

Division: Interpretation

Field Operations Branch

Staff

- 1 Branch Chief, Mary Kline, GS-12
- 1 Valley Ops Lead, GS-11 Detail (lapsed in October)
- 4 Supervisory Park Rangers GS-9 (supervise 4-5 months per year)
- 3 Field Operations Park Rangers GS-9
- 2 Field Operations Park Rangers/Indian Cultural Demonstrators
- 1 Indian Cultural Demonstrator, GS-5
- 1 STF Stage Coach Driver, GS-5
- 3 STF Public Information Clerks, GS-5 (all three lapsed during the year)
- 1 Field Support Clerk, GS-5 (lapsed in April)

Total of 17 permanent employees

1 detailed employee

0 term employees

Seasonals:

38 seasonals, 7.4 FTE

12 interns (mix of Ford and YA)

Highlights

Made 2,026,012 contacts in visitor centers throughout the park.

Made 220,819 contacts on programs and roves.

Partnered with Ford Grant program to utilize additional interns in the seasonal program.

Continued our partnership with the Save Bears in Yosemite campaign providing roves of 2-4 people every night from April through October.

Branch: Education

Branch Chief: Kathy Dimont

Staff:

Permanent: none

Detailed: one (12 weeks/40 hours each)

Term: none

Seasonal: none

Interns: one (12 weeks/40 hours each = 480 hours)

SCA: one (10 weeks/40 hours each = 400 hours)

Made presentation to UC president, vice presidents, and regents re: outreach (Oakland).

Made presentation to UC vice chancellors' conference (Tenaya Lodge).

Won regional partnership award for University of California/Merced Union High School

District partnership and outreach program (Environmental Science Academy [ESA]).

Continued to recruit culturally diverse students for the ESA and to ensure meaningful experiences for them in the park.

Recruited park staff members to teach outreach classes.

Secured 12 Ford SCA positions for the park.

Secured 5 Ford SCA positions for the outreach students in the Merced California Welcome Center.

Coordinated with research and resource management staffs for computer mapping the Mariposa Grove (John Hawksworth, a Unilever intern, and park GPS equipment).

Served 15 4th grade classrooms in the Environmental Living Program (about 450 students).

Coordinated YA intern program.

Sent out about 175 copies of *Discover Yosemite*, a field trip guide.

Secured 2 Dodge 3500 vans (Coca-Cola grant) for outreach environmental education.

Created partnership with the USFS and The Discovery Center (Fresno) to staff and schedule the vans.

Worked with field branch to continue Parks as Classrooms programs and Junior Ranger program.

Branch

Interpretive Services

Branch Staff

1 Branch Chief, Jim Corless, GS-12 (till December, 2000)
1 Acting Branch Chief, Margie Steigerwald, GS-12 (December, 2000 through end of fiscal year)

Give total permanent employees:

Bob Roney, Master Interpreter, GS-11
Jeffrey Trust, Park Ranger (webmaster), GS-9
Mary Beth Shenton, Park Ranger (Exhibit Specialist), GS-9

Give total detailed employees:

Sue Beatty, Production Manager, GS-9 (till March, 2001)

Give total Term employees:

Kristina Rylands, Writer-Editor, GS-11
Michele Morseth, Writer-Editor, GS-11
Kristin Ramsey, Videographer, GS-9

Give total number of volunteers or volunteer hours as appropriate:

2 VIPs, 1136 hours (Jack Phinney and Gene Lew)

Branch Highlights

Publications

Planned and coordinated 3-day Publications Summit (February 2001), including half-day all employee/partner session on the NPS National Messaging Project. Facilitator for the summit was Mike Bento, of Ogilvie International. Objective was to look at all of the free publications that visitors receive at Yosemite or while planning their trip and to determine their effectiveness for delivering messages to visitors. Outcome was to begin by overhauling the *Yosemite Guide* into two publications: one containing information that changes frequently (this is now known as *Yosemite Today* publication) and one that contains static information that visitors need to know (*Yosemite Guide*). Final recommendation was a suite of 4 publications (*Yosemite Today*, *Yosemite Guide* (2 issues per year, one summer/ one winter), a brochure on rules and regulations and safety tips, and a take-home booklet with information on park partners and how to stay involved with Yosemite National Park. Other recommendations: establish an Editor-in-Chief to assure consistency of message throughout all park publications; re-vamp existing signs and publications to remove language that implies that visitors are the “enemy” of park resources (the “loved-to-death” message) and instead engage them in stewardship of the park. (PH)

In FY01, progress on the recommendations of the Publications Summit included:
Establishment of an Editor-in-Chief for the park
Received \$40,000 Yosemite Fund Grant for start-up costs for *Yosemite Today*. Published first 8 issues, using feedback to improve upon each successive issue. Publication includes a suite of maps to assist visitors with wayfinding. (PH)
Re-wrote *Yosemite Guide* articles with a less-regulatory, more interpretive tone.
Re-designed park website to make trip-planning information easily available and the entire site easier to navigate. (PH)

Produced 4 issues of the *Yosemite Guide*, 3 issues of the *Yosemite Planning Update*, 8 issues of the new publication *Yosemite Today*, dozens of fact sheets for plans and construction projects; posted all on the web.

Completed *Final Yosemite Valley Plan EIS* and Record of Decision. Provided oversight of all details of printing and distribution of final plan. (Martha/Kristina) (PH)

Wrote, designed and published uni-grid brochure on Air Quality for Resources Management

Provided writer/editor/project manager to complete Merced River Plan Summary document. Publication distributed to the public in February 2001. (PH)

Provided writing and editing assistance to Park legal team for Merced River Plan lawsuit

Provided writing, editing and communication team liaison assistance for two Environmental Assessments:

Happy Isles Gauging Station Bridge Removal EA

Lower Yosemite Fall Project EA

Provided writing and editing to Safety Staff to complete ten Parkwide safety policies

Provided writing and editing for *Draft Fire Management Plan*

Audio-Visual Production and Equipment

Provided oversight for the installation of \$150,000 worth of state-of-the-art audio-visual (AV) equipment in the West Auditorium. In partnership with the Yosemite Fund, prepared East and West Auditoriums for Spirit of Yosemite Film Premiere held April 7, 2001. Wrote Standard Operating Procedures and trouble shooting manual for daily use and monthly maintenance of new AV equipment and theater lighting. Provided training to interpretive staff and volunteers. Established punch list of work items necessary to finish the theater and responded to needs as they came up (safety concerns with front door glass, lighting in the catwalk, automatic start-up failure, sound problems).

Established distribution method for assisted listening devices (foreign language and visually impaired). (PH)

Produced four videos: one on the production of the *Final Yosemite Valley Plan*, one on the Wildlink program, two as part of visitor exhibits (Fire exhibit for the Yosemite Valley Visitor Center and Under Construction exhibit for the Nature Center at Happy Isles).

Provided media set-ups (microphones, AV equipment) for YA Spring Forum and Fall YA member's meeting and media events (El Portal Road Opening) and all-employee meetings.

Exhibits

Designed and installed four wayside exhibits on rockfall and an orientation panel at Happy Isles. Assisted with planning the May 18, 2001 dedication ceremony for these exhibits in partnership with the Yosemite Fund and Mervyn's California (donor). (PH) Planned, designed, fabricated and installed two indoor exhibits: one on the role of fire for the Yosemite Valley Visitor Center and one on the forces of fire, rockfall, and flooding (titled Under Construction) for the Nature Center at Happy Isles. (PH) Planned and reviewed design of 20 wayfinding signs (maps) for Yosemite Village

Interpretive Program (Field Operations Support)

During the peak season, provided up to 3 interpretive staff (6 ranger days per week) to supplement the interpretive field staff, which was short-handed this year. Provided more than 120 formal and informal interpretive programs and thousands of visitor contacts. Provided interpretive training and coaching for both NPS and concessionaire walks and other programs including a new interpretive partnership with the American Alpine Club to provide programs at Yosemite Lodge. Provided interpretive training for seasonal interpreters, interns, law enforcement, and new staff parkwide as a part of the Employee Orientation program.

Other Communications Support

Provided interpretive and public information assistance to large park wildfire visible from Glacier Point (Hoover Fire). Chaired in-park YARTS marketing group to develop strategy for improving visitor ridership on YARTS. Participated multi-agency YARTS marketing committee. Wrote articles about YARTS and submitted to various magazines (*Backpacker* and *Outside* for example published our stories). Designed and produced "yellow sticky notes" to draw visitors attention to YARTS information in *Yosemite Guide*.

Parkwide Committee Participation and Support

Participated on the Yosemite Bear Council. Assisted in production of several publications about bears. Installed food storage exhibits in campgrounds (YF project). Participated in El Portal Safety Action Team; provided chairperson for that group. Continued support for Communication Team to improve efforts to communicate with the public and employees about park planning and to encourage public participation in park plans. Established Communication Team Steering Group to develop messages for Comm. Team to deliver.

Media Relations Branch

Staff

- 1 Branch Chief, Scott Gediman, GS-12
- 1 Supervisory Park Ranger, GS-11
- 1 Park Ranger, GS-7
- 1 Public Information Clerk, GS-5

Highlights

- Managed media communications for the Yosemite Valley and Merced River Plans. Efforts included working extensively with print and broadcast news media, issuing press releases, writing and distributing public service announcements.
- Our office coordinated Former Interior Secretary Bruce Babbitt's visit to Yosemite to release the Final Yosemite Valley Plan and handled press coverage associated with that event as well as interest in when the Record of Decision for the Yosemite Valley Plan was signed in December 2000.
- Continued with active participation in the Yosemite Bear Council by issuing news releases, planning public awareness events, designing and distributing bear flyers, and distributing the weekly "Bear Facts." The euthanization of a mother bear and the subsequent "rehabilitation" of her cubs drew massive media interest.
- The Hoover, Pilot, and Briceburg Fires generated media interest and provided our office with the opportunity to work closely with the Incident Information Officer to educate the public about fire ecology.
- Handled 3,500 print and broadcast media contacts, including regional, national, and international news outlets. Examples include network affiliates from San Francisco, Sacramento, Fresno, Los Angeles, San Diego, and Reno. Also included were national television broadcasts and international news outlets from England, Japan, and several other countries.
- Made extensive outreach effort to open lines of communication with gateway communities and special interest groups. This included attending or sitting on the board of town board meetings, tourism councils, etc.

Division

Project Management

Division Mission

The Project Management Division mission is to manage facility design and construction projects at Yosemite.

GPRA Goals:

Construction Projects

Natural and Cultural Resource Protection

Archeological Sites Condition

Visitor Enjoyment

Objectives:

- Estimating design and construction costs
- Requesting and obtaining project funding
- Developing a project phasing schedule based on compliance issues, size and complexity of projects, location, type of work, and amount of design needed
- Enhancing accountability through project managers who are responsible for projects from beginning to end
- Ensuring that park staff is adequately involved with the facility development process
- providing regular status reports on project progress and expenditures

Following the 1997 flood emergency the Office of Flood Recovery was established, a term (approximately four-year) organization responsible for repair and rehabilitation of Yosemite's flood-damaged facilities. While flood recovery was underway, the park's design and construction project workload increased significantly through other fund sources (Recreation Fee Demonstration Program, Federal Lands Highways Program, Line Item Construction, Yosemite Fund). To avoid excessive collateral duties for other divisions, and to provide consistent and efficient project management procedures, accountability for these projects was consolidated. The Office of Flood Recovery was renamed the Division of Project Management in 2000 to reflect its role in managing the expanded range of projects. The term of the Project Management Division is yet to be determined.

