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**MISSION STATEMENT**  
**HEALTHY STREAMS THROUGH BRINGING PEOPLE TOGETHER**

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**RIPARIAN  
COORDINATION  
NETWORK**

**ACCOMPLISHMENTS  
FY2001**

(October 2000 - September 2001)

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PREPARED BY  
THE NATIONAL RIPARIAN SERVICE TEAM  
OCTOBER 2001

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USDI, Bureau of Land Management • USDA, Forest Service *In Partnership With* USDA, Natural  
Resources Conservation Service



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## TRAINING AND INFORMATION SHARING

### ***Training Sessions - National Riparian Service Team (NRST) with selected summaries***

#### Field Manager Training (2)

*These sessions are being offered to BLM, FS, and NRCS field office managers for the purpose of increasing awareness and understanding of the interagency strategy for Accelerating Cooperative Riparian Restoration and Management. It is designed to provide a balance of the technical aspects of riparian restoration and management as well as introducing outreach and consensus techniques, addressing the social dimension.*

#### Riparian Vegetation Monitoring (NM, WA)

*This is a continuation of training designed to teach people the riparian vegetation monitoring methods developed by Dr. Alma Winward in his recent document, RMRS-GTR-47.*

#### Water/Road Interaction Workshops (3)

*The NRST serves as part of a national cadre established to provide training to various state and federal agency personnel. This is part of a multi-agency effort to improve road management and maintenance techniques across the country.*

#### NR-20 Stream Restoration Design

*The NRST contributes expertise to this course sponsored by the FS Region 6 Aquatics Program.*

#### OSU Range/Watershed Class and the Watershed Stewards Program

*This effort combines the generosity of a local landowner host with university students and groups of people from urban Portland, for a learning experience designed to strengthen the understanding of managing and making a living from the land.*

#### Portland Metro PFC Training

*There is an increased interest in the improved management of urban riparian areas. This was designed to help state, municipal, and local interests better coordinate and prioritize restoration.*

#### Train the Trainers (UT)

*As new members join the state cadres, the NRST provides training in how to accomplish the goals and objectives of the interagency strategy for Accelerating Cooperative Riparian Restoration.*

#### Riparian/Roads Team Training (FS Regions 8 & 9)

*The NRST participates as part of a national interagency team that teaches the evaluation and management of roads relative to riparian resources.*

#### Riparian Science Workshop (ID)

*People from Federal, State, and local government gathered with landowners in Mackay, Idaho, to learn about the latest science and some of the current requirements relative to management of riparian resources.*

#### FS/Permittee Workshop (AZ)

*Forest Service employees and permittees on the Apache-Sitgreaves NF were introduced to principles and grazing management strategies designed to restore and maintain riparian areas.*

#### Biological Soil Crust Training (NM)

*The NRST participates as part of a national cadre that teaches through the arid west.*

#### Riparian Grazing Training (CA)

*This 3 day session in Scotts Valley, CA, was sponsored by the Siskiyou RC&D in conjunction with local landowners and agency personnel, to help develop alternatives for riparian improvement.*

#### Region 6 Roads/Riparian Training (OR)

#### Rangeland & Riparian Management and Monitoring (NV)

*Assisted UNR Extension and the NV Cadre in teaching a one week course co-sponsored by the ranching community.*

#### Houston and San Antonio PFC

*The newly formed Texas Riparian Association sponsored these 2 sessions as of their first activities relative to outreach and education of riparian resources in the state.*

#### Quivira Coalition, Cibola Services (NM)

*The Quivira Coalition is working to create a pool of people in New Mexico who are trained to do both upland and riparian assessment and monitoring as part of a contract business enterprise to serve land owners and land management agencies.*

#### Cascade-Siskiyou National Monument

*Agency personnel, landowners, and community members requested lentic PFC training along with some riparian grazing concepts as part of their effort to develop a new management plan.*

#### FS Region 9 Training (MN, IL)

*Hosted by the Chippewa and Shawnee NF's, the NRST introduced the interagency strategy for Accelerating Cooperative Riparian Restoration and PFC, the foundation tool, to diverse audiences, in very different geographic settings.*

#### Walla Walla Community PFC (WA)

*This training, sponsored by several local non-profit groups, was offered as a capacity building opportunity stemming from the Consensus Institute, which is part of a larger effort in the Pacific Northwest.*

