

**Superintendent's
Annual Report**

**Yosemite National
Park**

Fiscal Year 2003

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DIVISION

Office of the Superintendent

Division Mission

Yosemite National Park employees are essential to the mission of preserving the natural and cultural resources and values of the park for the enjoyment, education, and inspiration of present and future generations. Preserving the park can only be accomplished by first protecting the health, safety, and well-being of its employees

DIVISION STAFF

Safety & Occupational Health Manager, Louis R. Rowe, GS-13 (1 position)

Sanitarian, Bernice Dommer, GS-11 (1 position)

Safety Technician, Glenn Dean, GS-7 (1 position)

Administrative Assistant, Yvonne Radanovich, GS-5 (1 position)

Industrial Hygienist, LCDR Edward Perez USPHS, Public Health Service Officer, O-4 (1 position)

Give total FTE for the division:	<u>3 FTE; 1 Permanent/Part-Time (GS-5)</u>
Give total FTE of lapsed positions for the division:	0
Give total new hires for the division:	0
Give total transfers for the division:	0
Give total retirements for the division:	0

DIVISION BUDGET

ONPS budget: \$384,000

Other Funding Sources (specify):

Branch

Office of Safety & Occupational Health

BRANCH HIGHLIGHTS

- The Safety Office conducted 17 employee workstation ergonomic assessments.
- The Safety office scheduled 12 hazardous waste manifests totaling 34 tons of hazardous waste removed from the Park.
- The Safety Office staff received the following training: OSHA #226 Permit-Required Confined Space Entry OSHA Permit-Required Confined Space Entry trainer's course Confined Space Rescue, TelNPS Basic Worker's Compensation, Maintained RCRA/Title 22 CCR Compliance Training
- The Safety Office's two competent asbestos persons maintained their AHERA Supervisor and Building Inspection and Management Planning for Asbestos certifications by attending the required 8 hour annual refreshers.
- The Safety Office's two competent lead persons completed their requirements for the California Department of Health Services Lead Monitor and Supervisor certifications by attending the required seven hour biennial training

- The Safety Office Investigated 11 Employee Reports of Unsafe or Unhealthful Conditions.
- The Safety Office maintained the Health and Safety page on YoseNet averaging 150 + visitors per month.
- The Safety Office developed electronic reporting of unsafe or unhealthful reporting directly from Health and Safety Page.
- The Safety Office revamped the medical surveillance program to offer employee work exams at local hospital.
- The Safety Office implemented the Safety Management and Regulatory Tracking (SMART) database to track projects, employee safety training, exposure assessment, hazardous materials, and confined spaces.
- The Safety Office conducted 110 employee respirator fit tests.
- The Safety Office conducted six personnel exposure assessments on Park Employees in FY 2003. Exposure assessments were as follows: Two noise assessments, two asbestos exposure assessments on personnel removing asbestos, Two Carbon Monoxide exposure assessments, Lead exposure assessment at the El Portal Restoration Shop.
- Four Construction Health and Safety Plans were submitted to the Safety Office. Comments and recommendations were made and passed also to each COTR.
- The Safety Office served as project manager and air monitor for the asbestos floor tile abatement of four Motor Inn Cabins in El Portal.
- The Safety Office's two competent asbestos persons maintained their AHERA Supervisor and Building Inspection and Management Planning for Asbestos certifications by attending the required 8 hour annual refreshers.
- The Safety Office's two competent lead persons completed their requirements for the California Department of Health Services Lead Monitor and Supervisor certifications by attending the required seven hour biennial training.
- The Safety Office conducted 6 Asbestos inspections.
- The Safety Office conducted 14 Lead inspections.
- A Blood borne Pathogen Safety Policy was written and developed.
- Total Food Inspections 57: 47 Routine, 4 Follow-Up 3 Investigative, 3 for PHS, Redwoods
- 5 Concession Loss Control Audits were conducted.
- The Safety Office sent park employees to the following Safety Train-the-Trainer Classes OSHA 500 Trainer in Construction 3 employees Hazardous Communication Training 1 employee, HAZWOPER Training 1 employee, Fall Protection (Competent Person) 19 employees, Fall Protection (Qualified Person) 2 employees
- The Safety Office conducted the following safety training:
 - Asbestos Class Two Operations Training
 - Confined Space Entry Training (YOSE/GGRA)
 - Confined Space Rescue Training
 - Defensive Driving Course 4 (DDC-4) 8 Classes
 - Office Ergonomics Training
 - Environmental Practices for Fleet Management
 - Excavation and Trenching Training (OSHA 301)
 - Fall Protection (Basic) for Supervisors, 2 Classes
 - Fire Inspection Training
 - Hantavirus Training, 2 Classes
 - Hazardous Communications, 13 Classes
 - Hazardous Waste Operations and Bio-terrorism Awareness, 2 Classes

- Lead Awareness, 2 Classes
- OSHA 1960 Training
- OSHA 500 Construction Safety Course (10 Hours)
- Respiratory Protection, 5 Classes

Branch

Congressional Liaison/Park Partnerships

Gary Ingram II

Assistant to the Superintendent

Yosemite National Park

Primary objective during fiscal year 2003 was to reach out and build positive collaborative relationships with Yosemite's gateway communities. This included contacting and speaking to hundreds of citizens, dozens of businesses, civic, governmental and educational organizations. Through this effort we held our first Gateway Partnership meeting and are planning more. The response from the gateway communities has been positive with a new sense of collusion for future dialogue.

DIVISION

Interpretation and Education

Division Mission

The GPRA mission for the Division is....

- Ia6. Museum Collections
By September 30, 2005 museum collections in Yosemite National Park are stored in a secure and environmentally appropriate manner. Preservation and protection conditions meet professional standards for 40% of park museum collections.
- Ib2D. Museum Objects Cataloged
By September 30, 2005 the park will increase the number of museum objects cataloged by .01% per year.
- Ila1. Visitor Satisfaction
By September 30, 2005 95% of park visitors are satisfied with appropriate park facilities, services, and recreational opportunities.
- Ila2. Visitor Safety
By September 30, 2005 the visitor accident/incident rate will be at or below 7.96 per 100,000 visitor days.
- Iib1. Visitor Understanding and Appreciation
By September 30, 2005 60% of park visitors understand and appreciate the significance of the park they are visiting.

DIVISION STAFF

- 1 Division Chief, Christopher Stein, GS-14
- 4 Branch Chiefs, GS-12
- 1 Branch Chief, GS-11
- 1 Park Ranger/Public Involvement, GS-11
- 1 Budget Analyst, GS-09
- 1 Division Secretary, GS-07

Total FTE for the division: 42.7

Total FTE of lapsed positions for the division: 3.24

Total new hires for the division: 9

Total transfers for the division: 1

Total retirements for the division: 1

Branch

BRANCH HIGHLIGHTS

CHIEF

Christopher Stein, new Chief of Interpretation, was on a detail to Yosemite from November 2002 through March 2003. His actual permanent arrival in the park was in June 2003. He took on his duties as chief of the division, as well as Park Liaison to Yosemite Institute and Yosemite Association. By fall of 2003, he had instituted the *Experience Your Yosemite*

program, which has been well received by the Oakhurst and Mariposa communities. Under his guidance, we also began staffing the concessionaire open-air tram tours with uniformed rangers, reaching 63,000 visitors in the first year.

PUBLIC INVOLVEMENT AND OUTREACH

- Developed Public Involvement Program Proposal for Fee Demonstration funding
- Hosted 11 Public Open Houses
- Provided Merced River Plan Appeal litigation support
- Special Presentations made to various groups (e.g. NRDC, familiarization tours, U. C. Davis Park Planning class, California Bar Assn. Environmental Law Section)
- Provided Visitor Experience Resource Protection (VERP) program support
- Conducted Yosemite Valley Plan & MRP Training sessions (for Monday morning project training, squad, and staffs)
- Facilitated the interdivisional Communications Team, participated in the Interpretation Management Team, provided Interpretation Division input at Project Initiation Workshops, and participated in Equal Opportunity Committee
- Presented seasonal training sessions (beginning of season and then Valley and Tuolumne Meadows staffs) on projects and project updates
- Implemented 2 new positions:
SCA Intern for Public Involvement (summer 2003)
Construction Information Officer (beginning in November 2003)

ADMINISTRATIVE ASSISTANT/SECRETARY

- In addition to regular duties for one division (Interpretation) and two division chiefs (Interpretation and Protection), produced parkwide Monthly Public Use Report (visitation statistics) and the *Daily Report*.

DIVISION BUDGET

ONPS budget:	\$1,886,000
ONPS bear account	53,800
ONPS/VIP	3,700
ONPS/Living History	12,584
ONPS/Region - NAI	1,888
ONPS/Region	<u>75,500</u>
	\$2,033,472
Other Funding Sources (specify):	
Yosemite Association	\$ 10,122
Yosemite Fund Grants	10,353
Donations	14,252
Fee Demo	193,735
DNC	125,911
Hetch Hetchy	38,857
Federal Highways	2,291
Fire	<u>20,845</u>
	\$416,366

BUDGET ANALYST

- Managed and tracked budgets for two Divisions – the Division of Interpretation and the Division of Resources Management.
- The Divisions had a wide variety of funding sources – ONPS, reimbursable, donations, and cyclic accounts; kept track of the balances for all these different sources of funding.

Some of these accounts are multi-year and required manual tracking as both AFS and FFS are fiscal year specific. Both Divisions received money from Project Management for special projects, necessitating separate Excel reports to inform the Program Managers of balances on their projects.

Branch

Interpretive Services

BRANCH STAFF

1 Branch Chief, Margaret Steigerwald and Tom Medema, GS-12
1 Park Ranger/Master Interpreter, GS-11
1 Writer/Editor, GS-11
1 AV Production Specialist, GS-09
1 Park Ranger/Webmaster, GS-09
1 Park Ranger/Exhibit Specialist, GS-09

Total permanent employees: 4

Total detailed employees: 1

Total Term employees: 2

Total seasonals: 0

Total number of interns: 0

Total number of volunteers or volunteer hours as appropriate: 0

BRANCH HIGHLIGHTS

- Produced:
3 *Planning Update* newsletters, 2 issues of *Yosemite Guide*, 15 issues of *Yosemite Today*, over 70 Fact Sheets, site bulletins and handouts, *Yosemite Accessibility Guide*
- Helped direct content of *Yosemite Magazine* and provide NPS reaction to advertising.
- Edited Bear Awareness postcard for campgrounds for Bear Council.
- Provided Harpers Ferry Center with revisions on Yosemite unigrid map/brochure and Yosemite Handbook.
- Created historical handout for the centennial of Teddy Roosevelt's Yosemite visit.
- Edited and provided comments on the following:
Cascades Diversion Dam Removal EA, South Fork Merced River Bridge Removal EA; Yosemite Lodge Redevelopment EA, East Yosemite Valley and Curry Village Campgrounds Improvements EA, East Yosemite Valley Utilities Improvements EA, Environmental Education Campus Development Draft EIA, Yosemite Fire Management Plan/Final EIS; Yosemite Valley Architectural Guidelines, Ecological Restoration of Flood-Damaged Campgrounds Report to Congress, Lower Yosemite Falls Wayside exhibits
- Installed Lee Vining Wayside Exhibits, Researched and wrote Valley Wayside exhibits
- Developed new Resource Education signs in collaboration with Vegetation Management
- Produced monthly posters of Ranger Programs (including Yosemite Valley, Tuolumne Meadows, White Wolf and Big Oak Flat) total of 53 posters
- Maintained Valley VC and Happy Isles exhibits, Lower Pines Campground amphitheater equipment, and *Spirit of Yosemite* film.
- Developed new signs for Indian Museum - fabricated by Sign Shop
- Developed and produced new poster for winter wilderness self-registration

- Developed new wilderness sign for backpackers' camps
- Filmed and Produced:
Yosemite Reunion; "The Kennecott Mill," "Strengthening and Caring for Santa Monica Mountains National Recreation Area", a briefing video for a presidential visit; "Caring for the Land", a National Forest Service training video for commercial stock packers in the Sierra; Virtual Visit/ Electronic Field Trip on Yosemite's wilderness for high school students across the country; "Working in Yosemite" a training video for construction workers working in Yosemite; video about Western Region's Resource Stewardship and Protection Curriculum; footage for PBS documentary about Wilderness, under the direction of the Carhart Wilderness Center.
- Developed new outline for Valley Floor Tours and trained 20 staff in its delivery.
- Provided stock footage and stills taken from video to numerous government agencies and private producers
- Continued work on the park's web site; posted various planning documents and coordinated work of contractors that developed planning documents for the web.
- Implemented the new park profiles system for the park's web site.
- Provided technical support to and assisted Barb Miranda (Sierra Nevada Wilderness Education Project) with the SierraNevadaWild.gov and SierraWildBear.gov web sites.
- Produced a new postcard (to replace an older one) to send to campers informing them of food storage regulations and providing relevant information; produced two web pages in association with this project. Produced a new sticker for food lockers detailing what should be stored inside them.
- Coordinated spring Parks-as-Classrooms program (related to bears).

Branch

Media and External Relations

BRANCH STAFF

1 Branch Chief, Scott Gediman, GS-12

1 Park Ranger, GS-09

1 Public Information Clerk, GS-05

Total permanent employees: 3

Total detailed employees: 0

Total Term employees: 0

Total seasonals: 0

Total number of interns: 0

Total number of volunteers or volunteer hours as appropriate: 0

BRANCH HIGHLIGHTS

MEDIA RELATIONS

- Yosemite is one of the busiest and most complex public affairs offices within the National Park Service. We maintained daily contact with local, regional, national, and international reporters; providing thousands of interviews on a wide variety of complex and controversial subjects; producing about 100 news releases per year; producing about 25 media advisories per year, and organizing special events.
- Handled a myriad of complex issues with the press that included ongoing litigation on the Merced Wild & Scenic River Comprehensive Management Plan in the Ninth Circuit Court of Appeals, Competitive Sourcing within the NPS, the euthanasia of wildlife such

- as black bears and mountain lions, sensitive search and rescue operations, budget issues, the retirement of former Yosemite National Park Superintendent Dave Mihalic.
- Managed several special events/media events that received national and international attention. This included the Congressional Field Hearing held in the park, attended by the NPS director and many other high ranking government officials; facilitation of the filming of a landmark project with Ken Burns on the history of the National Park Service; arrival of new Yosemite National Park Superintendent Mike Tollefson.
 - Continued to work with a large number of international media crews on stories related to Yosemite National Park and the National Park Service. This included over five BBC crews (radio and television) producing stories on such topics as the implementation of the Yosemite Valley Plan, John Muir in Yosemite, and recreational opportunities in the park. Also worked with international crews from Japan, Germany, and Italy.
 - Worked to generate positive coverage of the implementation of the Yosemite Valley Plan. This included pitching stories to media outlets to generate positive coverage for the controversial plan. Positive, extensive stories have appeared in Associated Press (picked up by hundreds of newspapers around the country), the *Fresno Bee*, the *Bakersfield Californian*, ABC News, and several local television affiliates. Also generated extensive coverage for individual YVP projects such as the Lower Yosemite Fall Project and the Cascades Diversion Dam removal.
 - Generated extensive positive media coverage for Yosemite National Park employees and programs across the country. Stories have appeared in print and broadcast media and internal publications such as *People, Land, and Water*. Topics included Shelton Johnson's Buffalo Soldier program, Julia Parker's basket making, the restoration of the former Rivers campgrounds, the work of the Yosemite Fund, and stewardship projects completed by the Yosemite Institute.
 - Provided guidance and technical support for the public relations/media outreach efforts of several park partners. These partners included Delaware North Parks and Resorts at Yosemite, The Yosemite Fund, Yosemite Association, and Yosemite Institute. This help has resulted in a plethora of stories for these organizations and helped fulfill a multi-million dollar fundraising campaign for The Yosemite Fund.
 - Continued to manage the public relations campaign of the Yosemite Wild Bear Project and provided all media relations and special events coordination. This program continued to be successful, based in large part on the outreach to park visitors. Planned and conducted special events such as Apple Picking Day and Bear Awareness Day.

