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**U.S. Department of the Interior**  
Bureau of Land Management

Lakeview District Office  
1000 Ninth Street South  
Lakeview, Oregon 97630

March 1994



# Lakeview District Planning and Range Program Summary Update

Lakeview Resource Area  
Klamath Falls Resource Area



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Lake Abert as viewed from Abert Rim Wilderness Study Area, Lake County, Oregon



As the Nation's principal conservation agency, the Department of the Interior has responsibility for most of our nationally owned public lands and natural resources. This includes fostering the wisest use of our land and water resources, protecting our fish and wildlife, preserving the environmental and cultural values of our national parks and historical places, and providing for the enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to assure that their development is in the best interest of all our people. The Department also has a major responsibility for American Indian reservation communities and for people who live in Island Territories under U.S. administration.

**BLM/OR/WA/PL-94-10-1792**

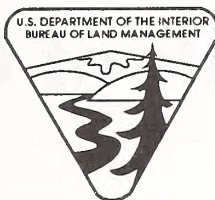


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March 1994



# Planning Update

## Introduction -

This planning update is part of the Bureau of Land Management's continuing commitment to keep the public informed and involved in the day-to-day management of the public lands in eastern Oregon. It is our hope that the update will help you understand land management decisions and proposals involving the BLM's Lakeview District, which is comprised of the Lakeview and Klamath Falls Resource Areas.

This report is not intended to be a comprehensive statement of all of the activities which were completed or are in progress, but rather a summary report.

## What You Can Find In This Document

*Updates like this one will be developed annually. While a flexible format will be maintained, major sections similar to those described below will be included in each edition.*

**Feature Report:** Reports in this section highlight topics of concern or interest in the Lakeview Resource Area (A proposal to designate Lake Abert as an ACEC) and the Klamath Falls Resource Area.

**Summary of Work:** This section identifies the Lakeview and Klamath Falls Resource Areas' fiscal year 93 accomplishments. Also included in each section is the proposed work plan for fiscal year 94.

**Rangeland Program Summary:** This section updates the Lakeview and Klamath Falls Resource Area's Rangeland Program Summary (RPS).

**Environmental Assessment Register:** Listed in this section are those environmental assessments (EAs) started or completed in fiscal year 1994. This section is included to improve public participation in the process used to analyze potential impacts of actions on-the-ground.

*This mailer should bring you up-to-date with activities completed, planned, or in progress in both resource areas of the Lakeview District. Any comments regarding the format or content of the mailer should be sent to: Bureau of Land Management, ATTN: Planning and Environmental Coordinator, Lakeview District, P.O. Box 151, Lakeview, OR 97630.*



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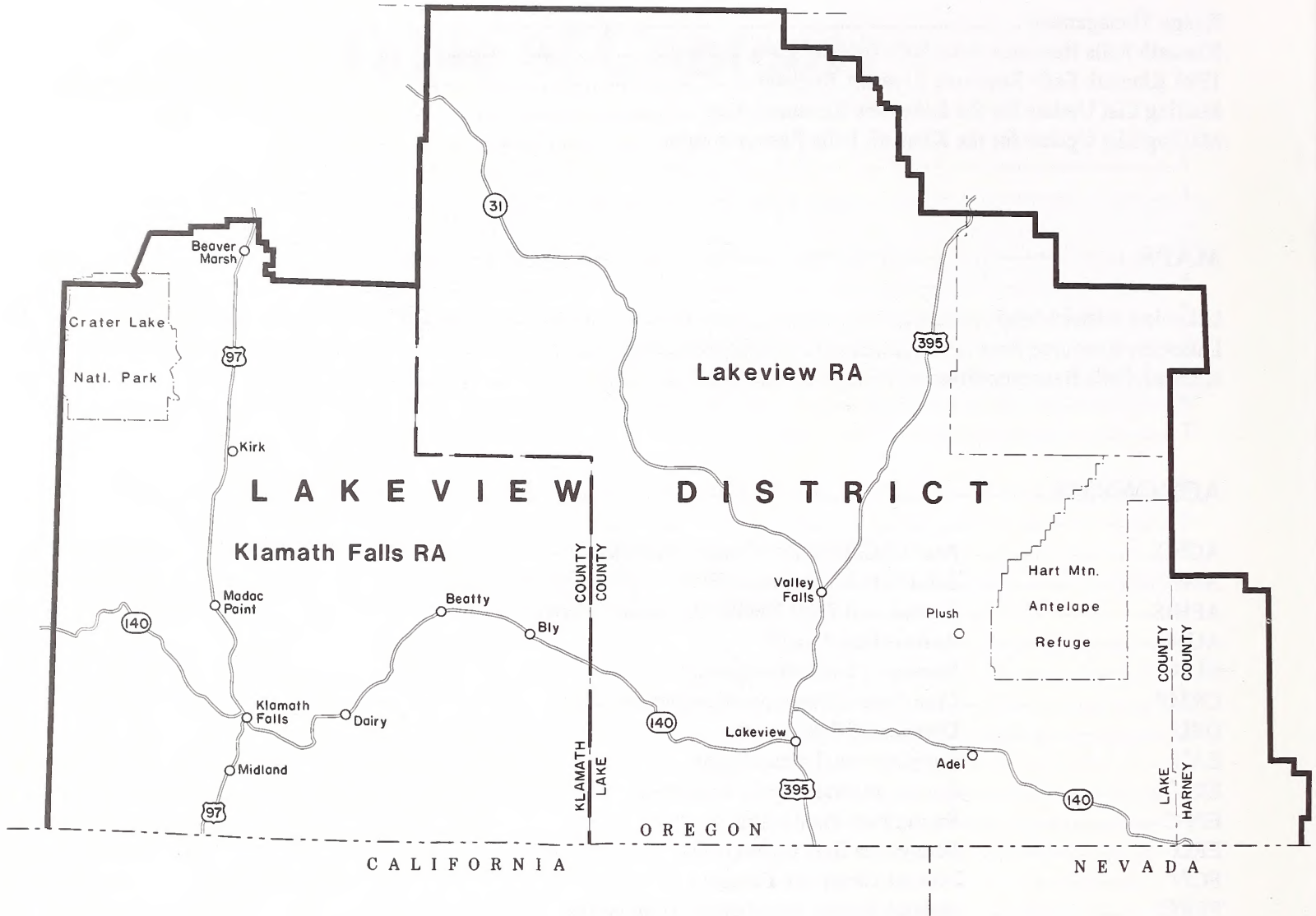
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## ACRONYMS

ACEC	Area of Critical Environmental Concern
AMP	Allotment Management Plan
APHIS	Animal and Plant Health Inspection Service
AUM	Animal Unit Month
BLM	Bureau of Land Management
CRMP	Coordinated Resource Management Plan
DSL	Division of State Lands
EA	Environmental Assessment
EIS	Environmental Impact Statement
EPPC	Exotic Pest Plant Council
ERO	Ecosystem Restoration office
FC2	Federal Candidate Category 2
FERC	Federal Energy Regulatory Commission
FLPMA	Federal Land Policy and Management Act
FY	Fiscal Year
HMA	Herd Management Area
HMP	Habitat Management Plan
IMP	Interim Management Plan
ISTEA	Intermodal Surface Transportation Efficiency Act
KFRA	Klamath Falls Resource Area
MFP	Management Framework Plan
MOU	Memorandum of Understanding
NAWCA	North American Wetlands Conservation Council
NEPA	National Environmental Policy Act
NWR	National Wildlife Refuge
ODA	Oregon Department of Agriculture
ODFW	Oregon Department of Fish and Wildlife
RMP	Resource Management Plan
RNA	Research Natural Area
ROD	Record of Decision
RPS	Rangeland Program Summary
TNC	The Nature Conservancy
WMA	Wetlands Management Area
WRWT	Wood River Wetland Team
WSA	Wilderness Study Area

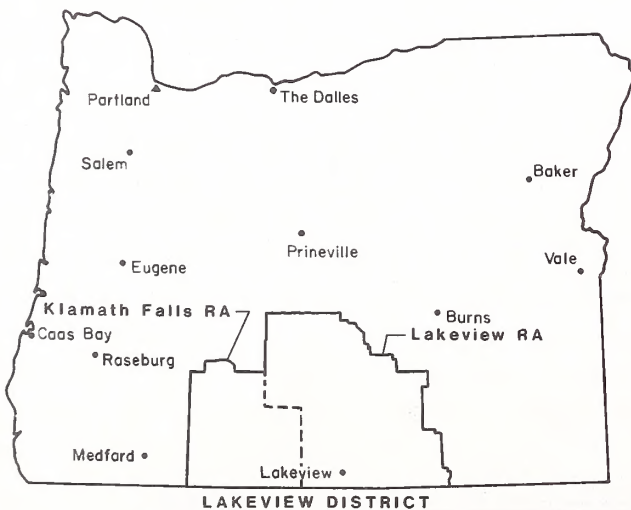




U.S. DEPARTMENT OF THE INTERIOR  
Bureau of Land Management

LAKEVIEW DISTRICT

1994



General Location Map

MAP 1





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# Lakeview District

The Lakeview District boundary of the Bureau of Land Management encompasses approximately 3.5 million acres in Klamath, Lake, and part of Harney counties in southeastern Oregon. The district is divided into two resource areas: Klamath Falls Resource Area and Lakeview Resource Area. The two resource areas differ somewhat in the types of management activities that occur due to the differences in the types of major resources present. The following programs are managed on a district-wide basis: law enforcement, minerals, hazardous materials, and volunteers. In the following section, a district-wide summary is discussed, followed by 1993 program accomplishments and worked planned for 1994.

## District Volunteer Activities in 1993

Wildlife enhancement and recreational use sites headlined the Lakeview District's 1993 Volunteer Program. The volunteer program allows the BLM to accomplish some of its goals with a limited budget. In 1993 volunteers contributed approximately 10,000 hours of service, which is equivalent to more than \$100,000 of work in the Klamath Falls Resource Area alone. Obviously, this is a significant contribution to the BLM's ability to carry out its mission. Last year volunteers from the Student Conservation Association helped the staff wildlife biologists inventory and monitor northern spotted owl habitat. Community volunteers also helped out by working as camp hosts, general office assistance, in recreation trail maintenance, and other small projects. Also, each year archaeological field schools helps inventory, monitor, and protect the cultural resources. The following are just a sampling of the individual and group volunteer projects completed in the Lakeview District. If you are interested in volunteering some of your effort and time for future projects, please contact Lisa Swinney at 503-947-6117.

- \* Installed 200 feet of split rail fence along road at Lost Forest area.
- \* A cooperative effort among the University of Nevada-Reno, the University of Oregon, and the South Dakota School of Mines in their field school programs conducted mapping, testing, and evaluations on archaeological sites.
- \* A viewing blind and trail were built around the Warner Wetlands' Hart Bar area to increase public viewing opportunities.
- \* During June there was a general clean up and securing of launch site materials at the Doherty Slide launch used for hang gliding.
- \* Also in June, the Gerber Reservoir boat ramp sign was installed and the site dedicated.

- \* Two toilets and changing rooms were built at the Klamath River rafting put-in. Constructed loop drive, parking area, and rafting boat launch.
- \* A fish trail platform, approximately 12' x 15', was built over a portion of the Klamath River at the Topsy Campground; signs were installed; refinished existing picnic tables; and cleaned fire pits of ash, cans and glass.
- \* A traffic barrier was constructed using volunteers at Lost Forest. A volunteer helped construct and maintain facilities at Lost Forest during the 1993 Summer.

## Planned District Volunteer Activities in 1994

- \* Continue to construct trails for birdwatchers at the Warner Wetlands. Some trails will be accessible for disabled visitors.
- \* Construct trails at Crack-in-the-Ground area.
- \* Construct an overlook at Deep Creek to increase viewing opportunities.
- \* Replace vandalized signs at Christmas Valley.
- \* Assist specialists in office work.

There are many opportunities for individuals or groups to volunteer time, experience, and labor. In 1994, the Klamath Falls Resource Area is again looking for volunteers to assist our staff. If you have time, energy, experience, enthusiasm, or interest we can use your help. Some examples of the types of help we are looking for include the following: camp hosts for various recreation sites, general office assistance, wildlife habitat monitoring, an archaeological site registrar, or engineering assistance. There are many other possibilities depending on your



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specific interests, experience, or desires. If you are interested in any of the projects above, or have ideas for other projects in the Klamath Falls Resource Area, contact volunteer coordinator, Scott Senter at 503-883-6916.

## RAP Camp

Resources and People (RAP) Camp is a joint effort by the Forest Service and the BLM to educate high school students about natural resource management. The camp was held for the second time at Camp Cottonwood and the Oregon Institute of Technology in July of 1993. The camp is designed for high school students aged 15 to 17. Its goal is to educate students about natural resource management, provide college and career counseling, and promote cultural diversity awareness.

Last year there were a number of field trips and classroom presentations and then the students developed a land management plan based on those sessions. Something new last year was the expanded opportunity for teachers to learn more about natural resource management. Students from all over Oregon and northern California attended.

The RAP camp will be held for the third time this year. Its goals for this year include (1) educating students about natural resource management, (2) provide information on career opportunities in natural resources and related fields, (3) encourage students to stay in school and consider higher education, (4) provide teachers the opportunity to develop classroom curriculum on natural resources, and (5) to provide students with the same diverse experience they will find in their future workplace. The camp is tentatively scheduled for July 10-17, 1994. If you are interested in more information or wish to volunteer you should contact Robert Lund at 503-947-6158 (BLM Lakeview District Office) or Shirley Kerns at 503-883-6716 (Winema National Forest).

## Hazardous Materials Management

Protecting public health and safety and the environment is the priority of the hazardous materials management program. A major part of the program is the investigation and cleanup of public land sites contaminated with hazardous materials in conformance with federal and state laws. For further information contact Jim Peterson at 503-947-6109.

## '93 Program Accomplishments

- \* Conducted Level I hazardous material review for approximately 2,000 acres of public land that was put up for sale and/or exchange by the Lakeview Resource Area.
- \* Coordinated with Oregon Department of Environmental Quality at Alkali Lake on drilling of new monitoring wells, vegetation collection samples, and the securing of the site via erection of a fence enclosure.
- \* Continued inventoring of BLM-administered lands in the Lakeview District for unauthorized dumping of hazardous and toxic materials. Three household sites were discovered and are currently pending clean up; no hazardous or toxic materials were located.
- \* Continued inventory of existing homestead well sites in the Ft. Rock area - 14 additional wells were located with four sites encased in cement.
- \* Emergency clean up at a Summer Lakes site due to a small unidentified burn area.
- \* Responded to reported dumping of hazardous materials on public land in the Klamath Falls Resource Area. Substances were identified as non-hazardous and removed for proper disposal.

## '94 Program Plans

With an anticipated reduction in funds, the hazardous material program is prioritizing tasks and using all levels of expertise to continue ongoing studies will respond to any reports of unknown material found on the public land.

## Law Enforcement

The District Ranger divides his patrol and investigation time between the Lakeview and Klamath Falls Resource Areas. The major emphasis has been, and will continue to be, the coordination of efforts with local law enforcement agencies, the prevention of cultural and archaeological resource destruction, protection of special forest products, and theft and destruction of public property. For further information contact Mark Cooper at 503-947-6138.



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## '93 Program Accomplishments

- \* Participated in an multi-agency anti-vandalism task force patrols in Lake County.
- \* Participated in a multi-agency, ARPA (Archaeological Resources Protection Act of 1979) Task Force in Lakeview District, coordinated by BLM Special Agents.
- \* Assisted Oregon State Office Special Agents serve arrest-search warrants in Lake County based on an undercover operation carried out by BLM Special Agents.
- \* Participated in a joint law enforcement effort with Klamath County Sheriff's office to increase patrols and place a special emphasis on reducing law enforcements incidents at Topsy Campground, and the Klamath River put-in sites.
- \* Negotiated contract with "Klamath County 911" dispatch to provide law enforcement dispatching and after hours emergency radio contact for BLM employees.

## '94 Program Plans

- \* Update and complete the Lakeview District Law Enforcement Plan.
- \* Reinstate Law Enforcement Agreement with Lake County, with special emphasis on anti-vandalism patrols in North Lake County.
- \* Participate in multi-agency, anti-vandalism task force assignment at various locations in Lake and Klamath County, coordinated by the Oregon State Police.
- \* Assist Oregon State Police to enforce wildlife closure areas in the Lakeview and Klamath Falls Resource Areas.
- \* Participate in multi-agency task force assignments in Lake and Klamath County pertaining to forest products and cultural resources protection.
- \* Coordinate special law enforcement patrols of Topsy Campground by Klamath County Sheriff's Office.
- \* Coordinate special law enforcement patrols of Sand Dunes-Lost Forest by Lake County Sheriff's Office.

