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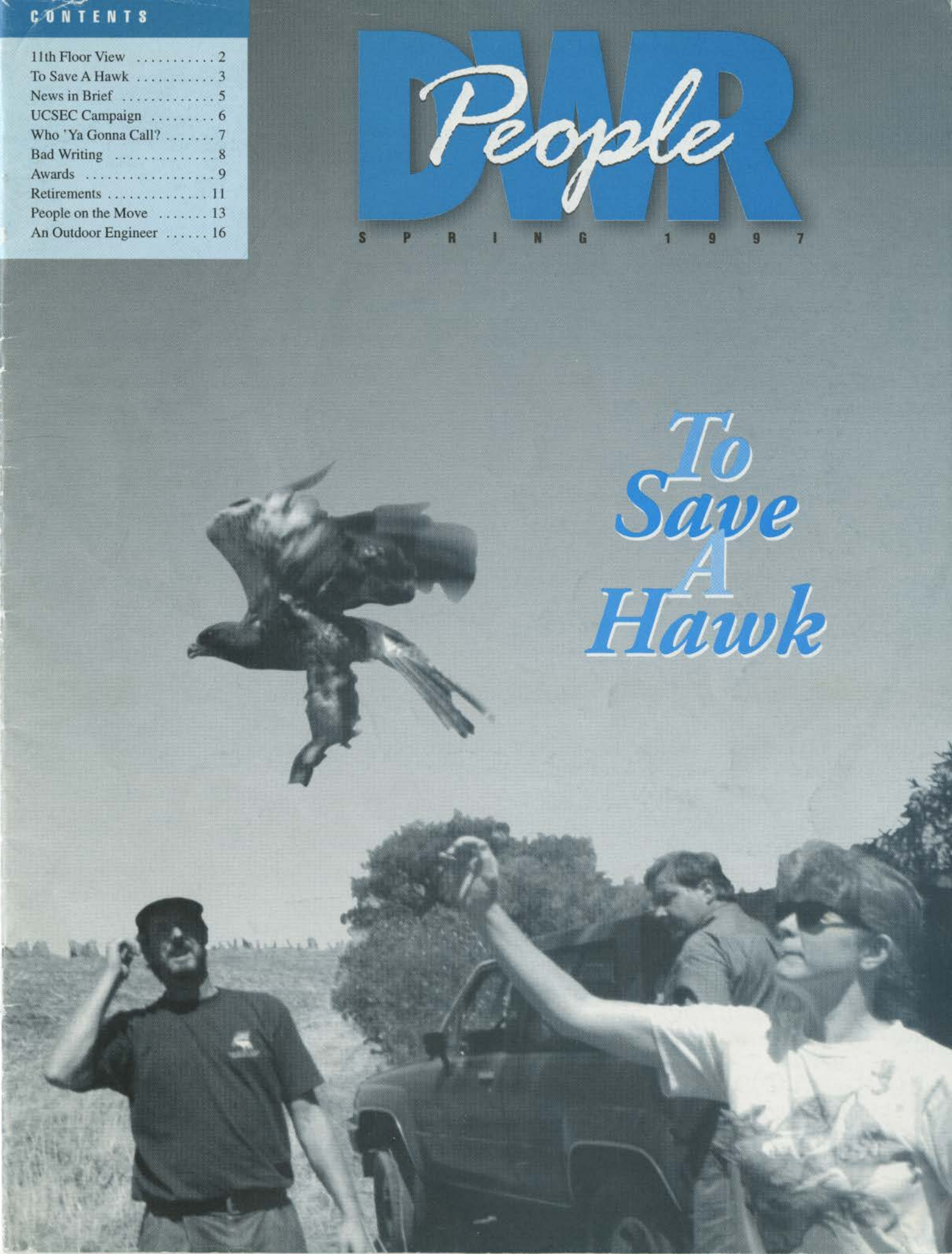
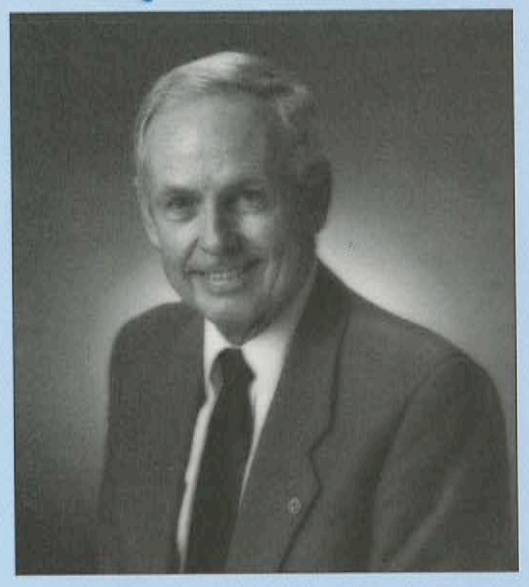
DNR People