EXTERNAL RELATIONS

- Represented the Superintendent to several groups in the gateway communities. This included both media relations and public relations. Worked extensively with the Yosemite Sierra Visitors Bureau, the Tuolumne County Chamber of Commerce, and the Mariposa County Visitors Bureau.
- Worked with staffs of elected officials and the Pacific West Regional Office, WASO Office of Public Affairs, the WASO Legislative Office, the Office of the NPS Director, and the DOI Office of Communication on a wide variety of park issues. This included providing information about Yosemite issues, writing talking points and speeches, and representing the park to elected officials, special interest groups, and various government agencies.
- Represented the Superintendent to several groups of visiting dignitaries from foreign countries. This included both park professionals from overseas as well as high-ranking government officials. Meetings this year included officials from Australia, Germany, China, the Dominican Republic, Japan, Korea, and Mexico.

Branch

Education

BRANCH STAFF

1 Branch Chief, Kathy Dimont, GS-11

Total permanent employees: 1

Total detailed employees: 0

Total Term employees: 0

Total seasonals: 1

Total number of interns: 0

Total number of volunteers or volunteer hours as appropriate: 4

BRANCH HIGHLIGHTS

- Managed Ford and Unilever intern programs, assisted other branches and divisions in recruiting diverse interns and volunteers.
- Hosted approximately 100 teachers and chaperones for the Environmental Living Program teacher workshops and about 400 students overnight during 17 ELPs.
- Discovery Vans increased use; daily trips to schools continued, and after-school programs were added in two school districts. Over 100,000 children participated. The vans were also taken on a road trip by Yosemite volunteers and served hundreds of children in Boys and Girls Clubs in the Central Valley and in Nevada.
- Assisted with planning and executing over 60 individual school field trips, offering short (1 hour) programs on a variety of topics.
- Coordinated and hosted the Yosemite Education Summit.
- Designed and implemented the first Experience Your Yosemite program and coordinated follow-up programs for gateway community partners.
- Assisted with the UC high school science teacher workshop.
- Partnered with the UC Merced for a variety of outreach programs. Conferred with Yosemite Association to consider options for reinventing the YA intern program.
- Continued working with diverse students (groups who have visited Yosemite annually since 1999) and will place these students in park internships now that they are of age.
- Assisted with the Yosemite Valley Plan and public open houses for the rehabilitation of the Yosemite Institute Crane Flat campus
- Wrote an article for publication in *Natural Resource Year in Review - 2002* about Yosemite's outreach program
- Wrote a requested article for the *Time* magazine/Ford Proud Partner publication

Branch

Field Operations

BRANCH STAFF

1 Branch Chief, Mary Kline, GS-12

1 Supervisory Park Ranger, GS-11

8 Park Rangers, GS-09

1 Park Ranger, GS-07

1 Stagecoach Driver, GS-07

1 Public Information Clerk, GS-05
1 Indian Cultural Demonstrator, GS-05

Total permanent employees: 14
Total detailed employees: 0
Total Term employees: 0
Total seasonals: 26
Total number of interns: 5
Total number of volunteers or volunteer hours as appropriate: 13

BRANCH HIGHLIGHTS

- Staffed three contact/information stations in the outlying districts with visitation that totaled 266,348 people. These visitor information areas are open from approximately May through September (individual dates varied). Staffing was supported heavily by volunteers and sales help from Yosemite Association.
- The Valley Visitor Center saw a visitation of 1,330,000 people; Happy Isles 49,705 people; the Indian Cultural Museum failed to keep statistics this year; and the Camp 6 Yurt was open 22 weeks, handling additional visitation.
- The largest new program this year was the tram tours - reaching over 62,000 people during the 6 months we were doing the 2-hour tours.
- Another new program we had this year was the Fire Information Officer position. In addition to all the printed media produced, this position also contacted 356 people during 17 special presentations to interested groups and classrooms and performed interpretive roving at fire overlooks.
- Uniformed interpreters presented programs nightly at Tuolumne Meadows, Big Oak Flat/White Wolf, Yosemite Valley, Glacier Point/Bridalveil Campground, and Wawona.
- Daily walks were offered in Tuolumne Meadows, Tuolumne Grove, Yosemite Valley, Glacier Point area, and the Mariposa Grove.
- 900 DNC (concession) employees received an NPS/Bear orientation program by our staff.
- Planning was completed for the Yosemite Valley Visitor Center rehabilitation project and both the demolition of that space and the temporary move for the asbestos repair in the Valley building offices were successful.
- Parsons Lodge and the Parsons Lodge poetry and music series continued for its seventh season.
- Branch Chief provided over 288 hours of collateral duty service to the regional office as a CORE Mediator; the GS-11 Supervisory Park Ranger provided over 280 hours of collateral duty service to Mather Training Center as a trainer and competencies certifier.

Branch

Curatorial

BRANCH STAFF

1 Branch Chief/Museum Curator, Dave Forgang, GS-12
1 Museum Curator, GS-11
1 Museum Curator/Ethnographer, GS 11
1 Museum Technician/Slide Librarian, GS-07
1 Library Technician/Research Librarian, GS-08
1 Historian, GS-11

Total permanent employees: 6

Total detailed employees: 0

Total Term employees: 0

Total seasonals: 2

Total number of interns: 0

Total number of volunteers or volunteer hours as appropriate: 10

BRANCH HIGHLIGHTS

- A Museum Management Plan team met in September for two weeks to draft the MMP for Yosemite.
- All Inspector General's report updates and requests for information were submitted.
- Conservation survey conducted for 35 paintings from the collections.
- Curator reviewed approximately 12 park Environmental Assessments, Environmental Impact Statements, sets of construction drawings for park projects, and continued involvement in Native American consultation with park associated tribes.
- Curator and staff mounted two exhibits in the Museum Gallery and trained Yosemite Association volunteer staff as needed.
- Began relocation of collections in the attic of the Museum building.
- Wrote scope of work and drafted Cooperative Park Ecosystems Unit, Cooperative Agreement Modification, with the University of Washington to begin a Native American Traditional Use Study for Yosemite Valley and El Portal.

COLLECTIONS:

- Catalog documentation for over 38,000 items completed for submission to National Catalog
- All three annual inventories completed and submitted
- Rematted recently-conserved Jorgensen watercolors
- Worked with Autry Museum on Yosemite exhibit planning
- Submitted information on Yosemite art collections to askart.com website
- Researched fine art values on askart website
- Jorgensen exhibit proposal prepared and funded
- Conducted tours, prepared loans, worked with researchers.

ARCHIVES:

- Helped many researchers, both agency and public at the Research Library. Of these, approximately 65 also used materials brought to the Research Library from the El Portal archival storage.
- Reviewed a number of draft agency reports and proposals, especially those for archaeological investigation and compliance projects.
- In cooperation with a Sierra National Forest project, served on a Masters Degree committee at California State University, Sonoma, on the subject of Hites Cove.
- Worked with Yosemite Institute, The Yosemite Fund, and the Yosemite Association.
- Gave lectures in environmental history and provided research assistance with the University of Nevada, Reno Department of History.
- Contributed an introduction and new visual sources for a new edition of Josiah Whitney's The Yosemite Book (1868), published by Octavo.com.
- Article on Muir's "hoofed locusts" and sheep grazing in the Sierra Nevada accepted for publication by the Nevada Historical Quarterly.
- Majority of time in 2003 consumed by work with the US Geological Survey, Department of Justice, and Department of the Interior Solicitor on Terbush vs. US, a case resulting

from a rockfall death behind Curry Village. Included in this effort was work with the Protection Division on rockfall policy and emergency procedures for rockfall in Yosemite National Park.

RESEARCH LIBRARY

- The library was open 215 days with a 2-week closure for asbestos abatement.
- There were 46 major researchers using the library including many contractors and 165 information requests.
- 1335 items were checked out, 807 of which were books; 127 negatives were checked out for photo orders; 244 prints were checked out, many to be scanned.
- 112 books were added to the collection.
- 130 books, including some backlog, and 234 articles were cataloged.
- Tours of the library included students and staff of the Yosemite Park High School and a group from the congressional subcommittee hearings (Deputy Director, Regional Director, Superintendent, and Deputy Superintendent.) Special visitors included Stephen Mather's granddaughter and George Wright's daughter.
- Participated in the YA 80th anniversary celebration, accepting 7 out-of-print books for the collection, the Museum Management Review, and the Yosemite Reunion.

SLIDE ARCHIVE

- 1200 images were prepared for 47 orders; formats included slides and scanned images, as requested by the end user.
- Installed equipment to burn images to CDs; scanned images now comprise more than 60% of Slide Archive end product.
- Reorganized several portions of slide collection, including plants, using Botti's book, and birds, using the Yosemite bird guide.
- Assisted Collections Manager in cataloging fine arts pieces, collections inventory, and exhibit installation, due to staff shortages.
- Added 1800 images to database.

DIVISION

Division of Administrative Management

Division Mission

The mission of Yosemite National Park's Division of Administrative Management is to provide competent, quality support services to facilitate the National Park Service's ability to "conserve the scenery and the natural and historic objects and the wildlife therein and to provide for the enjoyment of the same in such manner and by such means as will leave them unimpaired for the enjoyment of future generations."

DIVISION STAFF

1 Division Chief, Heather Whitman, GS-14
1 IT Specialist
1 Administrative Support Assistant, Lapsed

Give total FTE for the division: 40.43
Give total FTE of lapsed positions for the division: 11.54
Give total new hires for the division: 4
Give total transfers for the division: 3
Give total retirements for the division: 0

DIVISION BUDGET

ONPS budget: \$2,140,000 (actual FY03 expenditures \$2,272,511)
Other Funding Sources (specify):
 Cost of Collection: \$50,719
 Utility Income: \$39,415
 Hetch Hetchy: \$79,138

Branch

Information Technology

BRANCH STAFF

1 Branch Chief, Dan Sohn, GS-13
4 Permanent IT Specialists
1 Term IT Specialist

BRANCH HIGHLIGHTS

- Approximately 4,000 computer user support contacts
- LAN extended to Wawona Fire and Maintenance facilities
- Seven servers added to network including 400 GB additional LAN storage
- Tape backup system capacity increased to six times former capacity
- 12 LAN security penetration attempts were detected and prevented

- 54 viruses were identified and quarantined or removed from users' computers
- Each of the park desktop/laptop computers had between 45 and 60 Microsoft updates either automatically or manually applied

Branch

Housing Management

BRANCH STAFF

1 Housing Manager, Cindy Baker, GS-9 (acting)
1 Housing Management Assistant

BRANCH HIGHLIGHTS

- Implemented new 2003 CPI rates and California survey rates for government furnished quarters using the Quarters Management Inventory System
- Divisions allocated 268 seasonal/temporary beds for summer of 2003
- Reduced park's housing inventory by 5 trailers, and 20 trailer pads
- Misc. information provided to the US Bureau of Census
- Total housing cost of \$52,745.31 charged to park benefiting accounts for FY 2003
- Processed 152 Possessory Interest Tax refunds totaling \$46,320.05
- 15 NPS housing units placed up for bid for employees
- Yosemite Pet Policy updated and mailed out to all occupants
- Housing Management Plan approved by PWR

Branch

Contracting and Property Management

BRANCH STAFF

1 Branch Chief, Lloyd Sheetz, GS-13
2 Contract Specialists
1 Purchasing Agent
1 Procurement Technician
1 Accounting Technician
1 Mail and File Clerk
1 Property Management Technician
1 Property Management Clerk
2 Materials Handlers
1 Motor Vehicle Operator

BRANCH HIGHLIGHTS

- We actively sought new vendors through participating in Small Business vendor fairs, providing assistance to upstart vendors with federal acquisition procedures, and competing previously sole sourced items. We competed warehouse supply items or ordering from previously unused supply sources such as Defense Logistics Agency Supplies. The warehouse staff is very diligent in searching for lower prices.
- Accounts Payable staff ensured that prompt payment discounts were identified, monitored and captured when ever possible. Since beginning this program in 2003, we have saved over \$50,000. For the Radio Upgrade program alone, we saved \$30,000.

- Contracting structured a rate freeze on Mariposa County Landfill fees for the next 5 years. This freeze has already yielded savings as Mariposa has raised fees an average of 10% this year alone.
- We cut several thousand dollars from our training expenses through the use of on-line training, sharing with other agencies and group discounts. In particular, the Contracting Officer arranged with the Department of Defense the use of their Defense Acquisition University for tuition free classes.
- As a result of our new policy of Contracting Officers surveillance and follow up with the requestor, the Park is no longer accepting shoddy workmanship or defective products. This ranges from exercising warranties on Leatherman Pocket Tools to rejecting a \$500,000 septic system that leaked. A trained and aggressive team of Contracting and Property is ensuring that the Park's money is spent wisely.
- We provide Contracting counsel and support for other parks. This includes over \$2 million dollars in Repair and Rehabilitation contracts tasked from the regional office to support Joshua Tree Park, Pinnacles National Monument, Sequoia and King's Canyon (SEKI). This includes pre-solicitation assistance, negotiation and administration. For example, during a flood at Pinnacles, a cofferdam failed and threatened an endangered species of frog.
- Technical Assistance - We provide expert assistance to Parks without specialized contracting resources. For example, we contract for SEKI's cave studies, provide assistance for parks ordering from the Defense Energy Support Center, and act as a national resource for IT purchases. We have purchased over \$50,000 dollars of computers for the Park Service.
- During the fires in Southern California, Yosemite provided over 7 weeks of contracting support (Contracting Officer and Purchasing Agent) through a direct emergency request for Yosemite's Contracting personnel from the Forest Service.
- Contracting and Property Management operations involve significant public contact with the business community. From vendor development and encouraging small business set-asides to speaking engagements and providing expert assistance to local Economic Development Agencies. The Branch has been actively involved in demonstrating Yosemite's involvement in the community.
- Mariposa Economic Development Agency and U.S. Army Corps of Engineers workshops. A direct result of the Park's skills being acknowledged by the SBA is that we have been asked to assist in other public venues. Aside from adding to our goal of increasing our vender base. The Mariposa and Army workshops allow the local area, and the nation, to see that Yosemite's works extend beyond its borders.
- Chamber of Commerce Luncheons - Our work with the Mariposa Economic Development Agency has lead to repeated requests to speak at the Mariposa Chamber of Commerce luncheon on Vendor Opportunities in the Park, Federal Purchasing Procedures and Federal Contracting Finance processes.
- Personnel's Contributions - Contracting and Property Management personnel contribute their time and skills to other Park division and the community at large.
- The Property Office has been actively supporting the community with IT donations to schools under Executive Order, Donations of Lost and Found items to charitable agencies and fire trucks to the Rural Assistance Program. We actively seek out the community's needs and then find the appropriate property regulation that allows us to succeed. Karen Kolbeck and Darlene Hales actively assist local charities in federal property donation procedures. Your property staff routinely finds new and innovative ways of cutting through red tape and accomplishing the Park's goals. Each time we find a way to help, the community remembers that Yosemite is a great place.
- During the year we aided Mariposa County in receiving a \$1.9 million dollar NPS grant for developing composting technology. In particular, we provided assistance in setting up the

federally (OMB) required audit and management controls needed to administer grants. This lead to follow on aid from the USDA to the sum of \$9 million.

- A request for assistance was received from the California EPA. CalEPA was conducting material testing for CalTRANS on recycled low polluting asphalt products. Normal asphalt leaches petroleum products for up to 20 years after the product is put down. These oils find their way into the water supply. In addition, old asphalt is creating a large problem in the state's landfills. Cal EPA needs a location that had various climates for on road testing and available staff to monitor the wear and traffic conditions. Working with Roads and Trails, I acquired a 6-ton test sample. In addition to participating in the test, the free test material reduced expenses in the Maintenance Division.
- As a result of our new relationship with Cal EPA, Cal EPA fully sponsored the production of a safety training video on green Machine Shop procedures. This represents a cost avoidance of approximately \$50,000 to the Park Service. The video will be distributed through the Safety Office to Parks nationwide again showcasing Yosemite as a leader in the environment and safety.
- In addition, the Cal EPA surveyed the Machine Shop and is going to certify our processes as Environmentally Friendly. Although, no direct costs can be associated with this action. The state certification will detract from any potential lawsuits on the El Portal operations. In addition, once again, this certification will testify that Yosemite is a good neighbor.

