationship with surface water.</p> <ul style="list-style-type: none"> <li>✧ Bill stated he will present the proposal to the RCD in concept as a heads-up</li> <li>✧ Current data only covers the eastside of the valley</li> <li>✧ DWR wants to expand the number of wells to contour the basin</li> <li>✧ Fear of landowners is to move contour line and impact water rights or force them to operate land differently</li> <li>✧ DWR states their goal is to look at the natural affect</li> <li>✧ It was recommended that all beneficial uses be put into writing in order to gain community support. This should also include specific projects that would be derived from such a study.</li> <li>✧ There remains a fear of public data being twisted</li> </ul>		
<p>4. Tonight's presentation and public response</p>	<p>a) Mike's presentation on the draft report</p> <ul style="list-style-type: none"> <li>✧ Community and landowner concerns would be the same as discussed during the groundwater study item</li> <li>✧ Mike explained that hydrology does not split groundwater and surface water, it is all one body of water. He will attempt to communicate that during his presentation</li> </ul>		

**Next Meeting: TBD**  
**Adjourned: 5:00pm**

**Documentation of Meeting**

**Name:** Combined Committee Meeting (all)  
**Date/Time:** February 27, 2004 @ 9:00am  
**Location:** RCD Office  
**Documented By:** R.Muse

**Present:** Sari Sommarstrom, Danielle Quigley, Ken Maurer, Bill Bennett, Gary Black, Bill Krum, Kelly Conner, Mary Roehrich, Ernie Wilkinson, Jim Kilgore, Tom Shorey, Jim DePree, Dennis Maria, Carolyn Pimentel, and Rhonda Muse

**Purpose:** To discuss 5 agenda items.

**Discussion related to agenda items:**

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Text in ***bold/italics*** refers to follow up assignments.

✧ Bullets denote discussion notes

\*\* Asterisks denote correction to the minutes  
 (after review by committee members)

Topic	Tasks	Track	Assignment/Follow Up
1. Technical assistance for gage station monitoring	a) Proposal discussion ✧ Suggest limiting the clarification of vegetation to utilize the various sources ✧ Use 1944 photos, and also include data from soil veg maps from the 50's or 60's ✧ Compare current to previous to identify changes over time ✧ Objective should read "Compare current upland vegetation to historic records and develop a pilot project" <b>(?? Need to get wording from Sari)</b> ✧ <b>Sari Sommarstrom motioned to accept the proposal with change to the objective and to add a pilot study, seconded by Ernie Wilkinson.</b> ✧ Further discussion included adding flexibility to the proposal that would allow use of funds for only one priority location. McConaughy as first priority and Wildcat as second priority (Etna is no longer listed as a potential site). ✧ Jim Kilgore stated info regarding ET, from the Klamath Symposium could be useful for this project	Council Project	<b><i>Danielle to make necessary changes and compile bid material</i></b>

<p>2. Streamflow Gaging</p>	<p>a) Proposal discussion</p> <ul style="list-style-type: none"> <li>✧ Danielle provided the format for proposal in which the title read ‘Scott River Water Balance Model (match funds)’</li> <li>✧ It has been suggested to change the title to state what the project would accomplish, this will now read ‘Streamflow Gaging’.</li> <li>✧ Bill Bennett explained the need. Due to State budget cuts, DWR may not be able to manage gages. They are still attempting to locate funds. It seems prudent to have local folks find funds and manage gages including calibration.</li> <li>✧ <b>The group agreed to move forward with the proposal and seek funding. Also suggested we explore the need to split rain gages from streamflow gages.</b></li> </ul>		<p><i>Danielle to compile proposal for SRWC meeting and RCD Board</i></p>
<p>3. Water Balance</p>	<p>a) Review Excel model and answer questions</p> <ul style="list-style-type: none"> <li>✧ Danielle provided and handout reporting data she has input into the Excel model. Outstanding questions to be answered were discussed.</li> <li>✧ 1. Assumptions need to be made on the volume of Etna, Patterson, Kidder, etc based on watershed size compared to East or South Fork? Discussion finds various assumptions are being used and do not provide consistency. Recommend using 1972 data as a start.</li> <li>✧ 2a. Should we make a spreadsheet for each water year type? Answer: Use average year as baseline data, compile separate spreadsheets by year then ‘roll up’ into water year types.</li> <li>✧ 2b. What is the definition of critically dry? Answer: Use DWR’s definition</li> <li>✧ 3. Do we assume that ditch take-out (is SVID and Farmers) return within the one month time frame? Did not answer this question.</li> <li>✧ 4. What units would be useful for this purpose? (cfs vs acre-feet) Answer: use whatever is available, the model will convert</li> <li>✧ 5. Additional question: How should it be reported? (total vs average by month) Answer: Both</li> <li>✧ A long discussion to attempt to clarify reaches was not finalized. The</li> </ul>		<p><i>Schedule completion of this discussion for next meeting.</i></p>

	<p>brainstorming session resulted in identifying various aspects of information to be included in the model. These are: Rain (valley); tribbs; groundwater storage; ET crops; ET veg; domestic use; USGS gage; and livestock. Other potential inputs are: Evaporation; upslope groundwater; and surface storage.</p> <ul style="list-style-type: none"> <li>✧ All factors should be collected monthly and will vary by season.</li> <li>✧ Another meeting will be necessary to get clarification on the criteria for the model.</li> </ul>		
<p>4. Groundwater Study</p>	<p>a) Discuss development of study</p> <ul style="list-style-type: none"> <li>✧ Rhonda stated we need to clarify the purpose of a groundwater study as well as identify what we would gain by doing such a study. This information is needed (in writing) so all parties have the same understanding as well as provide a basis for any outreach effort.</li> <li>✧ Jim DePree explained the involvement of Siskiyou County and that they be included in any planning for groundwater. He and others have spent 5 years discussing potential planning for this topic and have compiled many suggestions and possible recommendations for groundwater management that need to be considered or included in a study.</li> <li>✧ The Strategic Action Plan (SAP) discusses groundwater in Section 11. Points made here include the following statements: ‘ A groundwater study is vitally needed to help understand the hydrology of the watershed, particularly Scott Valley’; ‘More information is needed on the effect of groundwater pumping and surface water diversions and the degree of interconnectivity to asses the effect of these practices on fall and summer flows.’</li> <li>✧ An objective is stated in the SAP to ‘Improve our understanding of the hydrology of the Scott River system and the relationship to water use’. A 2-year action item for this objective states to ‘Conduct a groundwater study including connectivity of groundwater to streams’.</li> <li>✧ The groups listed what we would gain by having a better understanding of groundwater: <ul style="list-style-type: none"> <li>Improve fishery, urban, and ag needs</li> <li>Provide data for the Water Balance model</li> <li>Assist Siskiyou County with thresholds and actions in regards to</li> </ul> </li> </ul>		<p><b><i>Rhonda to schedule March meeting</i></b></p>

	<p>groundwater management, including water quality, not depleting the aquifer, and maintaining local management</p> <p>Groundwater augmentation of physical factors</p> <ul style="list-style-type: none"> <li>✧ <b>The group agreed to proceed under a coordinated effort with the SRWC’s Water Committee, DWR, and Siskiyou County</b></li> <li>✧ Need to schedule a meeting in March with members of the Water Committee, Mary Roehrich, Dennis Maria, Bill Bennett, Toccoy Dudley or Mike Ward (DWR), Bill Bennett (DWR), Jim DePree (Co), and representatives from County planning and legal.</li> </ul>		
5. Literature search for Vegetation and Flow	<p>a) Review what has been done for assessment project</p> <p>We did not have time to address this subject.</p> <p>Table for next meeting.</p>	Council Project	<b><i>Table for next meeting</i></b>

**Other:** Ken Maurer distributed an article from the San Diego Union Tribute (April 6, 2003) regarding Groundwater Resources. Ernie Wilkinson distributed an article from Jim & Stephanie Carpenter titled ‘Soil Restoration’ and also reminded everyone of the presentation being given at the April 15<sup>th</sup> SQIF meeting by Wayne Elmore.

**Next Meeting: TBD**  
**Adjourned: 12:30pm**

**Documentation of Meeting**

**Name:** Water Committee Meeting  
**Date/Time:** March 24, 2004 @ 9:00am  
**Location:** RCD Office  
**Documented By:** R.Muse

**Present:** Sari Sommarstrom, Danielle Quigley, Ken Maurer, Bill Bennett (DWR), Gary Black, Jim DePree, Toccoy Dudley (DWR), Noel Eaves (DWR), Mike Ward (DWR), Bryan McFadin (NCWQCB), Jay Power, Mary Roehrich, and Rhonda Muse

**Purpose:** To discuss how to approach groundwater studies through a collaborative effort by SRWC, Siskiyou County, and DWR.

**Discussion related to agenda items:**

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- Text in ***bold/italics*** refers to follow up assignments.
- ✧ Bullets denote discussion notes
- \*\* Asterisks denote correction to the minutes (after review by committee members)

Topic	Tasks	Track	Assignment/Follow Up
1. How to approach GW studies	a) Discussion <ul style="list-style-type: none"> <li>✧ Sari provided a written overview of the various goals and objectives for each partner. Also included are concerns, possible locations for study, and a list of fish habitat opportunities for study.</li> <li>✧ Mike Ward asked what is the Strategic Action Plan (SAP) referenced in discussion and document. Rhonda described the SAP, Bill B. described the Coho Recovery Plan and SSRT, and Jim DePree added use the SSRT as an advisory body only.</li> <li>✧ Other plans within the basin are: Klamath River Basin Fisheries Task Force Long Range Plan, Scott Valley Land Use Plan, and Water Quality Control Board Basin Plan</li> <li>✧ Mike Ward asked if there is a single document summarizing the various plans. Currently this does not exist but is suggested as a useful document.</li> <li>✧ Bill B. described that the SSRT recovery strategy has many groundwater actions with the SRWC listed as the local unit to integrate all parts <b>of those actions.</b></li> <li>✧ Jim DePree presented the following:</li> </ul>	Council Project	

	<ul style="list-style-type: none"> <li>✧ The County’s groundwater group has not met in the past 2 years due to the involvement in the SSRT. They left off with the understanding that it is better to have public support and that basins should come to the County instead of a top-down approach of the County going to the basins.</li> <li>✧ Other comments include that the County ordinance requires permits and that DWR would provide technical assistance for a groundwater management plan. Toccoy Dudley of DWR did a workshop for the County some time ago.</li> <li>✧ The County feels it would be better to partner with local groups with their focus being responsible for the legal role and authority on water quantity and quality thresholds. Results would be multiple thresholds and will differ among sub-basins.</li> <li>✧ Toccoy added: Siskiyou and Modoc studies will be similar to Glenn County. Glenn Co. has been in operation for 4 years. This focus has been how to do groundwater management with local control. It is now being adopted by Butte and Colusa counties.</li> <li>✧ Toccoy added: Appellate court determined the County can regulate the export of groundwater (based on Baldwin vs. Tehama)</li> <li>✧ Bryan added: The State can permit when surface water is impacted by groundwater</li> <li>✧ Bill added: Groundwater management provides a stewardship of groundwater resource to protect, preserve, and enhance groundwater supply.</li> <li>✧ Other Comment: Glenn County plan does not specify need for fish.</li> <li>✧ Other Comment: Management plan with DWR’s help requires County ordinance</li> <li>✧ Jim added: The County is looking for a lead basin to pursue a groundwater management plan and felt Tulelake would inquire due to drought and circumstances. SRWC would need to show interest in pursuing support of groundwater studies through an official start by being put on the Board agenda. This would allow staff to work on it.</li> <li>✧ Other comment: A law exists that separates surface and groundwater even though hydrologically they are connected and the same body of water.</li> <li>✧ Jim added: County discussion to develop 2 groups; Science-based Technical Advisory Committee; and Local-based Watershed Advisory Committee.</li> <li>✧ Bill Bennett added: Focus on improving groundwater conditions is not specific to a management plan. The County, SRWC, and DWR must be kept in sync prior to DWR implementing anything.</li> </ul>		<p><b><i>Toccoy to provide a short article on the Glenn County plan, send to Sari.</i></b></p> <p><b><i>Sari will obtain article and distribute to the group.</i></b></p> <p><b><i>Rhonda to get a copy of report on Hydrogeologic Conditions Scott River Valley, CA State Water Resources Control Board</i></b></p>
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	<ul style="list-style-type: none"> <li>✧ Toccoy added: Fear of locals, not understanding resource. Over time solutions tend to happen with greater understanding.</li> <li>✧ Jay added: <b>Scott Valley landowners are well educated, understand issues and are reasonably informed. The fear is the adjudication might be changed.</b></li> <li>✧ Ken added: A lot of data is available but no interpretation exists. His perception of the data he has collected shows a downward trend in the aquifer and is based on averages by decade.</li> <li>✧ Mike W and Noel added: Data cannot be interpreted because data <b>that is presently available</b> has not been compiled to allow an analysis</li> <li>✧ Jim D added: Ken’s data and DWR information has been used to help with SSRT recommendations. We are still ahead of the game.</li> <li>✧ Bill, Bryan, and Noel do not agree with Ken’s perception of a steady downward trend in aquifer. Climate has a large role in the recharge of the aquifer, averaging by decade is misleading and should be looked at as wet and dry years.</li> <li>✧ Mary added: There are a lot of opinions and we need to find a way to further educate landowners <b>to the value of having more complete information on which to make decisions.</b></li> <li>✧ Jay added: This topic has been discussed too long now, when will DWR get a report on the table?</li> <li>✧ Bill added: Need local support to start and use a collaborative approach. He also added that a focus is being put on <b>groundwater augmentation (i.e. replacing removed dams and recharge).</b></li> <li>✧ Bryan reported that more information is needed to help landowners understanding with water issues.</li> <li>✧ Rhonda presented an idea to have a presentation by Toccoy and Glenn County landowners to describe what they worked through to develop their management plan. The focus should be on the various assessments and studies they performed prior to planning. Landowners could show the benefits they receive from the plan.</li> <li>✧ Gary added: Need landowner access prior to bringing any planning idea to the County</li> <li>✧ Bill and Gary suggest going to Farm Bureau and Cattlemen’s meetings</li> <li>✧ Gary added: Need to agree on what a groundwater study will do, state the common goal.</li> </ul>		<p><i>Gary, Sari, and Jim D. will attend Farm Bureau and Cattlemen’s meetings to give a presentation on approaching groundwater studies.</i></p>
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	<ul style="list-style-type: none"> <li>✧ Bryan and Noel suggested: Submit the questions to be answered to DWR.</li> <li>✧ The group went through a brainstorming session to identify needs:</li> <li>✧ 1) Submit questions of study by entity. What science is needed to answer the questions (by DWR) and develop hypothesis based on the questions.</li> <li>✧ 2) Develop a list of benefits for the farmer (what do farmers get from this?)</li> <li>✧ 3) Identify roles and responsibilities – goals of each stakeholder group, including cities</li> <li>✧ 4) Provide future scenarios (forward thinking)</li> <li>✧ 5) Define legal definition of groundwater and surface water</li> <li>✧ 6) Take information to Farm Bureau and Cattlemen’s meetings to present why this is an <b>important topic</b> and invite them to participate in a larger meeting or in SRWC committee meetings.</li> <li>✧ 7) Provide a workshop on groundwater management and studies using Glenn County example with Glenn County landowners. Also include Butte County representation to provide description of why they chose to use the Glenn Co model</li> <li>✧ 8) After workshop and gaining landowner access, go to Board of Supervisors to ask for support of studies or a Scott Valley groundwater committee.</li> <li>✧ Discussion on how to distribute information and define the end point of the outreach portion of educating landowners and the community:             <ul style="list-style-type: none"> <li>✧ 1) Pull together goals with roles and responsibilities of each stakeholder</li> <li>✧ 2) By mid-June, present to FB and Cattlemens, ask preference of larger meeting or participation in committee</li> <li>✧ 3) Have larger meeting or workshop</li> <li>✧ 4) End point is when taken to County Board of Sups.</li> </ul> </li> <li>✧ Some outstanding questions are:             <ul style="list-style-type: none"> <li>✧ 1) Is there enough water to satisfy all uses?</li> <li>✧ 2) Do we have conflicting legal mandates?</li> <li>✧ 3) How can we use Westside tribs for recharge?</li> </ul> </li> </ul>	<p><i>Sari to begin compiling a draft of goals by stakeholders including roles and responsibilities. Send to Rhonda for maintenance of information until finalized.</i></p> <p><i>Rhonda to present SAP to BOS.</i></p>
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**Other:** Suggestion made to have Rhonda give a presentation of the SAP to the Board of Sups.  
**Next Meeting:** TBD  
**Adjourned:** 12:00pm

**Documentation of Meeting**

**Name:** Water Committee Meeting  
**Date/Time:** May 27, 2004 @ 9:30am  
**Location:** RCD Office  
**Documented By:** R.Muse