## Minerals

The Lakeview and Klamath Falls Resource Areas minerals program focuses on administration of mining claims, mainly for sunstones; leasable minerals such as sodium and geothermal resources; and saleable minerals, such as sand and gravel on public lands. For further information contact Dennis Simontacchi at 503-947-6160.

## '93 Program Accomplishments

- \* Mineral potential examinations and reports were completed in FY93 for the Wood River Ranch acquisition, the Fort Rock/Christmas Valley and Naylox Mountain proposed public sales, and the proposed Lynch Brothers/BLM exchange.
- \* Lakeview District minerals work on the Winema and Fremont National Forests included leasable mineral evaluations for four proposed exchanges. Geological assessments for three wild and scenic river studies on the Fremont National Forest were also completed.
- \* Thirty-two mining claim notices were received and acknowledged. One mining plan of operations was also approved. Forty-four compliance examinations were conducted.
- \* Final compliance on the Lake Abert Sodium Prospecting Permit applications was completed, and preference right lease applications were filed.
- \* A total of 1,600 cubic yards of sand, gravel, and other rock was produced from 12 sales. Seventeen compliance examinations were conducted.

## '94 Program Plans

- \* Mineral potential reports are anticipated for three land exchanges. In addition, it is projected that geological assessments will be done on at least three wild and scenic river studies.
- \* The mining claim notice and plan activity level is expected to increase. Mineral material disposals are expected to remain about the same.
- \* An excess acreage determination and an economic analysis of the Lake Abert Sodium Lease applications, and minerals input for the Abert Proposed ACEC, are scheduled for FY94.

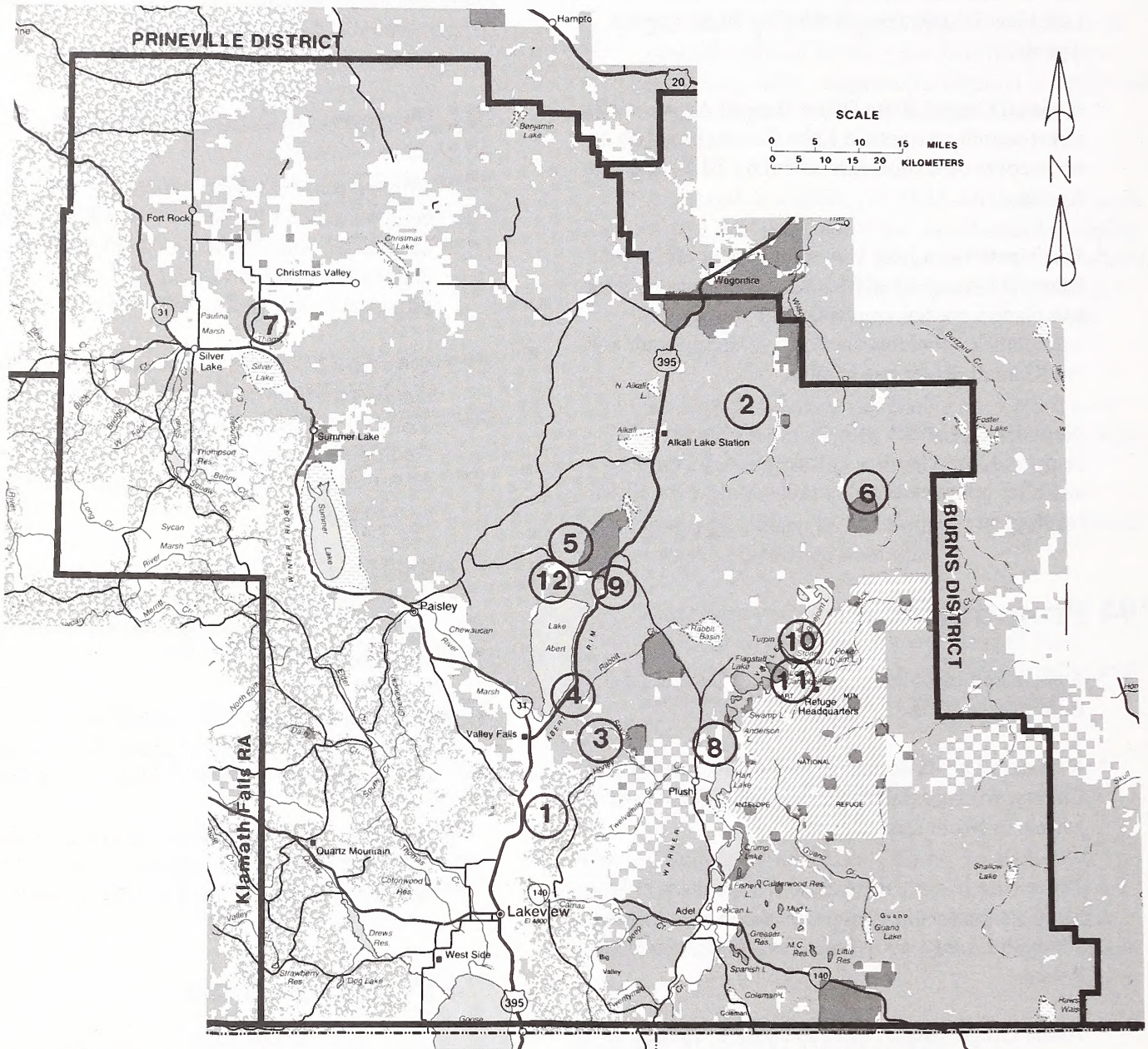


LAKEVIEW DISTRICT

LAKEVIEW RA FY94 PROJECT EA LOCATIONS

March 1994

MAP 2



LEGEND

- ① PROPOSED EA
- RA BOUNDARY
- BLM LAND
- ▨ USFS LAND
- ▧ OTHER FEDERAL LAND
- STATE LAND
- PRIVATE LAND

- 1 Loveless Timber Sale
- 2 Dry Valley Pipeline
- 3 Colvin Riparian Pasture Fence
- 4 Abert Watchable Wildlife Site
- 5 South Poverty Range Improvements
- 6 Orejana Canyon WSA Guzzlers
- 7 North Lake School R.O.W.
- 8 Lynch Brothers Land Exchange
- 9 Highway Well Reststop
- 10 Campbell Lake Campground
- 11 Warner Overlook
- 12 XL Spring Pipeline



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# LAKEVIEW RESOURCE AREA

## Introduction

The Lakeview Resource Area consists of approximately 3.1 million acres of BLM-administered land in Lake and Harney counties (see map on page 8). This section contains information on the proposed Lake Abert Area of Critical Environmental Concern (ACEC), program summaries, accomplishments for fiscal year (FY) 1993, worked planned for FY94, a 1994 environmental assessment register, and Rangeland Program Summary update. A mailing list update is included on page 47.

## Proposal to Designate Lake Abert as an Area of Critical Environmental Concern (ACEC)

The Lakeview District has initiated work on an amendment to the High Desert Management Framework Plan which will address the proposed designation of the Lake Abert area as an Area of Critical Environmental Concern (ACEC). The proposed planning area is located approximately three miles northeast of Valley Falls in Lake County, Oregon (see map on page 8) within the Lakeview Resource Area (formerly called the High Desert Resource Area) and consists of Lake Abert and the surrounding area.

Lake Abert is the largest land-locked saline lake in the Pacific Northwest (see cover photo). It receives approximately 90 percent of its water inflow from the Chewaucan River to the west. It contains large populations of brine shrimp and alkali flies which make it a very attractive resting and foraging area for waterfowl and shorebirds. Adjacent upland habitats consist of open, desert shrub/grassland communities, some of which are subject to grazing. The general area provides habitat for fourteen special status wildlife species. The area contains numerous prehistoric cultural sites. Abert Rim Wilderness Study Area (WSA) is located along the eastern edge of Lake Abert and is comprised of a steep fault scarp that rises over 2,000 feet above the lake.

Section 202 of the Federal Land Management Policy Act states, "in the development of land use plans, the Secretary

shall give priority to the designation and protection of Areas of Critical Environmental Concern". BLM regulations define an ACEC as an area "within the public lands where special management attention is required (when such areas are developed or used or where no development is required) to protect and prevent irreparable damage to important historic, cultural, or scenic values, fish and wildlife resources, or other natural systems or processes, or to protect life and safety from natural hazards".

Land use management activities and decisions for the resource area, containing the study area, were developed and presented in the High Desert Resource Area Management Framework Plan (MFP) completed in 1983. However, this MFP did not evaluate the area as a potential ACEC at that time. The area was nominated for ACEC designation by the Oregon Waterfowl and Wetlands Association and the Oregon Department of Fish and Wildlife in August of 1992. In response, the Lakeview District evaluated the area as a potential ACEC and found it met the relevance and importance criteria for four resource values (prehistoric cultural values, scenic values, wildlife values, and natural processes). In order for an area to qualify as an ACEC it only needs to meet the criteria for one resource value.

The BLM has since initiated the scoping process for the plan amendment/NEPA process. A scoping document was prepared and made available to the public on January 7, 1994. The document identified preliminary management goals, objectives, and alternatives and invited public comment. The public comment period on the scoping document ended on February 23, 1994. At the end of the plan amendment process, the District Manager shall issue a public notice of the final decision made by the State Director.

A tentative schedule for completing major steps remaining in the plan amendment/NEPA process is given below.

Establish working group	March 1994
Working group meetings	April-August 1994
Special notice published in Federal Register and proposed plan amendment/NEPA document to public for 60-day review.	August 1994
Public meeting(s)	September 1994



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Final plan amendment/NEPA document to public for review (should substantive comments be received, public protest filed, or Governor objections require major revisions of the proposed plan amendment/NEPA document. February 1995

Public notice of signing of the decision document. March 1995

Implement the proposed plan March 1995

In the interest of getting the public, other agencies, and native American tribes more involved in the planning process, two public scoping meetings were held recently in Lakeview and Bend. The BLM is in the process of forming a working group composed of representatives of a wide variety of public/agency interests to aid in formulating management goals, objectives, and alternatives for the area which best meet the future needs of the resources and the public. Those interested in serving on the working group or desiring more information on the proposal should contact Paul Whitman at 503-947-6110.

## Warner Lakes Proposed Plan Amendment for Juniper Management

The proposed plan amendment covers juniper removal for the purpose of watershed improvement in selected portions

(approximately 13,000 acres) of the Lakeview Resource Area including Deep, Camas, and Twelvemile Creek Canyons and areas within view of Highway 140. The planning area includes approximately 500 acres in Washoe County, Nevada, and 10 acres in Modoc County, California.

The formal planning process began with the issuance of a public scoping document in December 1992 which invited public comments on the proposal. A public meeting was held in January 1993 to solicit public comments. The Draft Plan Amendment/EA was issued to the public for a 45-day review period in June 1993. A field tour and public meeting were held during the review period. Eight individuals/organizations provided written comments on the draft report. Notices of Availability of the Proposed Plan Amendment/EA were published in the Federal Register and several local newspapers in December of 1993. A 30-day comment/protest period closed on January 28, 1994. The proposal was protested by the Oregon Natural Resources Council (ONRC). Following resolution of the protest, the Decision Record will be signed. The first on-the-ground implementation of the proposal will not be until FY95.

To obtain additional information on the proposed plan or to get a copy of the document, contact Alan Munhall at 503-947-2177.



Western Juniper (*Juniperus occidentalis*)



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# Program Summaries and Accomplishments for FY'93 & Work Planned for FY'94

This section of the Planning Update provides a general overview of the Lakeview Resource Area's natural resource programs. Program descriptions are followed by the major accomplishments from FY93 (October 1, 1992 through September 30, 1993). A listing of the program plans for FY94 is included, although it is possible that some of the proposed plans will not be completed due to budget constraints.

## Botany

The botany program ensures that special plant habitats are protected in the operation of the BLM's multiple use programs. This is achieved by conducting plant surveys on public lands, monitoring population trends of sensitive species and developing habitat management plans to ensure protection of sensitive species. For further information on this program contact Lucile Housely at 503-947-6131.

### '93 Program Accomplishments

- \* Clearances for one timber sale, one prescribed fire.

### '94 Program Plans

- \* Identify management and monitoring objectives for *Gratiola heterosepala* and add them to the Round Mountain Area Management Plan.
- \* Identify management and monitoring objectives for *Eriogonum crosbyae* (FC2), at Fish Fin Rim and Guano Creek. Objectives will be added to the Beaty Butte AMP when it is prepared (scheduled for FY94).
- \* Continue established monitoring study for *Ivesia rhypara* var. *rhypara*. Summarize data from previous years. Identify objectives to be added to the Beaty Butte AMP when it is prepared (currently scheduled for FY94).
- \* Continue established quadrant frequency monitoring study for *Rorippa columbiae* at Foley Lake. Summarize data from previous years. Identify management and monitoring objectives to be added to the Coyote-Colvin AMP.

- \* Continue established monitoring study for *Eriogonum prociduum*. Summarize data from previous years. Evaluate data to determine future needs.
- \* Inventory 10,000 acres of the Orijana Rim Allotment in preparation for allotment evaluation. Emphasis will be placed on canyon areas such as Dudes, Rose Brier, and Buckhorn, as well as areas of barren soil which have high potential for supporting populations of special status plants.
- \* Inventory of sensitive plant species for site-specific project clearances (as needed).
- \* Formal and informal meetings regarding cultural plants and habitat use with Klamath, Warm Springs, Ft. Bidwell, and Burns Paiute Indian Tribes.
- \* Continue monitoring of federally listed candidate and other sensitive plant species.
- \* Analysis of Warner Wetland vegetation data using Cornell Ecology Program for community classification.

## Cultural/Paleontological Resources

The Lakeview Resource Area's Cultural and Paleontological programs identify, plan the appropriate use of, and manage cultural and paleontological resources on public land. These programs must comply with federal and state law governing preservation as well as the principles of multiple use. The programs strive to protect these resources for scientific and research purposes, as well as for future generations. For further information contact Bill Cannon at 503-947-6111.



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## '93 Program Accomplishments

In FY93 the BLM participated in five archaeological field schools as part of the Challenge Cost Share Program.

- \* The University of Oregon concentrated on the Oil Dri mining operations in the Christmas Valley area. In addition, work was done in the upland of Squaw Lake and on private property in the area. The work on Oil Dri was aimed at the archaeological testing of six sites which may be impacted by future mining so that the BLM can determine what salvage will be required. Costs for the project was jointly shared by the BLM, Oil Dri, and the University.
- \* The South Dakota School of Mines conducted a paleontological field school in the Fossil Lake area. The work was designed to recover exposed fossils and to continue to interpret the geology of the area. Dating of the deposits was a high priority for the year, and should result in one or two publications.
- \* Pomona College, in conjunction with Earthwatch, conducted three, two-week archaeology sessions in the Klamath River Canyon.
- \* The University of Nevada, Reno conducted a three-week rock art field school in the Hill Camp Area in the Lakeview Resource Area.
- \* Portland State University conducted a rock art field school in the Long Lake area in the Lakeview Resource Area.
- \* Coordination with the Klamath Tribe and Shasta Nation has occurred on activities in the district.
- \* A two-week training program for local and regional teachers was conducted by the BLM and University of Nevada, Reno.
- \* Public awareness sessions were conducted at the High Desert Museum in Bend on the archaeology of the Great Basin and in Lakeview on the archaeology of the Warner Valley.

## '94 Program Plans

In FY94 the BLM anticipates participating in five archaeological field school programs as follows:

- \* University of Nevada, Reno: Survey and test excavations will be conducted in the Warner Valley area. The field school activities will assist in

developing important information on the life-ways of the aboriginal peoples of the Warner Lakes ACEC and surrounding areas.

- \* University of Oregon: Survey and test excavations will be performed throughout the summer in the Fort Rock/Silver Lake area with site locations mapped.
- \* South Dakota School of Mines: Jim Martin will conduct a paleontological field school in the Fossil Lake area in the summer of 1994.
- \* Portland State University: For the second year, a three-week rock art field school will be conducted. Work will be concentrated in the Warner Valley area of the Lakeview Resource Area.

The cost to the District for the five field schools (one of which is in the Klamath Falls Resource Area) is estimated to be \$40,000, with the accomplished work valued in excess of \$250,000, making the program beneficial to all participants.

Although not funded in FY94, archaeological training for public school teachers will continue to the extent possible. This will be the third year of the program that has resulted in over 20 teachers receiving hands-on training in archaeological survey, excavation, lab work, ethnography, and interaction with living Indian Peoples.

## Fire/Aviation

The BLM's fire and aviation programs are important support programs. Fire management has two major focus programs, suppressing wild fires and conducting prescribed burns to benefit wildlife and range management (as well as other programs). The aviation program supports various activities including firefighting, and wild horse and wildlife census surveys. For further information on this program contact Al Carrier at 503-947-6170.