Branch

Human Resources

BRANCH STAFF

- 1 Human Resources Officer, Lorene Schafer, GS-13
- 1 Human Resources Specialist, GS-12
- 1 Human Resources Specialist, GS-11
- 2 Human Resources Specialist, GS-09
- 1 Workers Compensation Program Manager, GS-09
- 1 Human Resources Assistant, GS-06
- 3 Human Resources Assistant, GS-05
- 1 Personnel Clerk (temp)

BRANCH HIGHLIGHTS

- Hired 3 Human Resources Assistants (Jordan, Newitt, Harrison)
- Held a Human Resources Specialist meeting off-site (August 2003)
- Developed a work plan from the Specialist's off-site meeting (September 2003)
- 21 positions were classified by the Franchise/outside contractor
- Processed 3120 personnel actions
- Processed retroactive locality/pay adjustment
- Hired 398 temporary employees
- Hired 34 permanent employees
- Hired 7 term employees
- Received 191 request to recruit
- Advertised 75 requests to recruit in house
- 20 announcements advertised by the PWRO, OPM or outside contractor
- Rated applications on 2,361 applicants
- Initiated 200 background investigations
- Received 70 completed background investigations, 46 pending at the OPM, and 78 in progress

- Held in-processing/orientation of benefits for new permanent and term employees
- Counseled 9 employees during exit interviews regarding benefits/retirement
- Processed/counseled/assisted 5 employees on retirement incl. Mandatory, disability and voluntary
- Processed 1 disability retirement application – employee placed in another job!
- Held FEHB open season and processed 30+ changes
- Held TSP open season and processed 50+ changes
- Counseled 50+ employees on retirement/temp deposits/military deposits/effects on benefits of CIWS etc
- Held Retirement training – mid career and those within 5 years – for 94 employees (and spouses)
- Initiated/tracked over 140 drug tests for temporary/permanent employees and random test lists for the DoT program
- Tracked 30+ medical exams for Law Enforcement
- Coordinated 3 open seasons for FEHB and TSP (add/delete as appropriate)
- OWCP active cases 116
- Managing 127 “old” cases dating back to 1964
- Facilitated the approval for 5 surgeries related to works comp injuries
- Worked 2 new vocational Rehabilitation referrals, coordinating with the OWCP and Voc Rehab Counselor
- Continued management of 3 active cases from prior years
- Instructed a Workers’ Compensation TELNPS training course
- Conducted 4 Workers’ Comp workshops for Yosemite supervisors and employees
- Provides technical support to other Park WC Specialist
- Processed 21 adverse actions
- Processed 2 performance based actions
- Received 2 grievances
- Received 13 OSC, OIG, NPS Director inquiry, internal admin investigations, etc (add/delete as appropriate)
- Processed 4 requests for accommodation
- Processed 1 EEO complaint
- Processed 7 leave share requests
- Processed 2 management requests for medical info
- Processed 4 requests for temporary reassignment
- Processed a variety of miscellaneous actions such as court ordered record reviews, veteran’s preference issues, depositions, etc.
- Facilitated 35+ TELNPS broadcasts, including 20+ supervisory classes and 3 POSH classed
- Conducted 9 workshops for Yosemite on ethics, performance management and POSH/EEO
- Handled 30+ ethics inquiries
- 100 filers completed their OGE-450 filing requirements

Branch

Budget and Fiscal

BRANCH STAFF

1 Branch Chief, Maggie Martin, GS-12

1 Budget Analyst, GS-11

1 Accounting Technician, GS-8

1 Transportation Assistant, GS-5
3 Accounting Technicians, GS-5

BRANCH HIGHLIGHTS

- Prepared 265 deposits
- Issued 3,276 bills for collection
- Tracked 792, accounts including AOP's
- Managed 400 government credit card accounts
- Reviewed and paid 424, travel authorizations and vouchers, 29 mileage claims
- Submitted mileage and reconciled monthly GSA Motor pool bills for 400+ vehicles
- Issued payments of \$310,938 for telephone services
- Issued payments in excess of \$2 million for electrical power.
- Maintain official third party draft documentation for over 2,000 drafts
- Audited fee collection records for \$14 million, plus the property records for the various passports
- Managed the uniform program for 500+ employees

DIVISION

Business and Revenue Management

Division Mission

The Division of Business and Revenue Management, a diverse organization, makes significant contributions to the achievement of the following Mission Goals:

- Yosemite National Park's natural and cultural resources and associated values are protected, restored and maintained in good condition and managed within their broader ecosystem and cultural context.
- Yosemite National Park contributes to knowledge about natural and cultural resources and associated values; management decisions about resources and visitors are based on adequate scholarly and scientific information.
- Visitors to Yosemite National Park safely enjoy and are satisfied with the availability, accessibility, diversity, and quality of park facilities, services, and appropriate recreational opportunities.
- Yosemite National Park visitors and the general public understand and appreciate the preservation of the park and its resources for this and future generations.
- Yosemite National Park uses current management practices, systems, and techniques to accomplish its mission.
- Yosemite National Park increases its managerial capabilities through initiatives and support from other agencies, organizations, and individuals.

INITIAL DIVISION OPERATING BUDGET (FY2003)

ONPS Base authorization)	\$563,800	(initial
Concessions Management	\$399,800	
Bear Program Funding	\$ 43,800	
VIP Program Coordination	\$120,200	
ONPS Supplemental VIP Support Funding	\$ 5,650 ¹	
DNC Vehicle Lease Account (Shuttle)	\$ 45,948	(income estimate)
Cost Recovery SPU Accounts	\$ 232,000	(projected)
Hetch Hetchy Management (City of SF)	\$ 62,406	(initial authorization)
Hetch Hetchy Entrance Station (City of SF)	\$ 98,836	(initial authorization)
Fee Management, Cost of Collection	\$2,520,211	(initial authorization)
TOTAL	\$3,528,851	

¹ (BRM portion of regional \$17,000 distributed to various divisions)

(All funding sources excluding project work)

BUSINESS AND REVENUE MANAGEMENT DIVISION

Division Total FTE used in FY03: 61.67
Division Total FTE of lapsed positions: 12
Division Total new hires: 0
Division Total transfers: 0
Division Total retirements: 0

BUSINESS AND REVENUE MANAGEMENT DIVISION EMPLOYEES

Division Chief, Martin L. Nielson GS-14

POSITIONS	GRADE	# OF POSITIONS
Budget Analyst	GS-11	1
Project Liaison	GS-11	1 (vacant)

HIGHLIGHTS

- Project Liaison position was reclassified. Park project planning for visitor lodging at Yosemite Lodge and Curry Village, employees housing at Curry Village, campgrounds at Camp 4, Upper Pines, and new sites on the east end of Yosemite Valley, shuttle bus acquisition, and shuttle stop design as well as operational coordination on utility and parking projects had a major impact on the workload of the Division. Liaison functions were accomplished by detailing Kim Tucker, a Concessions Management Specialist into the role for most of the year. The Liaison position will not be permanently filled due to lack of funding.

YOSEMITE AREA REGIONAL TRANSPORTATION SYSTEM (YARTS)

- YARTS continued to provide service to Yosemite Valley with six (6) daily round trip runs from Merced (4)/Mariposa (2) and one (1) roundtrip run from Mammoth and Lee Vining over Tioga Pass during the summer. The Mammoth/Lee Vining run and one (1) Merced run were dropped to form the winter service schedule.
- NPS employees using YARTS qualify for a DOI transit subsidy program which covered 100% of the YARTS fare from Mariposa to Yosemite Valley.

CONCESSIONS MANAGEMENT BRANCH

CONCESSIONS MANAGEMENT BRANCH EMPLOYEES

POSITION	GRADE	# OF POSITIONS
Concessions Management Assistant (AO)	GS-06	1
Concessions Management Specialist	GS-11	3 (1 is vacant)
Concessions Management Specialist	GS-09	1 (vacant)
Civil Engineer	GS-12	1
Construction Analyst	GS-12	1 (vacant)
Construction Representative	GS-12	1 (vacant)
Financial Analyst	GS-12	1

BRANCH HIGHLIGHTS

- Participated in advancement of the Service-wide Concession Asset Management program
- Actively participated in the development, review, and evaluation of numbers of projects in collaboration with the Division of Project Management
- Conducted 53 concession evaluations (not including follow-up or informal evaluations or investigations) at DNC employee services, lodging, food and beverage, guest recreation, retail and transportation facilities and operations
- Completed 13 rate reviews for lodging, food service, and guest recreation services
- Processed and/or responded to 126 visitor comments regarding concession operations
- Reviewed and responded to 26 Operations Proposals (changes to existing services, notifications of approved special events and activities, requests for new services and construction or remodel projects) from DNC
- Conducted 3-4 weekly night patrols of DNC concessions facilities from June 13 through October 30 as part of the Yosemite Bear Council
- Reviewed and responded to 36 advertising pieces (brochures and newspaper, magazine and radio ads, etc.) from DNC and The Ansel Adams Gallery
- Staff member served as an Evaluation Panelist for an Everglades NP concession contract
- Staff members attended the Integrated Pest Management Workshop held in Yosemite National Park (32 hours) and Concession Contract training (40 hours)
- Attended Concessions Advisory Board meeting held in Yosemite Valley
- Worked with NPS staff on Glen Aulin High Sierra Camp water and sewer issues (need long-term solution)
- One seasonal position funded by the Bear Program who coordinated monitoring of concession land assignments for compliance with food storage and garbage management guidelines

DELAWARE NORTH PARKS AND RESORTS AT YOSEMITE (DNC)

- Completed franchise fee reconsideration
- Coordinated improvements to the primary concessioner Facility Management
- Finalized a Contract Amendment to further develop a maintenance program by acquiring a computerized maintenance management program and commitment to expend \$400,000 per year to enhance DNC facility management
- DNC filled a Facility Engineer position
- DNC purchased and began implementing a computerized maintenance management system

- DNC undertook an annual maintenance and repair program as presented in their 2002/2003 Maintenance Plan
- Increased level of capital improvement under the Capital Improvement Fund (CIF) and Government Improvement Account (GIA) programs
- Continued major rehabilitation of the Wawona Hotel building exterior
- DNC began a major rehabilitation of The Ahwahnee hotel with slate roof replacement and exterior rehabilitation
- DNC improved accessibility of several structures located at Curry Village, Yosemite Lodge and The Ahwahnee hotel consistent with the requirements of the Americans with Disabilities Act
- DNC was awarded the 2003 NPS Environmental Achievement Award for “Reducing, Reusing, and Recycling Throughout the West” and their environmental stewardship programs in Yosemite, Sequoia, and Grand Canyon National Parks

ANSEL ADAMS GALLERY

- The Ansel Adams Gallery was presented with a plaque from the California Historical Society for 100 years of business operation (Best’s Studio, Inc. celebrated 100 years in Yosemite National Park in 2002)
- Prospectus for follow-on to Ansel Adams Gallery concession contract, financial analysis, and draft concession contract documents completed and forwarded to Region.
- Completed a detailed condition assessment and design development plan, complete with cost estimate for major rehabilitation of all historic structures
- Developed a prototype concession maintenance plan to the level of a rough draft
- Began development of a computerized maintenance management plan for the Gallery as a prototype for concessioners operating in the range of \$05 to \$10.0 million annual gross revenue

YOSEMITE MEDICAL CLINIC

- Completed annual maintenance and repair program
- Completed roof replacement and repair program throughout all facilities
- Advanced the design evaluation of replacing the clinic building heating, ventilation and air conditioning system

HIGH SIERRA PETROLEUM

- Completed the installation of the station canopy of building façade
- Performed inspection(s) as needed to assure that the new facility construction met intended operational performance standards

EL PORTAL MARKET

- Completed franchise fee reconsideration analysis for El Portal Market.

Revenue and Fee Management FY 03

Branch Mission

Yosemite National Park Entrance Station and Campground Operations are dedicated to adhering to the Mission of the National Park Service, providing quality service and equal access to park visitors, presenting a professional image as caretakers of public lands and being accountable for fees collected, while maintaining a tradition of integrity through a work environment that promotes safety, security, equal opportunity, and mutual support of all employees.

PERMANENT REVENUE AND FEE BUSINESS MGT. BRANCH EMPLOYEES

POSITION/TITLE	GRADE	# OF POSITIONS
Revenue & Fee Business Manager	GS-12	1 (vacant)
Assistant Revenue & Fee Business Manager	GS-11	1
Budget Technician	GS-07	1 (vacant)
Park Ranger	GS-09	2 (1 is vacant)
Supervisory Campground/Visitor Use Specialist	GS-09	1
Supervisory Visitor Use Assistant	GS-07	6
Supervisory Visitor Use Assistant	GS-06	3
Lead Visitor Use Assistant	GS-06	6 (2 are vacant)
Visitor Use Assistant	GS-05	12 (2 are vacant)
Administrative Support Assistant	GS-05	1

SEASONAL REVENUE AND FEE BUSINESS MGT. BRANCH EMPLOYEES

POSITION/TITLE	GRADE	# OF POSITIONS
Visitor Use Assistant	GS-04	79

BRANCH HIGHLIGHTS

- Total revenue collected: \$14,463,880.00
- Processed 346 Requests for Resource Educational Fee Waivers; granted 342
- Clarisa Flores attended the Southern University Job Symposium February 17-20, 2003. Five Southern University students were hired for the branch as a result of Clarisa's efforts
- Clarisa attended 7 college job fairs distributing park and service employment information
- Twenty new bus companies were added to the Pre Authorized Debit Program resulting in \$414,760.00 in fees that did not have to be handled at entrance stations.

Branch Training

- Personal Safety and Security -- 16 hours – all branch employees attended this training June 4th and 5th
- Secret Service – Counterfeit Detection -- 4 hours – all branch employees attended this training

ENTRANCE STATION OPERATIONS

- Total Fees Collected: \$11,890,123.00

ARCH ROCK: Total fees \$2,914,680.00

- Carol Mutch participated in the parkwide Safety Action Team
- The annual park pass photo contest was won by Karen Kubichko of Arch Rock

BIG OAK FLAT: Total Fees \$3,996,264.00

- Michelle Harrison participated as a member of the Mather District Safety Action Team
- All staff members completed CPR/First Aid, Defensive Driving, and Hazard Communication courses
- Landscape project at the entrance station office completed
- To increase the safety of pedestrians around the entrance station two sets of rumble strips were installed approaching the kiosk upon exiting the park.

HETCH HETCHY: Total Fees \$45,101.00

- Station was staffed by entrance rangers from April 6th until November 1st.
- 731 wilderness permits were issued
- 741 food storage canisters were rented
- No reported bear incidents at the entrance station this year.

SOUTH ENTRANCE: Total Fees \$3,485,970.00

- Kurtis Hawk participated as a member of the Wawona District Safety Action Team
- Installed wireless panic alarms in both kiosks
- Installation of a safety check valve on the propane line feeding into the kiosk for heat
- All staff members attended the hazard communication training course
- Staff painted both the exterior of both kiosks and office

TIOGA PASS: Total Fees \$1,448,108.00

- Station was staffed by entrance rangers from May 31st to November 2nd
- Staff assisted maintenance in setting up tent cabins for employee housing

PARKWIDE CAMPGROUND OPERATIONS

- Total campground revenue: \$2,573,757.00
- Total Fees Collected in the field: \$729,903.