Division Staff

- 1 Acting Chief of Project Management, Bill Delaney, GS-15
- 1 Acting Deputy Chief of Project Management, GS-14
- 4 Project Managers, GS-13
- 1 Project Manager, GS-12
- 1 Compliance Manager, GS-12
- 1 Budget Analyst, GS-11
- 1 Management Assistant, GS-11
- 1 Archeologist, GS-9
- 1 Environmental Assistant, GS-7
- 1 Secretary, GS-6
- 1 Secretary, GS-5

Total FTE used : 11.5

Total FTE of lapsed positions: 2.5

Total new hires: Positions are encumbered primarily through term detail or term promotion assignments from other divisions within the park.

Total transfers: 2

Total retirements: 0

DIVISION BUDGET

FY 2001 obligations:

ONPS	\$
0	
Flood Recovery (Emergency Supplemental Appropriations Act, Public Law 105-18)	
3,679,777	
80% Recreation Fee Demonstration Program	
862,889	
Federal Lands Highways Program (Alternative Transportation & ERFO funding)	
604,805	
Line Item	
0	
Yosemite Fund	---
<u>79,073</u>	
	Total: \$
5,226,544	

HIGHLIGHTS

Completed the improvements to the visitor auditorium audio-visual, electrical, lighting, heating/ventilation/air conditioning, seating, flooring and acoustical systems.

Contributed operational subsidy to promote regional transit service (YARTS) for the second year of demonstration.

Began cleaning and closed circuit television assessment of 10-miles of sewer collection lines and manholes in Yosemite Valley and El Portal.

Repaired and reconstructed five miles of flood-damaged high country trail.

Removed flood-damaged asphalt from Lower Pines Campground.

Completed conceptual design alternatives for repair and or replacement of Yosemite Creek Campground Bridge and Crane Creek Bridge.

Replaced campsite furnishings at 1000 campsites.

Began site evaluations and environmental compliance for rehabilitation of the Yosemite Falls viewing area.

Coordinated project scheduling and phasing for Yosemite Valley Plan actions.

Completed bridge and trail reconstruction and reopened the Mirror Lake Loop Trail.

Removed the flood-damaged Happy Isles Bridge.

Occupational Safety and Health Office

Staff:

One Acting Occupational Safety and Health Manager/Sanitarian, GS-11

One Safety Technician, GS-07

One Seasonal Administrative Support O/A, GS-04

Highlights:

Reduced “Lost time” cases from 57 in FY2000 to 26 in FY 2001.

Entered into agreement with Public Health Services for a fulltime, Industrial Hygienist; interviewed and offered position.

Staff conducted multiple three-day "Safety for First Line Supervisors" courses for 95 students.

Provided funding for safety training for employees of other divisions as follows:

Five employees attended the “Train the Trainer” for Hazard Communications.

Eight employees attended “Root Cause Analysis” training for accident investigation.

All Yosemite Safety Committee and District Safety Action Team members received Occupational Safety & Health Administration (OSHA) Course #600 – Collateral Duty for Other Federal Agencies.

Provided funding for five park employees to attend safety training sessions at annual DOI Safety Conference, including OSHA Course #600.

Staff member and one employee attended VPPPA conference to attend training sessions.

Provided Back Injury Prevention training to 245 employees.

Six Safety Policy and Procedures finalized and approved:

Accident Investigation and Reporting

Hearing Conservation

Health & Safety Hazard Analysis

Personal Protective Equipment

Report of Unsafe Conditions

Safety & Health Workplace Review

Established Safety Awards and Recognition Program.

Initiated Facility Inspection Achievement program.

Inspected 36 food facilities.

Investigated 8 food borne illness reports.

Inspected five work place facilities.

Initiated publication of quarterly Park Safety Newsletter.

Guided the Yosemite Safety Committee and four District Safety Action Teams.

Reduced accident/injury lost time case rate by 54%.

Initiated the “Green Dot” safety reminder program.

Conducted safety orientations for over 200 new and returning seasonal employees.

Ecological Restoration and Vegetation Management+

2001 was a busy and productive year for our program. In March two vacant permanent positions, one Botanist and one Biologist, were filled under GS-7/9/11 Resource Careers position descriptions. One term GS-7/9/11 Restoration Ecologist position was also filled. The staff in these positions helped to accomplish the work outlined in this report. In May our office moved to a new location and staff spent several weeks unpacking and reorganizing before resuming operations. We now share an office with USGS-BRD research staff in the El Portal Maintenance Complex.

Office Staff

Permanent:

Sue Fritzke	Program Manager
Marty Acree	Restoration Work Leader
Sue Beatty	Biologist
Lisa Ordonez	Botanist

Term:

Ben Cunningham-Summerfield	Biological Technician
Marie Denn	Restoration Ecologist
Victor Goldman	Restoration Work Leader

Seasonal:

Noreen Trombley	Restoration Work Leader
Don Schweizer	Restoration Worker
Chuck Carter	Restoration Worker
Marci Jones	Restoration Worker
Freddie Elchlepp	Restoration Worker
Randy Bown	Restoration Worker
Vicky Hartman	Biological Technician
Christal Niederer	Biological Technician
Sarah Starosta	Biological Technician

Accomplishments

Ecological Restoration and Project Mitigation

Merced/Tuolumne Grove Restoration: Capital Group employee volunteers assisted the park in Tuolumne and Merced Groves August 4-5 and August 25-26, 2001 with the following work:

- Rehabilitated about 1,000 feet of social trails within both groves
- Maintained fencing in the Tuolumne Grove
- Consulted with YI to delineate better trail systems in groves to meet needs of visitors and educators
- Controlled weeds in both groves
- Surveyed trees in both groves to help improve overall management in the future
- The restoration project was completed winter 2001.

Happy Isles Fen Restoration: During fiscal year 2001 staff determined and mapped the extent of the original wetland, characterized the existing fen habitat at Happy Isles, initiated project compliance, and developed a restoration and monitoring plan.

Merced River Restoration: During fiscal year 2001 staff completed a Flood Recovery Project (package 932) to revegetate river terraces and restoration sites along the Merced River in Yosemite Valley that had been impacted by the 1997 flood. Plants propagated through an indefinite quantities contract with Bitterroot Restoration Incorporated were replanted, using genetic preservation zoning specifications developed in 1998.

For the upcoming restoration project for the Merced at Eagle Creek, staff investigated the location and condition of buried structures at the site, initiated project compliance, collected baseline ecological information, and finalized a restoration plan for stabilizing and revegetating a reach of Eagle Creek.

Cooks Meadow Restoration: In order to restore natural meadow hydrology, the asphalt path bisecting the meadow was removed, along with three hundred cubic yards of imported fill. The natural contour of the meadow was restored and a 500-foot boardwalk was constructed. This work was completed with the assistance of the park trail management staff and Yosemite Fund volunteers. Non-native plant species were removed manually, with primary focus on Himalayan blackberry, bull thistle, oxeye daisy and common mullein. Monitoring established in 1998 to evaluate surface water hydrology and vegetation changes following restoration continued.

Wilderness Restoration: Two hundred inappropriately located campsites were removed and restored, and ninety-four campsites were reduced in size and maintained throughout park Wilderness. This was accomplished with nearly two thousand hours provided by two Student Conservation Association crews and one Yosemite Association volunteer workweek. Restoration staff presented training for Wilderness management staff,

Tuolumne District law enforcement rangers, and Student Conservation Association crew members. Restoration staff also refined and continued to expand the use of GPS/GIS systems for tracking wilderness restoration work and non-native plant populations.

Tenaya Lake Restoration: An obsolete 400-foot long roadbed was restored to natural conditions through soil decompaction and revegetation. Four hundred feet of social trails were decompacted, and one hundred feet of trail was seeded and mulched. Inappropriately placed picnic tables and concrete slab fire rings were removed and three new picnic table clusters were established. New fire rings were placed in each cluster. Concrete was taken to a staging area in Tuolumne Meadows, and the metal grates were recycled with scrap metal. Five permanent photo points, installed before project implementation, show restoration of the old road corridor and social trails, and overall condition of the lakefront. This work was completed with the assistance of Yosemite Fund and Chevron Volunteers.

Big Oak Flat Road Vanliner Site Mitigation: Program staff established photo points, conducted vegetation monitoring, and planted 119 whiteleaf manzanita seedlings at the Vanliner accident site on the Big Oak Flat Road in coordination with Resource Protection staff.

Plant Salvage and Monitoring of the Tuolumne Meadow Emergency Sewer Line Repair: The sewer line repair called for salvage of meadow plants in a 30-by-280 foot area where the ground was dug up to replace the sewer line. Quantitative and qualitative monitoring of the vegetation completed done before the project began. Unfortunately, due to delays in the project, program staff were unable to replant salvaged plants before the Tioga Road became impassible. To minimize plant loss, the exposed sod was covered with a staked poly-fiber. Exposed soil was covered with staked erosion control fabric. Staff will revegetate the work site in late spring of 2002. To date, the project has required 463 hours of program staff time.

Mariposa Grove Road: Program staff assisted with planning for the road alignment. In addition to providing consultation during planning meetings, staff members surveyed the road for vegetation damage due to poor infrastructure alignment, inventoried wetland plants in the grove, and delineated grove wetlands.

Inventory and Monitoring

Wetland Delineation: Three staff members attended wetland delineation training, and subsequently compiled a list of hydrophytic plants occurring in Yosemite and a map of potentially hydric soils of Yosemite Valley. These staff members have supported park operations by acting as COTRs for contracting wetland delineations for park projects.

Merced River Channel Morphology Monitoring: During the summer of 2001 staff resurveyed permanent riverbed profiles of the Merced River in Yosemite Valley.

Thirty-eight of the forty-four river cross-section sites were mapped. A poster describing the 2001 work – including a summary of data collected, a description of survey methods, and a discussion of data analysis and management implications, will be presented at the 2002 West by Northwest conference.

High Severity Burn Plots: Staff resurveyed ten long-term monitoring plots within the 1996 Ackerson Fire boundaries. Data were input into the FMH database for future analysis by vegetation and fire ecologists.

Schoolyard Oak Woodland: Oak seedlings were planted at this site in 1989. The gopher cages that were buried in the ground to protect the roots from herbivory were affecting lateral root growth and establishment. Following consultation with an arborist, these cages were dug up and removed over winter while the saplings were dormant. The saplings were deep-watered and monitored the following spring for survival, vigor, and growth. Over one hundred planted saplings survive after 12 years, and numerous seedlings are becoming naturally established in the area, as a result of site restoration and delineation of pathways and bike paths.

Sequoia Grove Inventory: Staff surveyed giant sequoia trees in all three groves to create a comprehensive GIS map of all mature sequoia trees in the park. In 2001 an intern working with Kathy Dimont in Environmental Services and park staff developed a database to track sequoia data including height, circumference, condition, fire scars, and tree condition. The database currently contains records for six hundred trees, snags, and stumps in the Mariposa Grove, and will be expanded to include trees in the Merced and Tuolumne Groves.

Rare Plant Populations: Staff mapped two new sites of mountain lady slipper along the Wawona and Tuolumne Grove roads, one new population of northern bedstraw in Yosemite Valley, and observed two potentially new sites of slender lupine along the Sunrise High Sierra Camp trail.