## '93 Program Accomplishments

- \* Completed the budget and local operations policies for the Fire Management Activity Plan.



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## '94 Program Plans

- \* Conduct prescribed burn in the Shaw area which was not completed in FY93 due to adverse weather.
- \* Preparations are being made for at least one additional prescribed burn in the Lakeview Resource Area.
- \* Complete one site-specific Fire Management Plan in the Lakeview Resource Area.

## Forestry

The forestry program in the Lakeview Resource Area is almost solely limited to sales of fuelwood. The objective of the program is to meet the public's demand for fuelwood without negative impacts to other resource values. Further information concerning the forestry program can be obtained by contacting Ken Tillman at 503-947-6112.

## '93 Program Accomplishments

- \* Continued to process fuelwood sales.
- \* Investigated two timber trespasses; one was resolved.

## '94 Program Plans

- \* Will continue to process fuelwood sales on an as-needed basis.
- \* Loveless timber sale will remain on hold pending the completion of the Eastside Forest Environmental Impact Statement (EIS).
- \* Resolved one timber trespass which occurred in FY93.

## Lands and Realty

The lands and realty programs complete land actions in support of BLM resource management programs and authorizes public land uses by the public sector. These actions could include specific land use authorizations, direct land sales, land acquisitions, and control of unautho-

rized use and occupancy. Further information on this program can be obtained by contacting Dan Stewardson at 503-947-6115.

## '93 Program Accomplishments

- \* Rights-of-Way: A total of 20 rights-of-way were issued, of which 13 were new and seven were amendments.
- \* Permits/Leases: One occupancy permit was renewed.
- \* Trespass: One trespass (occupancy) was completed and closed.
- \* Federal Land Policy & Management Act (FLPMA) Sales: There were five parcels of public land in the Fort Rock/Christmas Valley areas (totaling 2,776 acres) that completed the processing phase (EA # OR-015-03-07 and OR-015-03-08).
- \* Exchanges: No exchanges were processed to completion.
- \* Acquisitions: The Kiely acquisition, totaling 2,451.21 acres, was consummated by the resource area.
- \* Easement Acquisitions: RE-6-126 is currently at the Oregon Division of State Lands (DSL) for signature; RE-L-127 will probably be sent to DSL by the end of September for signature. Actual recording of the preceding easements will not occur until FY94.

## '94 Program Plans

- \* Rights-of-Way: Four are anticipated for completion.
- \* Permits/Leases: Two permits are anticipated to be renewed.
- \* Trespass: One trespass (unlawful use) is anticipated for completion and closure.
- \* FLPMA Sales: The resource area anticipates offering six parcels totalling 2,776 acres of public land for sale in the Ft. Rock/Christmas Valley, Oregon area in October 1994 (EA# OR-015-94-08).
- \* Exchanges: The Lynch Brothers exchange (offered land 3,656.09 acres and selected land 6,863.96 acres) is anticipated for completion.



- \* Acquisitions: No acquisitions are anticipated.
- \* Easement Acquisitions: Easements RE-L-126 and RE-L-127 have been completed. The resource area anticipates the submission of RE-L-128 and RE-L-129 to DSL for signature.
- \* Withdrawal Reviews: Complete three withdrawal review cases.

- \* Continue noxious weed control program with Lake County Road Department.
- \* Release biological control agents, if available.
- \* Conduct education/awareness programs locally.
- \* Completed EA for Integrated Noxious Weed Management (EA# OR-013-03-01).
- \* Coordinate closely with adjacent landowners for effective management and control.

## Noxious Weed Management

The encroachment of noxious weeds is reducing resource values of native wildlands and adjacent agricultural croplands, rendering habitats unusable by some wildlife, decreasing property values, reducing biological diversity, and increasing the economic burden to maintain recreation and wilderness areas. The noxious weed management program is being more assertive in inventory and management. More information on the Noxious Weed Management Program can be obtained by contacting Bob Bolton at 503-947-6161.

### '93 Program Accomplishments

- \* Conducted a noxious weed identification training course.
- \* Released biological control agents on Mediterranean Sage.
- \* Conducted herbicide control on 12 noxious weed infestations by Lake County Road Department.
- \* Updated inventory identified 55 infestations covering 2,213 acres. This will be presented statewide on GIS by Oregon Department of Agriculture.
- \* Initiated an EA for Integrated Noxious Weed Management (EA# OR-013-03-01).

### '94 Program Plans

- \* Conduct a noxious weed identification course including a tour.
- \* Conduct noxious weed inventory on 10,000 acres.

## Recreation Resources

Public lands in the Lakeview Resource Area offer a wide variety of recreation opportunities. The program strives to provide quality recreation while protecting sensitive resources, expanding visitor services and interpretation, and enhancing outdoor recreation through partnerships. Initiatives such as Back County Byways and Watchable Wildlife provide focus and funding to increase recreation opportunities. Further information concerning the recreation program can be obtained by contacting Robert Lund at 503-947-6158.

### '93 Program Accomplishments

- \* Twelve historic homestead wells were cased to protect the environment and to comply with Oregon State regulations.
- \* The Warner Wetland ACEC visitor contact site at Hart Bar was completed. The area now has a trail with three shaded interpretive displays. In addition, a trail and photo blind were constructed. The site was specifically designed to be accessible to people with disabilities.
- \* Advance planning was completed for a visitor interpretive trail that provides an excellent overlook of the Warner Wetlands ACEC, and for a nature trail at Swamp/Mugwump Lakes in the Warner Wetlands.
- \* The National Watchable Wildlife program provided an additional interpretive panel for the Lake Abert pull-off. Also an Intermobile Surface Transportation Efficiency Act (ISTEA) grant application was approved for planning and site landscaping on the Lake Abert Scenic corridor.
- \* A Youth Conservation Corp crew accomplished major site grooming and refurbishing at the High-



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way Well Rest Area. The facilities were freshly painted and a new roof was put on the shade structure. New wheelchair-accessible picnic tables have replaced the old tables. The toilets are now wheelchair-accessible. Two interpretive signs were repaired and repainted.

## '94 Program Plans

- \* Visitor facilities will continue to be expanded at the Warner Wetlands. This will consist of site planning, environmental work, and construction of the Warner Wetlands Overlook to include parking and an interpretive trail, design and construction of an 8-unit campground at Campbell Lake.
- \* Design and preparation of contract drawing for a modern toilet at the Highway Well Rest Area. Contract to be issued in FY95. The contract will also include major landscaping, native plantings, and interpretive signing.
- \* Installation of two kiosks on the Christmas Valley National Back Country Byway.
- \* Retrofitting the toilet at the sunstone (Oregon's state gemstone) public collection area and marking the boundaries for easy public identification.
- \* The maintenance and/or upgrading of four miles of road into the Lost Forest ACEC.
- \* The planning for closing the "way" into the Crack-in-the-Ground and Derrick Cave in north Lake County. Interpretive panels will be designed and installed at both of these sites.
- \* As part of our public outreach program regarding recreational opportunities in the resource area, the following recreational brochures/guides will be developed, printed, and made available to the public: Christmas Valley Back Country Byway Brochure (reprint), Sand Dunes Resource Protection/User Guide, Fishing Spots on the High Desert Brochure, Warner Wetlands Recreation/Wildlife Guide.

## Riparian/Wetland Management

The Lakeview Resource Area is responsible for the care of about 100,000 acres of wetlands and 131 stream miles of

riparian habitat. In 1989 the Warner Lakes Plan Amendment for Wetlands and Associated Uplands was completed. Subsequent activity plans have since been finished which address specific management actions in the Warner Wetlands. The major emphasis of these programs is now to implement those plans and to continue to inventory the ecological conditions of riparian corridors, develop or revise grazing, wildlife, and related activity plans within priority habitats, and monitoring management actions across the resource area.

The riparian and wetland management programs do not have individual funding accounts and are funded through a combination of range, wildlife, and watershed monies. Further information concerning riparian/wetland management activities can be obtained by contacting Alan Munhall at 503-947-6120.

## '93 Program Accomplishments

- \* West Fork Silver Creek: Recreation and cattle use concentrated along the West Fork of Silver Creek is impacting the riparian areas and causing increased erosion. Also, beaver activity in the creek is changing water flow patterns and causing a roadway to erode. This project uses fencing to direct recreation and cattle use off the fragile riparian area and a small culvert will be placed in the road to keep water moving in its natural channel.
- \* Dick Creek: Fencing constructed along Dick Creek will control livestock grazing in the riparian zone and create a manageable riparian pasture.
- \* Horse Creek Fence: Construction of fencing has allowed management of grazing on three miles of Horse Creek. The portion of the stream that has been fenced is in fair to poor condition from years of late season use. Improvement in riparian condition and stream function will provide benefits to a threatened fisheries downstream.
- \* Duncan Fence: A fence was constructed to exclude livestock from a fishing reservoir and to improve grazing management along 2.5 miles of stream and in nearby aspen stands and wetlands.
- \* Boundary Fence: Fencing to implement the Warner Wetlands HMP and AMP.
- \* Warner Well: Completed drilling of a well in the Warner Wetlands for habitat restoration and enhancement. The North American Wetlands Conservation Fund contributed \$54,000 to the cost of this project.



- \* Continued an inventory and classification of spring and aspen areas in the Lakeview Resource Area to determine the condition and potential of these sites and to prescribe management actions and projects.
- \* Prepared the Rosebud-Edmonds Well Habitat Management Plan. This is a restoration and enhancement project involving a variety of land management agencies and organizations. Participants include the BLM, Oregon Department of Fish and Wildlife (ODFW), Ducks Unlimited, Oregon Waterfowl and Wetlands Association, Farmer's Home Administration, Agricultural Stabilization and Conservation Service and three private landowners. The plan area encompasses approximately 15,000 acres of intermingled Federal, State, and private lands along the northeastern portion of ODFW's Summer Lake Wildlife Management Area.
- \* Continued a Challenge Cost Share inventory project with ODFW to gather information on Lake Abert's aquatic ecology. This inventory will assist BLM in determining potential impacts to that ecosystem from two major development proposals (a hydro-power project and sodium mining operation).
- \* Maintained eight riparian-wetland improvement projects, including the Warner Wetlands irrigation system, which is critical to implementation of the Warner Wetlands ACEC Plan, HMP and AMP.
- \* Monitored four HMPs: Warner Wetlands, Southern Warner, Warner Lakes, and the High Desert Aquatic.
- \* Water rights were pursued for spring and reservoir developments, which are critical to the success of grazing systems and provide livestock and wildlife water away from riparian and wetland areas. Securing these water rights ensures continued use of these water sources.
- \* Two ACEC nominations for Lake Abert were received by the BLM, one from ODFW and the other from the Oregon Waterfowl and Wetlands Association. The nominations were based on Lake Abert's regional and Pacific Flyway importance to migrating waterfowl and waterbirds; the habitat it provides for three candidate and two listed threatened species; and the unique and irreplaceable aquatic ecology that provides the food base for the migrant birds.
- \* Conducted monthly inventories of the western snowy plover nesting population using Lake Abert and weekly counts of the total waterfowl/waterbird population to determine species composition changes throughout the year.

- \* Lakeview District personnel participated in a RAP Career Camp for high school students from around the state. Riparian area and watershed management were topics discussed in the classroom and during a day-long field trip.

## '94 Program Plans

The Lakeview Resource Area will place emphasis on water quality and riparian area monitoring, riparian/watershed/water quality improvement projects, nonpoint source pollution control and water rights documentation. Range, wildlife, and riparian-wetland projects will support BLM's and the State of Oregon's efforts to protect water quality under the Clean Water Act and implementation of BLM's Riparian-Wetland Initiative for the 1990's.

- \* A water use inventory will continue to document all water developments in the Lakeview Resource Area and complete water rights documentation with the State of Oregon.
- \* Water quality and macroinvertebrate sampling and analysis will continue to be conducted on streams throughout the resource area. Results of this monitoring will be used to assess existing water quality and determine whether district land management activities result in any trends in water quality or stream condition.
- \* The northern Lake County portion of the Lakeview Resource Area will have an Ecological Site Inventory initiated. This inventory, performed in cooperation with the Soil Conservation Service, gathers information about soil and vegetation conditions on BLM-administered lands. Information gathered in this inventory is indispensable in making wetland/riparian resource management decisions.
- \* Round Mountain Juniper Control: Juniper is to be cut from around spring areas, streams, and aspen groves to release riparian vegetation and improve watershed conditions.
- \* Duncan Juniper Management: Juniper will be treated to improve watershed conditions and reduce competition for moisture around seeps, streams, and aspen areas. Several aspen stands have been declining due to increased competition from juniper.
- \* Beaty Butte Exclosures: Completed 19 exclosures around spring sources and out flows to improve riparian conditions. This project was completed in cooperation with ODFW, who provided materials, and the MC Ranch, who will maintain the fences.



- \* **Wetland Habitat Enhancement:** Restoration and habitat enhancement work is planned to benefit riparian-dependent and sensitive bird species. These include black terns, white-faced ibis, yellow rail, greater sandhill crane, Forster's tern, lesser scaup, ring-necked duck, long-billed curlew, western least bittern, marsh wren, sora, Virginia rail, eared grebe, and great egret. Projects include: prescribed burning; blasting; dike installation, repair and maintenance; water control structure installation, repair and maintenance; installation of culverts; protective fence installation and repair; construction of nesting islands and other structures; retrofitting of an artesian well; and ditch cleaning.

Work is planned in accordance with the Warner Wetlands, Rosebud/Edmonds Well and South Warner HMPs and the Warner Wetlands ACEC Plan and Allotment Management Plan. ODFW, the Oregon Waterfowl and Wetland Association and two private landowners are cooperators for some of the restoration and enhancement projects. Monitoring studies will be conducted to assess the attainment of ACEC plan objectives and to monitor the success of grazing practices in the ACEC. Some fence removal and construction work will be conducted in partnership with the Eugene Chapter of the Isaak Walton League.

- \* **Aquatic and Riparian-Dependent Species Inventory and Monitoring:** Surveys to inventory and monitor several important fish and wildlife species are planned, which include the short-nosed, Lost River, and Warner suckers, western snowy plover, red-band trout, spotted frog, slender sculpin, and the western pond turtle. Study of the Warner sucker will be conducted in partnership with The Nature Conservancy. Spotted frog inventory will be in partnership with The Nature Conservancy, ODFW, the Winema National Forest and the National Park Service.
- \* **Foskett Dace Spring Rehabilitation:** This spring area contains Foskett Dace, a listed fish species. Stream banks will be stabilized with erosion cloth and marsh habitat will be burned to maintain a healthy ecosystem.
- \* **Bridge Creek:** Two miles of Bridge Creek will be enclosed with protective fencing to improve stream and riparian conditions.
- \* **Fifteenmile Creek:** Enclosures along Fifteenmile Creek, a stream supporting Warner sucker habitat, will be reconstructed and completed.

- \* **Lake Abert:** Inventory of the Lake Abert ecosystem will be continued in cooperation with ODFW and The Nature Conservancy. This inventory is a combination of two on-going efforts, monthly inventories of the western snowy plover nesting population using the lake (includes banding), and weekly counts of the total waterfowl-waterbird population to determine species composition changes throughout the year. The data gathered will be used in a comprehensive analysis of the potential environmental impacts of proposed development projects and an ACEC nomination for the lake.
- \* **Riparian-wetland areas** will continue to be inventoried and monitored to determine progress towards achievement of proper functioning condition, assess effectiveness of management practices and meet the goals and objectives of BLM's Riparian-Wetland Initiative for the 1990s.
- \* Numerous fencing projects will be maintained to continue management and protection of vital riparian-wetland resources.

## Wilderness

The wilderness program in the Lakeview Resource Area is now focused on interim management. In 1991, the BLM in Oregon completed the wilderness reporting process. As a part of this process recommendations on 12 wilderness study areas (WSAs) in the Lakeview Resource Area totalling 423,270 acres were signed by the Secretary of the Interior and have been forwarded to the President. Until Congress acts on final designation of any of these areas as wilderness they will be managed so as not to impair their wilderness values. More information on the wilderness program can be obtained by contacting Doug Troutman at 503-947-6113.

## '93 Program Accomplishments

- \* Continued interim management on all wilderness study areas.

## '94 Program Plans

- \* Continue interim management, including routine patrols, on all WSAs.



## Wild Horses and Burros

The focus of the wild horse and burro program in the Lakeview Resource Area is to manage two Wild Horse Herd Management Areas, which are located in the Paisley Desert and Beaty Butte. The goal of the program is to manage these areas to maintain the natural habitat in a thriving ecological balance.

The Paisley and Beaty Butte Herd Management Areas were gathered in the fall of 1992. The table below shows minimum and maximum numbers for each herd area, growth of each herd area since the last gathers in 1987/88, and current wild horse numbers in each area.