## ***Training Sessions - State Training Cadres***

### ARIZONA

Camp Verde

### CALIFORNIA

Pardee Reservoir

Davis

Folsom

### COLORADO

Durango

Minturn

Jefferson

Del Norte

Gunnison

### IDAHO

Boise

Dubois

Weippe

### MONTANA

Bozeman

White Sulphur Springs

### NEW MEXICO

Carlsbad

Santa Fe

### NEVADA

Battle Mountain

NEVADA - Range/Riparian Mgmt/Monitoring  
Ely

### OREGON

Vale

Langlois (2)

Klamath Falls

### UTAH

### WASHINGTON

Okanogan

### WYOMING

Rawlins

Eagle Butte, SD

British Columbia  
(see Appendix)

## ***NRST - Briefings, Presentations, and Key Contacts***

OSU Fisheries Class

Agriculture and Water Quality Conference

Forest Service Large Scale Watershed Forum

Oregon Cattlemen's Association

Texas Riparian Association

RangeNet 2000

International Erosion Control Conference

62<sup>nd</sup> Mid-west Fish and Wildlife Conference

Federal Highway Administration Conference

OR/WA TWS/AFS Conference

Center for Water and Environmental Sustainability

Tri-State Shortcourse on Riparian and Sagebrush Ecosystems

Central Oregon Interagency Ecology Program

Klamath Basin Conference

National Conservation Buffer Conference

Washington Department of Ecology

PNW Institute of Journalism and Natural Resources

AFS 2001 Annual Meeting, AFS/SRM Symposium

NWPPC Sub-basin Planning Workshop

Radio Interview for MN Linder Farm Network

## ***State Cadres - Briefings, Presentations, and Key Contacts***

CO Cadre - William Smith High School in Aurora  
CO Cadre - Mesa State College in Grand Junction  
OR Cadre - OR Cattle Women in Klamath Falls  
NM Cadre - The Board of Directors of the Valles Caldera Preserve  
NV Cadre - Riparian Restoration Short Course in San Louis Obispo  
NV Cadre - Nevada SRM in Ely  
NV Cadre - Watershed Management Council in Monterey  
NV Cadre - Nevada Youth Range Camp in Austin  
NV Cadre - Lectures in hydrology, natural resources and restoration ecology at UNR.  
NV Cadre - Pine Valley Watershed group in Eureka County.  
WA Cadre - WA DNR Ag Program training at Clockum

## ***NRST Support to State Training Cadres***

Nevada Cadre Rangeland/Riparian Management Course  
Vale, OR Advanced PFC Training  
South Park, CO PFC Training  
Eagle Butte, SD PFC Training  
Bozeman and White Sulphur Springs, MT PFC Training

## **CONSULTING AND ADVISORY SERVICES**

### ***NRST Service Trips (with selected summaries)***

Hash Rock Fire Review (OR)

*This was a reconnaissance of the burned area in order to provide local managers with recommendations relative to the re-initiation of livestock grazing.*

Blue River Assessment (AZ)

*The Apache-Sitgreaves NF asked the team to do a PFC assessment of the major reaches, identify limiting factors, major impacts, system potential, and offer management recommendations. The Blue River has T&E fish populations, interspersed private land, and a county road.*

Bully Creek Assessment (OR)

*The NRST provided riparian assessment and management principles to local field office personnel and permittees, and gave specific recommendations for development of a monitoring plan.*

## Pine Creek Assessment (OR)

*At the request of the Warm Springs Tribe, the NRST provided training and jointly performed an assessment of Pine Creek as part of the information needed to formulate the management plan. Monitoring and management recommendations were also provided.*

## Payne Ranch Assessment (CA)

*The BLM Ukiah Field Office requested an assessment of this recently acquired property. The team gave a briefing to the various interests prior to doing a PFC assessment of Cache Creek. They provided both the assessment results and management/monitoring recommendations to be included in the draft CRMP. Issues included grazing, recreation, access, noxious weeds, soil erosion, and use of prescribed fire.*

## Blue River Follow-up (AZ)

*The NRST was asked to return to present the findings of their previous trip to an interagency group, followed by a field trip to look at specific sites and discuss management options.*

## Grand Staircase-Escalante National Monument (UT)

*The NRST provided riparian assessment training and visited field sites with monument personnel and members of various user groups. They also assisted the Kanab Field Office personnel by providing a second opinion on existing assessments, resource objectives, as well as current livestock and tamarisk management.*

## Canyonlands National Park (UT)

*Salt Creek has served as a main access route in the park. It is also one of the few riparian areas in the park, important for providing habitat and water related values associated with riparian systems. There is ongoing litigation involving environmental and ORV groups regarding access and the NPS is preparing an EA that will result in a new decision on management. The NRST was asked to assess the impact of vehicle use on riparian function and condition of Salt Creek and provide expert opinion of various access alternatives.*