**Present:** Sari Sommarstrom, Danielle Quigley, Ken Maurer, Bill Bennett (DWR), Eric Simmen (NRCS Team), Mike Bryan, Liz Bowen, and Rhonda Muse

**Purpose:** To discuss 7 agenda items

**Discussion related to agenda items:**

- Text in **bold** refers to text added to agenda item.
- Text in *bold/italics* refers to follow up assignments.
- ✧ Bullets denote discussion notes
- \*\* Asterisks denote correction to the minutes (after review by committee members)

Topic	Tasks	Track	Assignment/Follow Up
1. Steve Orloff Proposal (UCCE)	a) Support of project proposal to Klamath River Fisheries Restoration Program <ul style="list-style-type: none"> <li>✧ Steve provided a copy of the proposal for review by the committee (though he was absent due to short assignment in Romania)</li> <li>✧ The project’s title is: “Controlled Deficit Irrigation of Alfalfa and Pasture for Water Savings to Enhance In-stream Flows”</li> <li>✧ The study addresses flow augmentation to improve habitat for anadromous fish by evaluating the effects of reducing irrigation to local crops at various times of the season. The economic effects of reduced crop production should help the Water Trust effort in its development of reasonable payments for leasing of such unused water rights.</li> <li>✧ The committee agrees the project fits with the Strategic Action Plan and will benefit two objectives: W-1-B – Increase the in-stream flows in the Scott River and its tributaries during low flow periods, where feasible; and W-1-C – Reduce the demand for water by promoting efficient water management practices which are economical, reliable, and practical.</li> </ul>	Informational / SAP implementation by Council partner (UCCE) & Committee member	<i><b>Rhonda to write letter to the KRFTF and TWG on behalf of the Water Committee of the SRWC in support of this project.</b></i>
2. Water Trust Report	a) Update and progress <ul style="list-style-type: none"> <li>✧ Phase I: Looks at the legal aspects to lease or purchase water locally to increase flows. Need to decide how to roll out the final report of this</li> </ul>	Council Project	

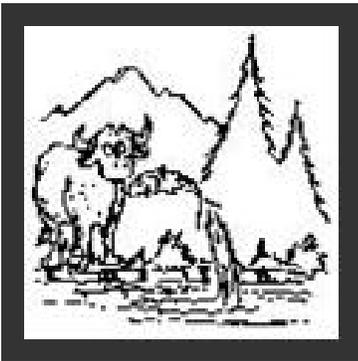
	<p>phase. Concept of a public forum was agreed upon. Handouts were provided showing 2 portions of the final report: Water Acquisition Decision Tree and the Table of Contents.</p> <ul style="list-style-type: none"> <li>✧ Eric asked ‘Is there a section describing how to read the report?’</li> <li>✧ Bill commented that the report reads easy enough and would not need such a section. Also commented that the report is conservative and takes the safe route. The 1-page handout showing a decision tree is an example of this.</li> <li>✧ Liz suggested the public forum use multiple media sources: Brenda Dawson at Siskiyou Daily News, talk to water district as well as Farm Bureau and Cattleman’s Assoc., create and display posters, and include in the SRWC July newsletter.</li> <li>✧ Eric suggested the compilation of reference documents associated with each box on the decision tree.</li> <li>✧ Mike commented there is a need to be able to plan the agricultural water needs before streamflows drop.</li> <li>✧ The committee requested a copy of the report.</li> <li>✧ Phase II: This is the implementation of the Water Trust Program and will include: Economic and financial issues; Institutional (how do we set up organization and/or foundation?); Political and social; mesh with physical and biological benefits; and CEQA if needed.</li> <li>✧ Gary and Sari still working on scope of work language for contract with DFG, also will need detailed task list and revised budget.</li> </ul>		<p><b><i>Gary needs to provide an update of discussions with the attorney</i></b></p> <p><b><i>Must inform County Board of Supervisors</i></b></p> <p><b><i>Sari to provide a C or e-mail of the report, Mike needs paper copy.</i></b></p>
<p>3. Shasta Valley Groundwater Study</p>	<p>a) Proposal</p> <ul style="list-style-type: none"> <li>✧ A copy of the Work and Objectives page of the proposal was distributed for review and discussion.</li> <li>✧ Sari explained that the Board of Supervisors supported the proposal and Marcia commented that Scott landowners are not yet supportive of this type of work. Also shared was the fact that Shasta has 30 monitoring wells and Scott only has 5.</li> <li>✧ The committee felt we could use the Shasta groundwater study as an educational tool for the Scott.</li> <li>✧ Sari continued stating that Mike Ward of DWR will not be doing summer well monitoring this year due to funding cuts. There still remains a need for monitoring wells on the westside of the valley .</li> </ul>	<p>Informational</p>	
<p>4. QVIR Water</p>	<p>a) Request for Proposal</p>	<p>Informational</p>	<p><b><i>Rhonda to forward written</i></b></p>

Study	<ul style="list-style-type: none"> <li>✧ Rebekah Sluss was unable to attend this meeting to give a presentation as requested. She will provide a written report of this study of water quantity and quality of the Reservation's watershed in Quartz Valley.</li> <li>✧ In the meantime, a copy of the RFP was distributed for the committee's perusal. The written report will be forwarded once received.</li> </ul>		<i>report once received</i>
5. Water Balance	<p>a) Progress</p> <ul style="list-style-type: none"> <li>✧ Danielle provided 3 handouts: 1. Mike Deas recommendations; 2. USGS data – Oct water year; and 3. 1972 data set from SWRCB's field work for the Adjudication (noted this data is missing McAdams, Etna, and Patterson creeks, therefore, other years were used for these streams).</li> <li>✧ The committee began reviewing and commenting on handouts</li> <li>✧ Bill suggested 1972 data only be used, since it was a Normal Year</li> <li>✧ Danielle commented the problem with missing key tributaries and limited timeframe</li> <li>✧ Concern expressed that water years and precipitation years appeared to be differently defined; also need to define what annual runoff categorizes Normal / Wet / Dry / Critically Dry Water Years for the Scott River.</li> <li>✧ There remains a need to develop criteria for using consistent data going into the model, a sub-committee has been appointed to work with Danielle to set a framework and definitions: Sari, Bill, Eric, and USFS hydrologist</li> <li>✧ Suggestion to create a study design to repeat previous studies and get current data??[not sure what this was about?]</li> <li>✧ Sari thanked Danielle for sharing progress on this project.</li> </ul>	Council Project	<i>Water Data Sub-Committee to meet with Danielle and determine data consistency needs</i>
6. Groundwater	<ul style="list-style-type: none"> <li>✧ Sari provided a table describing the roles and responsibility of various agencies as requested during our last meeting.</li> <li>✧ The committee reviewed and discussed updates.</li> <li>✧ Rhonda will modify the electronic copy of this table.</li> <li>✧ Sari, Gary, and Jim DePree are to meet with the County Farm Bureau Board at their July monthly meeting to</li> </ul>		<i>Rhonda to revise table and mail out to Committee</i>
7. USFS Rep	<ul style="list-style-type: none"> <li>✧ Since Jay Power has moved away, the committee needs to formally request the participation of a USFS hydrologist – Robbie Van de Water - to the KNF Supervisor and to the Scott River District Ranger. The SRWC needs to send a letter.</li> </ul>		<i>Rhonda will draft a letter to Peg Boland w/cc to Ray Haupt, Sari to review and edit as necessary.</i>

**Next Meeting: TBD**

**Adjourned: 12:00pm**





# SCOTT RIVER WATERSHED COUNCIL

## NEWSLETTER

July 2003

Vol. 7, No. 3

### A Second Year of Coho Surveys

With concern about the federal listing of Coho salmon under the Endangered Species Act, and the potential for listing by the State of California Fish And Game Commission, the Scott River Watershed Council, with fiscal administration provided by the Sisikiyow Resource Conservation District, obtained coordination money for a second year of adult Coho spawning surveys. This effort was coordinated by Sue Maurer and brought all interested parties together in order to

continue to learn about the complexities of the Coho Salmon population in the Scott River watershed. The survey itself was basically unfunded and was limited to areas where access was approved by the landowners. Data was collected through the cooperative efforts of several individuals from local agencies, organizations, and landowners. A total of 46 miles were surveyed and in comparison to the previous year, far less Coho were observed. The chart below describes this comparison:



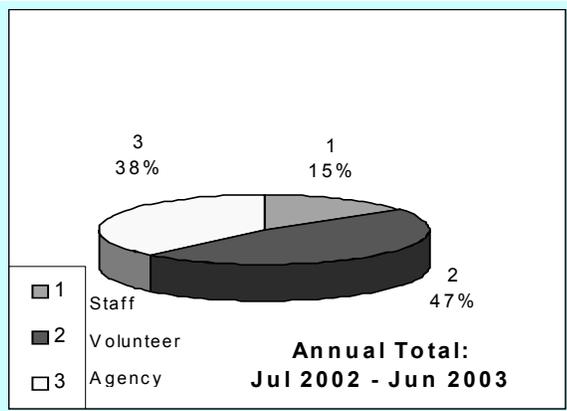
Above: Dennis Maria, from the Department of Fish and Game, teaches survey crews about identifying Coho and Chinook salmon during a training session held in December 2002.

	2001-2002	2002-2003
Tributary Miles	23.7	33.9
River Miles	0	12.1
Redds (nests)	212	20
Live Fish	173	17
Carcasses	115	2

So why is there a difference in these numbers? It's a question we cannot answer without additional years of data as these fish basically take 3 years to return to the place where they hatched. Continuing the surveys in upcoming years will provide much needed information to determine how our watershed is used by the Coho. With increased access, we could survey other areas in the watershed to gain more knowledge about the distribution and timing of the Scott River spawners.

### In this issue:

Page One.....	A Second Year of Coho Surveys
Page Two.....	Volunteer Contributions
Page Two.....	The Watershed Fair
Page Three.....	Field Trip
Page Four.....	Noxious Weeds?



**DID YOU KNOW**  
**that Scott Valley Volunteers**  
 contributed 608 hours (that's 47%) to Scott River Watershed Council activities during the past year? This has been pretty consistent for over a decade and we appreciate everyone who gives their energy and time to the community-based group. Other time contributions are provided by local agency representatives and staff from the Siskiyou Resource Conservation District.

# Scott River Watershed Fair

A great educational event for those who want to learn a little bit more about what the watershed means to everyone.

The first annual Watershed Fair was held on May 31 and provided many children, and adults, with fun learning activities as well as display various aspects from the watershed such as timber, agriculture, community participation, and student education. We also had a quilt raffle and pie donations where the proceeds were given to the Scott Valley Scholarship Fund. Although the attendance was small, the feedback was positive for further educating community members. Thanks to the Etna Union High School for housing the fair and for providing a wonderful BBQ lunch, and to everyone who brought great displays. We look forward to next year's fair and hope to make it a bigger event for all to enjoy.

Below: Scott Murphy (left) describes the irrigation method he uses for his watermelon crop



Above: Peggy McCutcheon is the happy winner of the quilt donated by Judy Costales, stitching donated by Dave Butler.



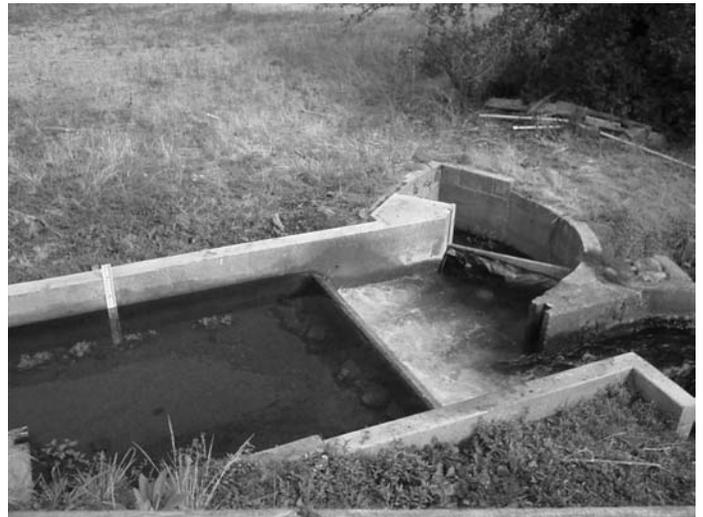
Above: Children and adults alike enjoyed the outdoor game of Hooks and Ladders. Thanks to the Americorps participants for bringing life to the fair through interactive games.

# FIELD TRIP

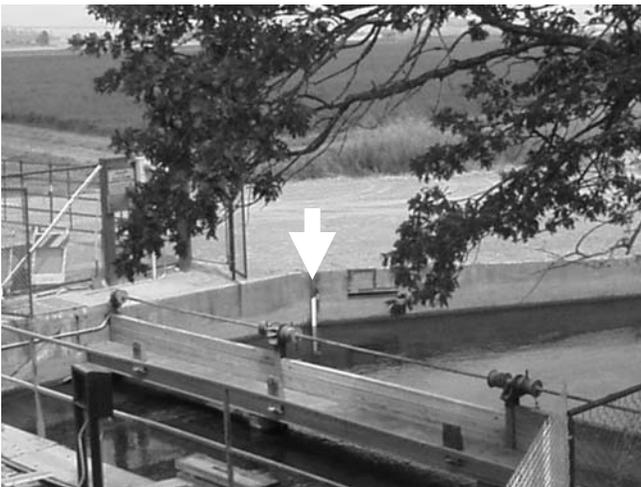
By Rhonda Muse

Flows, flows, and more flows... That is the topic of this quarter's field trip.

The Scott River and its tributaries has provided irrigation water for over a hundred and fifty years, and the idea of measuring water use as well as the flows in many streams is not new. I, along with the Water Committee of the Scott River Watershed Council (SRWC), visited many sites where water is being measured to provide data for various reasons. One reason is to help gather information for creating a water balance model.



*Above: An old fish screen box is used to measure flow for this diversion. Both flow and velocity are measured at this point.*



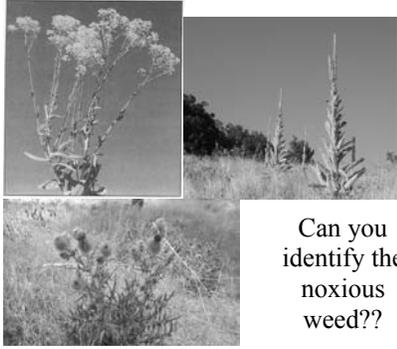
*Above: The white arrow points to the gage used to measure flow at the Scott Valley Irrigation Ditch. The gage is placed just past the large fish screen.*



*The flow gage above is simply placed in the open stream away from the diversion opening.*

As many irrigators are aware, water use has been measured in 5 of the tributaries located within the Scott River watershed for many years. This information tells us how much water is diverted for use by local businesses and citizens. On the flip side, water flows are also being measured in streams above diversions so we can find out how much water is contributing to the river system. In a water balance model, these flows can be changed for different scenarios and will tell us what could happen in the event we had a change in the amount of water coming into the system based on precipitation, snow pack, groundwater, or other events. The SRWC has recently contracted with Mike Deas, Watercourse Engineers, to look at the various information we hope to include in a model and to give us an overview of the available models currently on the market. This is part of phase I of the Water Balance project the SRWC has been working on for the past 2 years or so.

The two major factors for measuring water is width of channel and height (or depth) of the water. With these two factors, a mathematical calculation can be done to tell us the amount of flow that is occurring. Various types of gages are used to measure flow, some using a pressure transducer that records water pressure from the bottom of a 'pool' to measure 'feet' of water into 'flow pressure' that later can be translated into cubic feet per second (cfs). It's all quite technical and very interesting. More information about flows can be found at the Siskiyou Resource Conservation District's public library.



Can you identify the noxious weed??

## NOXIOUS OR NOT???

*Weeds or wildflowers???* Not only are some of the most beautiful wildflowers we see throughout the watershed considered weeds to some, they can also create havoc if they are noxious!!

Do you know the difference between weeds that are noxious and those that are not? Some of the most beautiful wildflowers can be quite deceiving. I am still trying to identify everything that pops up around my house. Yes, another learning experience for me. But what the heck, if I want to understand what the ruckus is about, I need to know what these things are. One of the goals of the Land Committee for the Scott River Watershed Council is to get a program developed that will help with the removal, or management, of these flowering terrors. One method will be to create an informational brochure that can be available to the entire community. Having noxious weeds on your property may not be a problem for you, but they quickly spread to your neighbors, and they may be a problem for them, their livestock, or farming products. Look for future projects that will allow us to work together and replace the noxious weeds with beautiful wildflowers that are not harmful to anyone.