Non-native Plant Management

Site-Specific Projects:

El Portal:

Restoration staff and volunteer groups, including the California Conservation Corps and the Yosemite Association Weed Warriors, manually and mechanically eradicated yellow star-thistle populations along Highway 140, along roadsides within the El Portal administrative site, and above Rancheria Flat.

Staff manually removed hundreds of non-native plants from both sides of the 6.5-mile El Portal Road. Species removed included: yellow star-thistle, black mustard, ambrosia, lamb's quarters, rose clover, purple vetch, tocalote, sweet yellow clover, and spikeweed (newly found this year).

Staff conducted experimental vacuuming of rose clover and purple vetch seed on hillsides north of the El Portal Road in areas contaminated with exotic soils. Staff

sampled the vacuumed material to assess the amount of non-native seed, by weight that was removed by the vacuums.

Assembly Bill 1168 awarded the park \$3,000 for yellow star-thistle eradication in El Portal. The bill enabled the park to provide 230 labor hours of manual and mechanical control work, and establish a small monitoring program to assess the effectiveness of mechanical removal methods.

Foresta:

- Staff conducted yellow star-thistle surveys at locations where populations had been previously eradicated. Seed for these populations was transported to Foresta from El Portal between 1990 and 1997 via contaminated soil used for road maintenance. One existing population was found; fifty-nine plants were manually removed.
- Staff also surveyed and controlled spotted knapweed on road corridors and in riparian areas throughout the summer. Work included surveying previously treated locations, mapping locations of newly found populations and plants, and manually removing existing plants.
- Staff treated the one known park population of perennial pepperweed. Staff members noted a significant drop in the diameter of the roots removed this year as compared to the previous three years, and none of the pepperweed plants flowered this year. Adjacent riparian areas were surveyed for new populations.

McCauley Ranch:

Staff removed approximately 15,000 yellow star-thistle plants from McCauley Ranch.

Hetch Hetchy Road Project:

Staff surveyed the Hetch Hetchy road for non-native plants entering the park via fill from the Hetch Hetchy mine dump. Populations of black mustard, mullein, and sweet white clover, apparently originating from dump fill, were mapped and eradicated at culvert-replacement sites.

Yosemite Valley:

- Himalayan blackberry was mechanically and manually removed by restoration staff, Yosemite Institute students, California Conservation Corps, and Chevron volunteers at the former Lower Pines campground, the former Upper and Lower River campgrounds, the former Group Camp, Fern Spring, and Cook's meadow. A small portion of the Cook's meadow blackberry population was cut and stump treated with glyphosate by restoration staff.
- Georgia Stigall's incredible non-native plant removal volunteer program contributed over 900 volunteer hours from individuals and volunteer groups during FY2001, including Georgia's time, and removed 40,000-60,000 plants. The program primarily treated bull thistle, mullein, and salsify populations.
- Staff initiated a program to test the effectiveness of removing Himalayan blackberry by tilling. Staff established photo points and monitoring transects at five plots, totaling 0.15 hectares, in the former Upper and Lower River

campgrounds before tilling the plots with a Bobcat ripping attachment. This initial plant removal was extremely effective and efficient in comparison with manual removal.

Spotted Knapweed and McCauley Ranch Non-Native Plants: Staff applied for and received funds from Natural Resources Cyclic Maintenance in 2001 (\$10,600) and for two non-native plant management projects to be implemented in 2002 and 2003, under Senate Bill 1740:

Spotted knapweed– \$10,000 granted to continue inventory, mapping and control of spotted knapweed in Foresta.

McCauley Ranch - \$17,051 granted to control yellow star thistle, tocalote, black mustard, Himalayan blackberry, Klamath weed and mullein. The ranch supports the highest elevation population of yellow star thistle in the park, and is an important location for weed control due to current and potential future stock use.

California Exotic Plant Management Team (CEMPT): Federal funds were committed to implement a 5-year proposal for a California region weed team. Yosemite staff met with weed management specialists from state, local, and federal agencies throughout the state to negotiate resource allocation: the park will receive five weeks of the team's time during summer 2002.

Ecological Restoration and Vegetation Management Volunteers

Program staff continued our partnership with the Yosemite Association (YA), the Yosemite Institute, and Yosemite Concessions Services (YCS), and the Yosemite Fund to accomplish park goals. YA volunteers donated over 1,950 hours during YA workweeks in support of continuing, generally unfunded vegetation management and ecological restoration projects. Yosemite Institute students and staff contributed 789 hours to non-native plant eradication through their environmental stewardship program, and YCS continued their environmental stewardship program through financial support of the YA volunteer workweek program. Yosemite Fund corporate volunteers from Chevron, Deloitte and Touche, and Capital donated a total of 5,700 hours of labor at the Cook's Meadow, Tenaya Lake, and Tuolumne and Merced Grove restoration sites.

Georgia Stigall returned to continue management of her volunteer non-native plant eradication program. She enlisted nearly 100 volunteers, for the vegetation management program and together they accomplished 540 hours of work focused on control and eradication of non-native species in the park. The program staff nominated Georgia for the Yosemite Fund Award for 2001.

Planning and Compliance

During FY 2001 program staff contributed significantly to the following planning documents:

- Yosemite Valley Plan
- Non-Native Plant Management Plan

- Fire Management Plan

Safety

Victor Goldman continues to serve on the Mather District Safety Committee and the Parkwide committee. He has been influential in developing Job Safety Analyses for each of the program's tasks, and has kept program staff current with new issues, regulations, and trainings pertaining to safety. Sarah Starosta participated in a review of the draft blood-borne pathogen Standard Operating Procedure for the park. Park-required safety kits became standard equipment in each program vehicle, and were added to the monthly vehicle inspection sheets. The program supported continued Emergency Medical Technician certification for Sarah Starosta.

Talks, Presentations, and Field Workshops

Yosemite Research Priorities Workshop, March 2001: Sue Fritzke presented Vegetation resource Issues, History, and Research past and present. Marie Denn presented the same for Water Resources.

The Yosemite Area chapter of the Audubon Society, April 2001: Sue Fritzke presented a program on ecological restoration work in Yosemite Valley. Topics covered included the differences between revegetation and restoration, project prioritization, and strategies for future restoration work following approval of the Yosemite Valley Plan in December 2000. Approximately twenty-five people attended at the Mariposa County Library in Mariposa.

West Valley College Park Management Class, April 2001: Sue Fritzke presented an overview of the Yosemite Vegetation Management Program.

Sierra Nevada Alliance, August 2001: Sue Fritzke co-led a 4-hour field trip about river restoration to twenty participants of this weekend-long workshop. Topics included restoration prioritization, monitoring, the appropriateness of using heavy equipment for restoration work, volunteer contributions, revegetation techniques as a follow-up to site restoration, and long-term results. Marty Acree provided critical insight into heavy equipment and planting techniques during the course of the walk.

Fresno State University Descriptive Vegetation Sampling Lab, September 2001: Sue Fritzke assisted with site locations, species identifications, descriptions of processes and events that shaped the sampled vegetation communities at Mariposa Grove and Wawona Meadow, and assisted with student field work.

Out-of-Park Coordination

California Department of Food and Agriculture: Following discovery of the use of

weed-seed contaminated soils as a "top dressing" on the newly reconstructed El Portal Road corridor, vegetation management staff worked with Joe DiTomaso, Non-crop Weed Specialist for the California Department of Food and Agriculture to develop an emergency and long-term strategy for weed management along the 6.5 mile road. Funding strategies, timing, and long-term issues were coordinated with Laurie Lee Jenkins, YOSE Project Management and Nancy Dunkle, Landscape Architect/Revegetation Specialist, Denver Service Center.

Noxious Weed Alliance/Central and Southern Sierra Weed Alliance; Lisa Ordonez attended meetings of this group to set statewide priorities and coordinate strategies for non-native plant eradicate.

NPS Pacific Northwest Region Natural Resources Advisory Committee; Sue Fritske served as the Sierra Nevada Network representative of this committee, and attended meetings in Seattle and Oakland to facilitate review of the 2002-2003 Service wide Natural Resources Comprehensive Call. She also participated as the Pacific West Region's representative on the national review panel for NRPP Disturbed Lands Restoration and Abandoned Mineral Lands Restoration project proposals.

Division of Facilities Management

Mission

The GPRA mission for the division is to maintain all park facilities in compliance as mandated by all regulatory agencies, as well as assure safe access for all park visitors and employees, protect the natural/cultural resources, and protect our capitol investment.

Yosemite Facilities Management Division is dedicated to fulfill the NPS mission through our creative maintenance management, design and construction administration, and care of park capital assets and natural and cultural resources. We pride ourselves in our ability to serve visitors, be accountable, and protect resources.

We share a commitment to resource stewardship, strive continually to learn and improve so we may achieve the highest ideals of public service, deal honestly and fairly with the public and one another, are proud of and learn from our NPS park maintenance heritage, and we embrace each other' differences.

We “go the extra mile” to provide our customers equal opportunities to enjoy a healthy and safe park experience. We provide safe work environments and skills to employees to access job hazards, knowledge of safe work practices, and we ensure employees have required safety items.

We care and believe in our employees, ensuring they all receive equal opportunity, and treatment in placement, promotions, training details, and career and professional development opportunities.

As primary program and project managers, we take great pride in our ability to responsibly manage ONPS and various special fund accounts, e.g. cyclic, repair/rehab, reimbursable, housing initiative, Yosemite Fund, Green Park Energy, and other grant.

We are a strategic partner in implementing the Yosemite Valley Plan, believe in freedom, liberty, and the pursuit of happiness.

Budget

Total: \$17,579,218

ONPS: \$9,050,115
Cultural Cyclic Maintenance: \$173,100
Regular Cyclic Maintenance: \$487,500
Repair/Rehab: \$1,353,218
Title V Construction (Hwy 140 Rockslide): \$130,342
Title VIII: \$334,378
Equipment Replacement: \$75,516
Construction: \$130,342
Hazardous Waste Management: \$76,500
YCS-Trails/Snow Removal: \$164,365
Maint. Advisory Committee (MAC) Travel: \$14,713
Recycling Revenue: \$2,849
20% Fee Demonstration: \$212,860
Hetch Hetchy: \$211,358
USFS Forest Pest: \$5,000
Utility Income: \$3,857,165
Solid Waste Income: \$23,083
Donation: \$43,448
Quarters: \$1,143.839
USDE/PG&E Retrofit: \$12,036
Mess Income: \$77,491

Staff

1 Chief, Division of Maintenance and Engineering, Vacant, GS-14
1 Secretary, GS-7
1 Computer Specialist, GS-11
1 Facility Manager, Term GS-11
1 Budget Analyst, GS-11
1 Budget Assistant, GS-7
1 Safety Tech GS-8
1 Program Coordinator WG-9 (Detail)

FTE for the Maintenance Division: 240.09

FTE of lapsed positions: 29

Highlights

Settled United Anglers of California complaint.
Implementation of Facilities Management Software System, Maximo
Trained Maintenance Chiefs, foremen & support personal in Basic Maximo
Trained Concession personal in Basic Maximo.
Trained personnel in other Pilot Parks.
Trained & attended Condition Assessment Training in Seattle.
Trim location hierarchy from 22% of total assets to 2.5%.
Update assets as Washington changes these codes.

Develop database to import 444 reports to & figure base + benefits at different pay differentials for Maximo.
Develop database to import GSA vehicle mileage & rates to arrive at a per mile cost for use in Maximo.
Develop database to track Asset Priority Index for 1600 assets.
Develop simplified user guide for Yosemite users.
Met with protection employees to explore ways to incorporate protection division with Maximo.