VALLEY CAMPGROUNDS (includes the Pines, Camp-4 and Backpackers camp)

- Total Fees Collected: \$378,391.62
 - National Park Reservation Service: \$174,909.00
 - First Come First Serve: \$203,482.62
 - Campground office was open all year
 - Late shift patrolled nightly until 0300 June-October
- Camp 4 was staffed May-October
- 10 boundary signs were placed in Upper Pines campground

- 11 campsites were displaced from North Pines beginning May 28th for five days due to high water
- 110 new bear boxes were replaced in Upper Pines in June by Youth Conservation Corps
- Four bear monitoring boxes were placed in campgrounds to alert wildlife staff when radio collared bears were in the roaming in or around east valley campgrounds

BIG OAK FLAT CAMPGROUNDS (includes Hodgdon Meadow, Crane Flat, Tamarack Flat, White Wolf, Yosemite Creek, Porcupine Flat):

- Total Fees Collected: \$155,490
 - National Park Reservation Service: \$33,919
 - First-come, first-serve: \$121,571
- Reservation office opened on 4/18/03 and closed on 10/13/03.
- New campground reservation trailer was installed in the Mather District. This provided a major improvement to the work environment as well as more professional and welcoming setting for park visitors.
- Fire crews and contracted tree crews cut underbrush between the park boundary and Crane Flat and created more than a thousand burn piles

TUOLUMNE MEADOWS CAMPGROUND:

- Total Fees Collected: \$86,468
- Campground opened 6/27/03 and closed on 9/29/03.
- Division Chiefs meeting was held in Tuolumne to address Tuolumne concerns. Michele Woods represented the campground and discussed campground and housing concerns.
- Campground employees worked with maintenance to determine one-way loops in order to make things easier for the garbage trucks that need to navigate through the campground and often encounter oversize RV's. One-way signs were installed.
- Rachael Doctor, a volunteer host, developed a thank you note to campers to provide positive feedback to campers with clean sites and closed lockers. She also educated campers about proper food storage and did an informal study on her contacts and findings.

WAWONA AND BRIDALVEIL CAMPGROUNDS:

- Total Fees Collected: \$109,553
 - National Park Reservation Service: \$28,141
 - First-come, first-serve: \$81,411
- Campground office opened on 4/25/03 and closed on 9/29/03.
- There were reservations for Bridalveil Group Campground beginning June 20. However, water was not yet available and restrooms could not be opened. The campground was opened and portable toilets were brought in until the water could be turned on June 26.
- MTV filmed an episode of their show "The Newlyweds" in Wawona Campground in June.
- Rock barriers were added in Wawona's C-loop to keep campers out of the meadow in the middle of the loop.
- Some old picnic tables were replaced with new refurbished ones.

Special Park Uses Branch

PERMANENT SPECIAL PARK USES BRANCH EMPLOYEES

POSITION TITLE	GRADE	# OF POSITIONS
Branch Chief, Special Park Uses	GS-13	1 (vacant)
Administrative Support Assistant (AO)	GS-05	2 (1 is vacant)
Lands Program Manager	GS-12	1 (vacant)
City Program Manager	GS-12	1 (vacant)
Permits Manager	GS-11	1
Park Ranger	GS-09	2
Volunteer Program Manager	GS-09	1
Volunteer Project Coordinator	GS-09	1
Maintenance Work Leader	WL-5	1 (vacant)

BRANCH HIGHLIGHTS

PERMITTING

- Thirty-four First Amendment permits issued
- Eight-five Special Use Permits in effect for maintaining a private residence on government owned lands
- Thirty-two commercial filming permits issued
- Two-hundred sixty-five wedding permits issued
- Three-hundred fourteen Incidental Business Permits issued
- Conducted commercial bus safety inspections in cooperation with the Protection Division and California Highway Patrol

VOLUNTEERS-IN-PARKS OFFICE

- Volunteers contributed 112,713 hours of service
- Ninety-five group volunteer projects were completed
- Thirty-four interns collectively contributed 16,073 hours of service
- Yosemite hosted two international volunteers and provided four project opportunities in partnership with the Golden Gate International volunteer program
- Instructed "How to Succeed with Volunteers" training at Golden Gate National Recreational Area

- Volunteer coordinator participated as a member of the Volunteer subcommittee of the Interpretive Ranger Advisory Committee

DRUG ABUSE RESISTANCE EDUCATION

- Conducted Drug Abuse Resistance Education (D.A.R.E.) program at local elementary schools

TUOLUMNE WATERSHED PROTECTION PROGRAM

- Liaison for the City of San Francisco continued to be filled through detail assignments. Mary Kline served for most of the year with Martha Lee taking over near the end of the fiscal year.
- Martha Lee, a recent graduate of the executive leadership program began her work by finishing the request for increased operational funding. This is the first substantial increase in operational funding for the watershed in over 3 years. Martha went on a backcountry trip with city and park officials which furthered her working relationships with both groups. As a result, work was started and completed on the water drainage correction at the Tuolumne corrals and work continues to be planned on the eventual move of the O'Shaunessy corrals.

DIVISION

Project Management

Division Mission

The Project Management Division mission is to manage design and construction projects and the environmental planning and compliance program for all projects within the park.

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
- Managing and facilitating environmental planning and compliance, design and construction
- Complying with environmental laws including NEPA, NHPA, ESA, WSRA and CWA.
- Providing regular status reports on project progress and expenditures

Following the 1997 flood emergency, the Office of Flood Recovery was established as a term (approximately four-year) organization responsible for the 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. Environmental planning and compliance responsibilities for projects as well as for all park operations were added to the Division's duties.

DIVISION STAFF

- 1 Chief of Project Management, Bill Delaney, GS-15
- 1 Project Manager Supervisor, GS-14
- 1 Construction Manager, GS-14
- 8 Project Managers, GS-13
- 2 Project Managers, GS-12
- 1 Compliance Manager, GS-13
- 1 Cultural Resource Specialist/Historic Preservation Officer (Compliance), GS-12
- 4 Resource Management Specialists (Compliance), GS-11
- 1 Budget Analyst, GS-11
- 1 Management Assistant, GS-11
- 2 Secretaries, GS-7
- 3 Admin Support Assistants, GS-5

Total FTE used:

Total FTE of lapsed positions:

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

Total transfers: 0

Total retirements: 0

Note: In addition to NPS staff, the Project Management Division contracted for project management, construction management, and environmental planning and compliance services equating to approximately 16 FTEs in FY 2003.

DIVISION BUDGET

FY 2003 obligations:

ONPS	\$
244,319	
Flood Recovery (Emergency Supplemental Appropriations Act, Public Law 105-18)	17,602,081
Recreation Fee Demonstration Program (80%)	5,132,960
Recreation Fee Demonstration Program (20%)	25,000
National Park Pass (70%)	
785,338	
Federal Lands Highways Program (Alternative Transportation)	3,100,000
Line Item (Dam Safety)	1,925,537
Yosemite Fund	212,328
Total:	\$ 29,027,563

HIGHLIGHTS

- Completed design development for the Yosemite Lodge, Curry Village employee dormitories, east Valley campgrounds, El Portal administrative building addition, and major Yosemite Valley utility upgrade/repair projects.
- Completed specifications and an agreement for procurement of alternative fuel shuttle buses for Yosemite Valley.
- Made improvements to parking conditions and pedestrian wayfinding at the Camp 6 parking area.
- Awarded a contract to remove the Cascade Dam and restore the free flow of the Merced Wild and Scenic River.
- Completed contracting documents for the upgrade of the Yosemite Valley Visitor Center and for the El Portal administrative building addition.
- Repaired flood damage by reconstructing 2 Yosemite Valley trails, repairing 8 Yosemite Valley trail bridges, and repairing 43 miles of high country trail.
- Continued Lower Yosemite Fall area improvements, including widening of trails and construction of new boardwalks, pedestrian bridges, a comfort station and a shuttle bus shelter.
- Completed comprehensive 5-year construction impact planning designed to minimize impacts to visitors during construction of the highest priority flood recovery and fee demonstration projects.
- Completed 290 preliminary compliance determinations, 233 Categorical Exclusions/memos to the file, and 3 Environmental Assessments (EAs). Continued work on another 3 EAs and

2 Environmental Impact Statements (EISs). Commented on 2 Environmental Impact Reports (EIRs) and 1 EIS from other agencies. Evaluated and responded to hundreds of public comments on the EAs and EISs.

- Coordinated consultations with 7 native American tribes (20 meetings), the State Historic Preservation Office (consultations occurred on over 200 projects), and the Army Corps of Engineers, the US Fish and Wildlife Service, and the California Regional Water Quality Control Board (multiple consultations required regarding the 8 EAs/EISs).
- Assisted with public outreach and statutory communications for 8 open houses.
- Managed the park's contact management database of over 6000 names, supporting the direct mail program that distributes planning updates and other park information to the public. Created and administered 6 databases for environmental planning and compliance management (including the databases for internal and public comments).
- Coordinated data acquisition for wetlands archeological resources, vegetation and rare/threatened/endangered species.

DIVISION

Resources Management and Science

GPRA Mission

The Division of Resources Management and Science is comprised of an interdisciplinary group of professionals dedicated to protecting the extremely diverse cultural and natural resources within Yosemite National Park. The Division seeks to systematically identify and understand the resources present in the Park, the activities and processes that sustain or degrade them, and their present condition. Once the present condition of resources is documented, work is conducted to determine trends – to see how the resources are changing through time. Of equal importance, the Division identifies and seeks to alleviate threats to Park resources. To ensure success in these critical endeavors, the Division is committed to working cooperatively in an integrated system with a large cadre of resources management professionals and scientists. These include staff from other Divisions within Yosemite and the USGS Biological Resources Division, as well as staff from other national, state, and local agencies, parks and protected areas, colleges and universities, and non-governmental organizations.

DIVISION STAFF

1 Division Chief, Russell Galipeau, GS-14
1 Acting Division Chief, Jerry Mitchell, GS-14
1 Division Liaison, GS-12
1 Administrative Support Assistant, GS-5
1 Office Automation Assistant, GS-5
.5 Budget Assistant, GS-9

Total Full Time Equivalents:	36.79
Total FTE of lapsed positions: 2	
Total new hires: 26	
Total transfers in: 3	
Total transfers out: 3	
Total retirements: 0	

Total Permanent Employees	15.5
Total Term Employees	12
Total Seasonal Employees	35

DIVISION HIGHLIGHTS

- Began the Yosemite Forum, a seminar series giving the Park community exposure to the researchers and research results from work completed in the Park and throughout the Sierra Nevada.
- Secured a grant from Yosemite Fund to renovate historic housing for use as a research station, to be managed by the University of California, UC Merced; compliance and planning were completed, and work was initiated.
- Sierra Nevada Network work plans and budget were approved, and Network personnel recruitments and selections were made, working with SEKI and DEPO.
- Yosemite Vital Signs Report was completed.
- Yosemite Valley Cultural Landscape nomination was completed and transmitted to the California (CA) State Historic Preservation Office (SHPO).

- Prepared Division Briefing Package, June 2003.
- Held Visitor Experience and Resources Protection (VERP) workshops to provide indicators for natural and cultural resources.

Division Budget

ONPS:

Base/without Bear Account	\$1,210,000
Bear Accounts	\$314,700
VIP	\$1,400
Region/WASO	\$209,142
Region/Hazmat (Region oversaw this money)	\$329,456

Yosemite Association	\$12,000
Yosemite Fund Grant	\$246,839
Fee Demo	\$651,261

REIMBURSABLE:

State/CDFA (CA Dept of Food & Agriculture)	\$2,839
State/Air Resources Board	\$91
USGS	\$10,000
Federal Highway	\$17,707

Historical Architecture

BRANCH STAFF

- 1 Program Manager, Randy Fong, GS-12
- 1 Historical Architect, Paul Chattey, GS-12

Total Permanent Employees 1
 Total Detailed Employees 0
 Total Term Employees 1
 Total Seasonal Employees 0

BRANCH HIGHLIGHTS

- Started and brought to 98% completion the Architectural Design Guidelines for Yosemite Valley; a similar project for the entire Park will be phase II.
- Provided liaison and support to University of Nevada/Las Vegas faculty and graduate students to re-write 30 incomplete/outdated National Register Nominations forms to be submitted to the CA SHPO and the Keeper of the National Register (NPS) in 2004.
- Provided research and basic architectural program for conversion of Residence 4000 and 4050 into Yosemite Research Station.
- Provided review and comment on 96 projects initiated by concessionaires and Park for improvements and repairs to Park facilities.
- Researched and wrote Project Initiation Forms for six projects (Yosemite Research Station, Ansel Adams Gallery Roof Repairs, Yosemite Clinic Roof, Yosemite Clinic HVAC, Yosemite Campground Bridge Repair, and Repair of Overhead Garage Doors on Bldg. 512).
- Coordinated Cultural Landscape Program issues in compliance reviews with Regional Historical Landscape Architects in Oakland and Seattle NPS offices. (44 primary and 21

secondary landscapes totaling 65 cultural landscapes identified on the Cultural Landscape Inventory [CLI], a proprietary NPS database.)

- Provided expertise in writing determinations of eligibility for listing in the National Register of Historic Places to Compliance, Roads and Trails, Project Management, and others.
- Provided historical architectural review and oversight for proposed Housing projects in El Portal and the Park's residential areas.
- Assisted in review and revision of regional Programmatic Agreement between the Park, the CA SHPO and the Advisory Council on Historic Preservation.
- Participated in numerous design workshops to review and provide comments on proposed projects (examples include re-roofing of Ahwahnee Hotel, seismic repairs to Wawona Hotel Main Building, Curry Village Renovation, New Employee Housing at Curry Village, Renovation of Yosemite Lodge and Camp 4, development of Architectural Design Guidelines, etc.).
- Participated in a NPS task force working to providing a more available and structured program to accomplish historic preservation training and project work within the Pacific West Region.
- Prepared Park's submission to the CA SHPO a nomination to list the Yosemite Valley Cultural Landscape on the National Register of Historic Places.

Ecological Restoration and Vegetation

BRANCH STAFF

1 Program Manager (vacant as of 6/27/03), Sue Fritzke GS-11(acting GS-12)

1 Acting Program Manager (Biologist), Sue Beatty, GS-11

1 Acting Program Manager (Botanist), Lisa Ordóñez, GS-11

5 Restoration Work Leaders, WL-5

1 Restoration Ecologist (vacant as of 8/9/03), GS-11

15 Restoration Workers, WG-5

Biological Technicians, GS-5

1 Biological Technician, GS-4

Total Permanent Employees 4

Total Detailed Employees 0

Total Term Employees 3

Total Seasonal Employees 20

PROGRAM HIGHLIGHTS

- Supported Park's "Top 15 Projects" by attending scoping and design workshops, reviewing design and construction documents, supplying subject matter expertise and impact mitigation text: Cascades Dam Removal, Curry Village, East Valley Campgrounds, Out-of-Valley Campgrounds, Shuttle Bus Stops, South Fork Bridge, Yosemite Falls, Yosemite Lodge, and Utilities Master Plan.
- Cook's Meadow Restoration: Planning of a 2nd boardwalk. Continued ground water well monitoring, mapping surface water inundation and preliminary analysis of vegetation and hydrology monitoring data.
- Eagle Creek Restoration: Removed abandoned sewer infrastructure, restored natural topography, decompacted soils, planted native propagules, mulched and installed split rail fencing.

- Happy Isles Fen Restoration: Restored natural contours, hydrology, and vegetation. A total of 640 volunteer labor hours were contributed on this project.
- Tuolumne Grove Restoration: Due to resource damage to the trunk of a giant sequoia, the boardwalk at its base was removed, soil was decompacted and mulched and the split rail fence was extended.
- Removed and restored over 534 inappropriately located campsites and reduced and/or maintained 181 campsites throughout the Yosemite Wilderness.
- SCA staff surveyed previously burned creek drainages in the Illilouette area for non-native plants and rare plants.
- Yosemite Association volunteer work groups removed inappropriate sites in the four mile no camping zone along the Lyell Fork of the Tuolumne. Additionally, crewmembers assisted in a rare plant survey.
- Yosemite Association volunteer work group continued to close user generated trails at Elizabeth Lake and removed fire rings at May Lake.
- All wilderness restoration sites were mapped with GPS.
- El Portal Road Project: Exotic plant mitigation continued with 6.5 mi. scorched using propane torches, effectively controlling the majority of the worst infestations of rose clover and purple vetch.
- Re-planted 300 lbs. of illegally harvested mosses from the Bridalveil Falls area.
- Staff planned the restoration component of the Yosemite Falls Project and provided resources monitoring.
- The special-status plant species list was finalized and a database created to maintain the information.
- Surveys for mountain lady slipper were conducted on the slopes to the west of the Wawona golf course and Wawona Loop Road. Eleven subpopulations were found with a total of 278 plants counted. Then, staff led the first Tuolumne Meadows Rare Plants YA Work Week.
- A total of 19 invasive plant species were treated and controlled in various locations throughout the Park.
- California SB 1740 funded surveying and control of spotted knapweed in 2002 and 2003. Forty-nine plants were removed and one new location was discovered.
- Combined effort of the Yosemite Association, Yosemite Fund, Delaware North Corporation and independent volunteers provided a total of 4389 volunteer hours.
- Lisa Ordóñez attended the First Annual California Latino Environmental and Natural Resources Conference to talk to young Latinos about jobs with NPS in natural resources. She also organized the first annual Women's History Celebration in the east auditorium in Yosemite Valley.
- Staff served as resource advisors on various fires, including the prescribed fires in El Portal and the Mariposa Grove and the wildland Woodlot Fire in El Portal. Monitored fireline rehab and wrote BAER requests for the Woodlot Fire.
- Staff presentations at the George Wright Society conference, April 2003: Preliminary Analysis of Restoration of a Wet Meadow, presented by Sue Beatty; An Evolving Wilderness Restoration Program in Yosemite National Park, presented by Vicky Hartman; Monitoring Changes in Channel Morphology of the Merced River in Yosemite National Park, presented by Marie Denn, Article written by Lisa Ordóñez and Donald Schweizer on the efficacy of an innovative, non-chemical method of Himalayan blackberry removal. Tilling Shows Promise for Controlling Himalayan Blackberry in Yosemite Valley. Ecological Restoration. March 2003.
- Sierra-San Joaquin Noxious Weed Alliance: Staff attended meetings to set statewide priorities and coordinate strategies for non-native plant control. Quarterly reports and invoices are submitted for the state-funded projects (SB 1740) through coordination with this alliance.