Scott River Watershed Council  
P.O. Box 268  
Etna, CA 96027

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# SCOTT RIVER WATERSHED COUNCIL NEWSLETTER

Winter/Spring 2004

Vol. 8, No. 1

## An Overview of the Strategic Action Plan

By Rhonda Muse, SRWC Coordinator

The Scott River Watershed Council (SRWC) approved the finalization of the “Initial Phase of the Scott River Watershed Council Strategic Action Plan” (SAP) during its public meeting held on January 20, 2004. The SRWC is interested in further providing the community with details contained within the SAP as a way to increase awareness of the information that is discussed during our various meetings.

We have worked for several years to compile a plan that the community can embrace. With the efforts of the many volunteers who have generously donated an average of 620 hours per year to the SRWC, the SAP has been developed. Local volunteers include individual members of the community, agricultural producers, and representatives from the commercial sector such as Fruitgrowers Supply Company and Timber Products. Our gratitude goes out to each and every one of these volunteers. We also thank the various agency representatives from the Department of Fish and Game, Department of Water Resources, US Forest Service - Klamath National Forest, US Fish and Wildlife Service, the North Coast Water Quality Control Board, and the California Department of Forestry and Fire Protection who have contributed an average of 500 hours per year to provide technical and professional advice to the SRWC. Financial support of the planning project was provided by the Klamath River Basin Fisheries Task Force, California Department of Fish and Game (CDFG), the State Water Resources Control Board, and the Cantara Trustee Council.

The SRWC developed the SAP for the purpose of cooperatively establishing a common strategy for restoration and management actions. Through a four-phase process, the SAP will form the basis for setting priorities of future projects and practices to be supported by the SRWC, the communities within the watershed, and the many funding sources. The document includes goals, objectives, and strategic actions that will be used to develop the necessary projects and studies. A copy of the SAP will be available at the RCD library and is open to the public.

*(See insert for “What’s Next...” )*



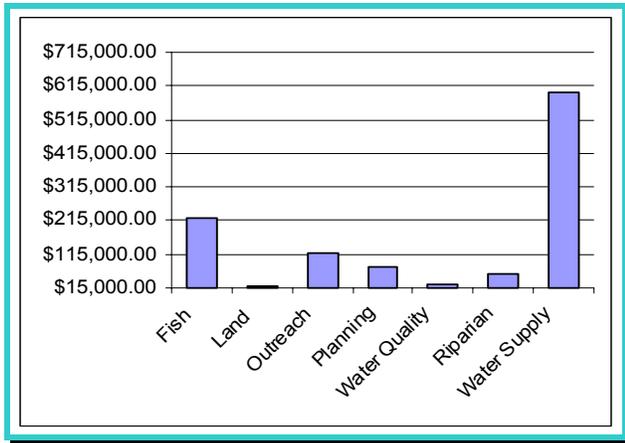
INITIAL PHASE OF THE  
SCOTT RIVER WATERSHED COUNCIL  
STRATEGIC  
ACTION  
PLAN  
JANUARY 2004



Fiscal Administrator:  
Siskiyou Resource Conservation District  
P.O. Box 268  
Etna, CA 96027

### In this issue:

- **An Overview of The Strategic Action Plan**
- **Fuel Modification Demonstration Project**
- **Project Dollars for 2003**
- **A Good Year For Fall Chinook in 2003**
- **Marking Fish in Hatcheries**
- **(Insert) What’s next... 2-Year Strategic Actions**



## DID YOU KNOW

**that projects in 2003 brought \$1.1 Million to the Scott River watershed?**

According to the financial records of the Siskiyou Resource Conservation District (RCD), fiscal administrator for the SRWC, there were 38 active projects during the year 2003. Each of these were initiated through the SRWC. Along with one additional project to support the RCD the projects were funded by various entities and total costs were in the amount of \$1,114,185.64 for 2003 alone.

See the graph at left for the range of funding by category.

## Fuel Modification Demonstration Project in French Creek

An excellent opportunity was presented to us in 2003 for the development of a fuel modification demonstration project. The Land Committee of the Scott River Watershed Council (SRWC) worked to promote the project previously developed by the French Creek Watershed Advisory Group's Fire Safe Council. The proposal soon became reality through grant funding provided by the Community Protection Program administered by the USDA Forest Service. The location selected for this demonstration project is in the French Creek area and can be observed through easy access using French Creek Road which is open to the public. Thanks to three private landowners, the project expands approximately 8 acres which provides an ample demonstration of what a fuel break looks like and how it would benefit fire fighters in the event of a catastrophic fire. You will notice in the comparison pictures to the right that the underbrush and small vegetation is removed.

The project was completed through the coordination of Bob Lindsay, sub-contracted Project Coordinator for the Siskiyou Resource Conservation District. On-the-ground work was provided by Max Brown. Anyone can visit the project site and will find an informational sign located next to the public road. We also thank Don Hall of the Klamath National Forest and Ted Tsudama of the California Department of Forestry and Fire for their technical expertise and valuable input into this project.



Above is a picture before the fuel break was constructed.

Below is a picture after the fuel break was constructed. This photo was taken prior to piling and burning the slash.



# A GOOD YEAR FOR FALL CHINOOK IN 2003

By Mark Hampton, CDFG

The fall Chinook salmon run on the Scott River was very high this year. The Department of Fish and Game estimates the fall Chinook salmon run size to be 12,329 fish, of which, 65 were grilse and 12,264 were adults.

This run ranks as the second highest run ever documented in the Scott River since 1978 when the Klamath River Project began conducting the estimate. Spawning was well distributed throughout the river from Young's Dam downstream with a hand full of fish upstream of the dam. We were able to map all of the spawning areas in those locations where we had access permission using a Trimble GPS unit. Copies of the map will be available in the near future and will provide valuable information for a variety of needs. A report of our efforts on the Scott River, as well as for other Project Tasks [Iron Gate Hatchery (IGH) recovery, Bogus Creek, Shasta River, Salmon River, Lower Klamath River Creel, & Early Release Strategy for IGH], should be available in early summer.



Photo by Danielle Quigley

*Above: A spawning Chinook sets upon its nest (redd).*

Our staff will also be tagging approximately 300,000 Chinook salmon at IGH in April and May.

The level of cooperation that was provided us from the majority of local landowners was excellent. Without their cooperation the survey effort and subsequent run size estimate would have been greatly compromised.

## Do you know how hatchery fish are marked?

### Fish Marking/Clipping at Iron Gate Hatchery

#### COHO SALMON:

Since 1996, all (100%) Iron Gate coho salmon have been marked with a left maxillary clip.

#### CHINOOK SALMON:

Approximately 200,000 of 4,920,000 (from 2 – 4%) Chinook smolts receive coded wire tags and are adipose clipped.

Approximately 100,000 of 1,090,000 (from 9 – 10%) of yearling Chinook receive coded wire tags and are adipose clipped.

#### STEELHEAD:

All (100%) of steelhead have been marked since 1998 as follows:

1998 – adipose clipped only

1999, 2001, and 2002 – adipose + left maxillary clips

2000 – adipose + right maxillary clips

### Fish Marking/Clipping at Trinity Hatchery

#### COHO SALMON:

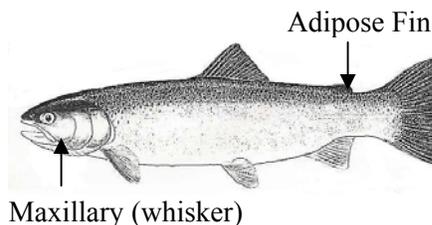
Since 1996, all (100%) Trinity Hatchery coho salmon have been marked with a right maxillary clip.

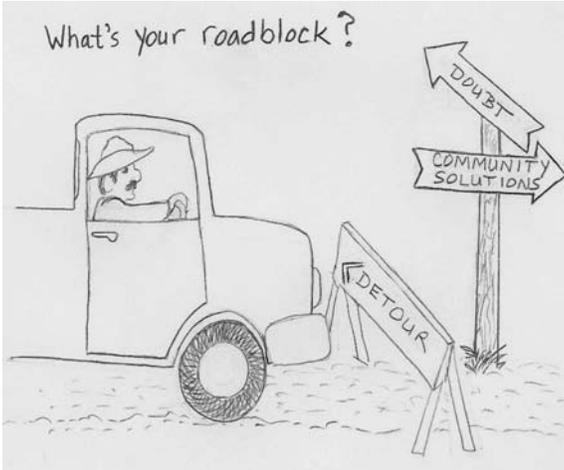
#### CHINOOK SALMON:

25% of all Chinook smolts, yearling spring Chinook (400,000 fish), and yearling fall Chinook (900,000 fish) receive coded wire tags and are adipose clipped.

#### STEELHEAD:

Since 1998 all (100%) steelhead have been adipose fin clipped.





## Scott River Watershed Council

### UPCOMING EVENTS

*March 13, 2004*

#### **BIOMASS WORKSHOP**

*Various speakers will provide an introduction to biomass including a technological overview and a description of the challenges we face.*

*April 15, 2004*

#### **SCOTT QUARTERLY INFORMATION FORUM (SQIF)**

*presents riparian enhancements by Wayne Elmore*

*Every Month:*

*Public meetings are held on the 3<sup>rd</sup> Tuesday of each month at 7:00pm. Locations vary. Please contact us for specific information.*

### **CONTACT US:**

Phone: (530) 468-2487  
Address: PO Box 268  
Etna, CA 96027  
Email: [rmuse@sisqtel.net](mailto:rmuse@sisqtel.net)  
Website: [www.sisqtel.net/~sisqrtd](http://www.sisqtel.net/~sisqrtd)



Scott River Watershed Council  
P.O. Box 268  
Etna, CA 96027

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## WHAT'S NEXT FOR THE SCOTT RIVER WATERSHED COUNCIL STRATEGIC ACTION PLAN???

The following 33 action items have been identified by the Scott River Watershed Council as items to begin implementation within two years. Implementation is dependant on suitable funding and access where necessary.

<b>Action#</b>	<b>Description</b>
F-1-A.a	Continue and/or increase efforts to monitor spawner escapements within the watershed and to continue and/or increase efforts to monitor and evaluate juvenile habitat utilization, survival and outmigration.
F-1-E.a	Develop a procedure for monitoring the effectiveness of screened diversions.
F-1-E.b	Continue program for maintenance and periodic replacement of screens to help maintain proper functioning.
F-1-E.c	Review inactive and unknown diversions for future and potential screening.
F-1-E.d	Continue fish screening program.
F-1-F.a	Evaluate results and monitor success of fish rescue program through mark/recapture studies; spawning ground surveys; direct observation dives.
F-2-B.a	Review completed records of projects to identify existing fish passage structures and their locations.
F-2-D.a	Use aerial photos and photo-points to evaluate the relationship of riparian condition to fish habitat on the mainstem Scott River.
F-2-E.a	Evaluate riparian planting projects and make recommendations to improve planting program. Include in the evaluation an assessment of why projects failed and modify accordingly.
F-2-F.a	Evaluate the geomorphology of the mainstem Scott River channel to identify potential demonstration projects.
F-2-F.c	Learn more about fish-friendly bank stabilization and geomorphic processes through workshops and field trips to other watersheds.
F-2-G.a	Identify locations of thermal refugia.
L-1-A.a	Integrate available resources with willing landowners (fire crews/mechanical) for the purpose of reducing fuel loads.
L-1-A.b	Identify and list available resources for reducing fuel loads in interface areas and near structures.

***If anyone is interested in participating in the development of these actions, please contact the SRWC Coordinator at (530) 468-2487.***

L-1-A.d	Work with USFS, CDF, timber companies, and landowners in cooperative fuel reduction and burn projects.
L-1-A.e	Support local fire safe councils by soliciting funds and partnering in project implementation.
M-1-A.a	Implement project-level water monitoring based on project-specific desired outcomes.
M-1-B.a	Improve pre-project evaluation.
M-1-B.b	Review and revise the current form so monitoring data can flow compatibly.
M-1-C.a	Review project types to design future projects that will be successful.
M-2-A.a	Identify and prioritize parameters to be used in watershed level monitoring program.
M-2-A.b	Invite technical specialists to suggest and/or review parameters and prioritization of watershed level monitoring program.
M-2-B.b	Write cooperative reports synthesizing data into a ‘big picture’.
M-2-C.c	Evaluate current photo monitoring program for enhancement.
M-2-D.a	Develop format of an annual monitoring program report.
M-2-D.b	Identify the target audience for annual monitoring program report.
O-1-A.a	Implement a media campaign through the development of a prioritized media contact list.
O-1-A.b	Deliver presentations to local clubs, and regional and state groups.
O-1-A.c	Attend regional meetings to gain knowledge.
W-1-A.d	Conduct a groundwater study including connectivity of groundwater to streams.
W-1-B.f	Investigate the feasibility and potential level of cooperation to temporarily dedicate water for instream flows during emergency situations. If feasible and acceptable, implement ongoing program.
W-2-A.a	Where possible, identify and remedy conditions that contribute to high water temperatures that may be lethal to salmonids at various life stages.
W-2-A.b	Identify location, timing, frequency and duration of possible thermal barriers to migration of adult and juvenile salmonids. Include evaluation after flood events.

***If anyone is interested in participating in the development of these actions, please contact the SRWC Coordinator at (530) 468-2487.***

# SCOTT RIVER WATERSHED COUNCIL

Summer/Fall 2004 Edition

## WATERSHED COUNCIL GOES TO THE FAIR

By Rhonda Muse, SRWC Coordinator

In August 2004, we are putting together an extensive watershed display to increase awareness of what the Scott River Watershed Council has worked towards since its inception 12 years ago. Visit the Ag-Hort building at the Siskiyou County Golden Fair on August 4-8 to see the wonderful contributions made by local students and Council volunteers. In addition to student designed artwork, we will have various information about the programs developed through the efforts of this community group primarily consisting of private landowners. Technical assistance has always been provided by local agency representatives and continue to be

welcomed as part of the Council's structure.

During previous years, the SRWC has hosted watershed fairs that were geared toward attracting Scott Valley residents and students. This year we wanted to expand the audience by allowing everyone in Siskiyou County and beyond to view the accomplishments we have made in the watershed as well as planning.

Community education is a key factor in our accomplishments. Providing educating about the important issues, then working together to develop methods for maintaining or restoring the conditions leads to the success of our



programs and improves the health of the resources within the watershed.

Everyone is invited to attend our monthly meetings held on the third Tuesday of each month. Visit [www.sisqtel.net/~sisqrtd](http://www.sisqtel.net/~sisqrtd) for meeting location.

### Inside this issue:

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## PROGRESS FOR PLANNING

It was only six months ago that we finished the Initial Phase of the Scott River Watershed Council Strategic Action Plan. The four-phase process is expected to be completed by the end of 2010. Because of the potential listing of the coho

salmon, the initial phase resulted in identifying 93 strategic actions geared toward watershed restoration primarily for fisheries. The immediate-term of 2 years lists 33 of the total actions. In this short time we have already addressed

51% of the 2 year actions. This has been achieved through discussions on how to approach each item or completing the actions through a continuation of existing programs. Visit the Siskiyou RCD library to view a copy of the Plan.

### SRWC VALUES

- Respect for Historical Perspectives
- Maintaining Open Space
- Balanced Use of Healthy Resources
- Sustaining Rural Lifestyles

## WATERSHED EDUCATION FOR SCOTT VALLEY SCHOOLS

BY CRYSTAL BOWMAN, EDUCATION COORDINATOR

It had been a busy school-year for the watershed education program. Through various field-trips and in-class activities, we have helped students understand how watersheds work and how people fit into them.

**Etna High School** participated in a monitoring program that started last year at the Etna City Park. Monitoring projects include: survival of willow, cottonwood, and black oak trees planted in 2003; and photo-points and cross-sections of the new streambed. Recently, Jim Morris' Natural Resources class received GPS and ArcView train-



Etna Elementary students planting project, Photo by Crystal Bowman

ing, by the USFS, for an upcoming project using GPS technology to create trails and points of interest.

At **Etna Elementary School**,

Gary Warner's science lab was ready for spring planting in the Outdoor Learning Center (OLC). With the awarded grant from the Lorrie Seed Foundation, we purchased up to \$350.00 of native riparian plants. Students also planted willows at the Etna City Park. Other classes took cuttings and planted them into beds for rooting. These willows will be used for future riparian plantings on local ranches.

The **Charter School** was involved in a project monitoring seasonal changes on Johnson Creek. The seventh grade physics class, every three months,

*"We have been helping students understand how watersheds work and how people fit into them."*

returned to the same section of the creek to set up a cross-section to take stream flow and temperature. The eighth grade science class studied Living Things this year and they monitored the macro-invertebrate seasonal changes. Data from both projects has been combined into a display.

Watershed Education at **Fort Jones Elementary** this year encompassed an array of projects. Through a watershed map exercise, students found where they live and what watershed and sub-watersheds they live in. Understanding the salmon lifecycle became easy through a project in which they constructed a mobile. The final project started the

second week in January. Students built a rain gauge for their house and kept track of the amount of rain they received for 4 weeks. At the end of the 5-week session we combined the data onto the watershed map with their labeled homes.