Roads and Trails Branch

Staff

1 Facility Manager, Dean Glenn, GS-14
1 Maintenance Mechanic Supervisor, Jim Cyr, WS-14
60 Permanent Employees
20 Subject-to-furlough Employees
9 Term Employees
12 Promotions (NTE and Permanent)
99 Seasonal (Includes 46 YCC Employees)
3 Details
3 Volunteers
1 Student Hire
0 Interns
1 Retirement

Work Units: 4 Road Districts (El Portal, Wawona, Valley and Mather), Solid Waste, Trails, Machine Shop, Sign Shop, Corrals, 2 Forestry Districts (Mather and Valley), YCC, Forester, Avalanche Management, Interior Fleet Management and Explosives Management.

Corrals

Packing for Yosemite Association Ostrander
13 Strings of wood
2 Strings of food
2 Strings of human waste
4 Bottles of propane
Packed in solar panels
Blasting training for two packers
Pasture contract for stock
Hauled and turned out stock to Daulton Ranch
Cleaned corrals in Tuolumne Meadows and Valley
Hauled manure from Tuolumne Meadows corrals
Hauled manure from the Valley corrals

Total Loads Packed for the Season:

2,280 loads were packed
456 strings of mules went out
Total weight packed approximately 290,039 lbs.
Total tons packed approximately 145.01

May 2001

May 2001, Bishop Mule Days, 4 first place and 1 second place finish.
Governors Award at Mule Days
3rd overall Packing Team

JUNE 2001

Campmoves and Packing Operations:
Trail Crew and CCC to Illouette Creek
Pack steel trusses to Snow Creek Bridge
Move trail crew to Morrison Creek
Move trail crew to Morrison Lake
2 eight-day logging operations.
Camp move to Buena Vista Lake

JULY 2001

Campmoves: Paradise to Kerrick Canyon, trail crew and CCC crew
Campmove from Virginia Canyon to Matterhorn
Food order runs with mule trains
Logging continues
Campmove from Illouette Creek to Soda Springs South end
Packing from the forest side from Chiquita Lake trail head to Soda Springs
Benson Lake Spike Camp move from Matterhorn
Indian walk from Valley to Snow Creek to Pate Valley
Campmove from Matterhorn to Benson Lake

AUGUST 2001

Packing for Fire in to Lost Valley
Packing for Yosemite Fund trip in to Ostrander
Congressman trip to Merced Lake
Packing for the Sierra Club from Pate to Gardner Camp
Packing trips for food orders
Merced Lake Trail Crew Campmove
Campmove from Kerrick to Pate Valley via Paradise Valley
Packing dirt Buena Vista Lake
Campmove in to Buena Vista Lake for the Kish crew
Packing timbers to Middle Base Camp Lylle Canyon
Pack trip Merced Lake with Sup and Company
Logging trips continue

SEPTEMBER 2001

Campmove from Merced Lake to Yosemite Valley
Packing concrete and railings to Middle Base Camp
Pack CCC out of Buena Vista Lake to Valley
Pack CCC out from Pate Valley to White Wolf
Pack trash from Ostrander Lake cabin
Pack Trial crew out from Pate Valley to White Wolf
Packing gear out of Benson Lake
Stone boating rock at Glen Aulin Bridge (pulling stock)
Packing food orders and logging operations continued

OCTOBER 2001

Campmove from Benson Lake to Pate Valley\
Campmove from Buena Vista Lake to Ostrander parking lot
Bill Hume was the cook for the packers coming in from Benson Lake
Attended specialized training in Sacramento and San Francisco
The whole Corrals crew attended back safety training.

PARK FORESTER

NPS Tree Hazard Documentation and Mitigation (11%): Worked with Valley and Mather Forestry Crews and residents to identify and mitigate tree hazards. All reported possible tree hazards were promptly investigated, and work referred to forestry crews as warranted.

Utility Tree Hazard Documentation and Mitigation (PG&E: 10%, PacBell: <1%, S.F. City: < 1%): Coordinated tree removal and debris disposal with Maintenance, Resource Management, Protection, Administration, and Fee & Revenue Management Divisions, recommending or reviewing work on over 2000 trees.

Concession Tree Hazard Documentation and Mitigation (13%): Surveyed all YCSC land assignments; prescribed and inspected work on 83 trees.

Tree Failure Reporting (3%): Documented reported tree failures in developed areas open to public use in accordance with standards from federal recreational areas.

Environmental and Cultural Compliance (10%): Drafted, provided additional compliance documentation, and presented for discussion five proposed tree projects, including the comprehensive Forestry Annual Work Plan, through the Planning Clearinghouse process (5%). Contributed to and reviewed administrative draft of Fire Management Plan (3%), and Lower Yosemite Fall Plan, (1%).

Timber Contract Administration (14%): Administrated two timber sales without reportable accident. Contractors removed over 47,000 cubic feet of logs and rehabilitated roadsides and other developed areas with over 1,000 hours of private equipment and personnel time worth approximately \$76,500. Generated and additional \$33,598

government income from timber sale proceeds. Total value of the timber sale program exceeded \$110,000.

Forestry Health monitoring (7%): Coordinated annual park wide aerial mortality survey, mapping approximately 40,000 acres of insect damaged trees. Continued intensive sampling and reporting of lodge pole needle miner under contract. Continued sampling for Douglas-fir tussock moth as part of early warning network. Secured USDA Forest Service grants (\$5,000) to cover over 80% of forest health monitoring contract costs and 100% of control costs (\$11,325) for lodge pole needle miner at Sunrise High Sierra Camp.

Forestry Education (7%): Continued submitting articles in Yosemite Guide and issued timely tree failure advisories and other educational forestry notes through Daily Reports. Participated in numerous conferences and training's relating to Forestry operations.

Equal Employment Opportunity and Safety (integrated/2%): Recognized outstanding efforts of White and Native American coworkers with successful award nominations. Participated in supervisory safety trainings.

Maximo implementation (21%). Worked with Maximo implementation team to develop a maintenance management system.

PMIS (1%). Developed and entered project data for Roads & Trails Projects.

Outstanding Accomplishments:

Two remarkable features include reinvention of timber sale contracting, and interdisciplinary recognition of cooperation.

The timber sale program at Yosemite before 1995 was often the target of written complaints and even congressional inquiry. The pre-negotiated small sales developed in 1998 eliminated lead time for bidding, made small timber sales more feasible and flexible, better meeting Park needs, and distributed contract work in the Park to many more small business owners/operators who were previously not able to compete. As many as three concurrent small sales have been effectively managed. Proactive planning, information, cooperation, compliance, and rehabilitation efforts have also drastically reduced staff complaints about timber sales and eliminated written visitor complaints. As mentioned in the current accomplishments, the annual value of timber sales at Yosemite continues to exceed \$100,000.

Interdisciplinary cooperation has not only been improved beyond any complaints, but has actually resulted in numerous unsolicited written thanks, nearly evenly distributed from other divisions, other parks, other agencies, and non-governmental organizations.

Sign Shop

No lost time injuries in FY 2001

Tioga Road and Glacier Point Road opening signage issues were address and new signs installed as required.

Supported the Striping contract with project monitors and COR's

Replaced 8 non-compliant Chain Control signs Park wide.

Supported the Recovery Division with signs for in-park and out of park concerns.

Striped major parking lots throughout park

Designed and fabricated and installed 16 Valley Mall maps.

Designed, fabricated and installed signs for the Hetch Hetchy 2001 Winter Security Plan.

Supported the temporary visitor parking at Camp 6

Fabricated approximately 55 arrowheads and plaques and 26 house nameplates.

Replaced 11 wayside bear exhibits valley wide.

Supported hwy. 395 and 120 road closures with signs.

Redesigned and fabricated Crane Flat area ski trail signs.

Created working solutions to park projects via signage

Valley Roads

Crack sealed Mall area

Did pavement grinding in the Mall Area to mitigate safety concerns

Crack sealed Southside drive and parts of Northside drive.

Patched potholes throughout Yosemite Valley

Patched potholes on highway 41 in conjunction with the Wawona roads. Crew

Pulled ditches in Yosemite Valley

Cleaned culverts throughout Yosemite Valley

Normal winter ops, plowing snow, sanding roads, etc.

Supported Mono County with equipment during the rockslides on the East Side of Tioga road, in Lee Vining.

Opened Tioga road.

Hauled equipment for Resources in support of their project in Tuolumne Meadows.

Implemented Job Hazard Analysis program.

Supported Corals operation with equipment.

Repaired equipment and built racks for blades.

Attended Avalanche training in support of the Tioga road opening.

Mather Roads

Normal road ops such as plowing snow, sanding of roads, etc.

Continually responding to rocks on road and cleaning up debris.

Scaled back the bank at Blue Slide on Tioga road after the rockslides that filled the ditches and plugged culverts. Worked on this project for over four weeks.

Tioga road opening

Worked on the Crane Flat look out road repairing holes and ditching.

Repaired the road and patched potholes on campground roads.

Repaired shoulders and potholes on Tioga Road.

Did maintenance on vehicles
Had numerous training's and accomplished the JHA's

Trails

Comprehensive trail maintenance completed on 263 miles of trails
Accomplished trail logging on approximately 97% of all park trails
Began re-construction of the Tenaya zigzags trail
Accomplished reconstruction of the trail from Happy Isles to the Snow Creek Bridge on the Mirror Lake road.
Completed Abutment repairs to the twin bridges above Glen Aulin.
Completed abutment repairs to the main river bridge at Glen Aulin
Completed abutment repairs to Housekeeping Bridge
Completed re-decking the Middle Base Camp Bridge over the Lyell Fork of the Tuolumne River.
Continued reconstruction of the Kerrick Canyon / Bear Valley Trail. (50% completion)
Began re-construction / restoration of the trail from Buena Vista Lake to Johnson Lake. (90% completion)
Began installation of Cook's Meadow Boardwalk / Phase 1. (90% completion)
Completed repairs to the Murphy Creek trail
Completed removal of the 1.2 log bridge abutment below Mirror Lake
Completed repairs to the Indian Creek bridge abutments.
Completed repairs to the trail from Smedberg Lake to Benson Lake
Completed repairs to the Old Big Oak Flat road trailhead
Completed fabrication of 30 new metal trail signs.
Continued re-construction / restoration of the Grand Canyon of the Tuolumne trail system. (60% completion)

Youth Conservation Corps (YCC)

Devil's Postpile Campground Renovations. Installed 25 bear boxes, picnic tables, fire grates, and constructed tent platforms for each campsite.
Trails Maintenance. Trail Maintenance was accomplished which included brushing, maintenance on 50 miles of backcountry trails in the Tuolumne River Drainage.
Campground Furnishing Project. Replaced 700+ picnic tables in 6 campgrounds, park wide.
Trail Construction. Assisted trails crews with trail reconstruction on the Tenaya Creek Trail, which was destroyed during the flood of 97.
Merced Lake Water and Sewer Project. Removed old toilet sump and 40 feet of 4-inch sewer pipe at Merced Lake High Sierra Camp, dug 200 feet of trench, installed new electrical conduit. Constructed new gray water leach field, approximately 165 feet at the Merced Lake Ranger Cabin.
Sunrise High Sierra Camp Sewer Line Repair Project. Set up temporary bypass, dug up and replaced approximately 1000 feet of old sewer line, replaced approximately 75 feet of water line to the High Sierra Camp kitchen, cut approximately 1000 feet of old water pipe to be flown out by helicopter.