## Crooked River National Grasslands (OR)

*The NRST participated in a field review for the purpose of visually assessing conditions and providing management recommendations. Specific guidance was given on Pacfish/Infish requirements, including monitoring.*

## Malheur National Forest Monitoring Assistance (OR)

*The NRST provided guidance on monitoring to FS, FWS, NMFS, OSU Extension personnel, and permittees for the purpose of building understanding and developing consistency.*

## Parker Creek Assessment (CA)

*The NRST was asked by the Modoc NF to provide a second opinion relative to the condition of Parker Creek. The CA Cadre assisted with the assessment and in providing an understanding of the system along with management implications, to the diverse interests present.*

## Trout Creek Assessment (ID)

*The Kootenai Tribe of Idaho requested a PFC assessment be completed on Trout Creek, a tributary to the Kootenai River and habitat for listed fish species. The team also provided guidance in linking the results with the bioassessment data in order to create a more complete set of information to prioritize and determine restoration activities. Recommendations were made regarding management strategies and*

*monitoring.*

## Riparian/Roads Team Assistance Trip (CA)

*Manager of the Santa Margarita Coastal Ecological Reserve asked the Riparian/Roads Team to assess riparian condition, determine any negative impact from roads, and establish sites for a road restoration demonstration project.*

## Long Gulch Assessment (CO)

*The CO Division of Wildlife, BLM, permittees, CSU, and conservation groups are working to restore habitat for the Gunnison Sage Grouse, a candidate species for listing. The NRST provided both classroom and field training and provided advice in riparian assessment and monitoring, sagebrush ecosystems, and appropriate restoration treatments.*

## Sulphur Creek (CA)

*The Sacramento Watersheds Action Group and the Sulphur Cr CRMP group requested advice on the design of a channel restoration project on a salmonid stream which runs through the city arboretum. The CA Cadre is also working with them to help build public understanding and support for the project. Future assistance will include contribution for interpretive displays.*

## Sawtooth National Recreation Area (ID)

*Provided Sawtooth NRA personnel with an assessment and interpretation of riparian recovery processes following previous management changes and restoration activities.*

## Lost Creek Restoration Assessment (OR)

*As follow-up to a riparian condition assessment, the NRST is providing input to the development of a restoration plan and subsequent projects to be implemented by TNC on the Juniper Hills Preserve.*

## Weisenhunt Ranch/Franks Creek (OR)

## Watershed Council Facilitation (3)

## **Ongoing Participation**

Oregon Governor Kitzhaber's Independent Multi-disciplinary Science Team  
PACFISH Monitoring Team  
FS/BLM Grazing Implementation Monitoring Module Team  
Consensus Institute, Sustainable Communities Steering Committee (WSU)  
CWAP Regional Roundtables  
Society for Range Management Riparian & Watershed Committee  
San Dimas Technology and Development Center (tech transfer)  
Forest Service Riparian/Roads Core Team  
Forest Service Water Strategy Group  
OSU Water Temperature Research Advisory Committee  
High Desert Museum  
WA State DOT Soil Bioengineering Site Inspections and Video Development  
Development of a Bio-analog  
Development of TR-19 Riparian/Wetland Soils

## ***General Advice & Document Reviews***

BLM 4180 Land Health Standards Review  
FS National Range Soil and Water Conservation Practices  
Burnt River Assessment Report  
Ashley NF Riparian Utilization Standards  
NRCS Visual Assessment  
Western Federal Lands Highway Division - Blain Road Project  
Taking Wing Strategy Direction  
Range Environmental Assessment Program Proposal  
Riparian Scorecards  
Riparian Dependent Species

## ***State Cadres Service Trips***

CA Cadre - Combined with NRST to accomodate request for third party evaluation of Parker Creek on the Modoc National Forest.

CA Cadre - Assisted NRST in teaching Riparian Grazing Management in Scott's Valley.

ID Cadre - Review of riparian revegetation possibilities on TNC Silver Creek Preserve.

MT Cadre - Provided riparian monitoring and inventory training as part of the session sponsored by the MT Riparian-Wetland Association held at Lubrecht Station.

NV Cadre - Following a PFC assessment and identification of management problems on the Cottonwood Ranch near Elko, the cadre wrote management objectives for the at-risk reaches, and collected baseline monitoring using Al Winward's riparian monitoring protocols.