**Scott Valley Jr. High's** 21<sup>st</sup> Century Program has projects focused around the Ft. Jones City Park. In the fall, we constructed a river food chain. In the winter students built their own river model based on laws of physics and located the salmon's favored areas at different stages of its lifecycle. At the beginning of spring, students collected and identified macro-invertebrates from Moffet Creek

at the Ft. Jones City Park. More stream monitoring of Moffet Creek occurred here through projects completed during the spring season.



Etna Elementary Outdoor Learning Center, Photo by Crystal Bowman

# STREAM INVENTORY REPORT FOR 2003

Excerpts from report by Danielle Quigley, Project Coordinator

An instream habitat inventory was completed on selected streams in the Scott River Watershed during the summers of 2002 and 2003. Streams were selected based on known or suspected use by anadromous salmonids, (coho, chinook, or steelhead) as well as previous habitat restoration efforts. Habitat typing provides a tool for analysis of instream habitat diversity, and can help to determine potential limiting factors for salmonids. Habitat typing provides information on pools, instream cover, and substrate. The focus of habitat typing is summer low flows. The purpose of this habitat inventory was to: 1.) collect in-

stream habitat data in streams currently used by salmonids, 2.) establish a relative scale of habitat quality for the Scott River. 3.) evaluate the success of selected instream restoration projects. 4.) Provide a frame-



work for prioritizing locations for potential restoration efforts.

It is important to document conditions as they exist in the Scott River, and tributaries. The geology, and even climate can vary greatly from tributary to tributary, making possible habitat also vary.

Anyone interested in the details of the report can contact the Siskiyou Resource Conservation District at (530)467-3975. There is a charge for paper and CD copies.

Pool at Middle Creek Gorge, photo by Isaac Sanders, USFWS

## A LIMITING FACTORS ANALYSIS

Excerpts from information provided by the LFA Committee

Limiting factor analysis seeks to understand what habitat has been lost or degraded to such a point that it limits salmonid production. Our goal is to develop a process that will provide focused, systematic and strategic restoration of habitat and removal of limiting factors necessary to restore species, specifically federally listed SONCC Coho, to viable populations in an efficient and

timely manner. We have started by assembling existing information on the requirements of coho salmon at each stage of their life cycle. At the same time, we assembled existing information on the attributes of the Scott River Watershed as they relate to the requirements of the fish. As we completed this step, we identified gaps in our knowledge, and prepared a hypotheses on what factors we think are limiting the

populations of coho salmon. The next step will be to prioritize the factors we believe are potential limitations and create a written document to report our findings and to make recommendations.

*“Our goal is to develop a process that will provide focused, systematic and strategic restoration of habitat.”*

## WHAT'S A SQIF?

The Scott Quarterly Information Forum, otherwise known as the SQIF, is where the Watershed Council invites State and Federal agencies, local landowners, timber companies, and interested groups to meet and discuss the issues and solutions surrounding restoration activities in the watershed. The intent is to develop an understanding of common goals, to coordinate activities



Working roundtable meeting of the April 2003 SQIF.

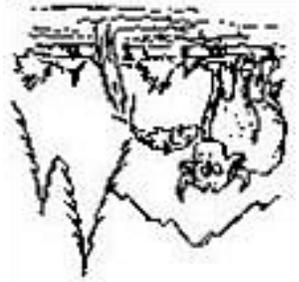
through a combined effort, and to provide a cooperative forum for effective communication. Results to date include the creation of a project knowledge base that shows 82 specific projects that were implemented by 12 different agencies or

private organizations during the past year. The ability to share information has been very beneficial to the Council and for watershed restoration as a whole. We thank all the participants of the SQIF for making this happen.

For information about the SQIF and the knowledge base, visit our website at [www.sisqtel.net/~sisqrcd](http://www.sisqtel.net/~sisqrcd) and click on the link for the Scott River Watershed Council.

BY RHONDA MUSE, SRWC COORDINATOR

FORGING THE FUTURE TOGETHER  
FOR OUR FORESTS, FARMS AND FISH



Phone: 530-468-2487  
Fax: 530-468-2487  
Email: [rmuse@srsqtel.net](mailto:rmuse@srsqtel.net)

PO Box 268  
Etna, CA 96027

## Scott River Watershed Council

# FREE WORKSHOPS TO THE COMMUNITY

Article and Photos By Rhonda Muse, SRWC

In April of this year, the Scott River Watershed Council hosted and coordinated two very successful workshops. The first was held on April 3rd and presented the topic of Biomass with local speakers from the Shasta Energy Group, Klamath National Forest, and Chuck L. Logging and Transportation. In addition, speakers from OreCal RC&D as well as BBI International presented potential opportunities in Scott Valley. Various aspects of biomass were presented and a good exchange of information took place.



Ric Costales, Chairman of the SRWC gives an introduction to Biomass.

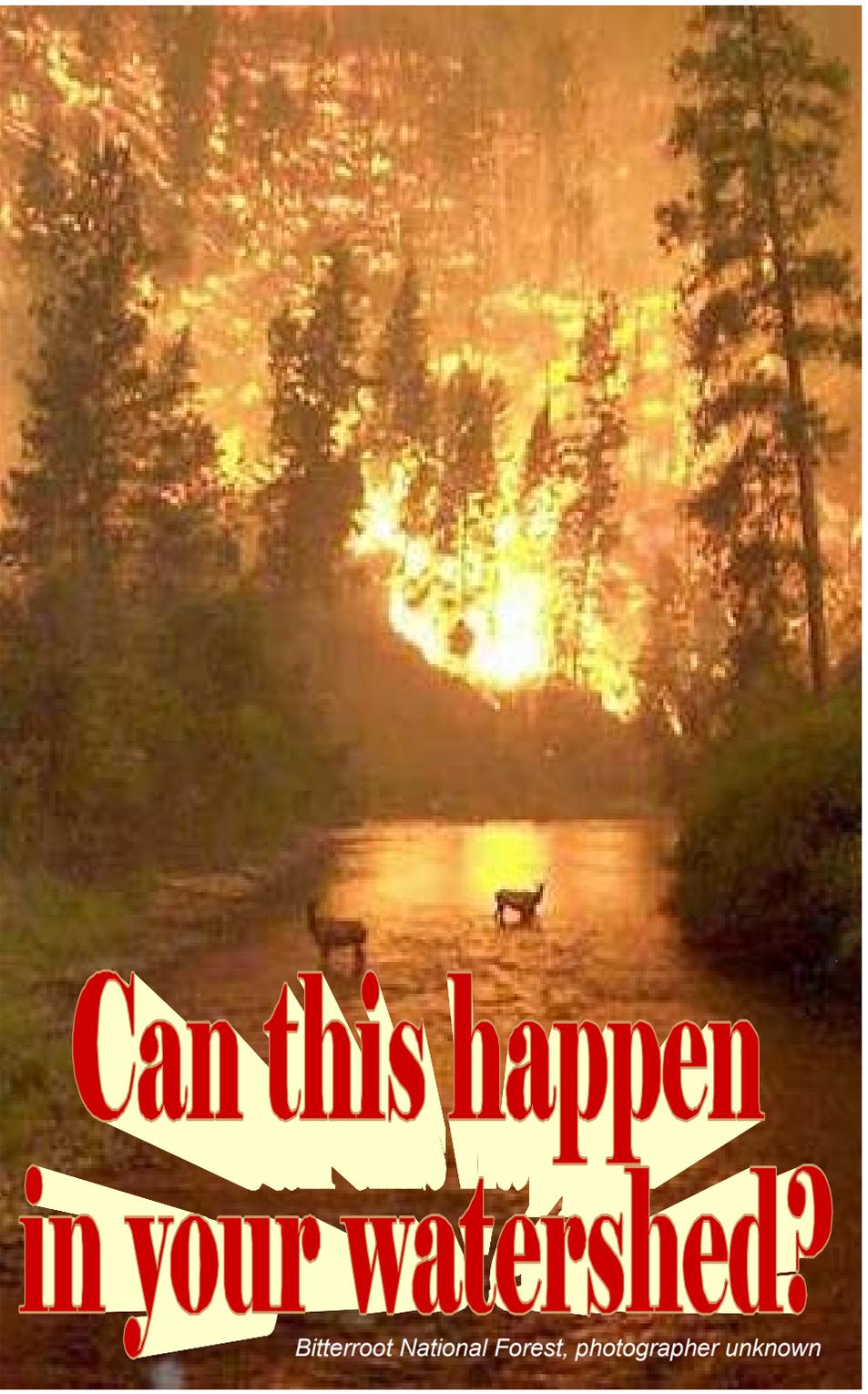


Wayne Elmore and John Anderson present riparian information.

On April 15, the National Riparian Service Team (NRST) and Wayne Elmore of Full Stream Consulting gave a presentation on riparian health including management options that have improved the riparian condition in other watersheds. The NRST and Mr. Elmore had spent three days prior to the workshop visiting project sites and private lands to assess the opportunities that exist for local landowners. Both of these workshops were free to the community and attended by 30-35 people each.

In May, we were pleased to have provided a free informational forum to Scott Valley residents and others who were interested in the subject of Conservation Easements. This forum was attended by 72 people and consisted of 11 speakers having diverse backgrounds and knowledge of the subject. The purpose was to help landowners and the community learn about conservation easements, to discuss their implications, and to share local concerns with conservation easement program representatives from the Siskiyou County Planning Department; Coblenz, Patch, Duffy, and Bass LLP; California Rangeland Trust; Pacific Forest Trust; The Nature Conservancy; Siskiyou Land Trust; Natural Resource Conservation Service; Internal Revenue Service, Siskiyou County Assessor's Office; and Farm Credit Association.

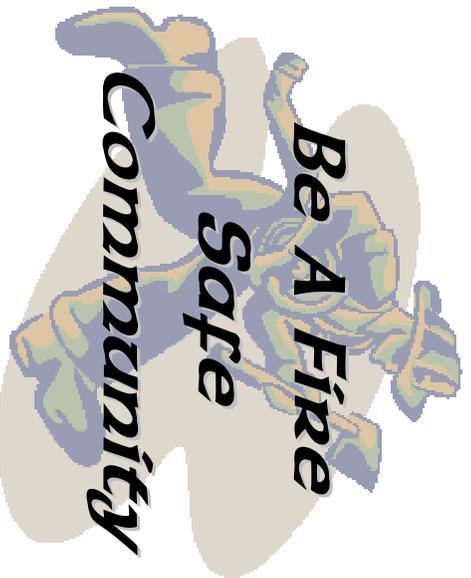
All of these workshops have been video taped. You may view the tapes at the office of the Siskiyou Resource Conservation District.



**SCOTT RIVER WATERSHED COUNCIL**

**PO Box 268**

**ETNA, CA 96027**



**Contact Information:**

**Phone & Fax: (530)468-2487**

**Visit us at: [www.sisqtel.net/~sisqrcd](http://www.sisqtel.net/~sisqrcd)**



**THIS MATERIAL HAS BEEN  
COMPILED BY THE SCOTT RIVER  
WATERSHED COUNCIL (SRWC)  
AND PROVIDES EDUCATIONAL  
INFORMATION ABOUT FIRE  
PROTECTION TO LOCAL  
COMMUNITIES**

Fiscal Administrator:

Siskiyou Resource Conservation District



Funding for this material provided by:

USDA, USFS, Klamath National Forest

National Fire Plan Community Protection Program



*Published 2004*

*Design by Rhonda Muse, SRWC Coordinator*

# Internet Resources



[www.firesafecouncil.org](http://www.firesafecouncil.org)



[www.firewise.org](http://www.firewise.org)



[www.fire.ca.gov](http://www.fire.ca.gov)



[www.fs.fed.us](http://www.fs.fed.us)



[www.fema.gov](http://www.fema.gov)

# **Siskiyou County Fire Safe Councils**

Fire Safe Councils (FSC) are a great resource for getting help with fuel reduction and fire protection projects. The following list are the active FSC's in Siskiyou County.

<b>Group Name</b>	<b>Contact</b>	<b>Phone</b>
Copco/Bogus FSC	Linda Oliver	459-5623
French Creek FSC	Richard Van de Water	468-1214
FSC of Siskiyou County	Jim Villeponteaux	462-4655 462-4665
Greater Weed Area FSC	Kelly Conner	938-2886
Happy Camp FSC	George Harper	493-2990
Klamath River FSC	Stephen R. Fisher	465-2028
Lake Shastina FSC	Jaime Lea	938-3281
Lower Scott River Rd FSC	Perry Daniels	468-5233
McCloud FSC	Ron Berryman	964-2103
Mt Shasta Area FSC	Dale or Giselle Nova	926-5071
Orleans/Somes FSC	Will Harling	469-3216
Salmon River FSC	Petey Brucker	462-4665 462-4720
Seiad FSC	Debie Meyer	496-3172

*Active list as of June 2004*

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Photo By Rhonda Muse

*Property of Dave Petterson, French Creek resident*

***Living in the woods means there  
is a need to clear a defensible  
space around your home.***

# THE NEED FOR FUEL MODIFICATION

By Ted Tsudama, California Department of Forestry and Fire Protection

Siskiyou County is a diverse and geographically unique area. On the Westside the Klamath Mountains provide steep terrain, with subsequent deep river corridors. On the Eastside, the Cascade Mountains provide more moderate slopes, with many large broad valleys. Forested vegetative type range from Klamath mixed conifer, eastside pure ponderosa pine, pure Douglas-fir, all the way to pure true fir stands on the highest elevations. In the front country, stands of oaks and brushy, flammable vegetation exist which compounds the problem. The county has a history of large scale catastrophic fires. In 1987 alone, over 250,000 acres of forested landscapes were consumed in various fire complexes. The passage of a dry lightning storm created this event, which burned until the fall wetting rains occurred in November. As the population of the State continues to increase, rural Siskiyou County has seen development into the wildland urban interface (WUI). The WUI is the fastest growing fire problem in the United States, and fuel modification projects will provide residents the opportunity to reduce the threat to life and high-valued property in the desirable and scenic areas of Siskiyou County.

**You can help protect residential areas and our forests through simple fuel management practices.**

## What are the steps you should take... **When A Wildfire Is Approaching???**

**CALL FOR HELP:** Use a cell phone if your electrical power has been interrupted.

**CLOSE ALL ENTRANCES, WINDOWS AND OTHER OPENINGS:** This includes doors, garage doors, windows, vents and any other entrances to your residence or garage. Close all window coverings.

**HAVE TOOLS & WATER ACCESSIBLE:** Have a shovel, rake and long water hose accessible. Fill buckets and other bulk containers with water.

**DRESS TO PROTECT YOURSELF:** Wear cotton/woolen clothing including long pants, a long-sleeved shirt, gloves and a handkerchief to protect your face.

**WET DOWN THE ROOF:** If your roof is combustible, wet it down with a hose. Place the ladder you use for this task on the side of the roof opposite the fire.

**TURN OFF RESIDENTIAL FUEL:** If you use natural gas or butane, turn it off at the tank or the meter.

**PREPARE THE AUTOMOBILES:** Back as many vehicles as possible into the garage and close the garage door. In the event you evacuate, close the garage door as you leave. If you do not have a garage, park vehicles so they are heading in the direction of the evacuation route.

**EVACUATE THE FAMILY:** If evacuation becomes necessary, take your family and pets to a safe location.

# Prepare Your Home For Wildland Fire Season

Information obtained from [www.firewise.org](http://www.firewise.org)



The time of year to protect your home is before wildland fire season begins in your area.

## **What hazards exist for this home?**

- Branches overhang the roof of this house. During the windy conditions that exist during a wildland fire, flames, sparks and firebrands could travel from the tree to the roof of this structure.
- Leaves have accumulated next to the house, providing fuel for a wildland fire.
- The grass around the house is unmowed and dry. Tall, dry grasses provide a path for fire that can lead directly to a house.
- Because flammable shrubs are located right next to the house, they are a dangerous potential fuel source for a wildland fire.
- Leaves on the roof and/or in the gutters should be removed so they are not ignited by flying embers.
- The lower limbs of surrounding trees are close to the ground. Fire burning through tall, dry grass could ignite these limbs and climb to the top of the tree with relative ease.
- Make sure yard equipment receives annual maintenance and proper fueling. During wildland fire season, be sure to fuel your lawn mower properly -- away from dry, flammable grasses.
- Always be sure to dispose of vegetative debris according to local regulations.



*Picture Perfect!*

East Fork Scott River



Photo By: Danielle Quigley

## **FIRE IMPACTS WATER QUALITY**

A primary concern for the Scott River Watershed Council is the need to reduce sedimentation in the Scott River and its tributaries. Normally, the forest will provide stabilization for hillslopes and filter water naturally by absorbing nitrates, phosphorus and other elements. In the event of fire, more contaminants will reach stream channels, rivers, and eventually groundwater. Sedimentation will increase in massive loads as the vegetation is no longer present to prevent mudslides from occurring. Fire prevention through proper forest management is essential for high quality water.