- Yellow Star-thistle Control in Merced River Canyon: Restoration staff joined the Sierra National Forest, Bureau of Land Management, and Upper Merced Watershed Council staff to manage Italian thistle and yellow star-thistle in the river canyon.
- Devil's Post-pile National Monument: Staff assisted with vegetation and photo monitoring of a meadow restoration project. Restored a 100 ft. section of eroded river bank and the adjacent river terrace was decompacted, planted, mulched and fenced.

Wildlife Management

BRANCH STAFF

1 Program Manager, Steve Thompson, GS-11

1 Biological Science Technician, GS-7

5 Biological Science Technicians, GS-5

Total Permanent Employee	1
Total Detailed Employee	0
Total Term Employee	1
Total Seasonal Employee	5

PROGRAM HIGHLIGHTS

- Assisted the I&M Network Coordinator in formulation of network plans, development of ecosystem conceptual models, hiring of staff, and data management.
- The Yosemite Lakes Survey project was completed. This survey covered all lakes, ponds, marshes, and wet meadows in Yosemite, numbering 3,107.
- Five Monitoring Avian Productivity and Survivorship (MAPS) stations were operated in Yosemite, marking the eleventh year of MAPS data collection.
- A research project on the distribution and abundance of California Spotted Owls in Yosemite was begun in 2003 under a Cooperative Agreement with USGS.
- The four-year Human-Black Bear Interaction Assessment project was completed.
- The reintroduced population of Sierra Nevada bighorn sheep located north and south of Lee Vining Canyon was censused and monitored throughout the summer, revealing a total of 38 animals, up from the count of 28 made in 2002, and reflecting good reproduction and over-winter survival.
- A project for Emergency Restoration of Mountain Yellow-legged Frogs was developed and received funding through the Fee Demonstration program. Work was begun on the related Environmental Assessment.
- Involvement was maintained in interagency work groups to develop Conservation Assessments for Pacific fisher, mountain yellow-legged frog, and Yosemite toad. Meetings were attended for each species, and draft documents were reviewed.
- Wildlife Management worked closely with Protection Division to designate and implement climbing and air space closures around peregrine falcon aeries. A survey for aeries in Yosemite Valley revealed a new location on the rock face west of Leaning Tower.
- Wildlife Management continued to be the lead division in implementation of the park's Human-Bear Management Plan. Nightly patrols were conducted to educate visitors, detect food storage problems, and haze bears out of developed areas. Nineteen captures of 9 different bears were made in 2003, with 5 bears relocated and one bear killed after it habitually broke into occupied dwellings in El Portal. Active involvement in the Yosemite Bear Council was maintained to achieve interdivisional solutions to human-bear issues.

- Activity of mountain lions in developed areas was monitored, and the public and Park residents were kept informed and advised of proper precautions in cooperation with Protection and Interpretation divisions.
- Regular consultation was provided to the Park's Safety Office concerning exposure of park employees and visitors to zoonotic diseases, such as rabies, hanta virus, and bubonic plague. New information was also tracked about West Nile virus, and its possible impending effects on wildlife and humans.
- Review and feedback on 10 environmental compliance documents was provided.
- Wildlife Management staff represented the park in nine interagency wildlife groups by attending meetings, reviewing documents, providing NPS feedback, and participating in field activities.

Sierra Nevada Inventory and Monitoring Network

BRANCH STAFF

1 Biological Science Technician, Meryl Rose, GS-7

PROGRAM HIGHLIGHTS

- Initiated a Task Agreement with the UC Museum of Vertebrate Zoology, Berkeley (MVZ) to conduct small mammal inventories in Yosemite in conjunction with their efforts to resurvey sites originally sampled by Joseph Grinnell and MVZ staff from 1914 to 1920.
- Recorded presence of the western harvest mouse (*Reithrodontomys megalotis*) in Yosemite Valley, a species previously unknown from the Park.
- Documented range expansion by pinyon mice (*Peromyscus truei*), normally a woodland species, into sub-alpine habitats in the Park.
- Using Sierra Nevada Network I&M funds, staff finalized the list of vouchers from regional herbaria that largely document vascular plant occurrence in Yosemite. The final database documents occurrence of 1,560 taxa based on 9,631 vouchers. A total of 155 putative additions were made to the park flora list since the 2001 publication of a new Yosemite flora.
- The first year of an inventory of small vertebrates was completed. The current survey documented 9 of 15 rodent species, and two of three reptile species targeted as a high priority for detection.
- Established an interagency agreement with USGS-WERC at the Yosemite Field Station to finalize a special status plant species list for Yosemite and to conduct field surveys for the highest priority taxa.
- All bird species (n = 149) documented in the Avian Inventory of Yosemite National Park from 1998-2000 (Siegel and DeSante 2002) and entire voucher database representing holdings of the park herbarium and three regional herbaria were entered into NPSpecies.
- Updated the Yosemite wildlife observation database with recent records.
- GIS vegetation maps: A total of 2,126 ground-truthing field assessments were accomplished. Completed digitization of 100,000+ polygons.
- NatureServe, ESRI/AIS, and Yosemite staff continued to work on finalizing the vegetation classification.

Physical and Environmental Sciences

BRANCH STAFF

1 Acting Branch Chief, Joe Meyer, GS-12

1 Hazardous Materials Coordinator, GS-11
1 Air Resources Technician, GS-7
2 Hydrologic Technicians, GS-5

Total Permanent Employees 3
Total Detailed 0
Total Term 0
Total Seasonal 2

PROGRAM HIGHLIGHTS

- Hazardous Waste Management and Integrated Pest Management
- Provided Point of Contact for the 2003 Environmental Health and Safety Audit. Coordinated correcting remaining safety deficiencies from the 2000 audit, answering an extensive 350 pre-visit questionnaire, and coordinating the actual 5-day audit event with the audit team and park escorts. Of the 335 findings identified in the draft 2003 report the Park was able to correct all but 56 by the end of the year.
- The Environmental Cleanup Liability program at Yosemite was audited this year by the Department of Interior. Yosemite has 30 sites identified for this program.
- Yosemite Creek Repeater site was cleaned up by SBC to the standards required by the CA Regional Water Quality Control Board and the NPS.
- The consent agreement between the Department of Toxic Substances Control and Park regarding 13 waste accumulation areas continues to be monitored.
- Collaborated with the Protection Division on an emergency hazardous spill contingency plan.
- Air Quality
- Represented park at regional EPA and CA meetings related to designation of federal Nonattainment Area for the new 8-hr ozone standards.
- Attended training course on transportation.
- Maintained the park's monitoring sites, including: NADP wet deposition, CASTNet dry deposition, IMPROVE, Transmissometer, Ozone (2 year 'round continuous monitors with associated meteorology and several seasonal passive monitors), PM 10, PM 2.5, NOx, CO
- Developed an air quality handbook for use by the park's interpretation staff.
- The interactive CD ROM, "Something's in the Air" has been completed and is now ready to be displayed in the Visitor Center.
- Assisted with the Prescribed Fire program's smoke monitoring efforts when called upon, and provided PM data. Handled some "smoke complaint" phone calls.
- Water Resources
- Facilitated the ongoing Inventory and monitoring of Yosemite hydrologic processes by providing guidance in determining sampling locations, methods, and priorities, and providing logistical support.
- Promoting collaboration among researchers from USGS, Scripps Institution of Oceanography, California Department of Water Resources, and the Western Regional Climate Center, by hosting a Hydroclimate workshop in October 2003.
- Alpine River Monitoring System: 11 sites in the Tuolumne River drainage and eight sites in the Upper Merced River drainage were instrumented. Each site was visited several times throughout the snow melt season to measure stream discharge and water temperature and conductivity.
- A study is being conducted in conjunction with the Risk Assessment Study of High Elevation Aquatic Ecosystems to assess the risk airborne pollutants pose for high elevation aquatic systems.
- Water samples were collected regularly in conjunction with hydrologic measurements in the above study and from many other streams and lakes. A synoptic sampling of 56 lakes and

streams throughout the upper watersheds of the park was conducted near the end of September to capture base flow conditions.

- Several new or improved automated weather stations were initiated during 2003. Expansion of the instrument array at Gin Flat was completed including installation of a thermocouple array to measure temperature as a function of depth in the snowpack. Compliance for the remaining weather stations was completed and the tower bases installed.
- The Happy Isles Gauging Station (HIGS), one of the oldest high-elevation stream gauges in the western U.S, has been upgraded to collect a suite of water chemistry data (nitrate, nitrite, conductivity, silicates, etc.) and a limited amount of weather data.
- To ensure the continued operations of the HIGS, a proposal has been developed to construct an instrument house. Interpretive displays, AC power, and telephone connectivity will be installed.

Geographic Information System Lab

BRANCH STAFF

1 Program Manager, Joe Meyer, GS-12

1 Geographer, GS-11

1 Geographer, GS-9

Total Permanent Employees 2

Total Detailed Employees 0

Total Term Employees 1

Total Seasonal Employees 0

BRANCH HIGHLIGHTS

- Staff took the lead in developing an Information Delivery System (IDS).
- Vegetation mapping: Digitization of the draft polygons was completed. Significant progress was made on the floristic classification, with only minor changes remaining (e.g. formatting, development of brief descriptions for some types, etc.).
- Over 1600 polygons were assessed during the 2003 field season to complement the 583 assessed in 2002.
- Fire Management Plan/EIS: a significant amount of work was to update the maps and analysis in response to changes made as a result of public review.
- Fire Management Plan/EIS: Assessed the burn severity of the Wolf complex WFU.
- Staff assisted North Cascades complex WFU in North Cascades National Park and configured their GIS equipment and data to better support management of the complex.
- Planning, Compliance, and Project Management: Support was provided to the "top 15" projects, primarily in the form of providing data and generating maps, and occasionally performing analysis.
- Merced River Plan: Monitored the level of the Merced River during spring runoff.
- Staff attended the hearing of *Friends of Yosemite Valley v. Norton et. al.* at the Ninth Circuit Court of Appeals in San Francisco in May.
- The GIS lab provided many maps and analyses to other divisions of the Park.
- Grupé presented a poster describing the burn severity analysis of the Hoover WFU (2000) at the NPS Spatial Odyssey and at the Fire and Meteorology Conference

Archeology

BRANCH STAFF

1 Program Manager, Laura Kirn, GS-12
1 Staff Archeologist, GS-11
1 Lead Project Archeologist GS-11
1 Project Archeologist, GS-9
1 Fire Archeologist GS-7
2 Field- Crew Chiefs, GS-7
4 Field Crew Archeologists, GS-5
1 Field Crew Archeologist, GS-6
1 Student Intern

Total Permanent Employee	1
Total Detailed Employee	0
Total Term Employee	5
Total Seasonal Employee	6

PROGRAM HIGHLIGHTS

- Archeological test and data recovery excavations were conducted at four sites in Yosemite Valley, in support of the Phase 1 Utilities Improvement Project. Analysis is ongoing, and the draft project report will be available in the spring of 2004.
- Backcountry Trails Archeology Program: 800 acres were inventoried for archeological resources, and 31 sites were documented so that trails-related impacts could be avoided. Test excavations were conducted at one site in Tiltill Valley, in support of proposed continued use as a trail crew camp. Since the testing revealed significant, intact deposits, an alternative camp location was selected and the site will be restored to natural conditions.
- Wilderness Restoration Archeology Program: 914 acres were inventoried and 17 archeological sites were documented, so that impacts related to the park's Wilderness Restoration program could be avoided.
- Archeological Predictive Modeling Project: As part of the GIS-based predictive model testing, 800 acres in various ecological zones were inventoried for archeological resources. Eight sites were documented, and model testing will be ongoing for the next few years. We currently have an approximate 85% confidence level in predicting the occurrence of sites, based on ecological factors.
- Archeological Resource Management for Fire Program: Inventoried nearly 400 acres in response to planned management burns, suppression fire response, or wildland fires for resource benefit. A total of 31 archeological sites were documented and pre- and post-burn site assessments were conducted. Archeologists responded to resource protection needs for the Woodlot, Tuolumne and Kibbie suppression fires, and contributed substantially to the park's Resource Advisor capacity for these emergency situations.
- Monitoring for development projects during ground disturbing activities continued at the Lower Yosemite Fall project site, as well as 14 smaller-scale park projects and operations. No NAGPRA discoveries were associated with ongoing construction projects.
- Reburial of human remains: Archeologists worked with local American Indian tribes to rebury human remains discovered during the 1997 flood. Work involved archeological excavation for reinterment and logistical support during the reburial ceremony.
- Discovery of human remains: Archeologists worked with local residents to retrieve human remains discovered on park administrative lands in the El Portal area. Consultations under NAGPRA are ongoing.

- 3,512 acres were inventoried for archeological resources and 76 newly-discovered sites were documented. Records for 33 sites were updated, and six sites were subject to test excavation or other evaluative work.
- Nine archeological reports were completed: Report on Archeology in Support of 2002 Prescribed and Wildland Fire in Yosemite National Park, Archeological Assessment of the 2001 Backcountry Trails Project, A Cultural Resources Assessment of Five Archeological Sites in Wawona, Report on Archeological Survey for the 1992 Wilderness Restoration Program, Archeological Inventory and Fire Damage Assessment for the Hoover Fire Complex, Report on Archeological Survey for the 2001 & 2002 Wilderness Restoration Program, 2003 Yosemite Archeology Predictive Model Fieldwork Summary, Draft report on file, Archeological Inventory of the Mariposa Grove Road and Selected Grove Locations, Damage Assessment Report: Archeological Site CA-MRP-250/H, and Archeological Inventory and Fire Damage Assessment for the Lost Valley Fire.
- Information Systems: 11 archeological data sets are maintained and updated.
- Provided significant support to the Project Management Division for initial project scoping, identifying resource concerns and information needs, revising methodologies for impact analysis, writing and reviewing sections of environmental documents, and assisting in consultations with Indian tribes. Work evolved into implementing archeological investigations through contract, involving preparing scopes of work, government estimates of cost, negotiating contract price, and administering technical aspects.
- Provided review and comment on 96 projects initiated by the Park and partners for improvements and repairs to Park facilities.
- Participated in review and revision of the park's Programmatic Agreement for Section 106 compliance, together with park and regional cultural resource staff.
- Burn Unit and Wildland Urban Interface Inventory: 400 acres in the Big Creek Burn Unit and 215 acres in the Aspen Valley Road Corridor were inventoried in support of planned burning and fuels thinning. A total of 16 archeological sites and the Old Big Oak Road were documented.
- Attended George Wright Society Meeting, and co-presented paper on Yosemite Archeological Predictive Model.
- Developed Damage Assessment Report for ARPA violation at significant archeological site in El Portal.
- Archeology staff and partners presented six professional papers on Yosemite archeological research and resources management at the annual Society for California Archeology meetings.