A fertility study initiated in January 1986 on the Beaty Butte Herd Management Area was completed in December of 1990. Results indicated that some reduction occurred in foaling when dominant stallions of a band are vasectomized. More information can be obtained by contacting Bob Bolton at 503-947-6161.

### '94 Program Plans

- \* Install cattleguard in Paisley HMA.
- \* Monitor horse use in both HMAs.
- \* Inspect facilities for adopted horses in the District.

## Wildlife and Fisheries

The wildlife and fisheries program ensures that fish, wildlife, and special status species habitats are protected in the operation of the BLM's multiple use programs. This is achieved by conducting habitat and animal surveys on public lands, developing habitat management plans and other special purpose plans to ensure protection of critical wildlife values, designing habitat enhancement projects, and monitoring of wildlife and other program activities to determine their effectiveness.

### '93 Program Accomplishments

- \* Initiated a cooperative project with the U.S. Fish & Wildlife Service, the Nature Conservancy, and the Oregon Department of Fish and Wildlife to study life history/habitat requirements of the threatened Warner sucker.
- \* Performed maintenance on 30 big game and bird guzzlers in the resource area in coordination with the Oregon Department of Fish and Wildlife.
- \* Completed an EA and constructed two bighorn sheep guzzlers in the Spaulding WSA (EA# OR-015-03-15).
- \* Completed mid-winter bald eagle surveys in Ft. Rock and Warner Valleys.

FISCAL YEAR	PAISLEY HERD AREA MINIMUM ANIMALS = 60 MAXIMUM ANIMALS = 110		BEATY BUTTE HERD AREA MINIMUM ANIMALS = 100 MAXIMUM ANIMALS = 250	
	# OF HORSES ADULTS(FOALS)	% INCREASE OR Decrease	# OF HORSES ADULTS(FOALS)	% INCREASE OR DECREASE
1988	31(9)	----	260(42)	GATHER
1989	59(13)	+48(+31)	101(49)	----
1990	88(11)	+33(-15)	129(25)	+22(-49)
1991	143(26)	+39(+58)	191(59)	+33(+58)
1992	169(34)	+15(+24)	250(62)	+24(+5)
1993	64(0)	GATHER	110(16)	GATHER



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## '94 Program Plans

- \* Cooperated with the Oregon Department of Fish and Wildlife on release of 20 bighorn sheep into Spaulding WSA (completed).
- \* Continue maintenance on 20 to 30 big game and bird guzzlers in the resource area in cooperation with the Oregon Department of Fish and Wildlife.
- \* Construct two bighorn sheep guzzlers in the Orejana Canyon WSA to prepare for the 1995 release (EA# OR-015-94-02).
- \* Challenge Cost Share Project with the Forest Service on Antelope Bitterbrush genetics study for Lake County.
- \* Conduct maintenance on 320 acre bitterbrush exclosure for future seed collection.
- \* Will complete juniper thin and seed project in Ward Lake Allotment.
- \* Prescribe burn for bighorn sheep in the Sheep Rock Allotment.
- \* Prescribe burn for sage grouse/elk in the Viewpoint Allotment.
- \* Continue the study of the threatened Warner sucker.
- \* The Animal and Plant Health Inspection Service (APHIS) conducts animal damage control on BLM-administered lands, and will be completing NEPA analysis of its Animal Damage Control Program for its Roseburg District. This area encompasses private and federal lands in Klamath and Lake counties. APHIS is the lead agency for this effort, and will be conducting its analysis in cooperation with the Lakeview Resource Area BLM and the Winema and Fremont National Forests. On-going predator control on the Lakeview District will continue to be conducted under an existing EA and inter-agency work plan until the completion of this regional NEPA document.

## Range Management

The Lakeview Resource Area's range management program administers livestock grazing activities on about 3.2 million acres of land in Lake and Harney Counties. Each year grazing licenses authorizing animal unit months (AUMs) are issued for 127 public land allotments. A

percentage of the grazing fees collected goes into the U.S. Treasury, but most is returned to the county or district to be used for range improvement projects designed to benefit wildlife and watershed resources while improving conditions for livestock grazing.

The range program also collects inventory data and monitors range conditions on public lands. Information on vegetation utilization levels and trend are collected and evaluated to determine whether allotment goals and objectives are being met. Further information concerning the range program can be obtained by contacting Dick Mayberry at 503-947-6142.

## '93 Program Accomplishments

- \* Developed three Allotment Management Plans (AMP): Rosebud allotment in conjunction with wildlife Habitat Management Plan (HMP) for the area; East Green Mountain AMP (EA# OR-015-03-02); and O'Keeffe Individual.
- \* Collected monitoring data on 84 I and M category allotments.
- \* Allotment evaluations were completed on eight allotments; Crump Individual, Lane Plan II, Corn Lake, Rabbit Basin, South Rabbit Hills, East Rabbit Hills, North Rabbit Hills, and Ward Lake.
- \* Administered grazing permits and issued billings.
- \* Completed a minimum of 225 use supervision visits to 125 allotments, concentrating on I and M category allotments and riparian areas.
- \* Maintained five cattleguards.
- \* Conducted prescribed burn at Hill Camp (6,000 acres).
- \* Built fencing at Middle Abert (1.5 miles), Duncan, and Horse Creek for riparian area management, and at Biscuit Point (2.75 miles).
- \* Turpin: Constructed a well (mitigation for Warner Wetland livestock exclosure area), installed one cattleguard (to exclude livestock from the core area of the Warner Wetlands ACEC), and constructed about five miles of three-strand barbed wire fence (to serve as allotment boundary).
- \* Maintained roads at Fredericks Butte 6121 (36 miles); West Beaty Butte 6176-1 (29 miles); Alkali Lake 6184 (28 miles); Hill Camp 6102 (16 miles); Poverty Basin 6164 (32 miles); Herder Spring 6107



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(6 miles); Murdock Well 6107-b (2 miles); Pitcher Ranch 6127 (6 miles); Mud Lake 6152 (10 miles); and Spalding Reservoir 6167-1m (6 miles).

- \* Repaired Spalding Reservoir Spillway (EA# OR-015-03-01).
- \* Ceres Flat: Installed two cattleguards (to reduce the safety hazard on Highway 31 from cattle drifting onto the road) and constructed eight miles of three-strand barbed wire fence to implement a grazing system and improve management in a post burn area.
- \* Beaty Butte Spring Enclosures: Continued the project to protect springs in cooperation with Oregon Department of Fish and Wildlife (ODFW).
- \* Mac: Constructed two miles of three-strand barbed wire fence to implement a grazing system (will also help improve management on recent burn area), and installed one cattleguard.

## '94 Program Plans

- \* Duncan juniper cut: Carry over riparian project from FY92 and '93 concentrating on juniper removal in riparian/aspen stands on about 90 acres in Silver Lake area.
- \* Indian Skull fence: Continuation of project from FY92, constructing one-quarter mile of three-strand fence to improve grazing management north of Summer Lake.
- \* Beaty Butte Enclosures: Continuation of a riparian project to exclude cattle from spring sites, and provide water outside of associated riparian areas.
- \* Turpin pipeline and troughs: Provision for livestock water outside the Warner Lakes ACEC core area.
- \* Waterhole Spillway and dam repair: Repair four retention/spillway structures damaged by run-off during spring of '93.
- \* Round Mountain juniper: Carry over project from FY93, cut juniper on 150 acres near Long Canyon at Round Mountain.
- \* North Flagstaff fence and cattleguard: Continue construction of fencing to exclude cattle from the Warner Lakes ACEC.
- \* Flagstaff Well: Provide water for livestock excluded from Warner Lakes ACEC.

- \* West Bluejoint: Construct four miles of three-strand barbed wire fence to complete grazing allotment boundary and improve grazing management .
- \* Coglan Pipeline (west): Extend pipeline to allotment 0400 Coglan Hills to water livestock and bighorn sheep, implementing the Paisley Agreement.
- \* Hope Well Pipeline (north and south): Improve livestock management in seeded area west of Lake Abert. Cooperative project with livestock permittees.
- \* Long Lake Cattleguard: Install cattleguard on road to Long Lake to facilitate recreational use of the road.
- \* Shale Rock Fence: Allotment boundary fence installed by permittees north of Lake Abert.
- \* Shale Rock Well and Pipeline: Permittees to install well to provide water for livestock in seeded area north of Lake Abert. To service two allotments with about 4 miles of pipeline.
- \* Dicks Creek Fence: Joint Watershed/Range project to manage livestock use of riparian area along Dicks Creek.
- \* Rogers Well: Joint Watershed/Range project to compensate for exclusion of livestock along Deep Creek. This well is to be installed in a seeding east of Highway 140 east of Adel.
- \* Shaw Prescribed Burn: Conduct 600-acre prescribed burn originally planned for FY93 which was postponed because of poor weather conditions in fall 1993.
- \* Activity Plans (Allotment Management Plans) planned for initiation or completion in FY94: Ward Lake Allotment 0704, Rahilly-Gravelly 0212, Beaty Butte 0600.
- \* Allotment Evaluations scheduled: Coyote-Colvin 0517, Murdock 0710, Oatman Flat 0705, Vineyard 0201, Crack-in-the-Ground 0102, Sheep Rock 0428, North Bluejoint 0512, and Northeast Warner 0511.
- \* Collect monitoring (trend, utilization, actual use) on 84 M and I category allotments.
- \* Issue grazing permits and billings for grazing use.
- \* Conduct use supervision, concentrating on I and M category allotments, and special management areas.
- \* Continue Native Grass Rehabilitation studies at Brim.



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# Lakeview Resource Area RPS Update

## Grazing Use and Management Adjustments

The following identifies and explains changes and corrections made in allotment management since the RPS was published in 1993. Allotments are assigned to one of three possible categories: I (improve) - generally in need of, and capable of, range condition improvements which receive the highest priority for funding of range improvement projects; M (maintain) - generally in satisfactory condition and have a management goal of maintaining existing conditions, and have second priority for implementing range improvements; or C (custodial) - generally small parcels of land surrounded by private land for which active management is generally not feasible or economical. Further information can be obtained by contacting Dick Mayberry at 503-947-6142.

Allot. No.	Allotment Name	Category	Adjustments in Allocation, Improvements, and Allotment Categorization
0105	Bunchgrass Butte	C	90 AUMs of use is currently permitted on a Temporary Nonrenewable (TNR) license.
0201	Vinyard Individual	I	Change from Maintain (M) to Improve (I) category for the following reasons: * Increasing juniper density is decreasing herbaceous component, increasing soil loss; * Ecological Site Inventory (ESI) indicates unsatisfactory condition; and * Significant opportunity to increase vegetative production. Fencing and spring development not proposed in the Land Use Plan were built to improve riparian areas by managing livestock use.
0204	Crump Individual	I	106 AUMs of suspended nonuse relinquished and active preference unchanged as a result of 1993 evaluation..
0214	Chukar Springs	M	Formed by separation from 0210 Rim allotment, 52 AUMs were moved to this new allotment.
0430	South Poverty	M	An additional 3,814 AUMs are permitted as a result of the Sharp Top wildfire rehabilitation, Paisley Agreement, and additional acreage. Change from I to M management category because rehabilitation work resolved identified conflicts. Combined with 0434 West Jug.
0434	West Jug	-	This allotment was combined with 0430 South Poverty.
0435	Shale Rock	M	A new allotment created as a result of the Sharp Top Fire Rehabilitation and 1993 Paisley Agreement. Preference was set as a result of the 1993 Paisley Agreement.
0504	Kiely	-	Preference cancelled to implement Warner Wetlands ACEC Plan.
0911	Valley	M	Preference adjusted in 1994 due to sale of public land within the allotment and addition of other land to the allotment.
1072	South Butte Valley	M	New allotment was divided from the 1001 Alkali Winter allotment. 900 AUMs active preference was allocated.



# LAKEVIEW RESOURCE AREA - GRAZING MANAGEMENT PROGRAM

## Forage Allocation and Allotment Summary

No.	Name	M,I,C 1987/1993	Public (acres)	Other (acres)	Wildlife (AUMs)	Wild Horses (AUMs)	1983	1987	1993	SNU <sup>1/</sup>	Period of Use <sup>2/</sup>	Grazing System <sup>3/</sup>	AMP Date	Allotment Evaluation
*0105	Bunchgrass Butte	C/C	1,680	0	0	0	0	0	0	0	Su,Fa	D	-	-
*0201	Vinyard Individual	M/I	8,600	160	112	0	510	510	100	100	Sp,Su	RR	1969	1993
*0204	Crump Individual	I/I	2,930	395	50	0	92	92	0	0	Sp,Su	RR	-	1993
*0214	Chukar Springs	M/M	1,764	0	15	0	52	52	0	0	Sp	S	-	-
*0430	South Poverty	I/M	35,382	0	0	0	0	387	4,201	0	Sp,Su,Wi	RR	-	1992
*0435	Shale Rock	I/M	12,853	0	0	0	0	0	1,220	0	-	RR	-	-
*0504	Kiely	C/C	390	0	0	0	23	23	0	0	-	-	-	-
*0911	Valley	M/M	6,600	769	137	0	669	669	590	0	Sp,Su,Fa	DRR	-	-
*1072	South Butte Valley	N/A/M	3,710	0	0	0	0	0	900	0	Wi	S	-	-

\* Explanation of changes in allotment narrative.

<sup>1/</sup> SNU = Suspended Nonuse

<sup>2/</sup> Sp = Spring; Su = Summer; Fa - Fall; Wi - Winter (use periods)

<sup>3/</sup> DRR - Deferred Rest Rotation; RR = Rest Rotation; D = Deferred Rotation; S = Seasonal



# 1993 Lakeview Resource Area EA Register

The National Environmental Policy Act (NEPA) requires that an environmental analysis of the potential effects be completed for any on-the-ground actions before their approval and that such analysis be open to the public. During fiscal year 1993, the Lakeview District and Lakeview Resource Area staff analyzed several proposed actions requiring the preparation of environmental assessments (EAs.) In addition, many proposed actions did not receive funding and have been put on hold or are planned for completion later in fiscal year 1994. The locations of on-going project EAs are shown on Map 2.

To receive a copy of an EA, please submit a written request to the district office, identifying the EA by register number and project name. Please let us know of your interest in an EA as early as possible to give the specialists time to fully consider any input. Contact Paul Whitman at (503) 947-6110 for further information.