# A Local Demonstration Project

## THE FRENCH CREEK FUEL MODIFICATION ZONE

*Photos and project information by Robert G. Lindsay, Project Coordinator*

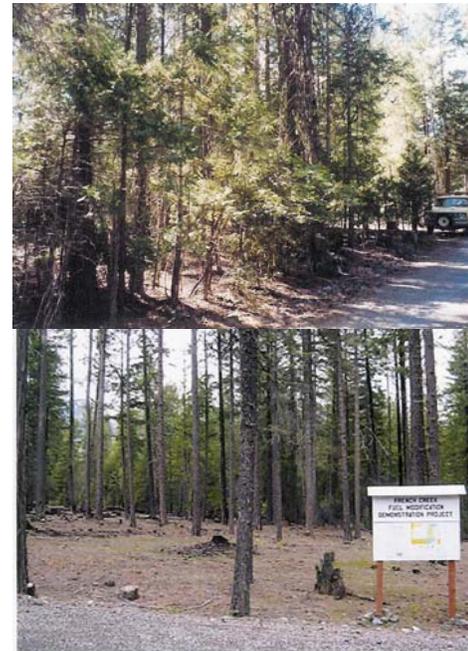
This project was sponsored by the Scott River Watershed Council and the Siskiyou Resource Conservation District. It began as a larger project idea to create a shaded fuel break around the perimeter of the French Creek sub-watershed as defined by the French Creek Watershed Advisory Group and the Klamath National Forest. The demonstration project uses a selected portion of the larger project area and involved approximately eight (8) acres. The treatment created a 150-foot wide strip along the property lines of three separately owned parcels.

The objective of the shaded fuel break is to reduce the rate of spread and intensity of a fire and to provide a safer and more defensible space from which firefighters can hold or initiate suppression action.



*The French Creek sub-watershed is located approximately 4 miles south of the town of Etna using State Highway 3. Turn on French Creek Road and travel approximately 4.5 miles to the project site.*

*Contracted work commenced in October 2003 by Max Brown of Yreka.*



Part of the project area is bisected by the French Creek Road. This road affords the public opportunity to view part of the project.

An informational sign adjacent to the road explains the project and provides follow-up information contacts.

Treatment for this project was to retain all trees 10 inches in diameter and larger and to masticate, chip and/or burn all other material. Existing down material over 12 inches diameter was not required to be treated. Snag falling and limbing of leave trees was also required.

*This project was funded by a grant from the US Forest Service through its Community Protection Program.*

**JUNE 11, 2003            SCOTT RIVER WATERSHED COUNCIL REPORT**

The Council invites you to attend our meeting and dessert social on June 17 at 7:00pm to welcome students from UC Davis as they visit the Scott River watershed for a training exercise. The meeting and social will be held at the United Methodist Church in Etna. Students and professors will share details about the training exercise and what they hope to learn. Other agenda items will include the progress on developing our Strategic Action Plan, discuss potential field trips, and a summary of the Watershed Fair held on May 31<sup>st</sup>. The fair provided many hands-on activities where kids were able to be creative and take home their artistic projects. Congratulations to Peggy McCutcheon for winning the beautiful quilt made by Judy Costales and stitching by Dave Butler. We were able to collect \$450 from proceeds of the quilt raffle and pie donations and will donate this to the Scott Valley Scholarship Fund. We would also like to give a big thanks to the many Americorp folks who provided activities and worked with local students this past school year. Also, we extend our thanks to the members of our community, Chris Dowling and Scott Murphy, for sharing a bit about what they do and taking time to bring their work to our fair. Thank you Etna High School for putting together a great bar-b-que lunch that was very much appreciated by all those in attendance. Additional thanks to US Forest Service, California Department of Forestry, Women In Timber, Siskiyou County Cattlewomen's Association, Siskiyou County Office of Education, the 21<sup>st</sup> Century Program, and all the schools within Scott Valley for their contributions to the fair and to the many volunteers who gave their time to help at this event. Upcoming summer activities for the Council will include project field trips so we can provide further education about restoring the watershed. And remember to look for information about a public review of the Scott River Strategic Action Plan in the fall.

**September 2003            Scott River Watershed Council Report**

SCOTT VALLEY – The time is near for completing the draft Strategic Action Plan for the Scott River Watershed Council. In an effort to collect missing information and ensure accuracy, input by Council members and interested parties will occur during our monthly meeting on Tuesday, September 16 at 7:00pm. The location will be the Fort Jones Community Center. Many of you have been hearing about the planning process for a long time now and are eagerly awaiting its completion. The Council has been diligent in their efforts this past year to get all the information together and define goals, objectives and strategic actions. We thank each one of the folks who have put in countless hours towards this accomplishment. In other news, the Council in partnership with the Siskiyou Resource Conservation District (RCD) began implementation of a demonstration project to create a fuel modification zone in the French Creek area. This is a small project in comparison to the ongoing needs of fire protection in the County and specifically the Scott River watershed. We are hopeful that more projects like this will gain attention and participation to work towards protecting our lands from fire. If you would like more information about the various projects and programs administered through the Council and the RCD, please attend our meetings each month or visit our websites by accessing [www.sisqtel.net/~sisqrcd](http://www.sisqtel.net/~sisqrcd) and click on the appropriate link.

**October 2003            Scott River Watershed Council Report**

As the weather begins to change we can feel Fall in the air and cooler temperatures benefit water conditions for the Fall Chinook spawning season, the Scott River Watershed Council (SRWC) continues to develop a strategic action plan that will be used to guide future projects and programs geared toward improving the health of our watershed. During the past year we have heard a lot about the fate of the coho salmon and the impact their status has had on the community. This issue is only one of many that has prompted the SRWC to put into writing a strategic plan to be used as a 'blueprint' for moving forward with restoration and conservation goals and objectives. With funding provided by various sources such as Department of Fish and Game, Klamath River Basin Fisheries Task Force, State Water Resources Control Board, and the Cantara Trustee Council the SRWC is close to completing the initial phase of the Plan. A copy of the preliminary draft and a survey document will be available at the Siskiyou Resource Conservation District Office beginning on Thursday, October 16 in the afternoon. Although the preliminary draft is not a completed draft, we ask folks to visit the office located at 450 Main Street in Etna, to review the document and provide comments using the survey questions. This will help identify areas needing improvement or correction prior to approval of a final draft. The goal is to achieve approval [of the final draft] by the SRWC during our October 21 meeting at 7:00pm. The meeting is open to the public and will be held at the United Methodist Church in Etna. We will also enjoy an Ice Cream Bar during our meeting break. All active participants of the SRWC are encouraged to bring a friend or family member to visit our meeting and enjoy the dessert. If you have any questions regarding the planning efforts please contact the SRWC Coordinator by calling (530) 468-2487 or sending an email to [rmuse@sisqtel.net](mailto:rmuse@sisqtel.net). Remember that all wildlife, fish, peoples, properties, and economic systems are components of the watershed. Therefore your participation and observations are important to us.

**November 2003                      Scott River Watershed Council Meeting**

One of the goals of the Scott River Watershed Council (SRWC) is to provide the community with education about the watershed, relevant issues, and the work that has been done to help improve conditions. This includes the success of local landowners in cooperation with agencies, the SRWC and similar groups such as the Shasta Valley CRMP. The November 18 meeting will provide examples of success stories through presentations by local landowners. At this time when the SRWC releases its Draft Strategic Action Plan (Plan) for public review, it is just as important to increase local awareness of how projects can benefit all involved. The Draft Plan contains 93 actions that will be addressed over the next ten years. The short-term actions, targeted for implementation within a two year period, include 71% of the total actions. Now is the time to start thinking about how the Plan will impact local stakeholders and learn about similar planning efforts within the Klamath River Basin as we are a part of that larger basin. In an effort to bring this awareness to our community, Mike Connelly from the Klamath Basin Ecosystem Foundation will also be a presenter at the SRWC meeting on Tuesday, November 18. This public meeting will be held at the Fort Jones Community Center at 7:00pm. Please join us to hear these important messages. Anyone interested in reviewing the Draft Plan can contact the SRWC Coordinator at 468-2487 and request a CD, or pick up available copies at the November 18 meeting. The CD will contain the 152 page Draft Plan document along with a 143 page appendices and can be viewed using Adobe Acrobat Reader. Paper copies are available for review at the Siskiyou Resource Conservation District office located at 450 Main Street in Etna.

All comments on the Draft Plan must be received by the SRWC no later than December 5. Instructions for submitting comments will be provided with the document. Public comments will be discussed at the December SRWC meeting. We look forward to seeing or hearing from you on these important dates.

**December 2003                    Scott River Watershed Council Meeting and Dinner**

Are you ready to comment on the Draft Strategic Action Plan (Plan) of the Scott River Watershed Council (SRWC)? Or, do you wish to hear the comments and input of others? Now is the time to mark your calendars. On Tuesday, December 16 the SRWC will hold a public meeting at the City of Etna Council Chambers. This meeting will begin at 6:00pm and attendees must enter through the Siskiyou Resource Conservation District office. We encourage the community to attend and participate in the discussion that will ultimately finalize our Plan. The SRWC has developed this Plan for the Scott River watershed for the purpose of cooperatively establishing a common strategy for restoration and management actions. Thus, the Plan will form the basis for setting priorities for future projects and practices to be supported by the SRWC, the Scott Valley community, and the many funding sources. Contents of the Plan include the identification of several past and current projects relating to restoration, conservation, and studies. Included in the strategic actions targeted for implementation in the next two years are to support and encourage studies of life history patterns and identify limiting factors for Scott River watershed anadromous salmonid stocks; qualify factors limiting spawning, migration, and rearing that are affecting stream systems; evaluate the ground and surface water recharge effects of irrigation ditches; investigate water storage opportunities; support local fire safe councils by soliciting funds and partnering in project implementation; and, develop a standardized monitoring protocol that can be used by any party. Copies of the Draft Plan can be obtained at the Siskiyou Resource Conservation District office. We look forward to community participation. Following the public meeting will be a holiday dinner at Bob's Ranch House beginning at 7:00pm. The cost is \$7 per person and reservations must be made in advance. You may also choose to participate in our \$5 gift exchange by bringing a wrapped gift to the dinner. If you are interested in joining these holiday festivities you must contact Rhonda Muse at 468-2487 or Carolyn Pimentel at 467-3975 no later than Thursday 11. Dinner selections include Tri-tip or Italian Chicken. Have a safe and enjoyable holiday season.

**January 2004                    Scott River Watershed Council Meeting and Presentation**

On Tuesday, January 20 the Scott River Watershed Council (SRWC) will hold its monthly meeting at the Scott Valley Grange in Greenview. The meeting will begin at 7:00pm with a presentation by Mike Deas from Watercourse Engineering, Inc. This presentation will address the tools needed for assessing ground and surface water within the watershed. Mr. Deas recently completed a report for the SRWC and Siskiyou Resource Conservation District that provides a data analysis and model review for a water balance study. Included in the report are recommendations for developing a simulation model that would assist in gaining a better understanding of the water system in the Scott River in addition to assessing system response to different hydrologic conditions and water use management strategies. We encourage the community to attend and participate in the discussion following this presentation. The SRWC reminds you that monthly meetings are open to the public and time is always scheduled for public comments. If you have any questions about the SRWC please contact our office by calling (530) 468-2487.

**March 2004                      Scott River Watershed Council Monthly Report**

In 2004 the Scott River Watershed Council (SRWC) is focusing on gaining as much knowledge as possible for the purpose of improving habitat for fish while considering the needs of local landowners. To do this, we have put together project proposals that will give us a clearer picture on the various factors having a potential to limit the production of salmon and steelhead. To begin this effort, we will provide two special presentations for the SRWC and our community on March 16 at 7:00pm at the Etna City Council Chambers. These presentations will include "Determining Coho Salmon Distribution and Abundance in the Scott and Shasta Watersheds" by David Lamphear of the Institute for Forest and Watershed Management. Mr. Lamphear has been working to identify the distribution of coho salmon in cooperation with the Department of Fish and Game. His presentation will share the information gathered to date. Secondly, Bryan McFadin of the North Coast Regional Water Quality Control Board will give a presentation about the "Information and Insights Gained from the 2003 Scott River Thermal Infrared Survey". Mr. McFadin's data will be useful in the SRWC's limiting factors analysis which is currently underway.

In February, the SRWC approved using remaining funds from the Water Quality Control Board to continue our assessment of riparian habitat through aerial photo analysis. In addition we will invite members of the National Riparian Service Team (NRST) along with Wayne Elmore of Fullstream Consultant, Inc to evaluate past projects of our Riparian Restoration Program and provide us with a presentation of a successful grazing management project that enhanced the riparian zone in another watershed. The NRST and Mr. Elmore will visit Scott Valley starting on April 12, with the presentation held at the Scott Quarterly Information Forum on April 15. More information about this presentation will be forthcoming.

**APRIL 2004**

**Scott River Watershed Council Report**

The past month not only brought spring to Scott Valley, it brought with it many opportunities for community outreach. While flowers have bloomed, so has our knowledge in areas of biomass, riparian enhancement opportunities, and conservation easements. On April 3, the Scott River Watershed Council (SRWC) hosted a successful Biomass Workshop where various speakers shared knowledge about the many types of bio-energy and various projects in and out of Siskiyou County. We thank Ric Costales for coordinating the various speakers and writing articles that were both informative and enlightening about the subject of biomass and bio-energy.

The topic of riparian enhancement has been raised as we put together site visits and presentations by the National Riparian Service Team and Mr. Wayne Elmore of Full Stream Consulting. Two team members, Janice Staats and John Anderson, and Mr. Elmore will be in Scott Valley from April 12 through April 15, providing presentations at the Scott Quarterly Information Forum on the 15<sup>th</sup>. We express our appreciation to Ernie Wilkinson for taking the initiative to bring these folks to Scott Valley and expect a great turnout at the forum.

The last topic discussed for upcoming informational forums is that of conservation easements. As many organizations are now focusing their efforts on conserving lands, they also offer funds to assist with easement leasing and potential purchases. The SRWC is now working to create a public forum during the month of May that will provide the community with information from various aspects on the subject. Funding for the various SRWC workshops and forums is provided by the California Department of Fish and Game, Klamath River Basin Fisheries Task Force, and the State Water Resource Control Board.

Please join us for our regular monthly meeting on Tuesday, April 20 (7:00pm) at the Fort Jones Community Center as we will provide information regarding a Report on Habitat Typing completed during watershed assessments. We will also be welcoming Peter Townley, Team Leader of the NRCS Klamath Planning Team to give a presentation on the approach and responsibility of this team. If you are interested in knowing more about the SRWC please contact the Coordinator by calling 468-2487 or by email at [rmuse@sisqtel.net](mailto:rmuse@sisqtel.net).

JUNE 2004

#### **Scott River Watershed Council Report**

We are thankful to all those who attended and participated in the Conservation Easement Forum held in place of the normal monthly meeting of the Scott River Watershed Council (SRWC). On May 18 a total of 61 folks filled the Scott Valley Grange in Greenview to learn about conservation easements. The panel of 11 speakers provided various views and topics to educate us on the many aspects involved with this subject. Something that we all heard was the importance of contacting an attorney that is well versed in easements to work out all the details before signing a contract. If you missed the forum and would like to view the presentations, a video tape is available at the Siskiyou Resource Conservation District (RCD) located at 450 Main Street in Etna.

The next SRWC meeting will be held on June 15 at the RCD office beginning at 3:00pm. The SRWC has approved changing the meeting time every other month in order to make meeting times available to those needing to provide technical assistance. For a period of six months, odd numbered months (May, July, etc.) the meetings will focus on educational forums during the regular evening hours of 7:00pm to 9:00pm. Meetings during the even numbered months (June, August, etc.) will be held from 3:00pm to 5:00pm and are working/technical meetings that will address the implementation of specific actions identified in the SRWC Strategic Action Plan. All meetings are open to the public and are scheduled for the third Tuesday of each month. If significant progress is being made with the new meeting format we will consider continuing the new hours in 2005. If you would like more information about the SRWC, or would like to see monthly agendas, visit our website at [www.sisqtel.net/~sisqrcd](http://www.sisqtel.net/~sisqrcd) and click on the Scott River Watershed Council link.

JULY 2004 PRESS RELEASE

#### **SRWC Meeting Brings Water Trust Information to Scott Valley**

Robert Donlan with the law firm Ellison, Schneider & Harris, located in Sacramento, will be the presenter at the Scott River Watershed Council (SRWC) meeting to be held on July 20, 2004 at 7:00pm. The location for this meeting is the Scott Valley Grange in Greenview. Donlan was the lead attorney on the development of the Scott River Flow Enhancement Options report, which assessed legal issues associated with changing Scott River adjudicated water rights for instream benefit.