DIVISION

Facilities Management

Mission

This division is responsible for the operation and maintenance of Yosemite's roads, trails, buildings, housing units, utility systems and vehicles and equipment fleets, which collectively form the infrastructure of a land area roughly equal to that of the state of Rhode Island. The overarching objectives of the division are (1) to ensure that visitors' experiences are safe and enjoyable, and (2) to assure protection of cultural and natural resources. Across activities, special attention is paid to responsiveness to visitors' needs and sensitivity to fragile park resources.

BUDGET

Total: \$20,286,886
ONPS: \$9,175,281
Cultural Cyclic Maintenance: \$126,150
Regular Cyclic Maintenance: \$1,025,100
Repair/Rehab: \$2,120,274
Youth Conservation Corp (YCC): \$70,820
Equipment Replacement: \$226,904
Housing Initiative: \$507,500
YCS-Trails/Snow Removal: \$157,973
Federal Land Highway Program (FLHP): \$244,137
Hetch Hetchy: \$482,757
USFS Forest Pest: \$5,000
Utility Income: \$4,568,648
Solid Waste Income: \$67,395
Donation: \$199,660
Quarters: \$1,221,284
USDE/PG&E Retrofit: \$8,245
Mess Income: \$79,758

STAFF

1 Chief, Division of Facilities Management and Engineering, Dennis Mattiuzzi, GS-14
1 Secretary, GS-7
1 Budget Analyst, GS-11
1 Budget Assistant, GS-7
2 Computer Clerks, GS-4

FTE for the Maintenance Division: 230.49
FTE of lapsed positions: 68
New Hires: 4
Transfers: 1
Retirements: 1

HIGHLIGHTS

- Completed with the help of a contractor condition assessment or life cycle analysis on 1,857 assets
- Implemented a Customer Service Center to provide a process for requesting and documenting services provided by the Facility Management Division for our customers.

FACILITY MANAGEMENT SYSTEM SUPPORT/CUSTOMER SERVICE CENTER

1 Facility Manager, GS-12
1 Information Tech Specialist, GS-11
3 Facility Mgmt Specialists, GS-7-9-11
1 Facility Liaison Specialist, GS-11
1 Safety Technician, GS-8

HIGHLIGHTS

- Provided project liaison services to Facility Management Division for 15+ projects managed by Project Management Office
- Provided project liaison services to Facility Management Division for Project Initiation Work Group, Communication Team, Hazcom Training Instructor and interdivisional coordination of operational functions
- Coordinated contractor performance of Comprehensive Condition Assessment on buildings, rounds, Roads, trails and utility systems parkwide
- Managed Facility Management Software System (FMSS/Maximo) establishing an inventory of park assets and utility system components
- Developed a utility system feature inventory/preventive maintenance program in FMSS/Maximo
- Provided FMSS/Maximo training and support services to Facility Management Division branch chiefs, supervisors, and support staff
- Established and managed standing work order inventories to track labor and services accomplished on assets parkwide
- Developed a (4) year computer replacement plan for Facility Management Division computer assets
- Progressed development of customer service center to receive work requests and manage work order process in FMSS/Maximo
- Assisted with PMIS and OFS development for annual budget call

Roads and Trails Branch

STAFF

Facility Manager, Jim Cyr, GS-13
1 Maintenance Mechanic Supervisor, Tim Ludington, WS-14
51 Permanent Employees
20 Subject-to-Furlough Employees
9 Term Employees
21 Promotions (NTE and Permanent)

100 Seasonal Employees (Includes 41 Youth Conservation Corps (YCC) Employees)
5 Details
1 Reassignment

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.

HIGHLIGHTS

AVALANCHE MANAGEMENT

- Assess potential avalanche hazards on Tioga Road corridor during Spring Opening operations
- Mitigate avalanche hazards through the use of explosives and application of charcoal to snow surface by helicopter, by explosive charge and by hand.
- Continue development of an avalanche team and a set of proven effective and safe procedures to operate under.

CORRALS OPERATION

- Supported Park wide operations
- Trail camp moves and re-supply
- Logging Operations
- Backcountry Rangers
- Archeologists' camps/ recons
- Spring Horse School
- Horse Schools (SAR) Spring and Fall
- Bishop Mule Days
- VIP Trips
- Valley and TM Horse Patrol (including White Wolf and Hetch Hetchy).
- Prescribed Fires.
- Search and Rescue (carry outs)
- Animal carcass explosives disposal (assisted).
- Interpretation; Buffalo Soldiers, Wawona Wagon Ride.
- YCC support
- Support Backcountry Utilities.
- Yosemite Association; Ostrander winter re-supply and clean-up.
- LYV Ranger Station weekly re-supply.
- Stock support for 4-mile gate installation.
- Stock support for hauling decking lumber up to Vernal Fall viewing bridge.
- Stock Support for Grand Canyon of the Tuolumne bridge-decking repair.
- Valley clean up.
- Half Dome cables.
- Manure removal; Valley, TM, White Wolf, Hetch-Hetchy.
- Tack repair
- Merced College shoeing school.
- Participated in blasting handlers' certification course for 8 animal packers.
- Completed Mounted Patrol Instruction; Sacramento Sheriff's Mounted Patrol.

EXPLOSIVES MANAGEMENT

- Ensure all explosives use complies with "Director's Order #65"
- Coordinate with the regional Blasting Officer on all Explosive Use and Safety issues.

- Coordinate training to ensure an adequately trained staff capable of accomplishing all Park blasting requirements.
- Assists other National Parks with needed expertise as requested by Regional Blasting Officer and approved by Superintendent.

INTERIOR FLEET MANAGEMENT

- Coordinated ordering and receiving 65 new GSA replacement vehicles, arranged for pick up of the old GSA vehicles
- Coordinated and arranged for 30+ GSA and commercial lease Summer Use vehicles for Parkwide use
- Submitted PMIS packages for equipment under the ERP, prepared spec and submitted purchase order requests for the purchase of 3 pieces of equipment approved by ERP
- Coordinate annual Crane and Hoist certifications, for V. Roads, E.P. Roads, BCU, High Voltage, Machine Shop, E.P. W.W.T.P., and Corrals equipment.
- Coordinate and arrange for vehicle damage repairs, 35 vehicles repaired at a cost of approx. \$49,724.00
- Support R & T Operations, arrange for equipment rentals, consolidate tire chain, cutting edge and snow stake purchases for the branch, and consolidate street sweeper broom core purchases for the branch.

MACHINE SHOP

Training

- Avalanche- all employees
- Hazard Communication (Haz-Com) Training- all Employees
- Fall protection- 1 employee
- Fire support
- Old Fire- 1 person and 1 shop vehicle
- Kibbie Fire- 2 persons and 2 shop vehicles
- Shop Operations
- New Kodiak Snow Blower Engine and Gear Box
- Filled Tool and Parts position (8822-N00026N WG-05/05)
- 7 New units with
- Uniformity of ranger vehicles installs
- Processed 32 new GSA vehicles
- Fabrication Projects
- 108 Brackets to re-invent bathroom Stalls- for Bear Protection
- Design Aluminum Mule Racks (50% lighter)
- Rock lifting tripods for Trails
- 4 Mile Trail Gate build and install
- Redesign and build tunnel drain gates- for Roads
- Repairs to handrails to ensure visitor safety at Vernal Fall, Columbia Point, and Yosemite Falls- for Trails
- Amphitheater project at White Wolf- for Interpretation
- Survived Environmental Audit
- Bear Proof Garbage Can Modifications- Wildlife Management
- Wawona Covered Bridge Brackets- for Historic Preservation
- And the Normal day to day maintenance and support of the Park's fleet of 700 (+) vehicles
- PARK FORESTER
- Administered six timber sales removing approximately 2,000 tons of tree hazards along park roads and utility corridors.

- Oversaw DNC tree hazard management at all of their Concession Land Assignments.
- Administered service contracts brushing 14 lane-miles of primary park road, 16 lane-miles of secondary park road, and one mile of developed park boundary.
- Reviewed tree hazard mitigation work by PG&E along 15 miles of aerial power lines; assisted PG&E with permitting, compliance, and wilderness issues.
- Solicited and evaluated bids and administered contracts for tree clearing and grubbing on Lower Yosemite Falls and Curry Employee Housing "Projects".
- Presented case studies at the California Tree Failure Reporting Program annual meeting, and attended California Forest Soil Council and California Forest Pest Council annual conferences.
- Conducted ground and aerial forest pest surveys and submitted significant findings to national databases.
- Reviewed and prepared substantive comments on several major plans, most notably Draft Yosemite Fire Management Plan.
- Served as primary Yosemite contact for excavation under California's "One Call" law (USA North).

FORESTRY, VALLEY AND EL PORTAL DISTRICTS

- Tree hazard reduction in El Portal and Valley housing areas (primarily trimming)
- Tree hazard reduction and power pole removal along hwy 140 between El Portal and Valley
- 1-week work detail in Pinnacles National Monument.
- Assisted with in Park RX fire. 2 crew members to Hawaii on fire assignment
- Responded to storm damaged trees along roadsides and in public use areas.
- LYV campground clean up from winter storms. (48 piles brush, 7 cords wood, 10 trees felled) 2 days 3 workers.
- Tree hazard reduction in for all Valley area NPS facilities, (roadsides/bike paths, picnic areas, parking, housing)
- High water repair work. Removed tree debris from Valley bridges on a regular basis during run off.
- 1-week work detail in Lassen National Park.
- Assisted with fire suppression.
- Tree hazard reduction along Hwy 41 (Valley to Yosemite West.)
- Continue tree hazard reduction in Valley areas.
- Assist Mather Forestry along Tioga corridor

TREE HAZARD REDUCTION

- Tree Removals 369 - Valley/El Portal and District Roadsides
- Trees Trimmed 104 - Valley and El Portal Housing
- Trees Topped 3 - Trees topped for wildlife habitat
- Loads Hauled 280- (156 log loads =600+ cords, 68brush, 24 chips)
- Borax used 40-lbs. approx.
- Tree Failures 9 crew days responding to storm related tree failures
- Climbing Time 163 hours

OTHER DUTIES

- Fire Control – 1340 regular hrs (approx. \$33,000.) Assisted in fire control efforts in Yosemite NP and out of Park Interagency Fire control assignments.
- Assist Mather Forestry – approx. 1 ¾ PP's (320 person hours)
- Assist Preservation Shop – PAST program 1 employee 2 PP's.
- Yosemite Falls Project–3 crew days (58 trees trimmed, 17 removed)
- Lassen National Park – 2 crewmembers, 1 week with Mather crew. Hazard tree removal

- Pinnacles National Mon. – 3 from crew +1 Mather for 1 week. Hazard tree removal

SAFETY

- Safety meetings at the start of each workweek and on site briefings before high-risk tasks performed.
- Injuries = 1 reported poison oak exposure, required medical treatment.
- Annual Crane Certification Oct. 02 on both Forestry aerial platforms.

TRAINING

- Aerial Rescue
- Wildland Fire Refresher – all crew
- IT Security training – all crew
- Level II COR/COTR training – L. Castro 11/21/02
- Budget training – 40 hrs (L. Castro) 3/24 – 27/03

FORESTRY OPERATION

MATHER DISTRICT

- Total of 643 hazard trees were removed. 504 trees removed in campgrounds and government housing. 139 trees were removed along roadsides, primarily the Yosemite creek campground road where 131 trees were removed.
- Total of 200 trees were trimmed in government quarters areas. 170 in Tuolumne and 29 at the Mather tent area and 1 at the Porcupine trail head parking.
- Total of 32 stumps were mechanically ground.
- Total of 43 loads of slash, logs and chips were hauled to various wood lots in the Mather district.

WAWONA DISTRICT

- Total 71 hazard trees were removed in campgrounds, government housing area, South Entrance and the Mariposa grove.
- Total of 45 trees were trimmed, mostly at south entrance.
- Total of 33 stumps were mechanically ground.
- Total of 43 loads of logs, slash and chips were hauled to disposal sites and wood lots.

ADDITIONAL WORK ASSIGNMENTS

- Total of 65 person days were spent assisting on prescribed and wild fires.
- Total of 11 person days assisting the road department (paving the grove road).
- Total of 12 person days doing tree work in Lassen.
- Assisted other departments and responded to special requests from, Mather buildings and grounds, Wawona interpretation (log rounds) and Native American activities.

TRAINING

Attended required safety training such as hazard communication and defensive driving. We were not able to hold our annual tree felling training course this year due to lack of time during the spring when the training is usually held.

SUMMARY

Tree work accomplished in both districts included tree hazard survey, detection and examination. Also included was complete site rehabilitation and chemical treatment of new stumps that were flushed. Total of 714 trees removed, 245 trimmed, 65 stumps flushed and 104 loads of slash, logs and chips hauled. We were not able to remove hazards along any of the primary road corridors in either district due to time and insufficient crew size to do the job safely. We were able to

complete more trimming than we usually do and the work was appropriate for the crew size on hand. The Mather crew consists of a Forestry Supervisor, one Forestry Worker, one Tree Worker, one Tree Faller, and one vacant Forestry Worker position. The Mather and El Portal crews assisted each other during times of low staffing and when the job required additional personnel

SIGN SHOP

- No loss time injuries in FY 2003
- Tioga and Glacier Point Road Spring opening. Supported maintenance crews and Avalanche Team with proper signage. Replaced/repairs approx. 35 Regulatory and Informational signs before road opening.
- Maintain, Repair, and Fabricate Regulatory, Informational, Directional and Emergency Signs Parkwide.
- Support the 2003 \$124,000.00 Striping Contract with COTR and 2 inspectors.
- Fabricated and maintained the Valley Emergency Sign Cache.
- Converted Southside Drive to two-way Traffic at least 2 times during emergency Road Closures
- Supported Project Management Projects with various sign plans and signs
- Fabricated approx. 15 signs for re-do of Camp 6
- Fabricated approx. 500 Bear Decals
- Fabricated approx. 700 out of park decals
- Cleaned and Striped 6 Major Parking Lots and numerous Minor Lots.
- Corrected and completed several Park Contracts with Proper Signage and Striping.
- On a 1 day notice converted the 5-year pilot/prototype Brenda signs back to the Yosemite Valley Signage. This project has not been completed, now that Don Meeker is updating the Valley Sign Plan we may wait pending Meeker Associates recommendations and Park review approval. This may change the location names of valley destination points.
- Provided workable solutions to park operations, emergencies and various Divisions with signs to meet park goals

TRAILS OPERATION

FY03 / Fall02 accomplishments:

- Happy Isles Water Tank Bridge Re-decking
- Lower Yosemite Falls Bridge Railing System
- South Fork Swinging Bridge Evaluation / Maintenance
- Bailey water tank bridge repair/partial re-decking/kickrails
- Yosemite Falls Bike Trail Bridge Repair / Partial Re-deck
- Wall Repair Chilnualna Falls Trail

Winter operations 2002-2003:

- Cleared local Yosemite Valley trails of snow and ice
- Conducted sanding operation in mall and selected trails

Spring 2003:

- Chainsaw Maintenance / Repair
- Pionjar Maintenance / Repair
- Rigging Maintenance / Repair / Inventory
- Ordering / Re-supply for 2003
- Backcountry Solar/ Water System Repair / Maintenance
- Serious Reorganizing of Valley Trials Shop Areas

- Annual Trails Facility Inspection
- Four Mile Trail Reconstruction
- Half Dome Cables Put Up (June)
- Successfully flagged the Old Smith Meadow Trail #157.
- Seasonal Bike Path Sweeping
- Tenaya Zig Zags / Snow Creek Switchbacks Repair / Reconstruction
- Yosemite Falls Trail Repair / Reconstruction (Spring 2003)
- Repair of Columbia Point Railings (spring / summer)
- 40+ hours of Road Maintenance (Patching Potholes)
- CCC/NPS Repair of Rock Slide at the North End of Tunnel (Near Hetchy Dam)
- Cook's Meadow Boardwalk Repair
- Half Dome Cables Taken down (Oct.)
- Appraisal and Maintenance of Cables, Post, and Steps of Half Dome
- Lower Yosemite Falls Abutment / Pier Repair
- Stoneman Meadow Boardwalk Repair
- Wapama Falls Blast
- Ribbon Creek Trail Repair (construction of 4 cr. fords)
- Disposal (through Explosives) of 2 mules (1 on Horse trail and 1 on Binell Switchbacks)
- Design, Fabrication, and Installation of New Gate on 4 Mile Trail
- Monthly Magazine Inventories (Explosives)
- Lopez conducted blasting handlers' certification course for 8 animal packers (NPS).
- Logging Operations: 2 crews completed logging over 98% of Yosemite's maintained trail system and most of Yosemite's winter ski trails.
- Surveyed future work and planned for 2004 projects and initiated compliance for 2004 projects and camps.
- Assisted other branches and divisions: Roads (all units), Tuolumne Utilities, Resource Management (Equipment loaned), Wilderness management (sign installation, trail closures etc.), Valley and Tuolumne SAR operations, Traffic Management (equipment loaned), Historic preservation, LYV rangers, Valley clean-up, Camp Mather CCC debriefing, Public Information Office, Safety Office, OSHA, Yosemite Institute.
- Committee / Assigned Details participation: EEO program, Awards committee. Avalanche Team work and Avalanche training.
- Sign Crew accomplishments: Assessed 84 torch cut metal signs along the Tioga Rd. Corridor, Tuolumne Front-country area and trails leading out of Yosemite Valley. Fabricated 24-torch cut signs, installed 28-torch cut signs. Assessed entire Valley Trail sign system (46 junctions). Report of conditions completed, prioritized and work requests submitted to Sign Shop.