MATHER ROADS

No lost time injuries

All of HWY 41 kept open through heavy snowfall in 2001

Spring opening done on a timely manner. Opened by first week of May

Graded Chowchilla road and did drainage road.

Did washout repair on 11 Mile Road and shoulder repair.

All employees attended Avalanche training

Did JHA's for work site projects

Did crack sealing with Valley crew on Northside drive and Southside drive in the Valley

Pulled ditches with valley crew from Little Lulu to Strawberry chain control

Skin patched road from Little Lulu to Strawberry chain control

Had training on MSDS and Right to Know

Put in snow stakes with assistance from Valley crew, on Badger road and Highway 41

Made repairs to Badger road, removing ice blister and replaced with new road base and MC-800 mix.

During the past year there were three acting Roads Supervisors in the Wawona Roads Operation, Steve Ybarra, Dave Morrow, and Bill Cordry.

After months of waiting for HR to get things done, finally got a supervisor hired for Wawona Roads.

Held training for the crew on the new Kodiak rotary, held at South Fork.

MATHER FORESTRY

616 trees were removed, 35 trees trimmed, 25 truckloads of slash, 55 logs and 2 chips hauled, 72 stumps flushed.

7 weeks assisting Valley Forestry Crew in roadside tree hazard removals in their districts.

worked two weeks assisting Valley Forestry in trimming trees in El Portal

Worked three weeks assisting Mather Roads in roadwork at Blue Slide on Tioga Road.

Worked fifty-eight person days assisting in fire suppression efforts. This includes weekends and holidays.

All attended a one-week course in tree felling certification and safety.

Had safety meetings.

SOLID WASTE / EL PORTAL ROADS

Performed trash collection, park wide without missing one scheduled route.

Collected and transported 1600 tons of trash to landfill

Performed bin maintenance, placement and sanitation of bins park wide.

Performed trash removal out of park without personal injury, or vehicle damage in the 37,000 miles driven.

Performed trash collection to the Tioga area on HWY 120 east (Tioga Pass Resort and campgrounds during slide on East Side.

Normal snow removal and sanding operations

Graded and ditched fire access roads and residential areas
Provided crane training to personnel and maintained crane certification.
Assisted YCC program transporting trailers
Pave two bus stops as part of the YARTS project
Removed rocks and repaired damaged on 5 separate slides
Was the COR on 140 repair contract.

MACHINE SHOP

maintain a fleet of 248 GSA vehicles
Over 1300 work orders processed for GSA and Interior vehicles
Help with support on spring opening of Tioga road
Installed larger engine on GMC Jeep Wrecker
Repaired fans in Big Oak Flat tunnel
Annual crane certification with no vehicles taken out of service
Repaired road grates in Wawona Tunnel
Helped with warranty work on Kodiak
Biodiesel testing in El Portal and Yosemite Valley
Initiated student hire practices in the Machine Shop
Fabricated support structure for Tuolumne Visitor Center chimney
Changed out the new style chain control signs for Sign Shop
Installed overhead protection on Warehouse forklifts

VALLEY FORESTRY

Assisted with fire control by giving 505=65 person hours in assisting in fire control in Yosemite and out of park assignments.
Assisted Mather Forestry with approx. 620 man-hours in roadside tree removal
Assisted Mather Forestry with scaling rocks at Blue Slide on Tioga road
Helped Interpretation making benches for Junior Woodchucks, supplied firewood for the Cultural program and for the annual Mariposa Indian Days
Supplied logs to the Preservation shop for historic structures.
Assisted Telecom with aerial platform for antenna replacement
Had crane certified
Attended many different trainings.
Felled 1046 trees, trimmed 90 trees, topped 5 trees, responded to uprooted trees, RPO trees, hauled 192 loads of brush chips, etc.

Buildings and Grounds Branch

Staff

1 Facility Manager, Building and Grounds, Larry Harris

55 Permanent employees
20 Subject-to furlough employees
4 detailed employees
0 Term employees
57 Seasonal employees
4 Volunteers / Groups
1 Transfer

Highlights

Reviewed Superintendent annual review of safety policy guidelines.
Staff participated in Safety Stand Down Day, which resulted in substantial personnel and safety improvements park-wide
Accomplished essential energy conservation surveys in all districts, concurrently applying and strategies and developing alternative energy uses throughout park.
Provided basic training and detail assignments for FMMS staff for implementing program. provided Historic preservation, basic in-house maintenance and computer program training
Supported and maintained the basic park-wide recycling program.
Completed 903 Individual Maintenance Work Orders Parkwide
Painted Interiors; on 27 units totaling 80,050 square feet.
Painted Exterior; on 25 units totaling 46,000 square feet.
Replaced Roofs; on 8 units totaling 105 roof squares. See historic preservation data below for additional roof replacement projects.
Replaced Floor Coverings: (carpet and tile) 20 units totaling 17,200 square feet.
Purchased and replaced \$ 26,000.00 dollars of furniture for seasonal / employee housing parkwide.
Complete Landscaping Improvements Res. 759, 732, 860, 738, 721.
Miscellaneous Landscaping /Drip Systems: Completed 9,200 square feet.
Replaced 25-appliance unit's park-wide (ranges, refrigerators and dishwashers).
Prepared 22 houses for new tenants (permanent and seasonal).
Replaced electric panel- Wawona Res.4175
Rehab of Employee Housing completed 15 individual units which included painting, flooring, fixtures, plumbing and electrical.
Removal / Rehab portion of El Portal complex (BLDG. 759) for new dispatch facility.
Relocated / Rehab Kiewit trailers for Resources.
Replaced damage explosion proof skylights in shop areas of building # 759.
Replaced 720 SQ FT Trex type decking at Fiscal BLDG.
Replace / Repair 1,120 SQ FT decking at El Portal Mission 66 houses.
Major rehab & repair of 3 El Portal Mission 66 houses.
Replaced 7 solar water heater units in El Portal at Res. unit's # 740, 741 and 742 apartments.
Repaired unsafe overhead doors at El Portal complex (building # 759).
Replaced 720 Linear Ft of new rain gutter inn El Portal on 6 housing units and building # 6123 in Mather.

Set-up Camp 6, restroom trailer facility including accessible ramps and deck.
Rehab of individual housing components in Valley District housing Res. 12 bath and kitchen Res. 34 kitchen, Res. 39 kitchen and bath.
Res. 55 repaired house from tree damage, work included roof, siding and windows.
Completed temporary repairs to underground boiler pipe system, which provides winter heating to valley district, visitor center and both auditoriums buildings.
Installed fire rated door on valley firehouse.
Installed photocell lights on valley campground comfort stations.
Woodcraft Cabinet Shop completed 67 individual projects park-wide. Projects included interpretive displays, bulletin boards, cabinets, desks, and shelving and historic housing replication items.
Installed water system in corral area at building 4100- PYHC Gray Barn.
Replace damaged metal roof panel- Glacier Point Comfort Station- Building 5211.
Started complete rehab- Res. 5000.
Performed energy use audit of all District buildings- installed devices to conserve electricity.
Painted interiors- PYHC comfort stations- Buildings 4108 & 4109.
Sterilized rodent contaminated structures- Building 4003 & Residence 5000.
Cleaned up vegetative debris around seasonal houses and buildings to provide required fire clearance.
Performed annual wood-stove flue cleaning and inspection park-wide.
Contracted / NPS cleaned 19 seasonal houses prior to occupancy.
Painted Wawona Campground Amphitheater seating.
Corrected Tucker shed foundation, drainage and heat in Mather district.
Constructed 2 shower houses for Bug Camp and White Wolf housing area.
Constructed 4 wood shed in Hodgdon Meadow housing area.
Installed LPG heater in Building 6137, Mather district.
Installed Security doors on building # 2100, Mather district.
Bear proofed storage lockers in Mather camp.
Enhanced the BOF entrance station with island rock and landscaping.
Continued with Tuolumne facilities pest abatement work.

Design and Engineering Branch

Staff

1 Branch Chief, Design and Engineering, Don Fox, GS-13
7 Permanent employees
1 Subject-to-furlough employees
3 Seasonal employees
0 Detailed employees
0 Interns
1 Volunteer

Highlights

Installation of new textile media filter wastewater system for Yosemite Institute Crane Flat campus shower house completed. Also, replacement of secondary electrical service and some campus water lines.

Contract awarded and construction initiated for Replacement of Tuolumne Meadows sewer force main at river crossing completed.

Cleaning, assessment, and database compilation of 1/3 of the Yosemite Valley sewer lines completed. Contract documents prepared and contract awarded for completion of the same for the rest of the Valley and for El Portal (work proceeding).

Replacement of severely cracked clay sewer line in Rivers Campgrounds (Curry Village main trunk) completed.

Construction completed of concrete portion of Chinquapin water treatment building.

Construction contract awarded to replace Badger Pass sewer collection system, septic tanks, and lift station.

Rehabilitation of White Wolf water supply well.

Design, compliance, and preparation of contract documents proceeding for replacement of Crane Flat campground septic tanks.

Design, compliance, and preparation of contract documents proceeding for replacement of primary electrical system in North Pines and Upper Pines campgrounds.

Design and contract documents completed for replacement of Yosemite Falls comfort station/ Yosemite Lodge sewer line. Compliance is proceeding.

Design contract awarded and preparation of contract documents proceeding on installation of new sewer line for the El Portal Chapel.

Contract documents prepared for conversion of the former Property Management Office to a combined dispatch facility.

Happy Isles Gauging Station Bridge Removed.

Constructed 500-ft. of boardwalk in Cook's Meadow.

Tuolumne Gasoline Tank Removed.

Repaired El Portal Road (Hwy. 140) - damaged by a rockslide.

Met with Yosemite Concession Services Corporation five times to provide evaluations accessibility problems and recommend solutions.

Completed Drainage Improvements at the El Portal Fire Station.

Completed construction of new Emergency Communications Center (Dispatch) in El Portal

Completed relocation and set up of "Kiewit" trailers for new Resource Mgmt offices.

Provided basemap and utility infrastructure maps to support YVP

Provided miscellaneous data (CAD and other) to private consultants

Developed detailed infrastructure CAD data and provided to Resources Management GIS Branch for planning.