Area Register Number	Project Name	Proposed Action	Location	Affected Special Area	EA Status, Est. Completion Date and Project Leader
015-03-01	Spaulding Reserv. Spillway Repair	Repair spillway.	Beaty Butte	Spaulding WSA	DR signed Dick Mayberry
015-03-02	East Green Mtn. AMP	AMP Implementation.	Fort Rock	Squaw Ridge & Lava Beds WSA	DR signed 1/21/93; Sandra McGinnis
015-03-03	Oil-Dri Claim Block A, C, and D	Expand Diatomite mine in Christmas Valley.	Christmas Valley	None	DR signed 5/14/93; Ken Tillman
015-03-04	Loveless Timber Sale	Selectively harvest 250 million board feet of ponderosa pine on 110 acres in Loveless Creek drainage of Lake County.	20 miles north of Lakeview, east of Highway 395.	Habitat for northern goshawk (FC2).	EA completed 4/2/93. Final decision on hold pending completion of Eastside Forest EIS; not expected in FY94
015-03-05	Goose Lake Valley Reinterment	Establish an area where remains of prehistoric Native Americans can be reinterred.	20 miles SW of Lakeview, at the edge of Goose Lake Valley.	None	DR signed 10/27/93; Bill Cannon
015-03-06	Dry Valley Pipeline	Construct 14 miles of pipeline to provide year-round water for livestock and wildlife.	Little Juniper Spring Allotment 75 miles north of Lakeview.	None	Not Started; Sandra McGinnis
015-03-07	Bureau Motion Public Sale	Sell isolated 40-acre tract of public land.	Christmas Valley	None	DR signed 6/3/93; Dan Stewardson
015-03-08	Bureau Motion Public Sale	Sell approximately 2,700 acres of public land to restore and maintain ownership ratio in Lake County.	Adjacent to and within 5 miles of Fort Rock	None	DR signed 6/18/93; Dan Stewardson



Area Register Number	Project Name	Proposed Action	Location	Affected Special Area	EA Status, Est. Completion Date and Project Leader
015-03-09	Clover Creek Riparian Pasture Fence	Construct three miles of barbed wire fence to develop a grazing system to improve meadows, stream banks, and aspen stands.	25 miles NE of Lakeview, east of Highway 395, and north of the Fremont National Forest.	None	Cancelled; Alan Munhall
015-03-10	Colvin Riparian Pasture Fence	Construct 5.5 miles of barbed wire fence to initiate a grazing system to manage livestock grazing.	35 miles north of Lakeview, on Abert Rim, four miles north of Fremont National Forest boundary.	Abert Rim WSA (1-101)	08/94 Alan Munhall
015-03-11	Guano Riparian Pasture Fence	Construct three miles of fence to manage livestock on Guano Creek and surrounding uplands.	North of Hwy. 140, South of the Hart Mountain Refuge along Guano Creek.	Guano Creek WSA (01-132), Guano Creek & Sink Lake proposed RNA.	Cancelled; Alan Munhall
015-03-12	North Bluejoint Winter Use	Change the current cattle grazing use from spring to winter.	20 miles north of Plush.	5% of area lies within the Orijana Canyon WSA.	Cancelled; Dave Pacioretty
015-03-13	White Hills Timber Sale	Selectively harvest 100 mbf of timber on 80 acres.	55 miles NW of Lakeview.	None	Cancelled; Larry Frazier
015-03-14	Wagon Trail Permit	Special recreation permit.	Paisley to Summer Lake.	Diablo WSA	EA Completed 4/12/93, but permit never issued; Doug Troutman
015-03-15	Bighorn Sheep Guzzlers	Construct guzzlers for bighorn sheep.	Spaulding WSA	Spaulding WSA	DR signed 8/25/93; Vern Stofleth
015-03-16	South Butte Valley holding pen	Construct holding pen.	North Alkali Lake	None	DR signed 8/30; Sandra McGinnis
010-03-05	Abert Watchable Wildlife Program	Construct vault toilet.	Abert Lake near Juniper Creek	Abert Lake Proposed ACEC	EA Completed 9/02/93, final decision on hold; Doug Troutman
013-03-01	Lakeview RA Noxious Weed Control	Control noxious weeds using chemical and mechanical methods.	Selected sites in Lakeview RA	None	EA completed 3/4/94; Bob Bolton
013-03-02	Animal Damage Control Program	APHIS to conduct ADC on District.	District-wide	Diablo WSA	Cancelled as APHIS is preparing regional NEPA document; Paul Whitman



Area Register Number	Project Name	Proposed Action	Location	Affected Special Area	EA Status, Est. Completion Date and Project Leader
010-94-01	South Property Allotment (#430) Range Improvements.	Construct approx. 2.5 miles of new dirt access road to area range improvements.	South Poverty Allotment NE of Lake Abert.	None	DR signed 1/14/94; Jill Morris
010-94-02	Orejana Canyon Bighorn Sheep Guzzlers.	Construct bighorn sheep guzzlers	Orejana Canyon	Orejana Canyon WSA	May 1994; Vern Stofleth
010-94-03	North Lake School R-O-W	Small site R-O-W for school letter display.	Table Rock	None	May 1994; Dan Stewardson.
010-94-04	Lynch Brothers Land Exchange	Exchange 3,656 acres of private land for 6,864 acres of public land.	Vicinity of Plush, OR	Warner Wetlands ACEC	May 1994; Dan Stewardson
010-94-05	Highway Well Rest Stop Improvements	Improve existing rest area facilities including new toilets, signing, and landscaping.	Northeast of Lake Abert on on Route 395.	None	April 1994; Robert Lund
010-94-06	Campbell Lake Campground	Plan and construct new 8-unit primitive campground.	Campbell Lake NE of Plush, OR	Warner Wetlands ACEC	March 1994; Doug Troutman
010-94-07	Warner Overlook	Construct parking area, interpretive displays, and trail overlooking Warner Wetlands.	East of Flagstaff Lake along Back Country Byway	Warner Wetlands ACEC and Hart Mtn. National Antelope Refuge.	March 1994; Doug Troutman
010-94-08	XL Spring Pipeline	Construct approx. 3.5 miles of pipeline for watering livestock.	XL Allotment (#0427) north of Lake Abert.	Proposed Lake Abert ACEC.	Fall 1994; Jill Morris
010-94-09	O'Keeffe AMP Revision	Revision of O'Keeffe AMP	O'Keefe Allotment (#0216)	None	May 1994; Jill Morris
010-94-10	Joes Lake Fence	Construct approx. one-quarter mile of fence around Joes Lake to reduce maintenance costs.	Hickey Individual Allotment (#0202)	None	Fall 1994; Les Boothe

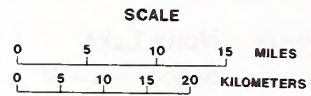
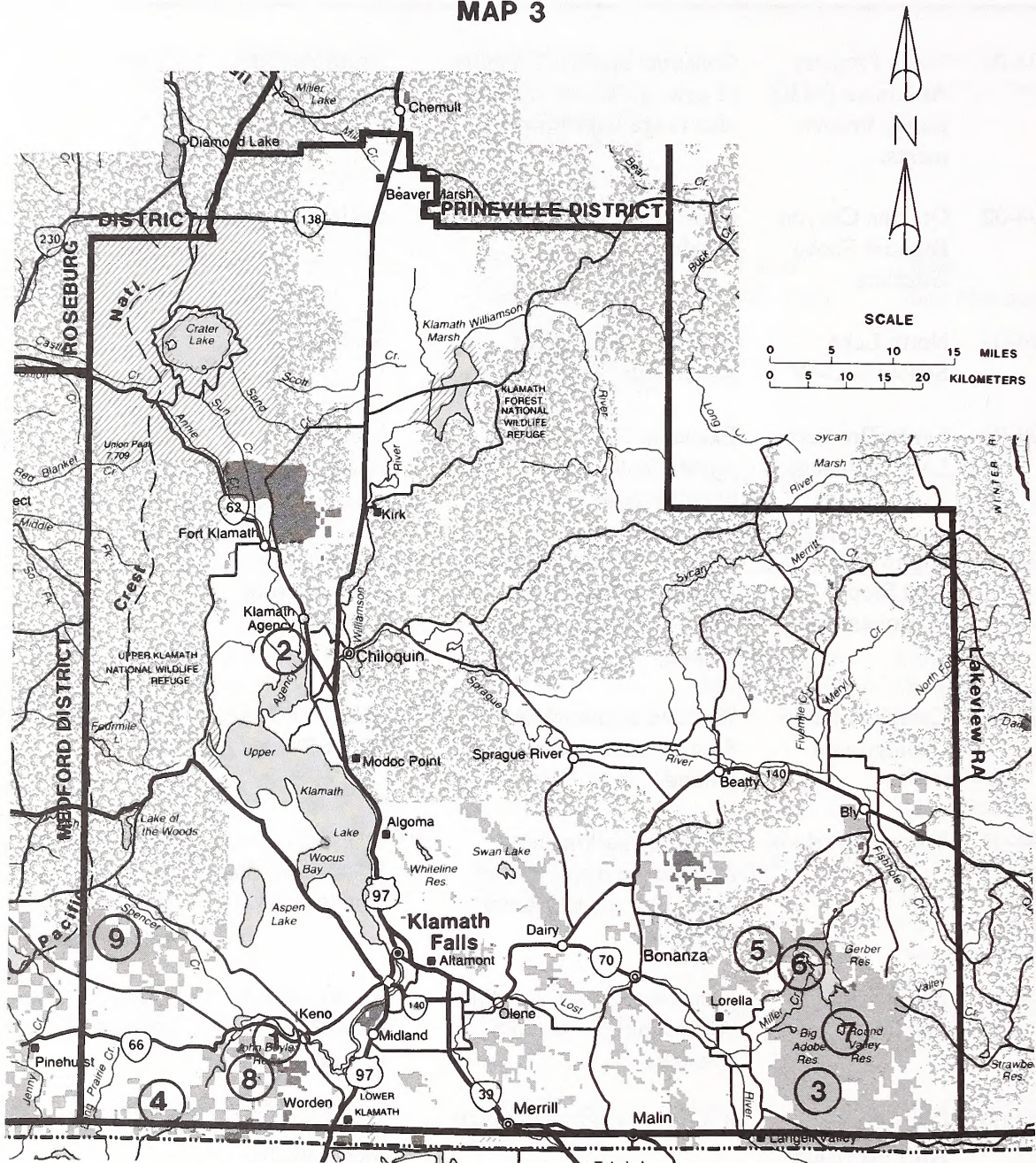


LAKEVIEW DISTRICT

KLAMATH FALLS RA FY94 PROJECT EA LOCATIONS

March 1994

MAP 3



LEGEND

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>① PROPOSED EA</li> <li>— RA BOUNDARY</li> <li>■ BLM LAND</li> <li>▨ USFS LAND</li> <li>▧ OTHER FEDERAL LAND</li> <li>■ STATE LAND</li> <li>□ PRIVATE LAND</li> </ul> | <ul style="list-style-type: none"> <li>1 Klamath River Campground Improvements</li> <li>2 Wood River Exchange / Gap Fencing / Dike and Gate Maintenance</li> <li>3 Bumpheads Wetland and Native Plant Protection Fence</li> <li>4 Wheatgrass Reservoirs #1 and #2 / Ward Pasture Division Fence / Lower Hayden Creek Enclosure Fence</li> <li>5 Upper Midway Potholes Watchable Wildlife Site</li> <li>6 Gerber Potholes Recreation Improvements</li> <li>7 Upper Midway Reservoir Recreation Improvements / Gerber Block Tree Planting</li> <li>8 Chicken Hills Cistern Development</li> <li>9 Snag Creation</li> </ul> |
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# KLAMATH FALLS RESOURCE AREA

The Klamath Falls Resource Area planning area consists of 213,000 acres of BLM-administered surface and subsurface estate (see map), and 21,000 acres of BLM subsurface estate only (private or state owned surface). This section includes some of the projects in the Klamath Falls Resource Area. This section also contains updates on the Wood River Ranch, ecosystem management, resource management plan, and the Lorella pumped storage project, as well as program summaries and accomplishments for FY93, work planned for FY94, a 1994 EA register, and RPS update. A mailing list update is included on page 49.

## Wood River Property Acquisition Update

The Klamath Falls Resource Area (KFRA) purchased 1,540 acres (the south half) of the Wood River Ranch, which is located almost 25 miles north of Klamath Falls, Oregon, on July 16, 1993 with money appropriated by the Congress. The entire parcel is 3,220 acres, bounded on the south by Agency Lake, on the east by the Wood River and Wood River Marsh, on the north-northwest by a dike, and on the west-southwest by Sevenmile Canal. The KFRA is planning to purchase the north half (1,680 acres) in fiscal year 1994 through additional Congressional appropriation and/or land exchange. Presently, the KFRA is pursuing the land exchange option in order to meet the part of the appropriations mandate that requires appropriate public lands within Klamath County be returned to private ownership to offset tax impacts to the county. The Congress has appropriated the additional money needed for outright purchase of the north half of the property, but this money will only be used should the land exchange option be unfeasible during fiscal year 1994. If outright purchase is required due to fiscal year 1994 constraints, other public land in Klamath County would still be returned to private ownership during fiscal year 1995 to offset tax impacts to the county.

Historically wetland habitat, the property was diked and drained to serve as irrigated pastureland for over 50 years. No management direction was specified by the Congress with the appropriated funds, so based on discussions with the Bureau of Reclamation, U.S. Fish & Wildlife Service, American Land Conservancy, the Klamath Basin Water Users Advisory Council, and others, the KFRA BLM prepared a draft Resource Management Plan and Environmental Impact Statement (RMP/EIS) for the upper Klamath Basin to guide future management on the property.

The Upper Klamath Basin RMP/EIS is separate from, but equal to, the draft RMP/EIS for the rest of the Klamath Falls Resource Area. The draft Upper Klamath Basin RMP/EIS was prepared as a separate document because the acquisition of the Wood River property took place after the release of the draft RMP/EIS for the rest of the resource area. Decisions on the two plans are expected at approximately the same time, in late 1994 (see the related article Resource Management Plan Update).

The Upper Klamath Basin RMP/EIS was released for public comment in early March of 1994. The comment period for this plan will run through approximately the end of May 1994, a 90-day comment period. Copies of the draft plan are available in the KFRA office or by calling Cathy Humphrey at 503-883-6916. Your comments on this draft plan will help us choose a final proposed plan later in 1994.

If you would like to get involved in this process, would like to be added to the mailing list, or have comments or questions, please call Cathy Humphrey at the Klamath Falls Resource Area office at (503) 883-6916.

## Resource Management Plan Update

The Klamath Falls Resource Area office, in conjunction with five other BLM offices in western Oregon, released a draft Resource Management Plan/Environmental Impact Statement (RMP/EIS) in August 1992, which was followed by a 120-day comment period. The final RMP/EIS was postponed from its planned summer 1993 release. On April 2, 1993 President Clinton held a Forest Conference in Portland, Oregon, the result of which was a directive to the BLM, the Forest Service, the Fish and Wildlife Service, and several other agencies to come up with a joint recommendation for how to solve the "timber crisis." This group, the post forest conference team, developed a Supplemental Environmental Impact Statement (SEIS), published July 1993. The final SEIS was released in March 1994. The six western Oregon BLM offices will finalize their RMP/EISs in late-1994, incorporating the President's SEIS.

For more information or a copy of the draft RMP/EIS, contact Cathy Humphrey at (503) 883-6916.



# Klamath Basin Ecosystem Restoration Office

In August of 1993, the Klamath Falls Ecosystem Restoration Office was established under the joint leadership of the Interior Department's Bureau of Reclamation and U.S. Fish and Wildlife Service. Additional staff support is being provided by the Lakeview District Bureau of Land Management. Historically, natural resources within the basin were managed by administrative boundaries without regard to the natural ecosystem boundaries. Such artificial divisions fail to answer resource needs and may lead to "turf" conflicts between agencies. The Ecosystem Restoration Office was created to remedy past management problems by improving interagency cooperation within the basin.

The major environmental concerns in the Klamath Basin are related to water quantity, quality, and timing of releases from the headwaters to the Pacific Ocean; endangered species; and land use practices. The basin has undergone major land use changes including wetland/riparian habitat losses, forest alterations, and rangeland changes. Human activities such as commercial fishing, logging, dams, water diversions, irrigation, grazing, population growth, hydro-electric projects, and mining have all contributed to environmental problems within the basin.

The ERO will develop long range restoration plans and implementation strategies to reduce the risk to all terrestrial and aquatic species, including federally listed species.

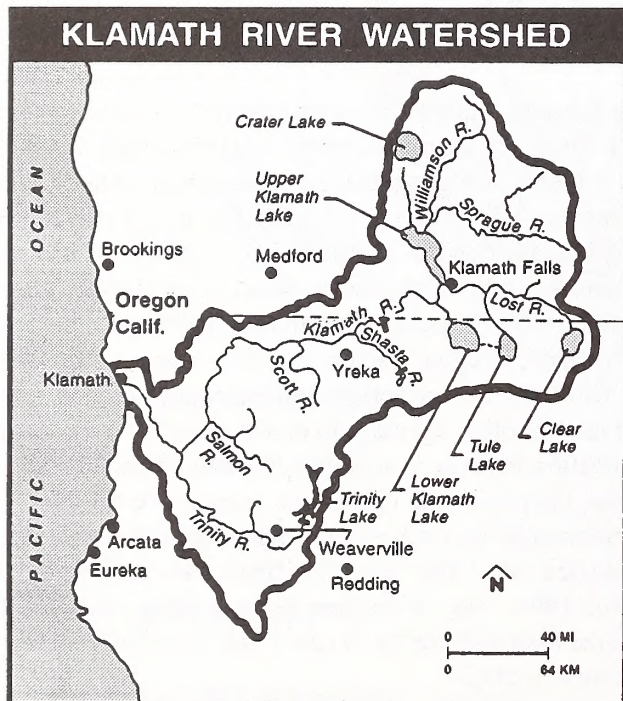
Restoration activities will be implemented based on short and long-range plans. All federal, state, and private interests will be invited to participate in this process.

The ERO is a prototype effort with its mission being the "restoration of the function and health of the Klamath Basin Ecosystem", including the lower basin below Iron Gate Reservoir. The ERO is located at the Bureau of Reclamation's Klamath Project Office in Klamath Falls, Oregon. Staff funding is provided by the sponsoring agencies. Funding for restoration activities will be solicited from existing federal, state, corporate, and private groups. The National Wildlife Foundation has pledged funds for each of the next three years.

The ERO will provide services in four major areas:

- \* Technical - to provide scientific knowledge, extension and long-range planning.
- \* Community Conservation Coordination - to provide on-the-ground out-reach to the local communities including restoration, education, and training.
- \* Information and Education - to provide public awareness and involvement.
- \* Administration - to provide administrative support to other activities.

The ERO project manager is Steve Lewis who can be contacted for more information at 503-885-8481.



(Major portions of this article are taken from an article appearing in the winter 1993/1994 issue of "Taking Wings", the Klamath Wingwatchers, Inc. Newsletter with permission by the author, Mark Buettner. Map used with permission of the ERO.)