SPRING 1997



To Save A Hawk

11th Floor View



On June 14, 1957, I started working with the Department of Water Resources. At the time, DWR was just one year old, having been formed by the Legislature in 1956. The excitement around the office when I started was focused on the California Water Plan which had just been completed and submitted to the Legislature for adoption. DWR employees were busily developing a plan for the Feather River Project (eventually to be named the State Water Project), which would become the cornerstone of the new California Water Plan.

There were about 600 people working for DWR in 1957. Passage of the Burns-Porter Act in 1960 authorized SWP construction, which resulted in rapid expansion of DWR to a peak of about 4,500 people in 1967. By 1973, construction of most of the initial features was complete and the workforce had shrunk to about 2,500 people. (What a roller-coaster ride!) When the Department was formed in 1957, the Southern District Office was created, and a large percentage of project design and construction was accomplished out of that office, which by 1967 included about 1,500 people. The other district offices were not established until 1961-65 and were more limited in the scope of their activities than the Southern District. The Division of Local Assistance was formed in 1988.

What's the point of reciting all of this history which many of you are already familiar with? Well it seems to me that we are undergoing yet another fairly fundamental restructuring and that during times of change it is helpful to look back and recognize that we have been through major changes in the past and that change is essential if we are to position ourselves to be effective in the future. After all, the future is what DWR has always been about. As a Department we have always believed in the future...we plan for it...we prepare for it...we accommodate it.

You can see things going on all around you today that are a direct response to anticipated change. Some planned responses. Some reactive responses. 1994 saw the signing of two historic documents that are having and will continue to have major influences on DWR programs. There are many changes underway and being considered which have their roots in these two documents—the 1994 Delta Accord and the 1994 Monterey Agreement. And these are not the only significant changes we have seen over the last few years: ESA implementation, passage of the CVPIA, formation of Club FED, formation of CALFED, passage of Proposition 204, inclusion of major funding in the federal budget to match 204. All of these initiatives are being felt every day. Last year we restructured D&C, creating the new Division of Engineering. The Environmental Services Office, which sometimes seems to have always been with us, was just created in 1992. In March of this year, we received the work of an organizational consulting firm which has critically reviewed the current structure of our Divisions of Planning and Local Assistance. The consultants report will lead to significant restructuring of these two divisions. By the time this column is in print some of this restructuring will have already been accomplished.

Collectively these changes are providing opportunities for innovation, for inventiveness. We are clearly being challenged to test the flexibility of our water supply system and our imaginations. New technologies, new analytical approaches, new forums for communicating and problem solving, new alliances are all being tried. These are exciting times at DWR as we reposition ourselves to deal with the rapidly changing world of water.

Bob Potter

Robert G. Potter
Chief Deputy Director
May 1997

To Save A Hawk

"Eyeballs," a great horned owl, sits quietly in a field. Her huge yellow eyes watch the sky as the enemy approaches. There is no escape. Her leg is tethered to a log stump. She is bait.

Shortly, an angry hawk swoops down at the owl, but he is intercepted by a fine mesh net strung across two poles. The net envelops him and fells him to the ground. The trap has been sprung.

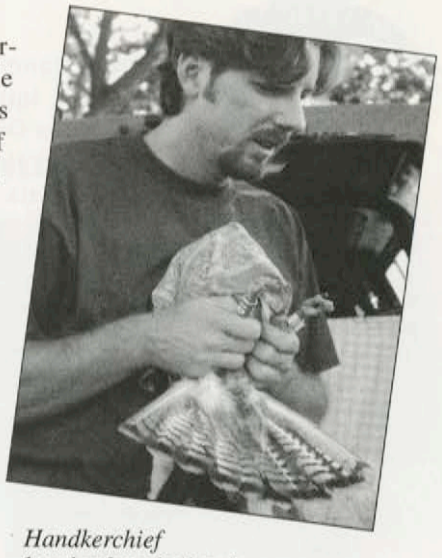
From their vantage point several hundred feet away, the trappers jump into waiting vehicles hidden from the hawk's view. Reaching the site, they gently free the struggling bird, throw a handkerchief over his eyes, and take him to a nearby truck.