With the Scott River acting as part of the headwaters of the Klamath River for salmon and steelhead production, the conflict between fisheries and agriculture water use is not going away. The SRWC and Siskiyou Resource Conservation District (RCD) believe both uses can coexist if proper programs and planning efforts are implemented. Rather than waiting for the conflict between agriculture and fisheries to be decided by regulators

or the courts, we are exploring the development of a program that would allow willing water users to lease their water rights for instream benefit with reimbursement from the locally operated water trust.

The Siskiyou RCD, with funding from the CDFG, sought to determine if water rights adjudicated under the three court decrees in Scott River Valley could legally be used for instream benefit either through a temporary lease, long term lease or purchase. The purpose of the study was to explore the legal feasibility of a local water trust, in an effort to address the flow conflicts between fisheries and agricultural needs in the Scott River.

Donlan will discuss his findings concerning the legal aspects of the water trust related to water rights and procedural issues. The report developed by Ellison Schneider & Harris reviews the French Creek Decree, Shackleford Creek Decree, the Scott River Decree and state law related to water transfers and instream dedications. This legal review was the first phase in the development of the local water trust.

**For Public Announcement:**

## **First Annual Scott River Watershed Fair**

**Date: Saturday, May 31, 2003**

**Time: 10:00am - 2:00pm**

**Location: Etna Union High School**

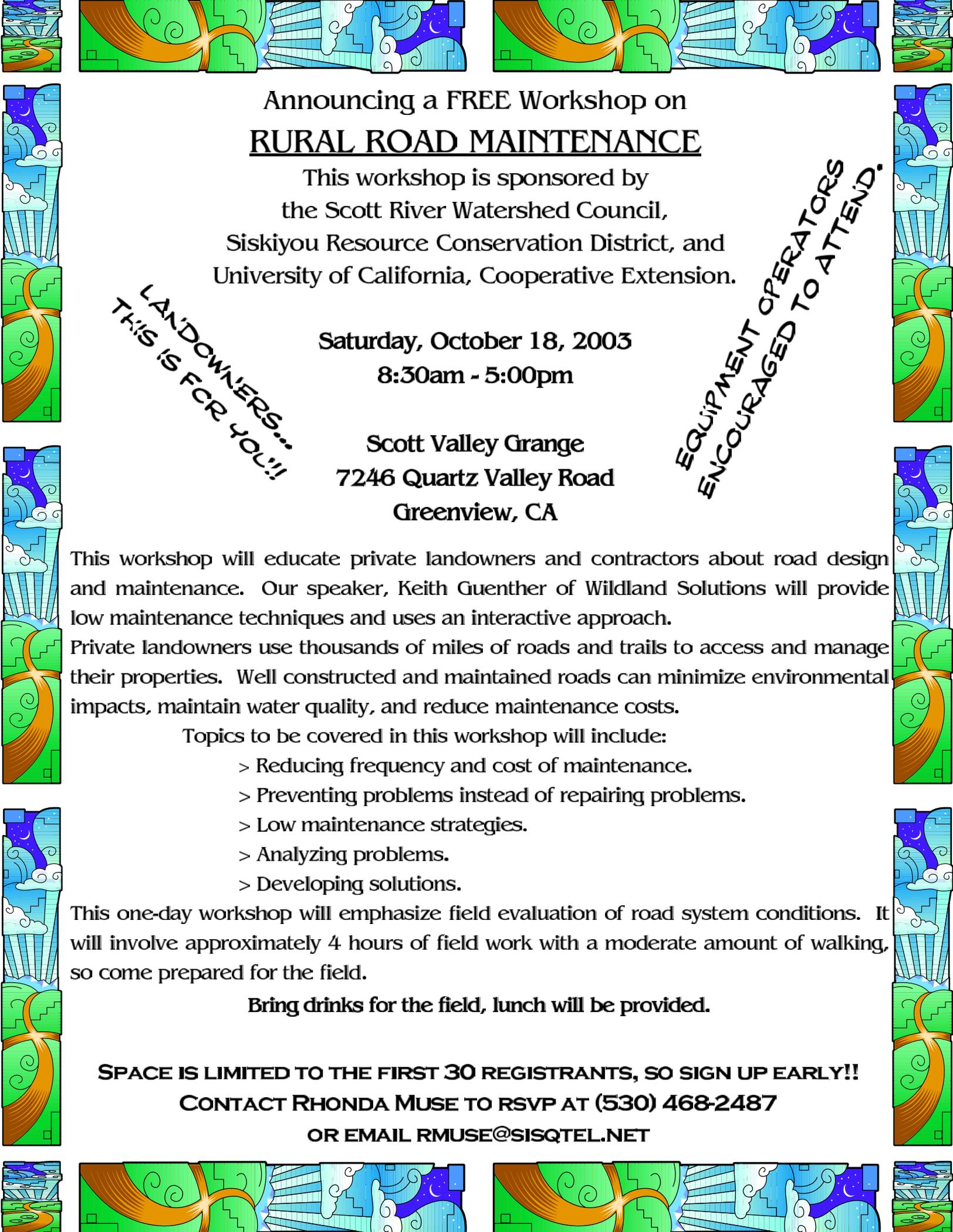
Come see displays provided by local students on watershed education.

A fire safety display will be presented by the US Forest Service and California Department of Forestry.

Additional displays, games and other activities are provided by Women of Timber, Americorp, FFA, Department of Fish and Game, and citizens of the Scott Valley community.

There will be a quilt raffle and pie auction with proceeds donated to the Scott Valley Scholarship Fund.

You also have a chance to win a dinner for two at the Trailhead restaurant in Etna by visiting the Scott River Watershed Council booth to enter a contest for naming the 'quarterly forum'.



Announcing a FREE Workshop on  
**RURAL ROAD MAINTENANCE**

This workshop is sponsored by  
the Scott River Watershed Council,  
Siskiyou Resource Conservation District, and  
University of California, Cooperative Extension.

Saturday, October 18, 2003  
8:30am - 5:00pm

Scott Valley Grange  
7246 Quartz Valley Road  
Greenview, CA

LANDOWNERS...  
THIS IS FOR YOU!!!

EQUIPMENT OPERATORS  
ENCOURAGED TO ATTEND.

This workshop will educate private landowners and contractors about road design and maintenance. Our speaker, Keith Guenther of Wildland Solutions will provide low maintenance techniques and uses an interactive approach.

Private landowners use thousands of miles of roads and trails to access and manage their properties. Well constructed and maintained roads can minimize environmental impacts, maintain water quality, and reduce maintenance costs.

Topics to be covered in this workshop will include:

- > Reducing frequency and cost of maintenance.
- > Preventing problems instead of repairing problems.
- > Low maintenance strategies.
- > Analyzing problems.
- > Developing solutions.

This one-day workshop will emphasize field evaluation of road system conditions. It will involve approximately 4 hours of field work with a moderate amount of walking, so come prepared for the field.

**Bring drinks for the field, lunch will be provided.**

**SPACE IS LIMITED TO THE FIRST 30 REGISTRANTS, SO SIGN UP EARLY!!**

**CONTACT RHONDA MUSE TO RSVP AT (530) 468-2487**

**OR EMAIL [RMUSE@SISQTEL.NET](mailto:RMUSE@SISQTEL.NET)**

***THE SCOTT RIVER WATERSHED COUNCIL  
INVITES YOU TO ATTEND A***

# **FREE BIOMASS WORKSHOP**

Saturday, April 3, 2004  
10:00am – 4:00pm

SCOTT VALLEY GRANGE  
7246 QUARTZ VALLEY ROAD  
GREENVIEW, CA

**LUNCH WILL BE PROVIDED**

This workshop will introduce biomass concepts, technology and potential uses within the watershed to anyone who is interested in learning about this subject. Keynote speakers include:

***Ric Costales, Chairman, Scott River Watershed Council***

***Brian Duff, BBI International***

***Thomas Deerfield, Shasta Energy Group***

***Jim Vancura, OreCal RC&D***

***Don Hall, USFS, Klamath National Forest***

**A panel of various individuals from private to public timberlands, fire safe councils, and the National Energy Committee are invited to participate in a discussion of local biomass supply and opportunities. We look forward to having you join us!!**

***Funding for this workshop is being provided by the Klamath River Basin Fisheries Task Force***

## Documentation of Meeting

**Name:** Feasibility Study for Beef Marketing – Steering Committee  
**Date/Time:** May 14, 2003 @ 7:00pm  
**Location:** RCD Office  
**Documented By:** R.Muse

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**Present:** Rhonda Muse, Gareth Plank, Carolyn Pimentel, Darrell Tucker, Bruce Walker, Jim Hausauer, John Jenner, Rick Barnes, and Jeff Fowle

**Purpose:** To share concept of the project, obtain buy-in from local producers, identify continuing participants of the steering committee that will help develop the project upon award of funding, and to collect information to be added to 'questions to be answered'.

**Introduction:** Gareth introduced the project stating previous discussions to implement a marketing and value added program requires a feasibility study and operations plan. Gareth also described the grant opportunity to obtain \$35K. The grant requires a municipality to apply (City of Etna) and must provide a cash match of approximately \$2500. Jim Cook will present to the City Council on behalf of SRWC and the steering committee.

### Open Discussion (Q and A):

**Q.** What are other resources to obtain information about this type of project?

**A.** Steamboat Springs and Washington Beef.

**Q.** Will \$35K be enough to complete this phase of the project?

**A.** According to Jim Cook, this would cover phase 1, there is not reason to believe otherwise as studies have been done elsewhere so the tasks should include reviews rather than from scratch.

**Q.** Who initiated this project?

**A.** Gareth and Jeffy began discussions to pursue what has been thought out for many years. They wanted to know if there is some way to have value added commodities and find long term productivity.

### Comments

- Bruce shared past discussion with Ernie and others.
- Darrell Tucker spoke with Dave Black and Dan Drake stating there is no formula for figuring the numbers, key is to find marketing strategy that works for us
- Potential for environmentalist dollars if controlled locally (3<sup>rd</sup> party comment of Mary Roehrich)
- No intent to compete with other markets
- Would need an estimated 40 cattle per week to benefit us

- Marketing tool to include known high micro-nutrients
- Potential for pharmaceutical backing if including value added studies for that purpose (i.e. bones, valves, femoral artery), this would require a lot of paper work/FDA involvement
- Value added; run competition with what other are doing, non-traditional avenue, organic
- Use of mobile kill plant (see Washington State), now approved in CA
- In Feb. 2004, funding from USDA for portable plant will be available to coops only (for CA)
- Need consistent product
- Stick to core competence
- Market to environmental population by stating percent of profits will go to riparian habitat
- Expand to include 200 mile radius or state entire Siskiyou County
- Focus on family farm
- Develop customer loyalty
- Share at food shows

**Concerns/Questions to be added to Land Committee document for proposal:**

- Need to review existing feasibility studies
- Get info from Steamboat Springs project
- No intent to compete with other markets
- Is there a potential to inquire about pharmaceutical backing?
- Get information about Washington State mobile kill plant.
- How to effectively move product from ranch to end user?
- Expand to include Siskiyou County
- Develop BMP that incorporate fish-friendly practices
- How best to incorporate and get buy-in for taking percent of profits and putting into riparian habitat?
- Consistency of product among participants
- Need to identify competitive advantage
- How to pay for implementation, and what is initial cost?
- Consider concept of 'dry-aged' beef, need facility to do this
- Where best to market?
- If permanent slaughter house, waste water will become an issue
- Location? Feed lots? Storage/packing?
- Review current transportation costs vs. keeping local
- Review seasonal advantage vs. annual supply
- How will affects of changes in population and zoning impact future marketability and viability?
- How best to develop customer loyalty
- How to obtain buy-in from environmental community

**Follow Up:**

- All participants will continue with steering committee, must include representatives from Shasta and Butte valleys

- Need one more meeting with Jim Cook to detail cash match and discuss presentation to City Council: results from that meeting are that Cattlemen's Association can help with fund raising for cash match. Jim reported City has approximately \$1500, still need \$1000
- Participants would like to tour other processing plants.

MAY 2003:

- 2 Landowner meetings for steering committee to discuss Beef Marketing and Value Added study which will include potential for restoring habitat. The group approved moving forward. Potential funding through assistance of Great Northern must be submitted by City of Etna. To be presented at city council on June 2.
- Cliff Lake project meeting with Bill Bennett, USFS, and other partners.
- NRCS – Rapid Assessment Team to review tool for reporting to Chief of NRCS and possible use of tool within SRWC
- DOC Legacy Workshop – contributed 5 items for their GIS layer of planning efforts throughout the state. Indicated the following: Strategic Action Plan, Fish Population and Habitat Plan, Scott River Flows Action Plan, Monitoring Plan, and Upland Management Plan.
- Technical Work Group of the Task Force – present and defend 3 proposals. Also attended by Sue Maurer to provide technical information regarding 1 proposal.

JUNE 2003:

- Task Force meeting and presentation of Watershed Council
- Attended Etna City Council meeting in support of proposal for a grant to complete feasibility study of a livestock processing plant and beef marketing
- French Creek Modified Fuel Zone meeting to introduce project to Bob Lindsay (new project coordinator) and to identify next steps

JULY 2003:

- Watershed Roundtable of Siskiyou County

SEPTEMBER 2003:

- Shasta RCD meeting for presentation of proposal to Create a Fire Safe Environment
- Technical assistance for Ernie
- Siskiyou County Fire Safe Council presentation of proposal to Create a Fire Safe Environment

OCTOBER 2003:

- Klamath River Basin Fisheries Task Force
- Lower Scott Fire Safe Council meeting for presentation of proposal to Create a Fire Safe Environment
- Met with staff and Lorrie Bundy from NRCS to discuss TSP program and cooperative agreement opportunities

JANUARY 2004:

- Met with Dave Webb for purpose of determining database needs and screen layout (a part of the business requirements document)

FEBRUARY 2004:

- Meeting with David Lamphear and Project Coordinators (Gary, Danielle, and Erich)

MARCH 2004:

- Peter Townley to discuss NRCS planning team's purpose and approach
- Dave LaPlante to discuss questions in the Business Requirements document for the database project

JUNE 2004:

- Lower Basin Science Conference, Arcata
- Technical Work Group meeting, presentation of proposals
- Klamath River Basin Fisheries Task Force meeting, annual report/presentation
- Staff meeting

JULY 2004:

- TMDL meeting with Bryan McFadin
- Resource Management for review of database project task 1

AUGUST 2004:

- Dave LaPlante and Dave Webb for review of database table structure and next steps

**SCOTT RIVER WATERSHED COUNCIL**  
**Project Tracking Worksheet**

**PROJECT NAME:** Strategic Action Plan  
**PROJECT NUMBER:** 89-10; 71 task6; 71 II  
**TYPE OF PROJECT:** Planning  
**FUNDING SOURCE(S):** FWS; NCWQCB; Cantara, DFG

**DATE:** February 3, 2004

**CURRENT STATUS:**  
**Completed**

**Yellow lines = item to be done**

**HOT TOPICS FOR DISCUSSION:**

GIS information.  
 See Outstanding Issues/Questions section at implementation

**REQUIREMENTS: NONE**

- Landowner Approval
- Equipment
- Other:

TASK:		ASSIGNED TO:	DUE DATE:	PROGRESS/COMMENTS:	COMPLETED
<b>F</b>	<b>Funding Agency Update/Reports</b>				
F.1	Report due	Danielle	11/10/2002	Agencies to attend 11/19 mtg.	11/6/2002
F.2	Report due	Danielle	12/10/2002		12/10/2002
F.3	Report due	Danielle	1/10/2003		1/10/2003
F.4	Report due	Danielle	2/10/2003		2/10/2003
F.5	Report due	Rhonda	3/10/2003		3/6/2003
F.6	Report due	Rhonda	4/10/2003		4/10/2003
F.7	Report due	Rhonda	5/10/2003	Final?? No, project thru Dec 2003	5/10/2003
F.8	Report due	Rhonda	6/10/2003		6/10/2003
F.9	Report due	Rhonda	7/10/2003		7/10/2003
F.10	Report due	Rhonda	8/10/2003		8/10/2003
F.11	Report due	Rhonda	9/10/2003		9/10/2003
F.12	Report due	Rhonda	10/10/2003		10/10/2003
F.13	Report due	Rhonda	11/10/2003		11/10/2003
F.14	Report due	Rhonda	12/10/2003		12/10/2003
F.15	Report due	Rhonda	1/10/2004		1/10/2004
F.16	Report due	Rhonda	2/10/2004	Final report for Task 6	2/3/2004