Trainings Completed:

- Avalanche Awareness (initial (16hr) and refresher (8hr))
- 40 hour Trails Safety Training Academy Conducted "In House" (June).
- Completed the following (30 trails employees):
- Sexual Harassment Training (2hr); Fire Extinguisher Use (1hr);
- Hazard Communication Training (4hr);
- JHA use and overview (2hr);
- Defensive Driving (4hr);
- Hantavirus (1hr); CPR (10hr);
- OSHA Construction Training (10hr).
- Non-Safety related training included:
- Wilderness Ethics (1½hr); Admin Details (1hr);
- Archeology Awareness in the BC (1hr).

- Fit Tested 30 employees for use of respirator
- Competent Person Fall Protection Training (40 hr) (All Perms and Terms)
- Serv-Safe Certification Training for all BC cooks (16hr)
- AHA CPR / AED Training For perms and terms (4hr) (15 workers).

FACILITY MANAGEMENT SOFTWARE SYSTEM (FMSS) ACHIEVEMENTS:

- Asset Deficiencies entered into Maximo, with cost estimates: 48
- Bridges assessed/total bridges: 24 / 92 (26% of total)
- Trails assessed/Total Trails: 70 / 264 (26% of total)
- Approximately 65% of Valley trails have been assessed.

COMPREHENSIVE TRAIL MAINTENANCE FY03:

- J. Ray Crew (621): 48½ miles in the Triple Peak Fork, Washburn Lake, Merced Lake, Bernice Lake, Red Peak Pass areas.
- Depagter Crew (629): 6.5 miles down the SF of the Cathedral Creek Tr.
- J. Fay Crew (624): NPS/CCC 52 miles in the Chain Lakes, Merced Pass, Fernandez Pass, Buck Camp area and Mariposa Big Trees Grove and Wawona Tunnel to Glacier Pt. Trail.
- Herbert CCC crew (623 Herbert): (spring only) 17½ miles Hetchy, City Camp area, Miguel Meadows, Beehive, Poopenaut Valley trails.
- S. Lynds Crew (625): 17 miles Glen Aulin to register Ck and Hardin Lake. / Smith Peak. to Hetchy Trail.
- R Ward Crew/ Tuolumne and Lyell Canyon (629): 28 miles maintenance along the John Muir Trail from the Tuolumne trailhead to Donahue Pass. Dog Lake Trail up to Young Lakes, Maintenance and brushing along Gaylor Lakes Trail, and trailhead on Tioga Road to Mono and Parker Passes.
- Kari Crew/ Yosemite. Valley (643): 50 miles. Maintained entire Valley loop and all trails leading out of Valley, plus from Ten Lakes trailhead down to bottom of Yosemite Falls Tr.
- Lopez Crew/ North End (622): 18 miles maintenance and brushing on trail segments from City Camp over Tiltill Mountain and around Paradise and the Wilmer Lake Trail.
- Anders Crew/ North End (623): 27 miles completed from top of Hetchy switches to Laurel Lake, Frog Creek, Beehive area past Vernon Lake. To the Golden staircase (these portions included brushing and logging). Also maintained at Wilmer Lake, around to Tilden Lake, up the Jack Main Canyon, to Bond Pass.

CREW PROJECT ACCOMPLISHMENTS FY03:

- Depagter Crew (629): Reconstructed approximately 60% of the 3 mile section of trail #103 (approximately 1.8 miles) leading from the camp on the South Fork of Cathedral Creek towards the pass which drops down towards the trail #104 junction. A spike crew also constructed a series of rock and log terraces approximately .5 miles from the trail #104 junction.
- J. Fay Crew (624): NPS/CCC Reconstructed wall above the Wawona Tunnel. Reconstruction of the Fernandez Pass Trail.
- S. Lynds Crew (625): Construction of wall in Yosemite Valley Corrals to stabilize feeding area for stock. Reconstruction projects on Muir Gorge switchbacks.
- R Ward Crew/ Tuolumne and Lyell Canyon (629): Completed the realignment and delineation of Olmstead Trailhead scenic loops, with help from YCC. Critical re-keys (trail reconstruction) up Lyell Canyon on Donohue Pass Trail.
- D. Kari Crew/ Yosemite Valley (643): All Lower Yosemite Falls projects, including construction of new trails, railing and finishing the East Trail. Completed Upper Yosemite Falls re-keys. Cleared John Muir Trail Slide, and reconstructed parts of trail. Realignment

and reconstruction of Trail Heads at Tamarack and Yosemite Creek. Reconstruction of trail at Soda Springs in Tuolumne area.

- J. Lopez Crew/ North End (622): Re-construction of 2 switchbacks on 4-mile trail due to rockslide and Hetchy, including a multi-tier wall with full fall protection implemented. Reconstruction of critical re-keys, steps and drainages on trail towards Paradise and Kerrick Canyon. Re-coned, designed and conducted Wapama Blast. Re-coned for Burro Pass/Mule Pass trail camp with Archeologist (1 week).
- E. Anders Crew/ North End (623): reconstructed 75% of segment # 125 from the Jack Main Canyon trail to Tilden Lake. Reconstructed segment #121 from Bear Valley Lake to the top of Bear Pass

EL PORTAL ROADS

- Performed Trash collection Park wide without missing one scheduled route.
- Collected and transported 1400 tons of trash to landfill 2003.
- Performed Bin maintenance, placement and sanitation of Bins Park wide.
- Established contract for replacement of 4 and 6 yard Bins PMIS Funding.
- Revised specifications and blue prints for the 4 and 6 yard Bins for contract.
- Performed required work for unpaved roads PMIS funding of El Portal District.
- Established contract for unpaved roads in El Portal District PMIS Funding for materials.
- Performed Road grading and ditching on Fire access roads and residential roads in the Township of Foresta and Old Coulterville Road.
- Performed ditch and drainage control on Highway 140 from Parkline to Dam.
- Performed Snow and Ice control on Highway 140, West Valley and 120 to Foresta Junction.
- Maintained contracts for the R&T Branch (winter sand, aggregate base rock, hot and cold asphalts)
- Supported and assisted the YCC Program in funding and transport of Utility trailers.
- Removed rock fall and repaired damage on 5 separate rockslides in 2003.
- Patched potholes and performed overlay of asphalt on two location in El Portal District (Barium Mine and Foresta road)
- Completed all requirements for Safety Office and OSHA on 2003 inspection.
- Supported the Kibbie Fire Complex in Aspen Valley for trash removal on a daily schedule.

VALLEY ROADS

- Supported Wawona District Roads with manpower and equipment so they could get there snow staking installation and removal; this work would not have been done if not supported by the Valley Roads Crews.
- Supported Mather District Roads with manpower and equipment so they could complete their summer projects, such as ditching, shoulder work, brushing and road surface repairs. And snow stake removal and installation on Tioga Rd and Big Oak Flat Rd. This work would not have been done if for the support of the Valley Roads Crew.
- Supported El Portal District Roads with manpower and equipment doing shoulder work and cleaning of there paved aprons an with rock removal. Again these projects could not have been completed if for the support of the Valley Roads Crew.
- Supported Trails shop with manpower and equipment so they could complete their jobs on time, such as the Yosemite Falls project.
- Supported Corrals shop with drivers and equipment to keep their operation going on when needed.
- Supported Valley Rangers with manpower for traffic controls in emergencies and helps them on projects that could have not been done without the support of the Valley Roads Crew.
- Support Fire with manpower and equipment for these seasons wild land fires, also supported them by pushing up their burn piles in the valley and in Foresta on many occasions.

- Supported Resources with equipment so that they could do their projects this summer, Also hauling of their excavator to various locations throughout the park
- Spring opening of the Tioga Rd in a timely and safe fashion.
- Supported the Sign shop with manpower and equipment during road closures and the re-opening of the roads.
- In the Valley District we have worked on pulling our ditches, shoulder work and road surface repairs, work at camp 6 parking lots, rock removal and tree removal, setting of boundary rocks, Shoulder and ditch maintenance on Hwy 140 from Pohona to the dam. Grading and maintaining the wood lot access road, assisting contractors in the loading and removal of many yards of old cement and asphalt debris. Excavating and grading of Pohona pit for landing site for contractor to stage at. And the cleaning and maintenance of culverts throughout the Valley District.

WAWONA ROADS

- We worked and assisted Mather and Valley Crews on spring opening.
- By doing spring opening on Tioga this allowed the Glacier Point road to melt and we spent 3 days to finish the opening.
- After spring opening we spent all summer and fall doing ditch and shoulder work on Tioga and Big Oak Flat road. We got off that road in October.
- Snow staking took place in November it took three weeks to accomplish the work on 41 and the Badger Road.
- Did cut out in the big trees road and replaced with new Road base pavement material
- Culvert replacement on 41 at cross turns went well under contract work.
- Contract work hauling out old piles of pavements and concrete (supplied operator to load end dumps.
- Wawona Road crew had no down time due to injury or lost time. Injury free so far

MATHER ROADS

- Install and remove snow stakes on roads in the Mather district, in including Hetch Hetchy road.
- Clear rocks, trees mud from roads in the Mather district.
- Snow removal and sanding of roads in Mather districts.
- Spring opening of the Tioga pass road starting April 15th.
- Assist avalanche team blast avalanche hazard during spring opening of the Tioga road.
- Assist other divisions in the park.
- Assist Wawona roads snow stake on 41.
- Assist valley roads pull ditches in the valley.
- Service and maintain equipment.
- Repair tire chains for snow removal equipment.
- Pull ditches on the Tioga pass road and 120 roads.
- Patch potholes and repair road shoulders on Tioga and 120 road.
- Attend training in the park.
- Hold safety meeting with the Mather Road crew and crews helping in the Mather district.
- Attend the all supervisor meetings the first Tuesday of the month.
- Advertise 1 F.T.E.
- Haul equipment out of the park for repairs.
- Research and perches safety equipment.
- Clear culverts and drainage's in the Mather district.
- Write safety work plans for projects in the Mather District.
- Research M.S.D.S. for new products used at Mather Roads.
- Write JHAs for projects in the Mather District

YOUTH CONSERVATION CORPS (YCC)

- Bear Box Installation - Installed 109 new bear-proof food storage lockers in Lower Pines Campground
- Bear Box Maintenance. - Checked, cleaned, repainted, re-leveled and re-stenciled approx. 500 bear-proof food storage lockers in Yosemite Valley and Tioga
- Corridor campgrounds.
- Devils Postpile N.M. - Meadow Restoration, reinstalled approx. 2,000 Ln. ft. of split-rail fence, dug 200ft of trench for water and electric lines for new ADA accessible rest-room; help with rest-room installation, painted Maintenance building, rehabilitated old trails leading to meadow as part of meadow restoration, removed large and small trees and trail Maintenance on trails leading to soda springs and rainbow falls.
- Trail Maintenance - Assisted trails crew with brushing and trail Maintenance on 50+ miles of back- country trails on the Young Lakes, Lyell Canyon, Glen Aulin, Olmstead Point, Dog Lake and Mono Pass trails, in the Tuolumne River Drainage.
- Lower Yosemite Falls Trail - Assisted trail crew in cleaning and preparing approx. 1,000 Ln. ft. of granite coping stone for use on the Lower Yosemite Falls Trail restoration project.
- Pioneer Cemetery Project - Clean up and remove approx. 75 cu yds of leaves and debris, replace approx. 1,300 Ln. ft. of split-rail fence.
- Horse Trail Rock Slide - Assist trail crew with debris and rock removal after rockslide on the Nevada Falls Horse Trail, approx. 1 mile of cleanup.
- White Wolf Amphitheater Restoration - Remove old worn out seating, install new steel bracing, install approx. 2,500 Ln. ft. of new man made trex bench material.
- Foresta Brushing - Remove small trees and brush 10ft. from center of the roadway, both sides of roadway on approx. 5 miles of the Davis Cutoff and Coulterville roads.
- Camp 6 Parking Lot - Installed cedar and steel posts, strung approx. 1,500 Ln. ft. of steel cable for post and rope fence in the new section of the Camp 6 parking area.
- Diversity Report: 13 WM, 8 WF, 4 BM, 1 BF, 1 HM, 3 HF, 2 AA/PI F, 1 AI/AN F Total

Design & Engineering Branch

STAFF

1 Branch Chief, Design and Engineering, Larry Harris, GS-13

7 Permanent employees

0 Subject-to-furlough employee

0 Seasonal employees

0 Detailed employees

0 Interns

2 Volunteer

HIGHLIGHTS

- (7) Design completed
- (16) Compliance document initiated
- (15) Compliance document completed
- (13) PMIS projects initiated
- (3) PMIS projects completed
- (14) IAP's submitted to contracting

- Progressed inventory of accessibility deficiencies parkwide
- Progress implementation of Director's Order for signage parkwide
- Provided plan review of 15+ projects managed by Project Management Office
- Provided surveying services to Facility Management Division and Project Management Office

Buildings and Grounds Branch

STAFF

1 Facility Manager, Building and Grounds, Dean Glenn
 56 Permanent employees
 22 Subject-to-furlough employees
 0 detailed employees
 1 Term employees
 35 Seasonal employees
 0 Volunteers / Groups
 1 Transfer 1

HIGHLIGHTS

Heritage Structures Historic Preservation Team

- Pohono Bridge Yosemite Valley
- The Pohono Bridge spans the Merced River in the lower end of the Yosemite Valley. Constructed in 1928, Pohono Bridge established the pattern for "rustic-style" bridges found throughout the park. The granite masonry of this bridge laid in a random ashlar-bonding pattern had sustained substantial damage from vehicles. The focus of this years work was to repair damage, repoint the mortar joints, and clean the stone work.

Preservation activities for this project focused on five tasks.

- The entire surface area was cleaned utilizing a stone masonry cleaner and pressure washer.
- Graffiti was removed from a 48 sq.ft. area, again utilizing a masonry cleaner.
- Selectively remove deteriorated, failed mortar joints and displaced stones, then re-setting stones and repointing with appropriate mortar.
- Remove and restore a 48 cu. ft. section of wing wall has become displaced and was in danger of toppling over.
- The total approximate surface area of the structure that was treated was 3564 square feet.

WAWONA COVERED BRIDGE

The Wawona Covered Bridge is one of two covered Bridges located in a National Park and one of 13 remaining in the state of California. The original bridge was built by Galen Clark as a truss bridge in 1868 and was later converted to a covered bridge in 1878 by the owners of the Wawona Hotel. Work began on the bridge in 2001 to stabilize the structure after being closed by the FHWA due timber failure.