But these trappers are not there to harm the hawk. Their intent is quite the opposite.

"We want to protect the Swainson's hawks that nest near the Grant Line Canal barrier (a temporary rock barrier in the South Delta used to keep water levels high for local irrigators)," says **Mike Bradbury**, project coordinator and Environmental Specialist with the Environmental Services Office.

"Since the birds normally return to the same nesting area, these trappings will help us determine if the barrier's construction activities affect whether they come back to nest or not."

Mike has spent almost 150 hours trapping Swainson's hawks during the year's nesting season. It is a project that requires much patience and persistence, but it is a labor of love for this avian enthusiast.



Handkerchief hood calms the hawk

"I've always had an interest in birds and raptors," he says. That interest intensified while attending college at Fresno State. Classes introduced him to raptor surveying, but it was his first job with Fish and Game that acquainted Mike with the Swainson's hawk.

"While I was doing some bird work for the Los Banos Grandes Reservoir project, I had an opportunity to really observe a Swainson."

A job with the Energy Commission in Bakersfield brought him into contact with raptor expert **Richard Anderson**, one of a handful of people with a permit to trap the Swainson's hawk, which is listed as a threatened species by the California Fish and Game Commission. A friendship developed between the two men and continued as both eventually moved to Sacramento, with Mike joining the Department in 1992. "We still trap together every summer," says Mike.

Dick is participating in this day's trapping, rounding out a team that includes DWR Environmental Specialists **Kent Nelson** and **Jennifer Skillen**, and wildlife biologist **Patty Finfrock**. With the bird in hand, they now turn their attention to the task ahead.

Two bands are secured around the bird's legs—a blue band with a number that identifies the individual hawk and a silver band with a

Left: *Angry hawk has weapons at head and feet*

Cover photo: *(L-R) Mike Bradbury, of DWR, Richard Anderson of California Energy Commission, and Patty Finfrock of DWR release hawk after examination*

To Save A Hawk

serial number recorded into the American Ornithological Union's master data bank. The Union maintains records on who banded the bird, where it was banded, and the hawk's movements.

Next they measure the hawk's wings, beak, and talons. The sex is noted. (Females are larger and have a brood patch, a bald spot on their stomach where they lay on the eggs.) The hawk is identified by color, noting patterns on its chin, breast, wing lining, and head. And finally, a small blood sample is extracted. The blood data will help researchers learn how Central Valley Swainson's hawks differ from their relatives in other parts of the U.S. and Canada. The hawk is then released.

Such data will go a long way toward protecting the species. "Nationwide, the population numbers about 450,000, but there are only about 800 nesting pairs in the Central Valley and maybe 2,000 adults altogether," says Mike, now DWR's Swainson's hawk specialist.

More information is needed, however, to complete the project's mitigation goal of protecting the hawks in their wintering grounds.

"We are not certain where these Central Valley hawks migrate to in South America, and we're concerned because thousands of these birds are being killed by pesticides in Argentina," he says. "We could literally lose half their population in one year because they feed together."

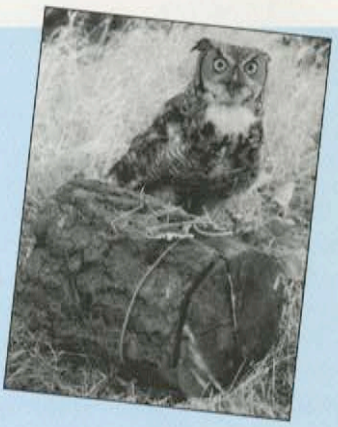
That is where satellite telemetry will play a role next year in tracking their migratory movements.

"The transmitters, which are attached to the birds like a backpack, send out signals every three to seven days. Through these signals and a master computer, we can find out at any given time where the birds are located."

If the satellite tracking is successful, an educational program will be started to protect the hawks where they winter. Even with such a program in place, Mike and Eyeballs the owl will always have jobs capturing and tagging hawks.

By Joyce Tokita

Measuring the hawk's wing span



A Working Owl

"Eyeballs" was not hurt during the trappings. She is a working owl used to capture Swainson's and other hawk species. The great horned owl was retrieved from a rehabilitation center where she was kept because her wing was so severely broken that she is unable to fly long distances.