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# Fire Management

For several years the Klamath Falls Resource Area has been reintroducing controlled prescribed fire to relatively small areas of fire-dependent forest and grassland communities within the resource area. For decades these natural communities have been managed under the assumption that all fires should be suppressed as soon as possible. However, the absence of fire has resulted in many changes in plant associations, particularly increases in fire intolerant species such as white fir and western juniper, and increases in fuel loads, which has changed the intensity and severity of recent wildfires, resulting in much more devastating impacts to vegetation, wildlife, and soils. The scientific literature abounds with research that demonstrates the importance fire plays in shaping native forest and grassland communities.

Based on these experiences, the resource area is currently proposing to expand its prescribed forest underburning program. Approximately 2,000 to 5,000 acres of forest lands would be burned during the next two years. The program would continue after that by randomly selecting eligible burn units which would be burned during favorable conditions.

The goals of the proposed fire program are to:

- (1) Reintroduce fire into areas in which fire historically has a profound influence on composition, structure, and function.
- (2) Restore sustainable function and structure including improvement in forest health of fire-adapted ecosystems.
- (3) Reduce major losses of sustainable ecosystem resources from catastrophic wildfires.
- (4) Reduce overall fire management costs by reducing the number of large-acreage, multi-burn period fires.

A scoping letter was recently sent out to other agencies, organizations, and the general public describing the proposed fire program and requesting comments. An environmental assessment will soon be released which will cover the proposal in more detail (EA# OR-014-94-09). Further information can be obtained by contacting Joe Foran at 503-883-6916.



Controlled underburn in the Gerber area.



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# Program Summaries and Accomplishments for FY93; Work Planned for FY94

## Botany

The botany program ensures that special plant habitats are protected in the operation of the BLM's multiple use programs. This is achieved by conducting plant surveys on public lands and monitoring population trends of sensitive species. For more information contact Lou Whiteaker at 503-885-4136.

### '93 Program Accomplishments

Botanical clearance surveys were conducted for two proposed chip thin timber sales, three proposed salvage sales, two right-of-ways, two proposed land sales, two recreational site improvement projects, four range improvements (three fences, one reservoir), and one mining claim. Approximately 4,560 acres were surveyed for special status plants.

- \* Monitoring of *Rorippa columbiae*, Federal candidate 2 species (FC2): Public and private lands on Stukel Mountain were surveyed with a total of 54 plants found this year, up from 26 plants found in 1992. However, many plants were still seedlings and only ten plants were found on public land, up from only six plants in 1992.
- \* Twelve Forest Service botanists representing three national forests participated in the monitoring of *Rorippa columbiae* (FC2) in order to observe this species in the field, and thereby be better prepared to conduct inventories on FS lands.
- \* Nine new populations of special status (all Bureau assessment species) plants were found in 1993. This included three populations of *Calochortus longebarbatus* var. *longebarbatus*, four populations of *Silene nuda* ssp. *insectivora*, and two populations of *Allium campanulatum*.
- \* Approximately 350 acres of "wet meadow habitat" has been inventoried for *Astragalus applegatei*, federally listed as endangered. Approximately 80 acres that were planned for inventory were not surveyed because access was denied.
- \* Klamath River Canyon exclosures vegetation data. Initial vegetation data were collected from 24 vegetation sample plots: four plots inside, and four

plots outside each of three exclosures in the Klamath River Canyon. This data will be used to monitor plant community changes and changes in similarity between plants communities inside and outside of the exclosures.

- \* Facilitation of the Spencer Creek Coordinated Resource Management Plan (CRMP). Three meetings of CRMP participants were held during 1993. Discussions centered on funding for proposed fencing projects on Buck Lake (private land) intended to mitigate sedimentation problems in Spencer Creek and the results of a watershed analysis conducted by Weyerhaeuser scientists. Macroinvertebrate samples were also collected.
- \* Approximately 95 additional plant species were collected, processed, identified, and added to the resource area herbarium. The herbarium now contains a total of approximately 585 species.
- \* Traversed the boundary of the Old Baldy Potential Research Natural Area (RNA) to establish a more precise record of the boundary. This area is recommended for RNA designation in the draft RMP since the plant communities it contains are not represented elsewhere in the RNA system.
- \* Collected seed of four native grass species from two sites (two species at each site). Collections are in support of the development of a contract to determine scarification requirements and viability of native grass species from BLM lands in Oregon and Washington.

### '94 Program Plans

- \* Inventory 1,000 acres of loam soils on Wood River property with emphasis on *Astragalus applegatei* (le). These soils are similar to soils that support known populations.
- \* Re-monitor the known population of *Rorippa columbiae* (FC2) in the resource area. Monitoring in FY92 found only 25-30 plants on both BLM and private lands, down from an estimated 100-125 plants in 1983. Only six plants were on BLM-administered land. A total of 54 plants were found in FY93, but only ten were on BLM-administered



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lands and were seedlings. The monitoring of special status plant species is a high priority in the budget directives and the Fish and Wildlife 2000 initiative.

- \* A plan would be written to quantitatively monitor known populations of *Limnanthes floccosa* ssp. *bellingermana* (FC2) on O&C lands to determine the effectiveness of conservation recommendations relative to management actions, such as timber sales, and response to environmental factors, such as fire.
- \* Establish monitoring plots and collect initial data on known populations of *Limnanthes floccosa* ssp. *bellingermana* (FC2.) This effort would initiate monitoring of special status plant species on O&C lands as indicated in the AWP directives and Fish and Wildlife 2000 priorities.

## Cultural/Paleontological Resources

All cultural programs for FY93 for the Klamath Falls Resource Area were handled from the Lakeview Resource Area. See the Cultural/Paleontological Resources section on page 11 for this information. Near the beginning of FY94, the Klamath Falls Resource Area hired an archaeologist. Immediately the following program needs were identified. For further information contact Bill Yehl at 503-885-4128.

### '94 Program Plans

- \* Bryant Mountain Timber Sale - Cultural resource survey and inventory of 1,200 acres which includes the entire BLM-managed pine forest on Bryant Mountain.
- \* Stukel Mountain Timber Sale - Cultural resource survey and inventory of 1,250 acres which includes the entire BLM managed pine forest on Stukel Mountain.
- \* Prescribed Burn Projects - Cultural resource survey and inventory of 4,000 acres of BLM lands slated for prescribed burns during FY 94/95.
- \* Wildlife Projects - Cultural resource survey and inventory of 350 acres at Gerber Reservoir for prescription logging for bald eagle habitat improvement, and 350 acres to be subjected to a prescription burn for habitat improvement.

- \* PGT Pipeline Expansion - Oregon cultural resources lead for the Medford and Boardman natural gas pipeline expansion.
- \* Lorella Pump Station Project - Provide cultural resource oversight for this project as it impacts BLM lands.
- \* Klamath Tribe/BLM Government to Government Monthly Cultural Resources Meeting - Coordinate the monthly meeting, prepare the agenda and scheduling.
- \* Community Outreach - Provide cultural resource management presentation for the Klamath County Historical Society; participate in the Oregon State JTPA job training program for welfare recipients; and begin a BLM Volunteer Program on cultural resources for the Klamath Falls Resource Area.
- \* GIS/Autocad - Begin a program to enter all cultural resource surveys, inventories, and sites into Auto-cad, to eventually be entered into GIS.
- \* Wood River Ranch Land Exchange - COR for the GSA contractor for cultural resource survey, inventory, and text excavation projects on BLM lands being cleared for disposal.
- \* Pomona College/Earth Watch Field School - For the third year, Dr. Joann Mack will conduct this field school in the Klamath Canyon. In FY94, a major objective of the field school will be to write the Archaeological District Nomination on Klamath Canyon, to the National Register of Historic Places.

- \* Recreation Projects - Survey and inventory of archaeological sites within Klamath Canyon has been done in areas where recreation specialists want to develop new parking, campgrounds, and boating facilities (EA# OR-014-94-01).

## Fire/Aviation

The BLM's fire and aviation programs are important support programs. Fire management has two major focus programs, suppressing wild fires and conducting prescribed burns to benefit wildlife and range management, among other programs. The aviation program supports various activities including firefighting, insect damage, and wild horse and wildlife census surveys. For further information contact Joe Foran at 503-885-4117 or Al Carrier at 503-947-6170.



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## '93 Program Accomplishments

- \* Completed 896 acres of underburning in the Gerber and Stukel Mountain areas.

## '94 Program Plans

- \* Weather permitting, between 1,000 and 2,000 acres are planned for underburning in the following areas: Devaul, Holbrook, Big Alkali, Yainax Butte, Keyhole, Paddock, Bly, Bryant, Topsy 1, River Edge, 41 Ranch, Wilkerson Horse Camp, and Webber Eagle Habitat Area.
- \* Broadcast burning is being planned in the Willow Valley area (1,000 acres).
- \* Completed burning for Griffin Site Preparations area (45 acres), Topsy 2, Wild Horse Rim, and about half of Big Alkali.

## Forestry

The Klamath Falls Resource Area contains 58,300 acres of commercial forest land. Over 70 percent of these lands are re-vested Oregon and California (O&C) grant lands located west of Klamath Falls. They support a mixed conifer forest with ponderosa pine, Douglas fir, white fir, and Shasta red fir as the major species. The resource area's O&C lands are subject to a court injunction prohibiting timber sales and other activities which could adversely affect northern spotted owl habitat. In effect, this has prevented the resource area from offering most scheduled west side sales. Also, several years of drought have triggered extensive mortality of white fir, which is expected to continue.

East of Klamath Falls, the BLM-administered lands contain 16,200 acres of commercial forest land, about 30 percent of the resource area's total. These lands are nearly all ponderosa pine, or pine mixed with western juniper. The recent listing of the Lost River and short-nosed suckers as threatened and endangered requires that east side timber sales be evaluated for their effects on these species. Stands containing a white fir component (less than ten percent of the east side's commercial forest) are undergoing extensive mortality in the white fir. The drought has also resulted in locally heavy mortality of ponderosa pine.

The east side also contains 55,000 acres of juniper woodlands. Recent studies of the feasibility of juniper harvest for lumber have been promising, and increased harvest of the juniper woodlands can be expected in future years. Juniper harvest can be designed to maximize favorable impacts on wildlife habitat, visual resources, and watershed values. For further information contact Mel Crockett at 503-885-4115 or Larry Frazier at 503-947-6164.

## '93 Program Accomplishments

- \* East side salvage sales offered: Swan Lake Fire Salvage (195,000 board feet), Johnny Out Fire Salvage (1,500,000 board feet), and East Side Salvage (105,000 board feet - no bid received).
- \* Four timber trespasses investigated.
- \* Responded to two timber sale protests.
- \* Cruised timber on one land sale in Plum Valley.
- \* Harvested approximately 300 to 400 acres on an active timber sale - Kent Circle.
- \* Mechanical site preparation: 105 acres.
- \* Underburned 896 acres to reduce fuel loads and reintroduce periodic fire as an ecosystem component.
- \* Reforestation: 856 acres planted with 300,000 seedlings.
- \* Tubing: 86 acres of seedlings protected against browsing by deer and rabbits.
- \* Paper mulched 78 acres to suppress grass and forb competition to planted seedlings.
- \* Shaded the Bear Fox plantation (43 acres) to reduce soil moisture loss on a hot, dry slope.
- \* Direct control of competing vegetation: 410 acres were brushed, and 397 acres were grubbed.
- \* Gopher control baiting was completed on 674 acres to prevent loss of planted seedlings to pocket gophers.
- \* Surveys: 3,000 acres completed, to evaluate stocking and condition of new units and existing plantations.



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## '94 Program Plans

- \* West side timber sales: Section 3 Chip Thin and West Side Salvage (exemption from court injunction would be needed for this salvage sale).
- \* East side timber sales: East Side Salvage (to be negotiated since no oral or sealed bids were received), Bryant Mountain and Stukel Mountain Salvages, Gerber Bald Eagle Management Area Sale (to reduce overstocking of stands to favor development and growth of trees suitable for bald eagle nest and perch trees).
- \* Complete cruise and timber appraisal for Bly Mountain land exchange.
- \* Complete processing of three timber trespasses.
- \* Site preparation: 123 acres (78 acres have been completed by mechanical methods and 45 acres have been completed by controlled burning).
- \* Underburning: Minimum of 1,150 acres.
- \* Reforestation: 872 acres.
- \* Tubing: 123 acres.
- \* Paper mulching: 74 acres.
- \* Vegetation control (brushing and grubbing): 535 acres.
- \* Precommercial thinning and release thinning: 1,200 acres, if fully funded.
- \* Surveys: 2,100 acres.
- \* Cone collection: 250 bushels or more.

## Lands and Realty

The lands and realty programs complete lands actions in support of BLM resource management programs and authorizes public land uses by the public sector. These actions could include specific land use authorizations, direct land sales, land acquisitions, and control of unauthorized use and occupancy. For further information contact Tom Cottingham at 503-885-4135.

## '93 Program Accomplishments

- \* Rights-of-Way: Four units were completed.
- \* Acquisitions: Purchase of the south half of the Wood River Ranch (1,540 acres).
- \* Permits/Leases: One unit completed; Universal Studios, for the filming of "The River Wild."
- \* Compliance: 12 units were completed; eight road or utility rights-of-way; two, 20 inch and 6" high, pressure natural gas pipelines under the Mineral Leasing Act, and one for Universal Studios.
- \* Exchanges: No exchanges were processed to completion.
- \* Minerals permits: One unit was completed for a private citizen.
- \* Trespass: Three cases were completed and closed.

## '94 Program Plans

- \* Acquisition/Exchanges: Purchase of the north half of the Wood River Ranch (1,680 acres).
- \* Rights-of-way: Eight units are anticipated for completion.
- \* Permits/leases: None are anticipated.
- \* Sales: The resource area has an obligation to dispose of approximately the same number of public land acres as was acquired with the acquisition of the Wood River Ranch. Preliminary work will begin on the disposal.
- \* Easement Acquisitions: Acquisition of one fence line easement and road easement are anticipated.

## Noxious Weed Management

The Klamath Falls Resource Area has a cooperative agreement with Klamath County's Department of Public Works to control or eradicate noxious weeds on BLM-administered lands in the resource area.



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## '93 Program Accomplishments

- \* An environmental assessment (EA) was written for an integrated weed control plan for the resource area. The record of decision was signed on July 21, 1993.
- \* Served as a member of the Noxious Weed Management Task Group that wrote a strategy plan to implement a comprehensive, integrated weed management program on BLM-administered lands in Oregon and Washington. Members of the group included representatives of various BLM districts and resource areas and representatives from the Oregon and Washington state noxious weed management programs. The plan was presented to the state management team at their meeting in June.
- \* Thirty-six noxious weed infested sites covering approximately 200 acres of BLM-administered lands were chemically treated by the Klamath County noxious weed treatment crew. Sites were monitored by BLM personnel for treatment effectiveness and non-target effects.
- \* Biological control organisms were released at several sites. A seed head fly and a weevil for yellow starthistle were released at Wild Gal Spring, a seed head fly for yellow starthistle was released in the Klamath Canyon, and a seed head fly for bull thistle was released at Round Valley Reservoir. Organisms were supplied by the Oregon Department of Agriculture (ODA) under the memorandum of agreement (MOA) between ODA and BLM.
- \* Several new noxious weed infested sites were reported by various field personnel. These sites included the first known siting of diffuse knapweed on the resource area. These sites will be added to the operations plan for FY94 under the new EA.
- \* Presented an invited paper at the California Exotic Pest Plant Symposium in Morro Bay, California. The symposium was the organizational meeting to form a California chapter of the Exotic Pest Plant Council (EPPC).

## '94 Program Plans

- \* Approximately 60 noxious weed infested sites covering approximately 320 acres of BLM-administered lands will be chemically treated by the Klamath County noxious weed treatment crew.

- \* Additional biological control organisms, supplied by ODA, will be released in the resource area with additional effort aimed at coordinating the release with seasonal environmental conditions.
- \* A noxious weed identification workshop will be held in the resource area for field personnel to facilitate and encourage reporting of additional noxious weed infestation sites.

## Recreation Resources

Public lands in the Klamath Falls Resource Area offer a wide variety of recreation opportunities. The program strives to provide quality recreation while protecting sensitive resources, expanding visitor services and interpretation, and enhancing outdoor recreation through partnerships. Initiatives such as Back County Byways and Watchable Wildlife provide focus and funding to increase recreation opportunities. For further information contact Scott Senter at 503-885-4141.