Performed field survey for the following projects:

Topographic survey for Sequoia NP (Ash Mountain Facility) oil water separator project

Topographic survey for Kings Canyon NP (Grant Grove, Columbine) new comfort station

Topographic survey and profiles for emergency sewer line repair Tuolumne Meadows

Topographic survey and profiles for Yosemite Valley emergency sewer line repairs

Topographic survey for Hodgdon Meadow oil/water separator

Topographic survey for Crane Flat Campground septic tank replacements
Topographic survey for El Portal Chapel sewer line replacement
Documented archaeological testing in Yosemite Valley and El Portal
Using historic drawings determined the placement & field located the YP&C's former maintenance yard, historic residences, and road for the Lower Yosemite Fall project.
Surveyed sewer line along Northside Drive for A/E to determine if proposed new comfort station could be gravity sewer- Lower Yosemite Falls project.
Staked out design of new manholes at Badger Pass
For the proposed Indian Cultural Center, procured a field survey using a private company who volunteered their time and performed a subsequent field survey to provide Yosemite Fund A/E with a basemap for design.

historic preservation: Cultural Cyclic Program

Merced Grove Cabin (Bldg. 6200) CRPP project (May-July)

New staggered course cedar roof

Deteriorated sill logs replaced on all elevations

New shutters @ all windows

Windows and screens repaired @ all locations

Masonry stonework restoration @ front and back porches

2 wall logs replaced at front elevation + 8 log crowns repaired all elevations

Wawona Hotel, Washburn Cottage (Veranda Preservation) (August- December)

Cultural cyclic exterior veranda restoration

Re-construction & replacement of North staircase

Replacement of T & G decking north, east elevations

Seismic retrofit and replacement of post and beams with concrete foundation stem walls @ all elevations and crawl space

Replacement of veranda framing on north and east elevations

Replacement of 2 deteriorated sills on north and east sides

Restoration of Victorian railing and scrollwork on south and east elevations

Restoration of all exterior stairways

Contract Historic Roofing (Cyclic)

LeConte Memorial Lodge (Bldg. 609) (Sept.-Nov)

Replaced existing cedar roof with sugar Pine roof 24 squares

Restored hip ridge boards

Plywood sub-roof diaphragm installed for seismic stability

Valley Chapel (Bldg. 580) July

Replaced existing sugar pine roof in kind

40 squares hand split shakes

Tuolumne Campground registration building (3005) Sept
8 SQ cedar staggered course roof

Bruin Baffle (30XX) Sept
4 SQ cedar roofing

Hills Studio (Bldg. 4414) April
26 Squares. 16" Cedar Roof
Restoration of roof railing

Wawona Covered Bridge Stabilization Oct- Nov
Severe deterioration and failure of 3 transverse floor timbers required closure by FHWA
Stabilized 4 of the cross transverse floor beams with 4 X 16 pressure treated timbers
through bolted on each side of timbers.
Re-tightened tensioning rods and removed numerous shims at truss connections
Bridge re-opened to pedestrian traffic only 12/01

Tuolumne Visitor Center (Engineered roof stabilization) (3010) June-July
Roof strengthening @ front gable and Porch intersection
Steel cables installed to prevent snow load damage
1 north gable Log rafter repair
Steel fabricated connections

Utilities Branch

Staff

1 Facility Manager, Utilities Branch, Richard Adams, GS-13
47 Permanent employees
10 Subject-to-furlough employees
3 Detailed employees
3 Term employees
17 seasonal employees
0 Interns
0 Volunteers
2 Resignations
4 New Hires

Highlights

UTILITIES MANAGEMENT

Completed the El Portal Wastewater Treatment Facility Risk Management Plan, required by Environmental Protection Agency regulations.
Completed the El Portal and Wawona Wastewater Treatment Plant capacity engineering evaluation for Yosemite Valley Plan efforts.

Contracted with Kennedy/Jenks Consultants A/E for park current and future engineering and construction.

BACKCOUNTRY UTILITIES

Operated and maintained six public water systems located in remote areas of the Park. These surface water systems produced over one million gallons of potable water to State Standards.

Operated and maintained two Wilderness Ranger Station non-public water systems.

Operated and maintained three septic systems and two grey water systems at the five High Sierra Camps. Removed 3500 gallons of septic sludge with the Park contract helicopter.

Operate and maintain nine public toilet facilities in remote locations of the Park.

Removed seven tons of composted human waste from these locations with pack mules.

The log structure composting toilets at Nevada Fall and Little Yosemite were treated with an insecticide and water sealer.

Low flow toilets with automatic flush valves were installed at comfort station at Vernal Fall Bridge for energy conservation.

Vernal Fall water system submersible pump was replaced and upgraded for energy conservation.

Motion sensors were installed in Vernal Fall comfort station for energy conservation.

Removed toilet sump from the former campground at Merced Lake and restored the area to Wilderness. This project was performed with the assistance of the Youth Conservation Corp (YCC).

Bear poles were dismantled and removed from campgrounds at Merced Lake and Glen Aulin.

Trenched and installed 200 feet of electrical conduit for the Merced Lake High Sierra Camp (HSC) sewer system controls. YCC provided assistance.

Installed new pipelines and leach field for the Merced Lake Ranger Station grey water system. YCC provided assistance.

Replaced 200 feet of sewer line and 75 feet of water line at Sunrise HSC. YCC provided assistance.

BCU Supervisor performed as a member of the Yosemite National Park Bear Council.

BCU Work Leader performed as a member of the El Portal District Safety Committee.

Installed passive composting toilet at Merced Lake Ranger Station at demolished and removed pit toilet. YCC provided assistance.

Provided stock support for Merced River Sanitary Survey performed by San Jose State University.

Replaced gasoline powered pump at Little Yosemite Valley Ranger Station with a solar powered pumping system.

Assisted Trails Department with technical support for solar water pumping systems.

Repaired and sealed Vogelsang HSC water tank.

Repaired Vogelsang composting toilet with the assistance of Buildings and Grounds

Department.

Provided Yosemite Concession Services with technical support for composting toilets at Vogelsang HSC and Sunrise HSC.

Applied shingle oil water sealer to Vernal Fall comfort station roof.

Install water sample station on Vogelsang water system.

Repaired and rehabilitated two backcountry camps using YCC labor.

Completed leach field rehabilitation of backcountry camps.

Electric High Voltage

- Supported the Highway 140 construction efforts by designing and placing electrical and communication lines for entrance station.
- Replaced secondary electrical feeder lines within Yosemite Valley floor.
- Assisted in the construction of the energy management hardware provided by Department of Energy project manager.
- Wiring for New El Portal Dispatch. Tie in to Emergency circuits, Overhaul emergency generator, and new dispatch transformer.
- Install new vent fans motor, bearings, for carbon Monoxide detectors and vent system Wawona Tunnel.
- Replace secondary tunnel feed on the Big Oak Flat tunnel, new transformer, cables, and panels.
- Replaced 2400-volt Cascades circuit with 12,000 volt primary, new transformers poles and conductor.
- New service for El Portal Maintenance building communication tower, New Transformer, conductor, panels
- Installed new communication antennae with communications shop, Turtleback.
- Rebuilt and reinstalled White Wolf Generator.
- Installed new electric car chargers El Portal Maint. Building and Yosemite Valley.
- Replaced four power poles between Cascades and Big Oak Flat Tunnel.
- New 480-volt Automatic Transfer switch North Pines Lift Station.
- New Service for new (Kiewit) Trailers El Portal Maint. Area. New Transformers, service drop, panel.
- New Transformer and service for Crane Flat Institute.
- Added emergency circuits for Information Mgmt, El Portal Maint. Building.
- Maintain and repair three-megawatt high Voltage and secondary distribution system Yosemite, El Portal
- Maintain and repair 12 standby and two primary source generators Yosemite, Crane Flat, El Portal, and White Wolf.
- Replaced Guys anchors, conductor on Glacier Point 12KV overhead line pole (storm damage.)
- New fuel cell for Yosemite Valley.

Electronics Operation

- Working with YCS Security on incorporating all of their alarm systems into the new Dispatch Center Automation system.
- Continuing to update all of the parks alarm systems into the new Automation system.
- Troubleshooting and repairing over 1000 park wide alarm devices.
- Working with fuel maintenance contractor on applying new EPA tank testing standards to all of the current fuel delivery systems.
- Ensuring ongoing correct operation of parks traffic counter systems.
- Performed Electronics and Computer support for High Voltage and BCU.

El Portal Utilities

- Completed the Energy Savings Performance Contract ECM's and started a measurement and verification plan.
- Completed the Department of Energy management project for the wastewater treatment plant greening of federal facilities efforts.
- Preventative Maintenance of four Wastewater Treatment Plants and one Water Treatment system.
- Remove old sewer system from Kiewit site and Federal Highway site.
- Install new water and sewer system for trailer relocation.
- Repair and rebuild various equipment for the water and wastewater treatment process, including the following: chlorinators & sulfonators, cranes, primary digester mixers, digester pumps and waste pump, centrifuges, trac vac and tertiary pump.
- Replaced four 6" valves on HRW and LRW system.
- Replace broken wire to warehouse lift station.
- Contracted with Kennedy/Jenks for the completion of the sewer line cleaning and video inspection project from Parkline to the El Portal Wastewater Treatment Plant.
- Completion of the design, rehabilitation and construction of 300 feet of the Tuolumne Meadows sewer forcemain between the wastewater treatment plant to the surface ponds and spray fields.
- Treated over a 200,000,000 gallons of raw sewage without any State of California Regional Water Quality Control Board violations.
- Treated 271,394,826 gallons of surface and ground water, without any State of California Regional Water Quality Control Board violations.

Valley Utilities

- Completed the FY2000 Repair/Rehab Valley sewer collection system.
- Completed the Valley lift station rehab and SCADA system
- Completion of the FY 2001 emergency Hodgdon Meadow water distribution project.
- This included the laying and anchoring of 2500' of pipe and an additional 2500' of sliplined pipe.
- Design, development and troubleshooting of the new Valley liftstation SCADA system.
- Pumped 103,000 gallons of raw sewage from vaults, tanks and porta-potties
- Pumped 118,060,000 gallons of sewage from Yosemite Valley to El Portal Wastewater Treatment Plant.

- Pumped, Treated and Distributed 177,665.680 gallons of water.
- Completion of the design, repair and rehabilitation of the water well at White Wolf.
- This included 232' of perforated well casing, Variable Frequency Drive pump with infrared remote.

Wawona Utilities

- Completed the design and construction of a 200,000-gallon water tank.
- Completed 85% of the construction of Chinquapin water system.
- Completed the planning, design and rehabilitation of the Badger Pass wastewater septic tank and leach field system.

District-Wide: Wastewater Treated

Wawona 16,482,000 gallons
 Badger Pass 1,098,660 gallons
 Glacier Point 484,453 gallons
 Total: 18,065,113 gallons of wastewater treated District-wide without a single violation.

District-Wide: Water Treated

Wawona 30,656,900
 Big Trees 8,175,700
 Badger Pass 1,987,100
 Bridalveil Campground 325,300
 Glacier Point 1,207,500
 Chinquapin 231,800
 Total: 42,584,300 gallons of water treated District-wide without a single violation.

Wawona Utilities State Certified Lab

Over 7,900 analysis and tests were performed in the lab with 4,500 test required by either State or Federal Regulatory agencies.

In addition to the above listed operation and maintenance of water, wastewater, and laboratory operations, Wawona Utilities also performed state of the art upgrades to three of the lift stations located in Wawona. This work was performed 100% by Wawona Utility's staff that included new electrical control panels, level controllers and pumps and motors.

We saw the finish to a new 250,000-gallon water tank that serves the Wawona Hotel and campground. Wawona Utilities staff completed the foundation and concrete work on the new Chinquapin Water Treatment plant. We completed an extensive upgrade to Train #1 at Wawona Water Plant that will increase our quality assurance pertaining to water treatment.

Wawona Utilities also pumped and hauled 397,000 gallons of seepage from over 25 septic tanks and vaults district-wide.

Budget/Fiscal

Staff - 8 positions

Branch Chief, GS 12, Supervisory. Budget Analyst

2 - GS-9 Budget Analysts (one filled/one a temp term to Proj. Mgmt.