**SCOTT RIVER WATERSHED COUNCIL**  
**Project Tracking Worksheet**

<b>TASK:</b>		<b>ASSIGNED TO:</b>	<b>DUE DATE:</b>	<b>PROGRESS/COMMENTS:</b>	<b>COMPLETED</b>
<b>Task #1:</b>	<b>Where We Are</b>				
<b>1.1.0</b>	<b>Compile initial overviews based on existing documentation</b>	Planwest	12/17/2002	11/19 Provided GW with copy of DRAFT #1 by JM for use in overviews. Janet Blake req'd info regarding overviews. 11/26 Instructed GW to stop GIS research. We will provide list of needs and obtain data. No prior use of avail. GIS data listed in H&A MDL.	12/19/2002
1.1.1	Review initial overviews and provide info for completion (fill data gaps)	Rhonda, Exec Comm	1/6/2003	Review Exec. Comm mtg notes. Committees to provide info	1/6/2003
1.1.2	Revise overviews to include additional info (fill data gaps)	Planwest	2/18/2003	To be done by Committees, extend due date to 2/20 (need to change) Executive Committee and SRWC not satisfied with product	Draft revision completed by Rhonda 3/26/2003
1.1.3	Review and obtain revisions by Council or committees if necessary (fill data gaps)	Rhonda, Council	5/1/2003	Include Technical Advisors	8/11/2003
1.1.4	Revise overviews to include additional info if necessary after Council input (fill data gaps)	Rhonda	6/1/2003	Include Technical Advisors	9/15/2003
<b>1.2.0</b>	<b>Develop standard format</b>	Planwest	11/25/2002	Include Monitoring in outline Revised format and Skeleton Draft compiled (March 2003)	11/19/2002
1.2.1	Review outline of format	Rhonda, Exec Comm	12/2/2002	Done @ Council Mtg	11/19/2002
1.2.2	Revise format to include additional info	Planwest	12/17/2002		12/19/2002
1.2.3	Exec Comm review and approval	Rhonda, Exec Comm	1/6/2003		1/6/2003

**SCOTT RIVER WATERSHED COUNCIL**  
**Project Tracking Worksheet**

<b>TASK:</b>		<b>ASSIGNED TO:</b>	<b>DUE DATE:</b>	<b>PROGRESS/COMMENTS:</b>	<b>COMPLETED</b>
<b>1.3.0</b>	<b>SRWC approval</b>	Rhonda	1/8/2003	Revised format based on appropriate data compiled, Skeleton Draft compiled in March 2003	3/18/2003 with refinement over duration of project
<b>1.4.0</b>	<b>Compile GIS needs</b>	SRWC	12/12/2002	Added this section on 11/26 (task ongoing), list complete	12/10/2002
1.4.1	Meeting to list items to include in Plan	Rhonda, Danielle, Jennifer	12/5/2002		12/5/2002
1.4.2	Compile documented list and source	Rhonda	12/6/2002		12/10/2002
1.4.3	Identify gaps	Rhonda, Danielle, Jennifer	12/9/2002		12/5/2002
1.4.4	Obtain data	Rhonda, Danielle, Jennifer	12/19/2002	12/19 --6 maps to date 1/30 -- have more been sent?	4/1/2003
1.4.5	Submit to Planwest	Rhonda	12/20/2002	12/20 --submitted 6 maps, more to be done in January	4/1/2003
1.4.6	Format GIS info and complete obtainable maps	Danielle	7/31/2003		10/3/2003
<b>Task #2:</b>	<b>Where We Are Going</b>				
<b>2.1.0</b>	<b>Draft vision statement/Workshop</b>	Planwest,Council	11/4/2002	Workshop done 10/15/2002	11/4/2002
2.1.1	Review and revise as necessary	Rhonda, Exec Comm	11/4/2002		11/4/2002
2.1.2	Revise vision statement as necessary	Planwest	11/12/2002	Use as outreach for Council mtg	11/12/2002
2.1.3	Submit to Council for review and approval	Planwest,Council	11/19/2002	see Sari's input	11/19/2002
<b>2.2.0</b>	<b>Draft goals by topic</b>	Planwest	11/4/2002		11/4/2002
2.2.1	Review and revise as necessary	Rhonda, Exec Comm	11/12/2002	Email input to Rhonda or George 11/14 RM sent revisions to GW	11/14/2002
2.2.2	Revise goals	Planwest	11/18/2002	Completed by RM	11/19/2002
2.2.3	Submit to Council for review and approval	Planwest,Council	11/19/2002	Completed by RM	11/19/2002
<b>2.3.0</b>	<b>Draft objectives</b>	Planwest	12/17/2002	Completed by RM Take to committees	11/22/2002

**SCOTT RIVER WATERSHED COUNCIL**  
**Project Tracking Worksheet**

<b>TASK:</b>		<b>ASSIGNED TO:</b>	<b>DUE DATE:</b>	<b>PROGRESS/COMMENTS:</b>	<b>COMPLETED</b>
2.3.1	Review and revise as necessary	Rhonda, Exec Comm	1/7/2003	Fish (12/5,1/7) Water (12/9,1/8,1/27) Land (12/9) Monitoring (12/12) Outreach (1/8)	1/27/2003
2.3.2	Revise objectives	Rhonda, Standing Committees	2/1/2003	To Planwest 1/28 Exec Comm not satisfied w/prod. To be reworked under new planning coordination	6/30/2003
<b>Task #3: How We Get There</b>					
<b>3.1.0</b>	<b><i>Develop strategic actions Workshop</i></b>	Planwest,Council	11/19/2002	Workshop	11/19/2002
3.1.1	Complete draft of strategic actions	Planwest	12/6/2002	To Rhonda for meeting schedules Completed by RM	11/22/2002
3.1.2	Review and revise as necessary	Rhonda, Committees	1/7/2003	Fish (12/5,1/7) Water (12/9,1/8,1/27) Land (12/9) Monitoring (12/12) Outreach (1/8)	1/27/2003
3.1.3	Revise strategic actions	Rhonda, Committees	2/4/2003	Exec Comm not satisfied w/product, faulty prioritization. From Planwest, to be priorities and reorg to be done under new coordination	8/15/2003
<b>Task #4: Prioritize and Refine Strategic Actions, and Develop Implementation Strategies</b>					
<b>4.1.0</b>	<b><i>Prioritize strategic actions Workshop</i></b>	Planwest,Council	1/27/2003	?Full day, multiple sessions	1/27/2003
4.1.1	Complete prioritized strategic actions and development criteria	Rhonda, Committees	2/15/2003	Exec Comm not satisfied w/prod. From Planwest, to be priorities and reorg to be done under new coordination	9/1/2003
<b>Task #5: Prepare Draft Strategic Action Plan</b>					
<b>5.1.0</b>	<b><i>Complete Preliminary Draft Plan</i></b>	Rhonda	7/1/2003		7/23/2003

**SCOTT RIVER WATERSHED COUNCIL**  
**Project Tracking Worksheet**

<b>TASK:</b>		<b>ASSIGNED TO:</b>	<b>DUE DATE:</b>	<b>PROGRESS/COMMENTS:</b>	<b>COMPLETED</b>
5.1.1	Review and provide input	Rhonda, Exec Comm	8/1/2003	Include Technical Advisors	9/1/2003
5.1.2	Revise as necessary	Rhonda	10/1/2003		10/10/2003
5.1.3	Submit Final Draft to Council for approval	Rhonda	10/1/2003		10/21/2003
<b>5.2.0</b>	<b>Public Review</b>	Rhonda, Exec Committee	10/31/2003		11/7/2003
5.2.1	Receive public response	Rhonda	12/5/2003		12/29/2003
5.2.2	Compile public response document/report	Rhonda, Exec and Tech Comm	1/7/2004		1/7/2003
5.2.3	Review responses for document modification	Rhonda, Exec and Tech Committees	1/7/2004		1/7/2004
5.2.4	Address public response	Rhonda	2/1/2004	Compiled comments and marked those impacting a change to the draft.	2/2/2004
<b>Task #6:</b>	<b>Refine and Prepare Plan for Adoption</b>				
<b>6.1.0</b>	<b>Revise Plan</b>	Rhonda	1/20/2004		1/20/2004
6.1.2	Submit to Council for review and approval	Rhonda, Exec Comm	1/20/2004		1/20/2004
<b>6.2.0</b>	<b>Public Notice of Formal Adoption of Plan by Council</b>	Council	2/15/2004	Article written and published in the Pioneer Press-Rancher section. Also minutes from public meeting on 1/20/2004 indicates motion to finalize document.	1/28/2004
6.2.1	Begin Implementation	Council	Ongoing, begin 2/1/2004		2/1/2004

**SCOTT RIVER WATERSHED COUNCIL**  
**Project Tracking Worksheet**

<b>TASK:</b>		<b>ASSIGNED TO:</b>	<b>DUE DATE:</b>	<b>PROGRESS/COMMENTS:</b>	<b>COMPLETED</b>
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**STATUS TRACKING**

<b>PREVIOUS STATUS:</b>	<b>UPDATED BY:</b>	<b>DATE CHGD:</b>	<b>COMMENTS:</b>
Preliminary Workup	C.Pimentel	10/7/2002	Contract signed
In Process	R.Muse	10/21/2003	Draft approved
Draft Completed	R.Muse	1/20/2004	Final approved as living document
Final Approved	R.Muse	2/3/2004	Last report done; start implementation

**SCOTT RIVER WATERSHED COUNCIL**  
**Project List 1992-2002**

<b>Project #</b>	<b>Year</b>	<b>Title</b>	<b>Location</b>	<b>Opportunity</b>	<b>Task Force Funding Amount</b>	<b>State Funding Amount</b>	<b>Federal Funding Amount</b>	<b>Private Funding Amount</b>	<b>Significant Expense Difference (Amt Used)</b>
RCD15	1992	Kidder Creek Environmental School Fish Field Study Program	Kidder Creek	Education					
RCD16	1992	Scott River Riparian Fencing & Revegetation Project	Scott River	Fencing, planting					
RCD14	1992	Scott River Riparian Zone Inventory and Evaluation	7 miles SE of Etna in N 1/2 Sec 25, T41N, R9W, MDM to 8 miles NW of Fort Jones in NE 1/4 Sec. 28 T44N, R10W MDM	Inventory/Assessment					
RCD17	1992	Streambank Protection Scott River	Scott River	Fencing, bank stabilization, planting					
RCD13	1992	Upper Ruffey Lake Habitat Improvement	Upper Ruffey Lake	Habitat restoration					
KCRP1	1993	Kidder Creek Restoration and Education Project	Kidder Creek	Planting, education					
SalmonEd	1993	Salmon Education Community Workshop	Watershed	Education					
89	1993	Scott River CRMP	Watershed	Coordination Yr 1					
KCRP2	1994	Kidder Creek Restoration Project	Kidder Creek	Planting, education					
Orleans	1994	Orleans Rod and Gun Club Steelhead Rearing Project		Fish rescue					
89	1994	Scott River CRMP	Watershed	Coordination Yr 2					
RCD19	1994	Scott River Flow Enhancement Pilot Project		Increase flows and water quality					
84/95 I	1994	Scott River Riparian Woodland Revegetation Demonstration Project I	Fowle, Whipple, Eiler	Planting					
95 II	1994	Scott River Riparian Woodland Revegetation II	Scott River between Etna Ck , French Ck & Kidder Ck	Planting					
90	1994	Scott River Streambank Protection & Riparian Fencing (and alt. Livestock watering?) (Island Area and other locations)	Scott River	Fencing, bank stabilization, planting					
91	1994	Scott River Streambank Protection (Scott River Riparian and Fencing)	Scott River	Fencing, bank stabilization, planting					
RCD20	1994	Stockwater for Chinook - Scott Valley Irrigation Ditch	SVID	Stockwater study					
93	1994	Student-Built Fish Screens on Scott River Tributaries (II?)	Sugar and French Creeks	Fish Screening					
Orloff I	1995	Assessment of Fall Agriculture Irrigation Water Conservation Potential in the Scott Valley		Flow study					
Gravel	1995	Canyon Creek Spawning Gravel Development	Canyon Creek	Habitat improvement					
KCRP3	1995	Kidder Creek Restoration Project	Kidder Creek	Planting, education					
86 I	1995	Locally Built Fish Screens	Mainstem Scott on Rick Barnes property between French and Sugar Creeks	Fish Screening					
89	1995	Scott River CRMP	Watershed	Coordination Yr 3					
96	1995	Scott River Flow Enhancement Pilot Project		Increase flows and water quality					
RCD21	1995	Scott River Riparian Fencing & Planting	Scott River	Fencing, planting					
??	1995	Scott River Riparian Woodland Revegetation II	Spencer/Platt Ranches, Fowle Ranch, Whipple Ranch, Kiewit Gravel/Kidder	Planting					
84/95 I	1995	Scott River Riparian Woodland Revegetation II	Spencer Ranch, Fowle Ranch, Whipple Ranch, Black Ranch	Planting					
93	1995	Student-Built Fish Screens on Scott River Tributaries	Miner's Creek	Fish Screening					

**SCOTT RIVER WATERSHED COUNCIL**  
**Project List 1992-2002**

RCD22	1995	Temperature Monitoring on the Scott River		Water quality					
85 I	1995	Water Efficient Stock Water System - KRIS (Stockwater 1)	Scott River	Stockwater system					
Orloff 2	1996	Assessment of Fall Agricultural Irrigation Water Conservation Potential in the Scott Valley		Flow study					
85 II	1996	Improve Stock Watering Systems	Fowle, Platt and Hayden Ranches	Fencing, stockwater systems					
86 II	1996	Local-Built Fish Screens for Scott Valley Fish Screening Program	Sugar Creek, Fay Ditch	Fish Screening			\$13,400.00		
87	1996	Scott River Corridor Enhancement Project (Demonstration of alternative bank stabilization methods) a.k.a. Scott River Geomorphic Restoration and Fish Habitat Enhancement	Eller Lane	Fencing, bank stabilization, planting					
89	1996	Scott River CRMP	Watershed	Coordination Yr 4					
??	1996	Scott River Riparian Fencing & Planting Pastures of Heaven	Fort Jones by Scott River Rd.	Planting, fencing					
63	1996	Scott River Riparian Restoration	Scott River	Planting, bank stabilization, fish screening, fencing					
84/95 II	1996	Scott River Riparian Woodland Revegetation III		Planting					
95 III	1996	Scott River Riparian Woodland Revegetation III	French Creek	Planting					
82	1996	Scott River Streambank Protection & Riparian Fencing - Tozier Ranch		Bank stabilization, fencing, habitat improvement					
RCD23	1996	Scott River USGS Station Operation for FY96		Flow monitoring					
99	1996	Temperature Monitoring on the Scott River. Phase 1. Water Year 1995 Report	Watershed	Water quality					
99 II	1996	Temperature Monitoring on the Scott River. Phase II	Watershed	Water quality					
??	1996	UC Davis Workshop	Watershed	Education					
66	1997	Fish Screen Fabrication and Maintenance Project	Sugar Creek, Fay Ditch and Wright-Fletcher Diversion, Kidder Creek	Fish Screening					
Hess	1997	Preliminary Floodplain Plan for a 1-Mile Portion of the Scott River Degraded by Past Gold Dredging	Mainstem Scott, tailings area	Restoration study					
64	1997	Scott River Corridor Habitat Improvement Project located at the Eiler Ranch	Eiler Ranch	Bank stabilization/various methods					
89	1997	Scott River CRMP	Watershed	Coordination Yr 5					
81	1997	Scott River Riparian Restoration II	Scott River	Planting	\$33,286.00		\$54,351.00		
67 (old)	1997	Scott River Riparian Woodland Revegetation Projects	Mainstem Scott at the confluence of French Creek: "Center Bar", "French Creek Bar"	Planting					
99 III	1997	Temperature Monitoring on the Scott River. Phase III	Watershed	Water quality	\$7,948.00	\$290.00			
69	1998	Challenge Fish Screen Project	Wildcat, Miners, Sugar, Boulder Crk, South Fork	Fish Screening		\$40,004.00	\$34,453.00	\$5,500.00	
53	1998	French Creek Fish Screen Fabrication	French Creek	Fish Screening			\$43,338.00		
KCRP4	1998	Kidder Creek Restoration Project	Kidder Creek	Planting, education					
86 III	1998	Locally Built Fish Screen Program	French Creek, Bemrod (MacGowan) Ditch	Fish Screening	\$10,107.00		\$3,500.00		
58 I	1998	Mill Creek Corridor Restoration	Shackleford/Mill Creek	Stockwater system, fish screening					
89	1998	Scott River CRMP	Watershed	Coordination Yr 6					
70	1998	Scott River Water Balance	Basinwide	Flow study		\$41,509.00	\$14,850.00		