## '93 Program Accomplishments

- \* Klamath River Put-In (raft launch site): Constructed and rocked lower access loop road and additional vehicle parking; enlarged and rocked boat ramp; paved access loop road into put-in; installed handicap accessible picnic table, parking, toilets, and changing areas; installed signs; reseeded after construction; maintained main road from Highway 66 to put-in.
- \* Klamath River Campground: Removed existing toilet vault tank; installed new handicap accessible toilet unit; installed two firegrates; installed signs.
- \* Topsy Recreation Site: Removed hazard trees; constructed and rocked road and campsites; pumped toilets; installed vehicle barricades and signs; constructed handicap accessible campsites, parking areas, water fountains, boat deck, fishing trail, and fishing platform; chip sealed campsite road, campsite pads, and Topsy Road; installed firegrates and six picnic tables; and repaired fence.
- \* Gerber Recreation Site: Maintained Miller Creek trail; installed vehicle barrier posts; completed remodeling for handicap accessible toilet; and pumped toilets.



- \* Completed site plan for Topsy and Klamath River campgrounds.
- \* Issued 22 Klamath River commercial permits for white-water boating.
- \* Issued one land-based recreation permit.

## '94 Program Plans

- \* Issue and monitor approximately 23 special recreation use permits..
- \* Klamath River Campground: Rebuild and rock roads; install vehicle barriers and signs; and remove hazardous trees (EA# OR-014-94-01).
- \* Klamath Falls Recreation Guide: Develop a map describing recreation sites in the resource area.
- \* Operate and maintain five developed recreation sites.
- \* Complete site plans for Upper Midway and Gerber Potholes Recreation Sites.
- \* Topsy Recreation Site: Phase 2 of renovation; construct day-use picnic pads and interpretive trail; and install fire grates and picnic tables (EA# OR-014-93-04).
- \* Upper Midway: Construct and rock boat ramp, road to campsites, and campsite pads; construct toilet; install fire grate, picnic tables, and signs (EA# OR-014-94-07).
- \* Potholes: Construct and rock vehicle loop road and parking area; install trail to picnic area, picnic tables, toilet, signs, and fire grates.
- \* Gerber Recreation Site Road Improvements: Chip seal road from county (paved) road, past guard station to north and south campground (EA# OR-014-93-10).
- \* Wood River Ranch: Install signs and develop facility plan.
- \* Klamath River Put-In (Raft Launch Site): Convert existing vault toilet to a ranger office/information center and install gate for limiting winter vehicle access.

## Riparian/Wetland Management

The Klamath Falls Resource Area placed emphasis on water quality and riparian area monitoring, riparian/watershed/water quality improvement projects, nonpoint source pollution control and water rights documentation. Range, wildlife, and riparian-wetland projects supported BLM's and the State of Oregon's efforts to protect water quality under the Clean Water Act and implementation of BLM's Riparian-Wetland Initiative for the 1990s. A water use inventory was continued to document all water development in the district and finalize water rights documentation with the State of Oregon.

Water quality and microinvertebrate sampling and analysis was conducted on streams throughout the resource area. Macroinvertebrates are useful to indicate nonpoint source pollution and cumulative water quality effects. Results of this monitoring will be used to assess existing water quality and determine whether BLM activities result in any trends in water quality or stream condition. For additional information contact Dana Eckard at 503-885-4143.

## '93 Program Accomplishments

- \* Bear Valley Fence: Two miles of fencing was constructed in the Gerber Riparian Demonstration Area to create two new riparian pastures. Improvements in riparian area condition are expected with periodic rest or early season high-intensity, short-duration livestock use.
- \* Hayden Creek Willow Planting: Willows were planted in Hayden Creek as part of a Boy Scout project. This planting will assist in the stabilization and rebuilding of streambanks. The Boy Scouts are monitoring their plantings to compare survival within and outside of a livestock enclosure.
- \* Completed purchase of the south half of the Wood River Ranch for wetland restoration (see Wood River feature story).
- \* A draft Watershed Management Practices Guide was developed for use in the Klamath Falls Resource Area. This guide provides a comprehensive summary of Best Management Practices and design features for all resource area programs. Specialists can refer to the guide when designing projects and incorporate the appropriate practices to ensure protection of water quality, soils, watershed and riparian resources.



- \* Range and riparian monitoring studies were continued in key grazing allotments and riparian areas. Studies completed include riparian photo trend, range utilization and trend, and allotment use mapping. Water quality was monitored on streams to ensure compliance with state and national water quality statutes. Macroinvertebrate sampling was performed to detect nonpoint source pollution problems.
- \* Coordination meetings and field tours were held with ODFW, Pacific Power and Light, the Weyerhaeuser Corporation, USFWS, Forest Service, and the Lakeview District Grazing Advisory Board to discuss various aspects of riparian-wetland area management.
- \* Water rights were pursued for spring and reservoir developments, which are critical to the success of grazing systems and provide livestock and wildlife water away from riparian and wetland areas. Securing these water rights ensures continued use of these water sources.
- \* Continued cooperative interagency water quality sampling of Spencer Creek as part of the Spencer Creek CRMP.
- \* Created the Wood River Wetland Team, an interagency team, to assist in planning for the restoration of the Wood River Ranch to wetlands (see Wood River feature story).
- analysis, project work and management activities for each unit will be analyzed and defined, for both the short- and long-term. Public input and involvement in this process is encouraged.
- \* Gerber Block spring reconstruction: Springs in the Gerber Riparian Demonstration Area will receive needed reconstruction, redesign, removal of competing juniper and fencing of source areas to protect their riparian values. These developments are important watering sources for livestock and wildlife and are integral in directing livestock use away from riparian-wetland areas.
- \* Juniper management in the Gerber Riparian Demonstration Area: Juniper will be removed in two- to four-acre groups around several springs within the Gerber Riparian Demonstration Area. Also, 200 acres of juniper will be thinned around springs and other riparian areas to improve ground cover conditions and to enhance the potential for increased water availability. This project is designed to benefit watersheds that influence fish habitat.
- \* Bumpheads Wetland fence: The Bumpheads Wetland is located below the dike of Bumpheads Reservoir in the Gerber Riparian Demonstration Area. This wetland is unique to the area and supports wildlife species not normally encountered. Fencing will be constructed to protect the area (EA# OR-014-94-03).
- \* Aquatic and riparian-dependent species inventory and monitoring: Surveys to inventory and monitor several important fish and wildlife species are planned, which include the shortnosed and Lost River suckers, western snowy plover, red-band trout, spotted frog, slender sculpin, and the western pond turtle. Spotted frog inventory will be in partnership with the Nature Conservancy, ODFW, the Winema National Forest and the National Park Service. Oregon Department of Fish and Wildlife, NACSI, Winema National Forest, Pacific Power and Light, and Weyerhaeuser are assisting in an inventory of the Klamath River for slender sculpin.
- \* Wood River Ranch: An EIS and management plan will be completed for the Wood River property. Basic information will be gathered about the property, including inventory of fish and wildlife species; botanical and cultural surveys; signing, road and levy maintenance; purchase of aerial photos; boundary surveys; topographic surveys; and purchase of equipment to monitor and administer the property (see Wood River feature story).

## '94 Program Plans

- \* Water quality and macroinvertebrate sampling and analysis will continue on streams throughout the resource area. Results of this monitoring will be used to assess existing water quality and determine whether BLM activities result in any trends in water quality or stream condition.
- \* To fulfill its commitment to ecosystem-based management, the BLM is initiating landscape level analysis. Through landscape analysis, resource management plan objectives and existing landscape patterns and resource conditions are translated into definable management goals and objectives for each particular landscape. Landscape units are built on watershed areas for analysis purposes. Analysis will be conducted in partnership with the Forest Service and will be a dynamic process, responding to ongoing planning efforts for management of the region's forest resources. Through landscape



- \* Riparian-wetland areas will continue to be inventoried and monitored to determine progress towards achievement of proper functioning condition, assess effectiveness of management practices and meet the goals and objectives of BLM's Riparian-Wetland Initiative for the 1990s.
- \* Numerous fencing projects will be maintained to continue management and protection of vital riparian-wetland resources.
- \* Aspen and Willow Plantings: Commercially grown aspen and willow seedlings from local stocks would be planted in the spring of 1995 in riparian zones in the Gerber area to reduce erosion and sedimentation and provide stream shade for fish. Project is to be funded by the ERO (EA# OR-014-94-05).
- \* Hayden Creek Enclosure Fence: Fencing would be constructed along Hayden Creek to protect from overuse by livestock and wildhorses. Part of the creek is already excluded from grazing and is recovering (EA# OR-014-94-06). Project is to be funded by the ERO.
- \* Wood River Erosion Control: Project would mitigate existing and prevent future erosion of existing levees and dikes on the Wood River property. Damage occurs due to winter storms and wave action from Agency Lake. Project is to be funded by the ERO.
- \* Wood River Gap Fencing: Short fence spans would be constructed to fill in gaps in existing fences to exclude livestock grazing from Wood River Marsh and riparian areas in the interim before the Wood River Wetland Management Plan is completed and put into effect (EA# OR-014-94-08). Project is to be funded by the ERO.

## Wild Horses and Burros

The Klamath Falls Resource Area has one wild horse herd; the Pokegama Herd Management Area (HMA). The HMA is located in the western portion of the resource area, west and north of the Klamath River Canyon, south of Highway 66 and generally east of Jenny Creek. The appropriate management level of the herd is 50 head, with a range of 30 to 50 head. Currently, the herd numbers approximately 55 head.

## '93 Program Accomplishments

- \* Completed an aerial census of the Pokegama Herd Area in February, counting 50 head.
- \* Redeveloped upper Potter Reservoir, which provides an enhanced water source for wild horses, among other benefits.
- \* Fenced Fox Lake Reservoir for water quality and quantity improvement, aiding wild horses as well as livestock and wildlife.
- \* Collected utilization monitoring data within the HMA covering use by all grazing animals.

## '94 Program Plans

- \* Conduct aerial census of the Pokegama herd in mid-winter 1994.
- \* Construct Wheatgrass Pasture Reservoirs adding two new water sources for all users in an area currently lacking in perennial water, including wild horses (EA# OR-014-94-04).
- \* Collect vegetation monitoring data within the HMA to differentiate wild horse use from other grazing animals.

## Wild & Scenic Rivers

The Klamath Falls Resource Area has no designated rivers. In 1990, the BLM found the upper Klamath River to be eligible and suitable for designation as a scenic river under the National Wild and Scenic Rivers Act. During the RMP/EIS process, ten river segments in the KFRA were studied, six of those segments were found to be eligible and only one was also suitable. The upper Klamath River is managed under interim protective management guidelines.

The Governor of Oregon has requested that the Secretary of the Interior designate the upper Klamath River under section 2a(ii) of the National Wild and Scenic Rivers Act. The Secretary delegated that authority to the National Park Service. For further information contact Cathy Humphrey at 503-885-4110.



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## '93 Program Accomplishments

- \* The outstandingly remarkable values in the upper Klamath River area (recreation, wildlife, fish, historic, prehistoric, and scenic values, and Native American traditional use) were protected.

## '94 Program Plans

- \* The Klamath Falls Resource Area will be cooperating with the National Park Service in preparation of necessary documentation for the Secretary's determination of designation of the Klamath River. If the river is designated, the BLM will develop a management plan.

## Wilderness

The wilderness program is focused on interim management. In 1991, the BLM in Oregon completed the wilderness reporting process. As a part of this process a recommendation on one wilderness study area in the Klamath Falls Resource Area (Mountain Lakes WSA) was signed by the Secretary of the Interior and has forwarded to the President. Until Congress acts on final designation of this area as wilderness it will be managed so as not to impair their wilderness values. For additional information contact Scott Senter at 503-885-4141.

## '93 Program Accomplishments

- \* Mountain Lakes Wilderness Study Area: completed WSA monitoring of 334 acres.

## '94 Program Plans

- \* Continue monitoring of Mountain Lakes WSA.

## Wildlife and Fisheries

The wildlife and fisheries program ensures that fish, wildlife, and special status species habitats are protected in the operation of the BLM's multiple use programs. This is achieved by conducting habitat and animal surveys on public lands, developing habitat management plans and other special purpose plans to ensure protection of critical wildlife values, designing habitat enhancement projects,

and monitoring of wildlife and other program activities to determine their effectiveness.

## '93 Program Accomplishments

- \* Pokegama Cooperative Road Closure Area: Planning time spent with cooperating agencies and completing various co-op habitat improvement projects; assisted ODFW with wild turkey transplanting and radio telemetry monitoring.
- \* Spencer Creek Coordinated Resource Management Plan (CRMP): Planning time spent with cooperating agencies and working with Weyerhaeuser on watershed analysis.
- \* Watchable Wildlife: Tour route, brochure, and signing of the route in the Gerber Riparian Demonstration Area.
- \* Juniper control: Juniper thinning on the east side to improve watershed and big game habitat; completed approximately 100 acres this fiscal year.
- \* Pine marten inventory: Winter track counts on snowmobile and monitoring bait stations using cameras were completed over approximately 70 square miles of the west side.
- \* Waterfowl/sandhill crane nesting inventory: Nesting attempts/success within the Gerber Block inventoried on 12 reservoirs and one creek containing 39 nest islands and 78 nest structures.
- \* Neotropical migratory bird monitoring: Established and completed monitoring plots within different habitats in the KFRA and the Wood River Ranch.
- \* Osprey nest monitoring: Inventory and monitoring throughout the nesting season of all nests within the Gerber Block.
- \* Prairie falcon nest inventory: Conducted field inventory of known and suspected falcon nest sites in the Klamath River Canyon.
- \* Golden eagle nest inventory: Inventory of three golden eagle nest sites.
- \* Small mammal trapping: Continuation of last years work; within the spotted owl density study area.
- \* Townsend's Big-eared bat, federal candidate 2 species (FC2): Contributed \$3,000 towards purchase of a



“bat detector”; challenge grant with Southern Oregon State College and ODFW; inventory and monitoring of Salt Caves maternity colony.

- \* Northern goshawk surveys (FC2) completed on approximately 70,000 acres of potential habitat throughout the resource area. Several nests have been found; monitoring of nests found and banding of young and adults.
- \* Spotted owl density study, federal threatened: Completed for this years nesting season.
- \* Western Pond Turtle (FC2): Survey of potential habitat.
- \* Sage grouse (FC2): Cooperated with ODFW in conducting lek and brood surveys.
- \* Bald eagle nest inventory, federal threatened: Inventoried bald eagle nest sites throughout the resource area.
- \* Gerber Reservoir Bald Eagle Management Area Plan: Completed a management plan that includes existing and potential eagle habitat associated with the reservoir. This includes the second year of field work gathering habitat use and behavioral data on the two nesting pairs at the reservoir and completing a timber sale plan and starting an EA to improve eagle habitat.



Spotted Owl (*Strix occidentalis*)

- \* Participated with The Nature Conservancy on surveys for yellow rails on 4-mile Creek and Wood River properties.
- \* Participated on a habitat analysis team for Lorella Pumped Storage Project.
- \* Conducted a yearly coordination meeting with ODFW. This was followed by a June field trip in the Pokegama area.
- \* Constructed guzzler for wild turkeys and big game in Chicken Hills area in cooperation with the National Wild Turkey Federation, Oregon Hunter's Association, and ODFW.
- \* Preparation of RMP documents, including public meetings, responding to comment letters, and addressing alternatives.
- \* Monitored bald eagle nesting activity at Gerber Reservoir.
- \* Conducted preliminary herpetological surveys of Wood River Ranch, discovering a reproductive population of spotted frogs.
- \* Wildlife personnel helped plan and give an presentation at the annual Resources and People Camp (RAP) for high school students.
- \* Conducted section 7 consultations with U.S. Fish and Wildlife Service on impacts to spotted owls, and shortnosed suckers.
- \* Cooperated with the ongoing southeastern Oregon elk collaring/telemetry study.
- \* Performed maintenance on big game guzzlers in coordination with ODFW to eliminate duplication.
- \* Endangered sucker inventory: In coordination with the Bureau of Reclamation, completed electro-shocking surveys (for spawning runs) of tributaries of Gerber Reservoir and Miller Creek (the outflow of the reservoir), and other suspected waters; also completed post spawning larval surveys; documented large spawning run of shortnose suckers up Ben Hall Creek and Barnes Valley Creek and its tributaries; conducted similar surveys in canals within the Wood River Ranch property. Inventory included water quality sampling and long-term placement of thermographs in tributaries of Gerber Reservoir.



- \* Genetic study of Gerber shortnose suckers: Contributed \$5,000 challenge grant monies towards interagency study to determine genetic stock of Gerber Reservoir suckers.
- \* Warmwater fish inventory: Conducted boat electroshocking surveys of four east side reservoirs to determine survival of fish through drought and 92/93 winter.
- \* Fish stocking: Cooperated with ODFW to restock fish in reservoirs including Willow Valley, Bumpheads, Dog Hollow, and Round Valley.
- \* Inventoried the canals on the Wood River Ranch for fish species.