- Completion of this project in 2004 will protect visitor safety and allow the structure to be used for pedestrian traffic and interpretive programs.
- The second phase of restoration of the covered bridge was completed this year.

- A year of planning included support documents such as structural rehabilitation report, timber evaluation, stream flow studies, construction documents, and historical documentation. Prior to the implementation of work the bridge was closed for safety reasons to all traffic due severe deterioration of the timber frame structure.
- The first phase of structural work completed in the fall of 2002 allowing the structure to reopen for use.
- Preservation of the structure will involve replacement of deteriorated structural timbers, installation of a fire suppression system and a new roof.
- Preservation involved replacement of deteriorated timbers by National Park Service Preservation Specialists utilizing 19th century crafts to replicate the handiwork of yesterday's craftsmanship.
- The lost of art of hewing round logs into square timbers with specialty axes will be used to craft the new timbers.
- Mortise and tenon joints typically used in the 19th century timber framing to join the timbers will be utilized to restore the structure.

MOORE COTTAGE (WAWONA HOTEL)

The Wawona Hotel Complex, one of the park's National Historic Landmarks is the largest existing Victorian hotel property within a national park.

- The intent of this project was to preserve existing historic fabric, correct life safety issues at the veranda and complete a joint demonstration project with the hotel concessionaire.
- Preservation work was completed to correct years of deferred maintenance and dilapidated conditions on the porch verandas, foundation and exterior architectural elements of this cottage.
- Preservation treatment included repair and replacement of all of the structural and architectural elements of the veranda, and exterior envelope of the building.
- Numerous years of deferred maintenance was corrected and the structure seismically retrofitted as a result of this years work.

EL PORTAL AND VALLEY DISTRICT

- Rehab Motor Inn Cabins (# 16, 17, 18, 19), new plumbing, paint, cabinets, fridge and stove units removal of asbestos tile
- Rehab residence 733, installed new linoleum, tile, carpet, toilet, vanity, tub, fridge, stove dishwasher woodstove
- Interior painting of residences 728, 857, 859, 860
- Exterior painting of Valley Courthouse, residences 43, 44, 66, 74, 81, 82, 83, 714, 719, and 720
- Exterior staining of Glacier Point restrooms
- Rehab residence 70 (Daycare) new kitchen and dining room wood floors, fridge, stove, new back deck
- Rehab residence 78, interior paint, new carpet, linoleum, counter top, fridge, stove,
- Rehab shingle roof Residences 2, 7, and 8
- Install new HVAC system and gas line residence 7
- Rehab back porch and deck residence 44 (fire damage)
- Rehab Upper/Lower Pines Restrooms, new paint, partitions, external privacy partitions, exterior doors

WAWONA DISTRICT

- Res. 4042- replaced woodstove

- Res. 4014- replace floor coverings (1998 sq ft) & painted interior
- Res. 4155- replace floor coverings (2268 sq ft)
- Res. 4001- abate asbestos floor tile, replace floor coverings (855 sq ft)
- Res. 4157- paint interior and install floor coverings (1692 sq ft)
- Res. 4097- paint interior and install floor coverings (1152 sq ft)
- Res. 4155- paint interior and install floor coverings (2268 sq ft), repair front entry
- Res. 4182- replace front deck (100 sq ft), replace dry rotted house underpinnings, construct water diversion system
- Res. 4150 & 4043- install metal roof system
- Res. 5200, 5201, 5204, 5210- paint exteriors
- Replaced six appliances in housing units
- Res. 4010- replaced rear door
- Res. 4600A- interior ceiling repairs
- Mariposa Grove Museum- replace exterior deck steps
- Glacier Point Comfort Station- paint exterior
- Completed over 400 additional work requests
- Performed 26 FMSS annual condition assessments and all associated cost estimates
- Recorded all accomplished work in FMSS

MATHER DISTRICT

- Res. 2011, 2012, 2013, &2014- Bear and mouse proofed, installed larger windows for proper fire egress and painted exteriors.
- Energize and winterize water to 4 campgrounds, 5 labor camps (which includes 8 shower and toilet facilities, 69 units used for housing, and 6 mess halls.).
- Res. # 3056- rebuilt structure (350 sq. ft.) completely (severe tree damage).

PARKWIDE CUSTODIAL OPERATION

- Completed mechanical rodent proofing, heat treatment for hantavirus contamination and cleaning of 39 seasonal housing units in the Mather District.
- Performed custodial and minor maintenance on 89 public restrooms, 10 visitor contact facilities, 20 administrative facilities, and 15 housing support facilities.
- Performed grounds maintenance on 14 campgrounds, 13 picnic areas, 51 acres of lawns, 7 amphitheaters, and 15 landscaped areas.

Utilities Branch

STAFF

1 Facility Manager, Utilities Branch, Paul Laymon, GS-13
 48 Permanent employees
 14 Subject-to-furlough employees
 5 Term employees
 17 seasonal employees

HIGHLIGHTS

BACKCOUNTRY UTILITIES

- Operated and maintained six public water systems located in remote areas of the Park. These surface water systems produced over 781,000 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 gray water systems at the five High Sierra Camps. Removed 6,000 gallons of septic sludge with the Park contract helicopter.
- Operate and maintain nine public toilet facilities in remote locations of the Park. Removed eight tons of composted human waste from these locations with pack mules.
- Replaced 80 batteries at various backcountry solar powered utility facilities.
- Modified flocculation process at Vernal Fall Water System.
- Modified filtration and disinfection processes at Glen Aulin High Sierra Camp Water System.
- Install additional slow sand filter and install 18,000 lbs. of filter media in existing filter at May Lake High Sierra Camp.
- Replace 9,000 lbs. of filter media at Merced Lake High Sierra Camp.
- Construct new spring box and upgrade intake at Vogelsang High Sierra Camp Water System.
- Upgrade photovoltaic system at Nevada Fall composting toilet.
- Provide stock support for Merced Lake Ranger Station.
- BCU Supervisor performed as a member of the Yosemite National Park Bear Council.
- BCU Work Leader performed as a member of the Wilderness District Safety Committee.
- Assisted Trails Department with technical support for solar water pumping systems.
- Provided Delaware North Corporation with technical support for composting toilets at Vogelsang and Sunrise High Sierra Camps.

ELECTRONICS OPERATION

- Trained and factory certified on parks Pyrotronics fire alarm systems
- Update and reprogrammed parks Pyrotronics fire alarm systems
- Changed out and re-programmed over 100 devices in the El Portal Complex.
- Upgraded Electronics Shops computer systems for new fire and security alarm and fuel monitoring equipment systems.
- Over 25 initial responses to problems with the parks 15 fuel delivery systems.
- Worked directly with parks fuel systems contractor to do state required UST modifications for (5) of the parks systems.
- Upgrade (8) government residence fire alarm systems.
- Supported Backcountry Utilities by designing and installing water system controls at Vernal Falls and May Lake.
- Make repairs to Backcountry Utilities electronic controls
- Support El Portal Utilities by helping their Instrument Mechanic on electronic control systems

HIGH VOLTAGE OPERATION

- Brush, Repair, Remove trees on 20 Miles of High Voltage Distribution and Transmission lines (several hundred trees yearly).
- Service and Repair (7) Emergency Standby generators to 600KW
- Project Management of Yosemite Fuel Cell Projects. (Summers)
- Removed (9) obsolete Electric services in El Portal Trailer Ct.
- Installed temporary service for Contractor Yosemite Falls Project
- Replaced Blown Lightning Arrester Powerhouse
- Replaced hundreds of bulbs and ballasts in the Wawona and Big Oak Flat Tunnels.
- Over 100 locates of Primary and Secondary power lines.
- Repaired cross arm, pole and conductor storm damage Big Oak Flat/Cascades 12 KV line.
- Valley Plan Project Management Support Yosemite Creek Project, Dam Removal Project.
- Valley Plan Project Management Support Utility Master Plan, Curry Village Project.

- Valley Plan Project Management Support North Pines Primary Electric.
- Replaced damaged 12 KV Modules Lower Tecoya.
- Replaced Power Poles (2) Turtleback power Line.
- Maintain (3) megawatt Primary and Secondary power distribution system Yosemite.
- Preventative Maintenance on several hundred Transformers and HV switches Yosemite.
- Maintain and repair two sole source generators at Crane Flat and White Wolf.
- Maintain and repair (6) emergency portable generators up to 75 KW.
- Maintain and repair 50 KW Photovoltaic system, inverter, commercial tie-in El Portal Maintenance Building
- Monthly read several hundred residential and commercial KWH meters.
- Maintain, repair (100+) streetlights in El Portal and Yosemite Valley.
- Maintain and repair Carbon Monoxide ventilation system Wawona Tunnel.
- Design, Engineer, for all in-house HV shop work.
- New Service Ansel Adams residence.
- Blown 5KV cable repair North Pines GW Box.
- Remove repair Valley Station Generator radiator.
- Condition assessment for Utilities Branch.
- Maximo support for Utilities Branch.
- Wawona generator replacement (Procure and install)
- Indian Creek Solenoid Valve Project.
- Utility Vault replacement from Snow Plow damage.
- DAS weather station project El Portal.
- New Transformer and Vault for new comfort station Lower Yosemite Falls Project.
- Replaced DC Backup Battery Bank at Powerhouse.
- New service Compliance trailer El Portal.
- Update Primary and Secondary drawings due to new construction.
- Installed load following load bank and electronic governor to Crane Flat generator.
- Fuel Spill containment system El Portal Generator.
- Re-fed old 2.4 KV primary at North Pines Lift Station with new reliable 12 KV system.
- Installation of dial-out/call out power outage notification system on emergency generators.
- Repaired damaged secondary service Mather Camp.
- Weekly Safety Meetings.
- Hot Glove, Hotstick testing and replacement.

EL PORTAL UTILITIES

- Completed the hydrostatic testing of the drying beds with Kennedy/ Jenks.
- Completed the installation of the new vacuum regulator system for chlorine.
- Completed the installation of the new burner for the digester boiler.
- Completed the new installation for the secondary flow control.
- Completed the new hook up for Emergency electrical back up for the T.M. Plant.
- The El Portal WWTP production for the year 2003 was 136,948,000 gallons and the biosolids production for land disposal was 156 dry tons.
- The El Portal water production for the year 2003 was 40,786,200 gallons.

VALLEY UTILITIES

- Pumped, treated and distributed 177,822,000 gallons of water in Yosemite Valley
- Pumped, treated and distributed 13,850,000 gallons of water in Mather district
- Replaced 8 inch compound water meter (Boys town)
- Replaced 10 inch compound water meter (Ahwahnee)
- Installed 2 new pumps at Yosemite Creek sewage lift station
- Installed 1 new immersable pump motor at Yosemite Creek sewage lift station

- Used 720 gallons of 12.5% chlorine to treat drinking water
- Pumped 71,300 gallons of raw sewage from vault toilets (Valley and Mather districts)
- Pumped 168,120,000 gallons of sewage from Yosemite Creek Lift Station to El Portal Wastewater Treatment Plant

WAWONA UTILITIES

- Operated and maintained 3 permitted Wastewater Treatment Plants and System in compliance with State & Federal Regulations.
- Operated and maintained all sewage collection systems in compliance.
- Operated and maintained six permitted Water Treatment Plants and System in compliance with State & Federal Regulations.
- Operated and maintained all water distribution systems in compliance.
- Total water treated 28.9 mg (million gallons)
- Total wastewater treated 21.6 mg (million gallons)

DIVISION

Resource and Visitor Protection

DIVISION STAFF

- 1 Division Chief, Stephen J. Shackelton, GS-14
- 1 Management Assistant, GS-11
- 2 Deputy Chiefs – Operations and Law Enforcement, GS-12
- 1 Emergency Command Center Branch Chief, GS-10
- 1 Fire Management Officer, GS-13
- 1 Division Administrative Assistant, GS-07

Branch

Operations

BRANCH HIGHLIGHTS

- The highest priority in the Division of Resource and Visitor Protection for 2003 was developing a program for security for the Hetch Hetchy/Eleanor Reservoirs. This endeavor involved an aggressive campaign that included these elements:
 - On-site orientation for key policy, budget, and operations entities;²
 - Developing operational partnership with San Francisco PUC and Police Department, the FBI, Tuolumne County Sheriffs Department, and California Office of Emergency Services;
 - Writing budget initiatives to underwrite permanent security solutions that include staffing, training, and communications;
 - Supporting City of San Francisco initiatives for supplemental security staffing, dam hardening, alarming, and logistical support;
 - Implementing Threat Level Orange interim staff enhancements as the national threat level dictated.
- Protection contracted with Lawrence Livermore National Laboratory for a terrorism vulnerability assessment. Yosemite stressed the need for national assistance through the Operation Formulization System (OFS) – in support of law enforcement, counter-terrorism, structure fire, hazmat, WMD, and rescue. Internally, the division secured fee funding in support of counter-terrorism risk assessment and equipment, fire PPE, radio enhancement, emergency vehicles, and voice-data infrastructure upgrades.
- Yosemite will meet its narrowband conversion before the December 2004 deadline.
- The division worked with region to develop a second helicopter initiative – beginning the lengthy process of acquiring an all-risk helicopter module to complement Yosemite's fire-based helicopter – which would serve a southern zone in PWR. The highest priority use would be life-safety missions, including Hetch Hetchy initial attack, search and rescue, and law enforcement.
- The division managed 213 search and rescues, including 14 complex technicals, 10 fatal incidents, and over 450 high level reportable medicals.

² Briefed: Steve Griles (DOI Deputy Secretary), Karen Taylor-Goodrich, Don Murphy, Randy Jones, Rep. George Radanovich, Jim Molinari and Shelly Abajian (Sen. Feinstein), Debbie Weatherly (House Interior Appropriations), Steve Calvery and Walt Lamar (DOI Law Enforcement and Security), Scott Culver (DOI IG), Chief Alex Fagan and Cmdr. Jim Dudley (SFPD), Mark Marchon (SAC, SFFBI), John Pikus (SAC Sacramento FBI), Tom Knowles (SAC Fresno FBI), Sheriff Dick Rogers (Tuolumne), Melissa Kuckrow (WASO Legislative Specialist), Matt Scharper (California OES), and John Radu (California Anti-terrorism Information Center).

- The division managed parking and bus operations as a formally designated division responsibility for the first time in 2003.
- A special emphasis in 2003 (and 2002) was growing the relationship with UC Merced. The division sponsored meetings with founding faculty toward eventual cooperative programs – internships and research in: fire, visitor use, air quality, hydrology, ecosystem science, engineering, human waste management technology, solar technology, remote sensing, radio technology, physical science, and software development. We have also agreed on an interest in curriculum development in public policy and park management.
- The division maintained vigorous volunteer programs for horse patrol, desk officer program, Nordic ski patrol, and others.
- The division took the lead in developing the Yosemite Park Business Plan – using the volunteer coordinating leadership of Jim Andelman – a Dartmouth MBA and venture capitalist from San Francisco.

Branch

Fire Management

BRANCH HIGHLIGHTS

- The division pursued finalization of the park Fire Management Plan Environmental Impact Statement (expected completion of Federal Register Notice of Availability in March 2004).
- Yosemite recorded 3,100 acres of suppressed fires; 1,495 acres prescribed fire; 11,714 acres under fire use; and 1,058 acres of mechanical thinning. Yosemite's DOI fuel reduction goal is 7,400 acres. Our ecosystem restoration goal is 16,000 acres per year. In 2003, we achieved managed fuel reduction on 14,267 acres and suppression toward targeted ecological effects on 3,100 acres. The total was 17,367 acres of beneficially treated landscape.
- The protection division placed special emphasis on structural fire program development and launched a structural fire readiness assessment. The assessment is being conducted by Ron Coleman – former California Fire Marshal and President of the International Association of Fire Chiefs – as a pro bono volunteer project.

Branch

Law Enforcement

BRANCH HIGHLIGHTS

- Yosemite logged 306 Part I crimes, including 7 forcible rapes or attempts, 1 robbery, 24 aggravated assaults, 40 burglaries or attempts, 226 larcenies, 2 auto thefts, and 6 arsons.
- The park reports an additional 6,164 Part II crimes, including 5,690 traffic incidents, 331 natural resource violations, 5 wildlife poachings, and 1,403 service incidents.