Though Eyeballs appears vulnerable when tethered during the trapping, she has enough mobility to defend herself with her formidable talons and beak.

Only at work three weeks out of the year, Eyeballs has comfortable accommodations with Mike Bradbury who feeds and cares for her.

news ...in Brief

Donations for Flood Victims

DWR employees and others who work in the Resources Building and the Joint Operations Center displayed their generosity during the January floods. They contributed two van loads of clothing, shoes, and blankets for flood victims. DWR employees **Vonnie Dodson** and **Mary Roa** collected the donations in barrels placed in the building lobby. The donations were later given to the Red Cross for distribution to needy families.

Mary Roa loads van for flood victims

Promoting SWP Recreation

DWR participated in two recreation events this year and received a good reception at both. The Office of Water Education displayed a recreation exhibit at Sacramento's International Sportsmen's Exposition and Fred Hall's Fishing Tackle and Boat Show in Long Beach. Both shows drew large crowds of fishermen, hunters, campers, and other outdoor recreationists.

DWR's "Come Visit Us" display promoted the State Water Project lakes and recreation facilities. Staff at the Sacramento show distributed more than 500 Oroville Recreation Area maps and discount coupons. The Long Beach show emphasized Pyramid and Silverwood lakes with coupons and other give-a-ways.

DWR's Ann Marie Alexander helps exhibit visitor

Safety First at Pine Flat

Those DWR employees familiar with Pine Flat Powerplant will be interested to know that it has operated for 14 years without a lost-time accident.

"We preach safety and teach safety. It's the most important part of our work," says Hydro Division Chief **Grant Adams**. Grant is a former San Luis Operations Superintendent who moved to Pine Flat during construction in 1981. Grant says no one at the plant has ever missed a day of work due to injury. In fact, he won't admit to as much as a serious cut.

Pine Flat is owned by the Kings River Conservation District, but DWR pays for operation and maintenance. In return, DWR receives electricity from the plant at a discount.

Water Events Calendar

MAY

2	California Water Commission meeting. Call (916) 653-5958.
6	Association of California Water Agencies PreCon Seminar (Groundwater). South Lake Tahoe.
7-9	Association of California Water Agencies 1997 Spring Conference, South Lake Tahoe.
16	Reclamation Board regular monthly meeting. 10AM. Resources Auditorium, Sacramento. Contact Board staff at (916) 653-5434 to confirm meeting date and time. Meetings are subject to cancellation.
28-30	Water Education Foundation Colorado River Compact Conference. Call (916) 444-6240.

JUNE

6	California Water Commission meeting.
18-20	Water Education Foundation Bay-Delta Tour.
20	Reclamation Board regular monthly meeting.

JULY

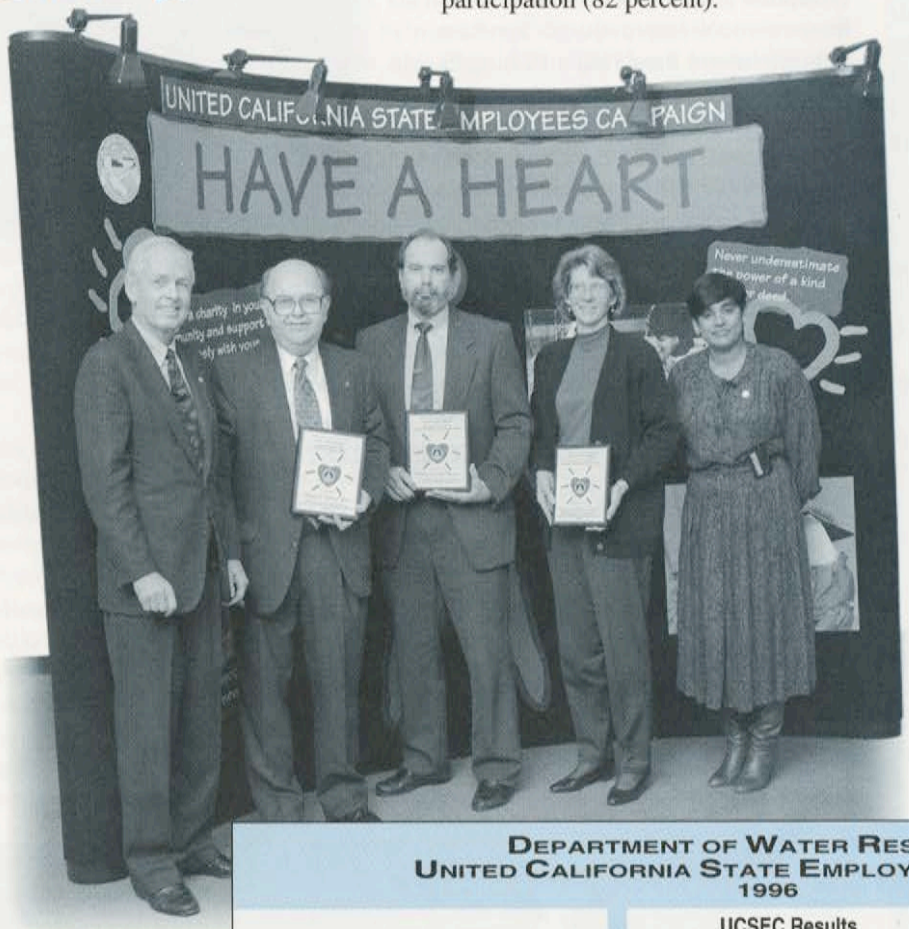
17-18	Water Education Foundation Attorney Briefing. Fisherman's Wharf Hyatt, San Francisco.
18	Reclamation Board regular monthly meeting.
July 30 -Aug.1	National Water Resources Association Western Water Seminar. Olympia Park Hotel, Park City, Utah.