**SCOTT RIVER WATERSHED COUNCIL**  
**Project List 1992-2002**

79	1998	Self Cleaning Fish Screen - Patterson Creek (2 screens)	Patterson Creek	Fish Screening			\$32,879.00		
57	1998	Shackleford/Mill fish Screen Fabrication Project	Shackleford/Mill	Fish Screening		\$17,778.00			\$1,637.77
55	1998	Shackleford/Mill Road Erosion Inventory	Shackleford/ Mill	Erosion study		\$41,605.00			
85 V	1998	Stock Watering Systems	Scott River	Stockwater systems			\$22,422.72		
51	1998	Temperature Monitoring Program	Scott River	Water quality		\$1,204.67			
85	1998	Water Quality in Scott River Watershed	On Mill and Shackleford Creeks near confluence	Water conservation					
59	1999	Etna Union HS (EUHSD) Watershed Education Program	Etna	Education	\$34,568.00				
63 II	1999	Fay Lane Restoration	Scott River	Planting, maintenance		\$12,245.31			
85 VI	1999	Improve Stock Watering Systems, Riparian and Water Quality Conditions in Scott River	Kidder Creek and Patterson Creek	Fencing, stockwater systems			\$22,750.00		
52	1999	Scott River Landowner Outreach	Shackleford,Moffett	Education		\$6,000.00			
80	1999	Scott River Landowner Riparian Program	M.Kalpin, Black, Hansed, Hurlimann, Eiler, D.Howell, Brazil, Ball Ranch	Planting	\$13,485.00				
49	1999	Scott River Water Conservation - Irrigation Management	Scott River	Flow study	\$42,796.00				
89	1999	Scott River Watershed Council	Watershed	Coordination Yr 7	\$25,000.00	\$20,000.00			
58 II	1999	Shackleford Creek Restoration Project: A Water Quality	Mill Creek	Fencing					
54	1999	Shackleford Mill Road Erosion Reduction	Shackleford/ Mill	Road reconditioning			\$99,521.00		
56	1999	Shackleford/Mill Road Corridor Improvement	Shackleford/Mill Creek	Bank stabilization		\$33,084.00			
50	1999	South Fork Road Erosion Reduction	South Fork Road	Road reconditioning	\$47,795.00				
83	2000	East Fork Scott River Habitat Improvement	East Fork Scott	Planting, bank stabilization		\$32,915.00			
59 II	2000	Etna Union HS (EUHSD) Watershed Education Program	watershed	Education		\$17,893.00			
47	2000	Fowle Maintenance Project	Scott River / Kenneth Fowle	Bank stabilization, habitat improvement		\$17,216.00			
48	2000	Scott River Diversion Maintenance	Scott River, Kidder Ck & Sugar Ck	Fish screen maintenance		\$3,302.34		\$225.00	
80 II	2000	Scott River Landowner Riparian Restoration II	Meamber Bridge, .4 miles above Meamber bridge, McAdams Creek, Indian Creek	Planting	\$13,669.00				
51 II	2000	Scott River Monitoring Program (1 year of 3)	Scott River	Project monitoring		\$30,050.00			
60	2000	Scott River Riparian Restoration III (3)	Horn Lane Bridge down to the Etna Creek	Planting, bank stabilization, fish screening		\$50,906.00			
99 IV	2000	Scott River Temperature Assessment. Phase IV	Watershed	Water quality		\$16,938.00	\$9,165.00		
89	2000	Scott River Watershed Council	Watershed	Coordination Yr 8	\$34,722.00	\$36,160.00			
73	2001	Etna Road Erosion Inventory	Etna Creek	Erosion study		\$49,224.00			
75	2001	Finley Ranch Enhancement	??	??		\$32,111.00			
78	2001	Mill Creek road Erosion Inventory	Mill Creek	Erosion study		\$77,513.00			
62	2001	Moffett Creek Upland Gross Assessment	Moffet Creek	Erosion study			\$88,505.00		
77	2001	Scott River Enhancement Project	??	??		\$52,067.00			
61 II	2001	Scott River Fish Screening Program II	??	Fish screening		\$77,553.00			
61 III	2001	Scott River Fish Screening Program III (supplemental funds)	??	Fish screening		\$2,580.00			
89	2001	Scott River Watershed Council	Watershed	Coordination Yr 9	\$25,000.00	\$39,336.00			



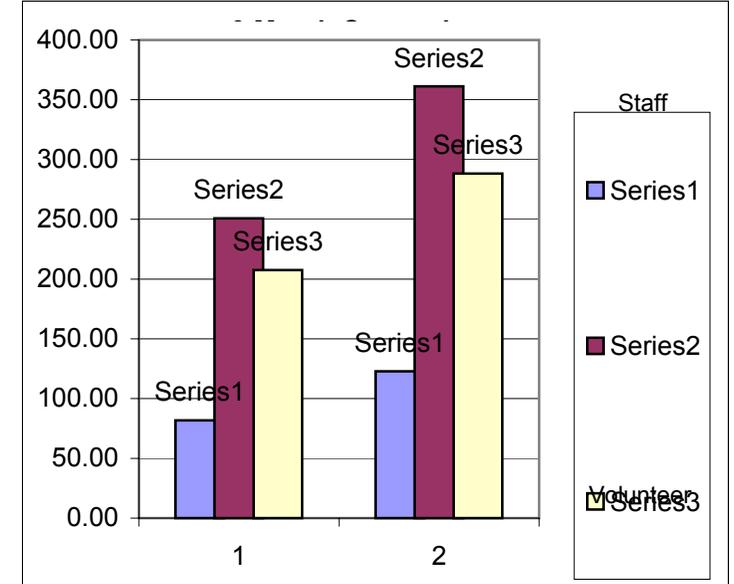
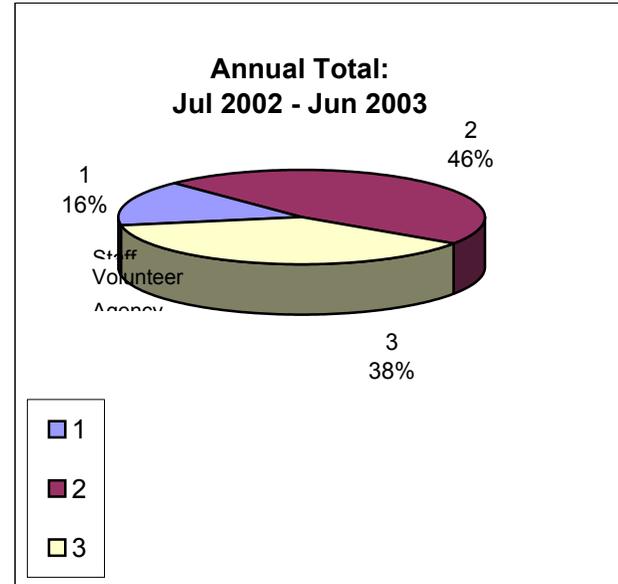
# SCOTT RIVER WATERSHED COUNCIL -- Time Contribution Report

Last Update: 6/30/2003

<b>By Committee:</b>		<b>Executive</b>			<b>Fish</b>			<b>Land</b>			<b>Monitoring</b>			<b>Outreach</b>			<b>Technical</b>			<b>Water</b>			<b>Full Council</b>		
<b>Year</b>	<b>Month</b>	<b>Staff</b>	<b>Vol</b>	<b>Agency</b>	<b>Staff</b>	<b>Vol</b>	<b>Agency</b>	<b>Staff</b>	<b>Vol</b>	<b>Agency</b>	<b>Staff</b>	<b>Vol</b>	<b>Agency</b>	<b>Staff</b>	<b>Vol</b>	<b>Agency</b>	<b>Staff</b>	<b>Vol</b>	<b>Agency</b>	<b>Staff</b>	<b>Vol</b>	<b>Agency</b>	<b>Staff</b>	<b>Vol</b>	<b>Agency</b>
2002	Jul	2.00	12.00		2.00	2.00	4.00	1.00	2.00								2.00	6.00	6.00	7.00	17.00	16.50	11.00	27.50	11.00
2002	Aug	2.00	4.25	4.00		2.50	18.50				2.00	2.00	4.00							0.50	0.50		5.50	24.75	16.50
2002	Sep		5.25		6.00	9.00	12.00			2.00	2.50	7.50	2.50	1.50	4.50				2.00	4.00	6.00	6.00	9.00	6.00	
2002	Oct						24.50		7.00	1.75		13.00	19.50						2.00	8.00	2.00	6.75	11.25	4.50	
2002	Nov	1.25	5.00			7.50	16.50																8.00	24.00	10.00
2002	Dec					4.00	14.00		3.75	1.25	1.75	3.50							5.00	10.00	2.50	4.00	12.00	4.00	
2003	Jan	1.75	8.75			6.00	38.00							6.00	6.00				4.00	10.50	4.00	8.25	35.75	16.50	
2003	Feb		24.00			6.50	28.25				2.25	4.50	6.75	1.75	3.50	1.75			5.00	7.50	2.50	4.5	18.00	3.00	
2003	Mar				3.25	6.50	19.50				3.25	9.75	6.50						3.00	9.00	6.00	4.50	22.50	2.25	
2003	Apr		12.00		7.00	10.50	36.00										5.00	5.00					14.00	34.50	14.00
2003	May				2.00	8.00	4.00	2.50	7.50	5.00				2.00	8.00				4.00	20.00	8.00	2.00	12.00		
2003	Jun					1.75	22.50				1.75	1.75	1.75						2.50	7.50	5.00	8.00	12.00	2.00	
<b>TOTAL</b>		<b>7.00</b>	<b>71.25</b>	<b>4.00</b>	<b>20.25</b>	<b>64.25</b>	<b>237.75</b>	<b>3.50</b>	<b>22.25</b>	<b>8.00</b>	<b>13.50</b>	<b>42.00</b>	<b>41.00</b>	<b>11.25</b>	<b>22.00</b>	<b>1.75</b>	<b>7.00</b>	<b>11.00</b>	<b>6.00</b>	<b>35.00</b>	<b>94.00</b>	<b>52.50</b>	<b>82.50</b>	<b>243.25</b>	<b>89.75</b>

<b>By Month: Montly Meetings:</b>					<b>Quarterly Forum:</b>			<b>Summary of Totals:</b>		
<b>Year</b>	<b>Month</b>	<b>Staff</b>	<b>Vol</b>	<b>Agency</b>	<b>Staff</b>	<b>Vol</b>	<b>Agency</b>	<b>Staff</b>	<b>Vol</b>	<b>Agency</b>
2002	Jul	25.00	66.50	37.50				25.00	66.50	37.50
2002	Aug	10.00	34.00	43.00				10.00	34.00	43.00
2002	Sep	18.00	41.25	26.50				18.00	41.25	26.50
2002	Oct	8.75	39.25	52.25				8.75	39.25	52.25
2002	Nov	9.25	36.50	26.50				9.25	36.50	26.50
2002	Dec	10.75	33.25	21.75				10.75	33.25	21.75
<b>6-mos subtotal</b>		<b>81.75</b>	<b>250.75</b>	<b>207.50</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>81.75</b>	<b>250.75</b>	<b>207.50</b>
2003	Jan	20.00	67.00	58.50				20.00	67.00	58.50
2003	Feb	27.00	64.00	42.25				27.00	64.00	42.25
2003	Mar	14.00	47.75	34.25				14.00	47.75	34.25
2003	Apr	26.00	62.00	50.00	11.00	42.00	55.00	37.00	104.00	105.00
2003	May	12.50	55.50	17.00				12.50	55.50	17.00
2003	Jun	12.25	23.00	31.25				12.25	23.00	31.25
<b>6-mos subtotal</b>		<b>111.75</b>	<b>319.25</b>	<b>233.25</b>	<b>11.00</b>	<b>42.00</b>	<b>55.00</b>	<b>122.75</b>	<b>361.25</b>	<b>288.25</b>
<b>TOTAL</b>		<b>193.50</b>	<b>570.00</b>	<b>440.75</b>	<b>11.00</b>	<b>42.00</b>	<b>55.00</b>	<b>204.50</b>	<b>612.00</b>	<b>495.75</b>

**NOTE: Hours include time spent on associated meetings such as sub-committees, LFA, and TWG attendance.**



# SCOTT RIVER WATERSHED COUNCIL -- Time Contribution Report

Last Update: 10/02/2003

<b>By Committee:</b>		<b>Executive</b>			<b>Fish</b>			<b>Land</b>			<b>Monitoring</b>			<b>Outreach</b>			<b>Technical</b>			<b>Water</b>			<b>Full Council</b>		
<b>Year</b>	<b>Month</b>	<b>Staff</b>	<b>Vol</b>	<b>Agency</b>	<b>Staff</b>	<b>Vol</b>	<b>Agency</b>	<b>Staff</b>	<b>Vol</b>	<b>Agency</b>	<b>Staff</b>	<b>Vol</b>	<b>Agency</b>	<b>Staff</b>	<b>Vol</b>	<b>Agency</b>	<b>Staff</b>	<b>Vol</b>	<b>Agency</b>	<b>Staff</b>	<b>Vol</b>	<b>Agency</b>	<b>Staff</b>	<b>Vol</b>	<b>Agency</b>
2003	Jul								3.00	1.50										14.00	18.00	10.00			
2003	Aug		11.25	2.25	1.25	1.25	3.75							2.25	3.00								6.00	20.00	6.00
2003	Sep		8.75		14.50	6.50	14.50																6.00	10.00	4.00
2003	Oct		24.00		10.00	12.00	12.00				2.00									2.00	4.00	2.00	8.25	19.25	5.50
2003	Nov				16.00	12.00	20.00													4.00	8.00	4.00	6.75	40.50	13.50
2003	Dec																						3.00	4.00	4.00
2004	Jan				16.00	20.00	28.00				2.50	2.50	2.50	4.00	6.00					12.00	24.00	18.00	6.00	28.00	20.00
2004	Feb				16.00	12.00	27.00		3.50			7.00		3.50	3.50		1.25	4.75	1.25	7.00	10.50	3.50	12.00	27.00	3.00
2004	Mar		6.00		3.00	3.00	9.00													4.00	12.00	18.00			
2004	Apr																								
2004	May																								
2004	Jun																								
<b>TOTAL</b>		<b>0.00</b>	<b>50.00</b>	<b>2.25</b>	<b>76.75</b>	<b>66.75</b>	<b>114.25</b>	<b>0.00</b>	<b>11.50</b>	<b>2.50</b>	<b>2.50</b>	<b>11.50</b>	<b>2.50</b>	<b>9.75</b>	<b>12.50</b>	<b>0.00</b>	<b>1.25</b>	<b>4.75</b>	<b>1.25</b>	<b>43.00</b>	<b>76.50</b>	<b>55.50</b>	<b>48.00</b>	<b>148.75</b>	<b>56.00</b>

<b>By Month:</b>		<b>Monthly Meetings:</b>			<b>Quarterly Forum:</b>			<b>Summary of Totals:</b>		
<b>Year</b>	<b>Month</b>	<b>Staff</b>	<b>Vol</b>	<b>Agency</b>	<b>Staff</b>	<b>Vol</b>	<b>Agency</b>	<b>Staff</b>	<b>Vol</b>	<b>Agency</b>
2003	Jul	14.00	21.00	11.50	5.00	40.00	20.00	19.00	61.00	31.50
2003	Aug	7.25	32.50	12.00				7.25	32.50	12.00
2003	Sep	22.75	28.25	18.50				22.75	28.25	18.50
2003	Oct	20.25	61.25	19.50		4.25	34.00	20.25	65.50	53.50
2003	Nov	26.75	65.50	38.50				26.75	65.50	38.50
2003	Dec	3.00	4.00	4.00				3.00	4.00	4.00
<b>6-mos subtotal:</b>		<b>94.00</b>	<b>212.50</b>	<b>104.00</b>	<b>5.00</b>	<b>44.25</b>	<b>54.00</b>	<b>99.00</b>	<b>256.75</b>	<b>158.00</b>
2004	Jan	40.50	80.50	68.50	6.00	30.00	30.00	46.50	110.50	98.50
2004	Feb	54.75	68.25	34.75				54.75	68.25	34.75
2004	Mar	7.00	21.00	27.00				7.00	21.00	27.00
2004	Apr	0.00	0.00	0.00				0.00	0.00	0.00
2004	May	0.00	0.00	0.00				0.00	0.00	0.00
2004	Jun	0.00	0.00	0.00				0.00	0.00	0.00
<b>6-mos subtotal:</b>		<b>102.25</b>	<b>169.75</b>	<b>130.25</b>	<b>6.00</b>	<b>30.00</b>	<b>30.00</b>	<b>108.25</b>	<b>199.75</b>	<b>160.25</b>
<b>TOTAL</b>		<b>196.25</b>	<b>382.25</b>	<b>234.25</b>	<b>11.00</b>	<b>74.25</b>	<b>84.00</b>	<b>207.25</b>	<b>456.50</b>	<b>318.25</b>

**NOTE: Hours include time spent on associated meetings such as sub-committees, LFA, and TWG attendance.**