NV Cadre - Assisted BLM personnel from the Tonopah Field Station in PFC assessment on Twin Springs slough in the Reveille Allotment.

NM Cadre - Hosted the Riparian Veg Monitoring training by Al Winward at La Cueva. Assisted the NRST in the Los Alamos training sponsored by the Quivira Coalition.

# PROGRAM REVIEW AND COORDINATION

## ***Program Review***

### Vale BLM Assessment and Monitoring Assistance (OR)

*This was a follow-up assistance trip to examine field interpretations and procedures for the purpose of making necessary adjustments or refinements.*

### Red Creek Allotment Review (WY)

*BLM asked for participation in an interagency field review to provide recovery interpretation and future management options.*

## ***Program Coordination***

*Riparian Coordination Workshop...designed for the purpose of describing the situation and developing specific actions toward strengthening and expanding the interagency strategy for Accelerating Cooperative Riparian Restoration and Management.*

*NRST/Cadre Conference Calls...to assess individual cadre needs, develop action items, and share information and ideas for the purpose of ensuring each cadre is operating effectively.*

*Program Evaluation...OMB approval received for implementing a large scale evaluation of the interagency strategy for Accelerating Cooperative Riparian Restoration. The mail survey was sent to a randomly selected sample and the interview portion has been initiated. The information gathered will be used to ascertain a measure of customer satisfaction and program effectiveness.*

*Program Coordination...program coordination/administration meetings with BLM, FS, and NRCS key staff.*

## Appendix A

### British Columbia Cadre

#### Photo Point Monitoring Training

Resort Municipality of Whistler...2 day course to staff, Stream Stewardship members, local citizens, District of Surrey staff; Ministry of Environment staff.

District of Saanich staff...2 half day course to municipal staff, Stream Stewardship staff; Stream Stewardship funding agency staff.

*(Both municipalities have formally adopted PPM as a standard landscape monitoring method. Completed design and construction of new aluminum meter boards (1 and 2 meter extension). Jigs and templates for future production complete.)*

#### Proper Functioning Condition Assessment Training

One day course...to local Ministry of Forests and Environment staff; local ranchers; City of Cranbrook staff; Forest Company staff. (July, 2001)

Evening public lecture...on Watershed Management Planning and Operation using PFC as the management focus; broad public cross-section.

Two day public school curriculum development...PFC for high school and elementary school children, field trip to PFC and Non-PFC streams.

Half day course...on PFC in urban watersheds; municipal, provincial and federal staff; slide show.

Numerous field trips...to urban stream restoration projects in Victoria; profile use of PFC as basis of restoration criteria.

Stream restoration works and watershed management planning processes using PFC as the basis...(1) Hobbs Creek Watershed, [watershed management plan; stream channel restoration, floodplain restoration, wetland and pond design and construction], (2) Swan Creek [storm water management & creek restoration], (3) Gabo Creek [storm water management & creek restoration], (4) Blenkinsop Creek [stream realignment & relocation and riparian/floodplain restoration], (5) Craigflower Creek [storm water management & wetland construction], (6) Craigflower Creek [golf course design, wetland design, water quality management, stream restoration, watershed management planning], (7) Colquitz Creek [sewer crossing & riparian/floodplain restoration], (8) Viaduct Creek [storm water management & creek & wetland restoration], (9) Gold Creek and Joseph Creek [watershed management planning, stream & wetland restoration, riparian planting and floodplain construction], (10) Mark Creek [watershed management planning], (11) Joseph Creek [storm water management & creek restoration], (12) Wolf Creek [watershed management planning], (13) Quamichan Lake [sub-division development, storm water management planning and lake shore preservation and restoration], (14) Quick's Bottom Wetlands [stream channel and wetland restoration, watershed management planning], (15) Gorge Waterway [marine foreshore application of root wads as erosion prevention technique; study ongoing; to replace rock rip-rap], (16) Colquitz River [channel structures and riparian restoration].

Green Building & Site design...(Vancouver Island Technology Park) based upon integrating large commercial restoration program into watershed restoration and management program. Site has been selected for Leadership in Environmental and Energy Design (LEED) Certification. Program of Storm Water Management, based upon PFC, focused on eliminating or reducing constraints to enhance PFC of on-site wetlands and adjacent streams and ponds. One example is the use of grassed and graveled parking lot surfaces to reduce flashy hydrograph and reduce erosion. Restoration of receiving habitat's Functional Condition was another design criterion. The high technology centre will be the focus of education and training in Smart Municipal Development using PFC as the basis for watershed management and planning.