1- GS-7 Budget Analysts Intake Trainee

1- GS-7 Accounting Technician

3- GS-5 Fiscal Technicians

GS-5 Transportation Clerk

FY2001 Budget

ONPS	21,335,245 base	year end balance	5,317
Fee Enhancement	143,581 base	year end balance	142
Cost of Collection	2,349,629 base	year-end balance	337,912
Quarters	1,199,993 base	year end balance	64,970

Branch

Housing Management

Branch Staff

1 Housing Manager, GS 09(acting)

1 Housing Assistant, GS 05

Branch Highlights

Implemented new 2001 CPI rates for GFQ using the Quarters Management Inventory System

All NPS employees relocated out of the El Portal Trailer Village

Divisions allocated 266 seasonal/temporary beds for summer of 2001

Draft Hantavirus Risk Reduction SOP supplied to all Tuolumne assignments

Misc. information provided to the US Bureau of Census

Total housing cost of \$63,147.22 charged to park benefiting accounts for FY 2001

Processed 163 Possessory Interest Tax refunds totaling \$47,917.23

16 housing units placed up for bid for NPS employees

Draft Housing Management Plan up for review

FY2002 Budget submissions were consolidated and submitted within the due dates. The FY2002 ONPS budget submission was processed using the Operations Formulations System (OFS). Program Management Information System (PMIS) continues to be updated annually as budget submissions are due.

Utility payments both telephone and power were in compliance with Prompt Payment Act. Utility billings and deposits complied with all the Cash and Debt Management guidelines. Fee Collection Audits complied with the NPS 22 guidelines. Travel and Third Party Draft payments were in compliance with all guidelines.

Annual Accomplishments FY2001 - Resource Protection Branch

Staff

1 Branch Chief, Jeri Hall, GS-401-12

Permanent Employees:

1 Office Assistant, GS-5

1 Park Ranger (LE), Resource Protection Coordinator, GS-11

1 Park Ranger (LE), Wilderness Manager, GS-11

1 Park Ranger (LE-STF), Climbing Manager, GS-9

1 Park Ranger (LE-STF), Nordic Supervisor/Horse Patrol, GS-9

1 Park Ranger (LE-STF), Wilderness, GS-9

1 Park Ranger, Permit Supervisor, GS-9

1 Visitor Use Assistant, (PSTF) Permit Station Lead, GS -5

Seasonal Employees:

3 Park Rangers, Wilderness Permits, GS-4 and GS-5

3 Park Ranger (LE), Climbing, Foot, Horse, or Nordic Patrols, GS-5

Interagency Employee:

1 (Term), Wilderness Education Project, GS-9

7 Volunteers/Interns:

2 VIPs

3 SCA Interns (2 Permits/1 WildLink)

Total VIP Hours: 8,391

Highlights

- Participated extensively in the development of the Tuolumne Watershed Protection Five Year Plan, 2000 Annual Report, and 2001 Interim Action Plan.
- Branch Chief coordinated the development of a servicewide "Resource Stewardship and Protection Training Curriculum" and gave presentations on it to the National Ranger Activities Council and for participants at the Ranger Rendezvous XXV and the Intermountain Chief Rangers Conference.

- Pursued and received funding and presented a 40-hour, servicewide, “Resource Stewardship for Protection Rangers” training course held for 32 participants, hosted at Lake Mead NRA in May 2001.
- Pursued and received funding and began design and development of an Interdisciplinary Resource Protection training course funded by Pacific West Region Employee Development Funds. A regional interdisciplinary team met in September and initiated design with input from Superintendents, regional resource management and employee development staffs, and park specialists. The course will be finalized next fiscal year.
- Branch Chief gave a presentation on the “Ranger’s Role and Successes in Resource Protection” to a group of 35 participants at the Twenty-fifth Ranger Rendezvous in Jackson Hole, Wyoming.
- Branch Chief was asked to serve as a Protection Representative to the Servicewide Cultural Resource Challenge Team, on the Organizational and Partnerships workgroup. Worked diligently to include protection elements into the document from the Thomas Report, etc. Wrote comments that were forwarded by the PWR Regional Director to the Asst. Director Cultural Resources. The Resource Stewardship and Protection Curriculum was included in the final CR challenge.
- Participated in the implementation of the parkwide campground equipment replacement project that provided for improved campground furniture in nine campgrounds.
- Coordinated interdivisional development and implementation of a prototype-monitoring program for “Archeological Sites at Risk”.
- Rangers monitored 35 archeological sites parkwide.
- Resource Protection Coordinator served as the 2001 Chair of the Yosemite Bear Council (YBC). Oversaw \$500,000 budget, formulation of interdivisional goals and objectives, completion of program objectives, problem resolution, monthly meetings, and annual program evaluation. The time commitment for this duty proved to be more extensive than anticipated. Overall the year was very successful and the YBC exceeded the anticipated reductions in incidents and property loss.
- Coordinated with the park’s Wildlife Biologist and Protection Division the removal of non-native turkeys. Worked with the Wildlife Biologist to develop control measures and benchmarks for the removal of turkeys. Foresta was the first location selected for trapping and turkeys have also been reported in Wawona. Project is ongoing and we expect to have to continue trapping turkeys in 2002.
- Prepared two closures to address resource protection and human safety concerns: Rancheria Campground - Area Closure for Human Safety in response to bear sow activity and Cliff Climbing – Area Closure to protect Peregrine nesting sites.
- Pursued and received funding for ARPA grants in 2001. The first provided for archeological field training for protection staff. This grant provided for an archeologist to conduct archeological site visits with each district in the Protection Division and discuss sites, surface features, outline significance, and review locally specific archeological information. The second grant was obtained

to send one protection ranger (Lulis Cuevas) and one archeologist (Paul DePascale) to the full 40-hour ARPA course.

- Eight resource damage/impact cases were investigated, documented, and prepared for prosecution/restitution.
- Resolved one case under the “National Park’s Resource Protection Act” (19jj), and performed resource damage assessments on six other cases.
- Continued the Resource Protection Team that focused on improving communications between rangers and Resource Management, resulting in greater protection of Yosemite resources.
- Branch Chief and Resource Protection Coordinator participated in the new employee/seasonal parkwide orientation every other week, June-August. Covered role and function of the branch staff, resource protection as NPS mission, Bear Council, showed the “Working in Bear Country” video, and answered questions.
- Prepared and instructed “Resources at Risk” training session during the seasonal LE training in Yosemite.
- Prepared and instructed “Resource Threats” training session to Campground and Fee Collection staff and again for the Wilderness staff training.
- Participated as members of the Interpretive Management Team.
- Issued 16,481 Wilderness Permits, and provided resource protection information and education to each permittee. There were a total of 47,861 wilderness users who stayed a total of 104,000 Use Nights. An estimated 500-600,000 visitors day-hiked in Wilderness.
- In cooperation with the Yosemite Association, over 6,000 reservations were taken and confirmations mailed.
- Staff covered the entire park, hiking, riding or skiing over 5,700 trail miles. Over 2,000 lbs. of trash and 207 fire rings were removed, as wilderness employees spent 631 hours doing maintenance. Three drift fences and four wilderness cabins were maintained.
- Search and rescue activities were low this year in wilderness, although staff logged approximately 165 hours of SARs. Over 110 enforcement contacts were made.
- Staff measured thirty-two snow courses for California Water Resources Board. Five grazing transects were measured as part of meadow monitoring program.
- There was a particularly heavy use of volunteers this year due to reduced staffing of regular personnel, the use of VIPs for a research project, and the continued regular use of VIPs at Badger. Volunteers to the wilderness operation donated a total of 8,391 hours. Wawona Nordic volunteers skied an additional 38 days.
- Resource protection displays were developed and installed for wilderness users in the Tuolumne Wilderness Center and Hill’s Studio in Wawona.
- The field component of the Newman/Manning sociological study was completed this summer. Surveys were also completed to assess food storage methods and compliance for summer users and types of use at Badger on winter trails.
- Two parkwide wilderness committee meetings were held. A parkwide wilderness work plan was developed and implemented. Wilderness Centers were set up as

parkwide clearinghouses for information, cooperation, and coordination. A new parkwide database for patrol operations was implemented.

- A new seasonal Valley climbing ranger position was established, funded by Yosemite Fund. Accomplishments of the program included restoring 1.5 miles of climbing approach trails, removing 4,000 feet of fixed ropes, beginning successful Sunday Morning Coffee with a Ranger at Camp Four, collecting over 500 lbs. of trash in organized cleanup operations, and achieving quality education and outreach with the climbing community. Staff conducted 90 days of climbing patrol parkwide.
- WildLink hosted six wilderness expeditions, teaching wilderness values in a science format to culturally diverse high school students. The Obata site was added to the web sites for this program. Barb Miranda was invited to the World Wilderness Congress in South Africa to give a poster session on WildLink.
- First Lady Laura Bush visited Yosemite and spent four days in the wilderness and High Sierra Camps with Wilderness Manager Laurel Boyers and other staff.
- There was an increased emphasis this season on monitoring/reducing administrative and commercial outfitter impacts and use.
- Hosted one congressional visit, a group of federal judges, and the Superintendent and Forest Supervisors' trip to Yosemite's wilderness.

Branch of Operations

Branch Chief, Evan Jones-Toscano

Staff

1 Supervisory Park Ranger, GS-12, Assistant Chief Ranger for Operations (E. Jones)

1 Lead Administrative Assistant, GS-6, (S. Grin)

1 Supervisory Park Ranger, GS-11, Mather District Ranger (D. Lattimore)

1 Administrative Support Assistant, GS-5 (P. McHaney)

1 Park Ranger, GS-9, BOF/Lake Eleanor (G. Lawler)

1 Park Ranger, GS-9, Hetch Hetchy (P. Swartz)

1 Park Ranger, GS-9, Hetch Hetchy (C. Jones)

1 Park Ranger, GS-9, BOF/Crane (C. Fullam)

1 Park Ranger, GS-9, BOF/ White Wolf (M. Kerns)

1 Park Ranger, GS-9, BOF/Crane (vacant)

1 Park Ranger, GS-9, BOF/Crane (K. Harrison)

1 Supervisory Park Ranger, GS-11, Tuolumne District Ranger (vacant)

1 Administrative Support Assistant, GS-5, Tuolumne (vacant)

1 Park Ranger, GS-9, Tuolumne, SAR/EMS (vacant)

1 Park Ranger, GS-9, Tuolumne, Front-country Operations (vacant)

1 Park Ranger, GS-9, Tuolumne, Watershed Supervisor (vacant)

1 Supervisory Park Ranger, GS-11, Wawona District Ranger (M. Longden)

1 Administrative Support Assistant, GS-5 (P. McMillan)

1 Park Ranger, GS-9, Wawona (M. Durr)
1 Park Ranger, GS-9, Wawona (K. Maxwell)
1 Park Ranger, GS-9, Wawona (N. Inouye)
1 Park Ranger, GS-9, Wawona (L. Cuevas)
1 Park Ranger, GS-9, Wawona (M. Brindeiro)
1 Park Ranger, GS-9, Wawona (K. McMillan)
1 Park Ranger, GS-9, Wawona (vacant)

1 Supervisory Park Ranger, GS-12, Valley District Ranger (J. Tucker)
1 Administrative Support Assistant, GS-5 (vacant)
1 Supervisory Park Ranger, GS-11, Assistant District Ranger (H. Steed)
1 Supervisory Park Ranger, GS-11, Assistant District Ranger (vacant)
1 Supervisory Park Ranger, GS-11, Assistant District Ranger (vacant)
1 Park Ranger, GS-9, Valley/Horse Patrol Supervisor (B. Patrick)
1 Park Ranger, GS-9, Valley (T. Bruno)
1 Park Ranger, GS-9, Valley (T. Bonds)
1 Park Ranger, GS-9, Valley (vacant)
1 Park Ranger, GS-9, Valley (L. Fazio)
1 Park Ranger, GS-9, Valley (R. Hamann)
1 Park Ranger, GS-9, Valley (vacant)
1 Park Ranger, GS-9, Valley (D. Hajdik)
1 Park Ranger, GS-9, Valley (J. Horne)
1 Park Ranger, GS-9, El Portal (D. Horne)
1 Park Ranger, GS-9, Valley (G. Bryant)
1 Park Ranger, GS-9, Valley (T. Wilson)
1 Park Ranger, GS-9, Valley (K. Lober)
1 Park Ranger, GS-9, Valley (S. Yu)
1 Park Ranger, GS-9, El Portal (M. Harvey)
1 Park Ranger, GS-9, El Portal (vacant)

1 Supervisory Park Ranger, GS-11, SAR/EMS Manager (M. Nash)
1 Administrative Support Assistant, GS-5, SAR/EMS Office (D. Schweizer)
1 Park Ranger-Generalist, GS-9, SAR/EMS Office (J. Dill)

36 - Permanent positions – encumbered

13 - Permanent positions – vacant

2 - Temporary NTE positions (E. Jones, M. Nash)

25 - Seasonal LE employees (1 LYV, 2 Valley-Bear, 1 Crane, 3 White Wolf, 4 Canyon Ranch, 3 Hetch Hetchy Security, 1 Tuolumne-Bear, 9 Tuolumne-Watershed, 1 Wawona)

4 - Seasonal Non-LE employees (4 SAR, 1 Tuolumne-Admin.)