## '94 Program Plans

This section has been divided into three sections: east side proposals, west side proposals, and ongoing projects for the resource area as a whole.

### East Side Proposals:

- \* Section 7 consultation on grazing and timber programs.
- \* Conduct a shortnosed and Lost River sucker survey.
- \* Maintenance work on riparian fencing.
- \* Conduct a sage grouse aerial survey.
- \* Implement the Bald Eagle Management Plan in the Gerber Reservoir area.
- \* Conduct a waterfowl survey.
- \* Conduct a Goshawk inventory in the east side forests.
- \* Conduct warm water fisheries stocking in the Gerber area.
- \* Continue plans for the Watchable Wildlife Program in the Gerber area, Klamath Canyon, and Wood River.
- \* Develop and implement juniper management in the Gerber area.
- \* Conduct a western pond turtle inventory in the Gerber area and Klamath River.

### West Side Proposals:

- \* Conduct spotted owl density studies and clearances (for timber sales).
- \* Conduct goshawk surveys in density study areas.
- \* Assist with a planned burn in the Klamath Canyon.
- \* Proceed with a snag creation project.
- \* Begin a western pond turtle study in Klamath Canyon.
- \* Complete plans to replace a culvert at Spencer Creek.
- \* Conduct a spotted frog study at Wood River.
- \* Conduct a big-eared bat habitat improvement project at Salt Caves.
- \* Coordinate a Pokegama elk study with ODFW, Oregon Hunter's Association, and the Rocky Mountain Elk Foundation.
- \* Conduct a deer winter range improvement in Pokegama area by prescribed burning.

### Continuing efforts in the resource area include:

- \* Pine marten inventory covering approximately 70 square miles on the west side.
- \* Waterfowl/sandhill crane nesting inventory in the Gerber Block.
- \* Neotropical migratory bird monitoring.
- \* Osprey nest monitoring in the Gerber Block.
- \* Prairie falcon nest inventory in the Klamath River Canyon.
- \* Golden eagle nest inventory.
- \* Bald eagle nest inventory.
- \* Coordination with Weyerhaeuser, Pacific Power & Light, and ODFW on the Pokegama Cooperative Habitat Project.
- \* Maintain big game guzzlers in coordination with the ODFW.
- \* Initiate inventory and trend studies on waterfowl, raptors, and neotropical migrants at Wood River.



- \* Conduct yellow rail inventories at 4-Mile Canal and Wood River.

## Range Management

The BLM's range management program administers live-stock grazing activities on about 212,000 acres of land in Klamath County. Each year the Klamath Falls Resource Area issues grazing licenses authorizing animal unit months (AUMs) on 95 public land allotments. While a percentage of the grazing fees collected goes into the U.S. Treasury, most is returned to the county or district to be used for range improvement projects designed to benefit wildlife and watershed resources while improving conditions for livestock grazing.

The range program also collects inventory data and monitors range conditions on public lands. Information on vegetation utilization levels and trend are collected and evaluated to determine whether allotment goals and objectives are being met. For additional information contact Bill Lindsey at 503-885-4140.

## '93 Program Accomplishments

- \* Issued approximately 95 grazing use licenses.
- \* Completed 1-3/4 miles of pasture division fencing in the Bear Valley allotment.
- \* Performed rangeland monitoring studies on all utilized I and M category allotments.
- \* Completed the re-photographing of all existing long-term photo trend studies in the Gerber Riparian Demonstration Area. Also established two new frequency trend studies.
- \* Held field meetings with all interested grazing permittees to explain the rangeland monitoring and evaluation processes.
- \* Settled fully on one willful trespass which was pending on appeal, after a hearing before an administrative law judge.
- \* Completed three grazing exclosures in the Klamath River Canyon, in coordination with Pacific Power and Light Company, to study the changes possible in vegetative communities with protection from livestock grazing.

- \* Worked extensively with private land holders in the Klamath River Canyon to resolve long-term grazing conflicts.
- \* Performed required maintenance on all riparian exclosure fences that are BLM responsibility.

See the Klamath Falls Resource Area RPS Update (page 42) for more accomplishments since 1990.

## '94 Program Plans

- \* Complete planning and environmental work for a livestock and wildlife waterhole in the Ward Pasture, Edge Creek allotment. Construction may not occur until FY95.
- \* Reconstruct 20 spring developments in Gerber Riparian Demonstration Area.
- \* Thin 150 acres of juniper in the Gerber Riparian Demonstration Area.
- \* Construct one mile of exclosure fencing in the Bumpheads Allotment to protect a wetland area and a native plant community (EA# OR-014-94-03).
- \* Issue approximately 95 grazing use licenses.
- \* Monitor the grazing use on all utilized I and M category allotments.
- \* Establish five to ten additional frequency trend studies on high priority I category allotments.
- \* Perform needed maintenance on riparian fences that are BLM responsibility.
- \* Consult with the U.S. Fish & Wildlife Service in regards to grazing and the endangered shortnosed and Lost River suckers.
- \* Begin establishing and reading condition studies based on the ecological site inventory methodology. Five to ten are expected to be completed.



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# Klamath Falls Resource Area RPS Update

The current Klamath Falls Resource Area was created in 1988 by combining the Lakeview District's Klamath Falls Resource Area with BLM-administered lands in Klamath County previously in the Medford District BLM. This document is the third Rangeland Program Summary (RPS) Update since reorganization of the resource area. The resource area is currently in the process of completing a resource management plan (RMP) and EIS. The draft Klamath Falls Resource Area RMP/EIS was issued in August of 1992. The Proposed RMP/EIS and Record of Decision (ROD) is planned to be completed in 1994. The delay in completion of the Proposed RMP/EIS is due to the new direction arising from the President's Forest Summit and subsequent deliberations. The ROD will outline the allotment-specific objectives and goals desired to protect basic resource values while allowing for livestock use of the public lands.

Allotments are assigned to one of three possible categories: I (improve) - generally in need of, and capable of, range condition improvements which receive the highest priority for funding of range improvement projects; M (maintain) - generally in satisfactory condition and have a management goal of maintaining existing conditions, and have second priority for implementing range improvements; or C (custodial) - generally small parcels of land surrounded by private land for which active management is generally not feasible or economical.

Since 1990, monitoring has been initiated on all I and M category allotments, as well as some C category allotments. These studies provide a baseline for making future changes in management on those allotments. Within 5 years of completion of the Klamath Falls RMP/EIS, range specialists will compare the information collected from the rangeland monitoring studies of all I and M category allotments against the land use plan objectives to ascertain whether we are moving towards meeting those objectives. If we are reasonably moving towards or are meeting resource objectives, then existing management will be affirmed; if we are not, management changes will be devised and implemented to ensure movement towards objectives. The Proposed RMP/EIS will explain the monitoring and evaluation process in more depth. This plan will also outline how the Range Land Reform '94 initiative will be integrated into the resource area's grazing management program.

Since the last RPS was published in 1993, there have been no corrections or changes in grazing use, categorization, CRMPs, or forage allocations. For further information contact Bill Lindsey at 503-885-4140.



Yainax Butte CRMP (photo by Bill Lindsey)



# 1993 Klamath Falls Resource Area EA Register

Every year the Klamath Falls Resource Area staff prepares various environmental assessments to help them make decisions on whether or not to proceed with proposed projects. In an effort to involve the public earlier in the process of preparing these environmental documents, a list follows of proposed projects that have recently had documents prepared, are currently being prepared, or will be prepared sometime soon. Ideas and concerns are best considered when input is received early. Environmental documents will be submitted for public review before a decision is made, and comments are desired anytime in the process, even before the official comment period.

Area Register Number	Project Name	Proposed Action	Location	Affected Special Area	EA Status, Est. Completion Date and Project Leader
014-93-01	Unassigned				
014-93-02	Unassigned				
014-93-03	Rogers Land Sale	Sale of public land - isolated parcel uneconomical to manage.	Near Algoma	None	May 1994; Tom Cottingham.
014-93-04	Topsy Recreation Site Improvement	Improve barrier free (handicap) accessibility to campsites, drinking water, toilets, boating, and fishing.	One mile south of Highway 66 on Topsy Road.	None	DR signed 7/18/93; Scott Senter
014-93-05	Bear Valley Allotment Pasture Fence	For livestock distribution & riparian area protection.	5 miles S.E. of Gerber Reservoir.	None	DR signed 9/28/93; Dana Eckard
014-93-06	East Side Salvage Timber Sale	To salvage dead trees in the Gerber Block.	Ranges from California/Oregon border Gerber Reservoir	Gerber Bald Eagle Mgmt. Area.	Completion date unknown - Under Protest; Mike Bechdolt
014-93-07	Section 3 Thinning Timber Sale	Thinning of material less than 16".	8 miles west of Keno	None	Completed 10/1/93; Shane Durant
014-93-08	Coyote Reservoir Construction	Build reservoir to better distribute livestock & protect riparian areas.	+/- 5 miles S.E. of Gerber Reservoir	None	DR signed 10/14/93; Dana Eckard
014-93-09	Integrated Weed Control Plan	For treatment of noxious weeds.	All KFRA lands		DR signed 7/21/93; Lou Whiteaker
014-93-10	Gerber Recreat. Site Road Improvement	Improve roads into the recreation site.	Gerber Recreation site.	Gerber Bald Eagle Mgmt. Area	EA Summer of 1994; Brian McCarty



Area Register Number	Project Name	Proposed Action	Location	Affected Special Area	EA Status, Est. Completion Date and Project Leader
014-93-11	Universal Studios "The River Wild" Movie	Issue permit for filming movie in the Klamath River Canyon.	Upper Klamath River Canyon between rafting put-in and OR/CA state line.	Suitable Scenic River under WSR Act.	DR signed 9/20/93; Cathy Humphrey
014-93-12	Barnes Valley Riparian Fence Completion	Complete the enclosure of Barnes Valley Creek.	East of Gerber Reservoir	None	DR signed 11/10/93; Bill Lindsey
014-93-13	Chicken Hills Cistern Development	Build a wildlife watering system.	7 miles SW of Keno	None	March 1994; Gayle Sitter
014-93-14	Gopher Control	Gopher Control 7-800 acres/year Fall '93 - Fall '97.	West side of resource area	None	DR signed 10/4/93; Bill Johnson
014-93-15	Site Preparation	Site preparation by mechanical or burning 150 acres.	Ward Road, Kent Peak, Slipeasy Road	None	DR signed 10/8/93; Bill Johnson
014-93-16	Snag Creation	Create snags for cavity nesters.	Bald Butte and near Chase Mtn.	None	May 1994; Bill Dean
014-94-01	Klamath River Canyon Campground Improvement.	Campground Improvements.	Klamath River Campground	Suitable Scenic River under WSR Act.	April 1994; Lee Buschkowsky
014-94-02	Wood River Exchange	Exchange several isolated parcels of BLM lands for north half of Wood River property.	Several locations in KFRA.	None	May 1994; Tom Cottingham
014-94-03	Bumpheads Wetland and Native Vegetation Fence.	Construct livestock enclosure fence around existing wetland and native grass area.	South of Gerber Reservoir.	None	April 1994; Dana Eckard
014-94-04	Wheatgrass Reservoirs #1 and #2.	Construct 2 reservoirs for livestock water sources.	Southwest corner of Klamath County.	Suitable Scenic River under WSR Act.	April 1994; Dana Eckard
014-94-05	Gerber Block tree planting.	Plant seedling aspen and willows in riparian areas in Gerber block.	Vicinity of Gerber Reservoir.	Gerber Bald Eagle Mgmt. Area.	May 1994; Dana Eckard



Area Register Number	Project Name	Proposed Action	Location	Affected Special Area	EA Status, Est. Completion Date and Project Leader
014-94-06	Lower Hayden Creek Exclosure Fence.	Construct approx. 1.5 miles of fence to exclude livestock from riparian area.	Southwest corner of Klamath County.	Suitable scenic River under WSA Act.	EA completed 2/17/94; Bill Lindsey
014-94-07	Upper Midway Recreation Site Improvements.	Improve existing recreation site to provide disabled access, control erosion, and improve sanitation.	South of Gerber Reservoir	None	April 1994; Scott Senter
014-94-08	Wood River Gap Fencing.	Fence in gaps in existing fencing to exclude cattle from Wood River and Sevenmile Canal riparian areas.	Wood River property north of Agency Lake.	None	EA completed 2/17/94; Bill Lindsey
014-94-09	Fire Management.	Implement prescribed fire on approx. 2,000-5,000 acres of forest/grassland communities within the resource area annually.	Throughout KFRA (somewhat random selection process)		April 1994; Joe Foran
014-94-10	Wood River Dike and Gate Maintenance.	Control erosion, maintain safety of dike, and control access.	Wood River property north of Agency Lake.	None	April 1994; Brian McCarty
014-94-11	Gerber Potholes Recreation Site Improvement.	Construct new day use area, including parking, disabled access trails, wildlife viewing trails, and improving an existing day use area.	West side of Gerber Reservoir.	Gerber Bald Eagle Mgmt. Area.	April 1994; Scott Senter







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# Mailing List Update for the Lakeview Resource Area

In our continuing effort to serve the public more efficiently, we are updating our mailing list system. Because the BLM is involved in many different management activities and material is made available to you, we would appreciate it if you would take a minute to make sure we have the correct information, such as your name and address. Listed below are the different mailers that are available when a program is updated or information released in the Lakeview Resource Area. After deciding which activities you would be interested in receiving, mark the appropriate space provided below and mail to us by November 1, 1993 at the address stated below. If you are changing your name or address please supply us with your old name or address. Thank you for helping us keep our costs down.

- Plan Amendments/Plan Updates/Annual Program Summaries**
- Environmental Assessments (All)**
- Areas of Critical Environmental Concern**
- Cultural Resources**
- Energy and Minerals**
- Range Management**
- Recreation**
- Fish and Wildlife**
- Wilderness**
- Wild and Scenic Rivers**
- Forestry**
- Lands/Realty/Right-of-ways**

Please remove my name from all mailing lists

Please change my name to:

\_\_\_\_\_

Old Name: \_\_\_\_\_

Please change my address to:

\_\_\_\_\_

\_\_\_\_\_

Old Address: \_\_\_\_\_

\_\_\_\_\_

After completing you have two options: (1) Simply fold in thirds (see other side) with the address showing, affix postage, tape or staple the top (not the bottom, as this causes the postal service to hand process) and mail, or (2) call Paul Whitman @ 503-947-2177 to advise what changes you would like.



BUREAU OF LAND MANAGEMENT  
Lakeview District  
Attention: Planning and Environmental Coordinator  
1000 Ninth Street South  
Lakeview, OR 97630





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# Mailing List Update for the Klamath Falls Resource Area

In our continuing effort to keep publication costs down, we are reviewing our mailing list. The BLM is involved in many different areas and because material is available to the public we would appreciate it if you would take a minute to make sure we have the correct information, such as name, address, and preference of material requested. At the top right of the mailing label there will be codes ranging from 11 through 51. Those codes represent the different mailers that are available when a program is being updated or information released. After reviewing the available mailers and the code(s) on your label, and you would like to change anything, mark in the appropriate space provided below and mail to us by November 1, 1993 at the address stated below. If you are changing your name or address please supply us with your old name or address. Thank you for helping us keep our costs down.

- 10 - Plan Updates/Annual Program Summary
- 11 - Klamath Falls Resource Area RMP - Executive Summary of all western Oregon Districts
- 12 - Klamath Falls Resource Area RMP - Full RMP/EIS (1000+ pages)
- 13 - Klamath Falls Resource Area RMP Summary
- 14 - Upper Klamath Basin RMP/EIS
- 21 - Upper Klamath River
- 23 - Wood River Wetland Team
- 26 - Recreation
- 31 - Environmental Assessments - Other Resources (such as recreation or grazing)
- 32 - Environmental Assessments - Forestry
- 33 - Bly Mountain Ownership Listing
- 41 - Grazing
- 51 - Cultural

Please remove my name from all mailing lists

Please change my name to:

\_\_\_\_\_

Old Name: \_\_\_\_\_

Please change my address to:

\_\_\_\_\_

Old Address: \_\_\_\_\_

Please add the following mailing codes to my name:

Please remove the following mailing codes from my name:

After completing you have two options: (1) Simply fold in thirds (see other side) with the address showing, affix postage, tape or staple the top (not the bottom, as this causes the postal service to hand process) and mail, or (2) call Susan Bond @ 503-885-4112 to advise what changes you would like.





BUREAU OF LAND MANAGEMENT  
Klamath Falls Resource Area  
Attention: Susan Bond  
2795 Anderson Avenue, Bldg. 25  
Klamath Falls, OR 97603















**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
LAKEVIEW DISTRICT OFFICE  
1000 NINTH STREET SOUTH  
LAKEVIEW, OREGON 97630**

**OFFICIAL BUSINESS  
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