8 - Student Interns

16 AD Hires (SAR-Site volunteers)

Branch Highlights

Search and Rescue

- Responded to 167 incidents
- Responsible for 26 “saves” (Likelihood that without intervention by the NPS the victim would not have survived the incident)
- Responded to 3 Mutual Aid calls (Emergency assistance rendered to agencies outside the boundaries of the NPS), included Tucker Search in Tuolumne County
- Tracked and charged \$192,122 against servicewide Major SAR account
- Re-established seasonal “SAR Technician” positions
- Reduced Heli-rappel team membership from 8 to 6
- Maintained 4 specialized rescue teams: Rope Rescue, Swiftwater Rescue, Confine Space Rescue, and SAR Heli-rappel
- Participated in Servicewide Rope Rescue course – Moab, Utah – including 6 Students and 2 Instructors

Emergency Medical Services

- Provided 582 ground ambulance transports for sick or injured (281- NPS, 301 – Medic 3)
- Requested 12 helicopter transports for sick and injured (air ambulance)
- Responded to 7 reported fatalities (trauma and medical)
- Supported 192 EMS providers parkwide, to include 167 EMT-Basics, 14 Paramedics, and 2 Paramedics
- Maintained 6 BLS/ALS ambulances (Wawona, El Portal, Valley, Medic 3, Mather, Tuolumne)
- Maintained 3 rescue trucks (Valley, El Portal)

Interagency Team Membership

- PWR Special Event Team (J. Sullivan, E. Jones, K. Lober, D. Horne, L. Fazio)
- PWR Incident Management Team (D. Lattimore)
- South Central Sierra Interagency Incident Management Team (M. Harvey, R. Middlecamp, G. Lawler, D. Mills, R. Rust, A. Huston, E. Duncan)
- Critical Incident Stress Management (K. McMillan, P. McMillan, L. Cuevas, F. Grin, D. Mathews)
- Serious Accident Investigation Team (E. Jones)

Divisional and Interdisciplinary Team Membership

- Special Response Team – SRT – (J. Sullivan, L. Fazio, D. Horne, S. Jay, G. Lawler, E. Jones, K. Lober, D. Roe, M. Nash, H. Rife)
- Safety Committee - Districts
- Award Committee
- Wilderness Work Group
- Bear Council

Accomplishments

- Assisted Bear Management with substantially reducing bear-related incidents through cooperative efforts made by “bear” LE park rangers and “bear” wildlife technicians.
- Implemented Hetch Hetchy Winter Security Plan, to begin November 2001.
- Assisted Wilderness Unit with Snow Surveys: Tuolumne, Mather, Wawona areas.
- Responded to PWR resource requests for Homeland Security (Interior Department Buildings, Dam facilities, other NPS units).
- Assisted CRO with developing division-wide Draw Down Plan.
- Established Nordic Ski Patrol – Badger Pass Ski Resort - partnership with local community members to provide Nordic patrols.
- Implemented VIP preventive search and rescue program, targeting months of June, July, and August.
- Assisted Fee Management with security assessment to include locks and video surveillance.
- Assisted LEO/CRO with establishing a partnership with Mariposa County Sheriff’s Department to integrate deputies into joint public service station in El Portal.
- Submitted OFS request to PWR: Reduce crime and injuries by increasing law enforcement presence, phase one, \$464,000.
- Submitted OFS request to PWR: Reduce crime and injuries by increasing law enforcement presence, phase two, \$492,000.
- Submitted OFS request to PWR: Reduce crime and injuries by increasing law enforcement presence, phase three, \$474,000.
- Submitted OFS request to PWR: Reduce crime and injuries by increasing law enforcement presence, phase four, \$475,000.
- Submitted OFS request to PWR: Reduce SAR costs and incidents by preventive program management.
- Created draft Training Management Plan for Visitor and Resource Protection – pending approval.
- Worked cooperatively with Wilderness Unit to implement wilderness work plan.

Branch Of Law Enforcement Support

Branch Chief, Don Coelho GS-025-13

Work Units:

Criminal Investigations Unit(CIU)

One Supervisory Special Agent, GS-1811-12

Three Special Agents, GS-1811-11

One vacancy, GS-1811-11

Detention Facility

One Supervisory Corrections Officer GS-007-9
Four Park Rangers/Jailers, GS-025-7/9
Two Park Ranger/Jailers (vacant), GS-025-7/9

Parkwide Communications Center

Two Supervisory communications center supervisors, GS-10, GS-7
Six emergency service dispatchers, GS-5/7
One vacancy, GS
Two fire dispatchers (one is seasonal), GS
Two vacancies, GS

Park Legal Office (Prosecutions)

Two Paralegal Specialists, one GS-11
One vacancy, GS-9
One seasonal employee GS-9 (law school graduate), filling in for permanent Paralegal GS-9.

Administration

One Administrative Assistant, GS-303-5

Division Training Coordinator

One Park Ranger, GS-025-9 (Part-time)

Community Services (Special Emphasis Officer)

One Park Ranger, GS-025-9
Nine Volunteer staff (VIP) "Desk Officers"

Branch Highlights

- Branch Chief assisted WASO as a task force member in major rewrite of servicewide medical screening program. Project is continuing.
- Oversaw security issues pursuant to September 11 terrorist attack.
- Negotiating with City of San Francisco to continue security of Hetch Hetchy Dam.
- Oversaw security for First Lady's visit.

C.I.U.

- Investigated 300 criminal cases.
- 15 civil cases, including three multi-million-dollar tort claims against the National Park Service.

- 9 responses to out-of-park assignments to assist the region and other park requests for investigative assistance.
- Supervisory S/A is regional SET leader. Working with PWR in upgrading SET training, requirements, and recruiting.
- Park SET members responded to callouts to provide security at BOR, DOT, and NPS facilities.
- Developed park Special Response Team to deal with in-park emergency situations. Secured O'Shaughnessy Dam and Hetch Hetchy areas pursuant to 9/11 attacks.
- SET Team provided security for SEKI National Park for presidential visit.
- Provided security at USS Arizona Memorial 60th anniversary.

Detention Facility

- Dealt with 243 in-custody prisoners (this was a decrease from FY2000) and 714 prisoner nights (overnight stays).
- Conversion from 007 to 025 Park Ranger series was completed. This will result in a local intake program in which recruitment will be at the GS-5/7 level.

Communication Center

- Accomplished a major move from the old dispatch center in Yosemite Valley to the new facility in El Portal, and are in the process of consolidating fire dispatch and emergency service dispatch into a true all-risk communication center.

Legal Office

- Made 1,422 separate appearances to present cases before the U.S. Magistrate. Of these cases, approximately one-half were felonies committed in Yosemite.
- Conducted twelve full-scale trials.
- Appeared ten times in U.S. District court to assist United States Attorney in trial of felony cases emanating from Yosemite National Park.
- Hired certified attorney as new prosecutor.

Administration

- Developed database to track RM-57 (servicewide LE medical standards program) results and medical test cycles for Yosemite rangers. It is the first in the service and will be used servicewide.

Division Training Coordinator

- Coordinated approximately 2,500 hours of training for the Branch. Training included LE, fire, SAR, and horse/backcountry operations.

Community Services

- Serves on four-area/countywide task force.
- Developed and serves as the division representative on the NPS/YCS mid-level manager and community outreach committee; a group that continues to deal with visitor protection/YCS employee issues.
- Took lead in overseeing the summer Traffic Task Force. Recruited from local schools in utilizing STEP program to introduce local school and inner city youth to the National Park Service.
- Traffic and parking operation ran from Memorial Day to Labor Day.
- Worked with Superintendent's office to obtain federal funding for financing three park schools through congressional action.
- Testified before congressional committee in support of federal school funding.

Branch of Fire and Aviation

Prescribed Fire and Fuels Management

- 153 acres of fuels mechanically-reduced around 8 developed areas in the Park: El Portal, Foresta, Crane Flat, Hodgdon, Hazel Green, Wawona, Mariposa Grove and Yosemite Valley.
- 3578 piles burned
- 34 acres of Prescribed burning (11 at YV-13, 23 @ YV-12) (Moratorium until May 18)
- 27 managed Fire Use fires, for 9400 acres. The Hoover was the largest Fire Use action in the country, at 9300 acres, and burned for almost 5 months.
- Mike Beasley hired as Prescribed Fire Specialist in October
- FMP contributions from Kara/Dan, Vegetation, Multi-year Plan, Scoping Comment Analysis
- New NPS burn plan format implemented and disseminated.
- Wawona RX Office planning completed. Delivered January 2002

Structure Fire (Prevention and Protection)

- One new engine purchased for Hodgdon (Combo Structure/Wildland)
- Structure Fire Plan (Draft 50%)
- Inspection Program implemented and being refined to include volunteer retired City FD Inspectors for 2002.....**Need Housing**
- Continue Park representation on Mariposa Fire Safe Council
- Continue Fire Safety messages and presence on park safety committees
- Continue interface with Project Managers on new construction projects.

Wildland Fire

- DEIS/FMP 90%

- Readiness Inspections for all stations done by July 15.
- Regional Helicopter Base Inspection by July 15
- Hired 10 of 11 new Firepro Preparedness positions
- New Wildland Fire Operations Plan 50% completed

Telecommunications

- Designed and Built new Dispatch Center in El Portal
 - Designed and Built new Radio site in El Portal including a 60' self supporting tower
 - Researched and developed a plan to migrate to a Narrow-band Digital Radio System
 - Designed and wired "The Old Kewitt Trailers" for Telephones and Computers (twice)
 - Worked directly with Secret Service during the First Lady's Visit to Yosemite
 - Repaired over 200 Mobile/Portable radios
 - PM'd approx. 30% of the Parks radio's
-
- David was assigned to the Briceburg Fire as a Radio Tech
 - David attended 64 Hours of Supervisory Training
 - David attended 40 hour DOI/DOA Joint Radio Conference
-
- Tolley Gorham was Hired as an Electronic Technician 18/06/01
 - Patrick Marty was hired as an Electronic Technician 21/10/01