Another Successful UCSEC Campaign

DWR'S "Have a Heart" campaign raised $134,000 for the 1996 United California State Employees Campaign. That amounts to a 24 percent increase above the 1995 contributions ($108,000) and the fourth successive contribution increase. DWR earned the prestigious Gold award for its per capita contribution ($86 a person) and another award for the year's contribution increase.

DSOD once again lead all DWR divisions with the highest per capita contribution ($136), which earned it a Platinum award. In addition, DSOD received a "Have a Heart" award for the highest percentage of employee participation (82 percent).

DWR's "Have a Heart" award for the largest increase in per capita dollars went to the Division of Operations and Maintenance. Division of Local Assistance received a "Have a Heart" award for the largest employee participation increase.



Chief Deputy Bob Potter (far left) and UCSEC Chairperson Mary Phillip (far right) pose with award recipients Vern Persson (Chief, Division of Safety of Dams), Bill Bennett (Chief, Division of Local Assistance), and Debbie Lewis (Division of Operations and Maintenance)

Department of Water Resources
United California State Employees Campaign
1996

Organization	Number of Employees*	UCSEC Results: Dollars Contributed	UCSEC Results: Employee Participation (%)	UCSEC Results: Dollars Per Capita	"Have A Heart" Results: Dollars Contributed Per Capita 1996	"Have A Heart" Results: Dollars Contributed Per Capita Change	"Have A Heart" Results: Employee Participation 1996 (%)	"Have A Heart" Results: Employee Participation Change (%)
Safety of Dams	62	$8,434	82	$136	$136	$31	82	-1
Planning	123	11,796	61	96	96	1	61	0
Local Assistance	75	7,136	71	95	95	9	71	13
Water Education	41	3,862	71	94	94	13	71	-5
Executive	97	8,807	52	91	91	-36	53	10
Operations & Maintenance	204	17,718	67	87	87	38	67	-21
Flood Management	98	7,575	50	77	77	24	50	-11
Land & Right of Way	73	5,210	40	71	71	20	40	-3

*Based on permanent full-time employees only (excludes students and retirees)

Thank You To Our Many Volunteers And Contributors !

UCSEC Awards: Platinum $100+ Gold $80 - $99 Silver $65 - $79 Bronze $50 - $64

DWR "Have A Heart" Winners:

Who 'Ya Gonna Call?

Most people know **Vicki Reedy** as the Chief of the Training Office. But she wears another hat: that of the DWR ombudsperson. As the Department ombudsperson, Vicki is appointed by Management Services Division Chief **Bill Frye** to receive employee complaints and dissatisfactions.

Vicki is one of the few State employees serving as a department ombudsperson, and she works within strict parameters. There are four problem categories she must avoid: discrimination complaints, formal adverse actions (anything beyond a corrective memo), board of control complaints, and grievances (union issues).

"You'd think, doesn't that cover everything? No, not even close. You'd be amazed at the issues employees bring to me," she says, adding that all cases remain confidential.

Vicki can elevate employee concerns to management, but most of the time she listens and offers options that are available to the employee.

"I serve as a sounding board," says Vicki. "I see people who are very upset and angry. They need an opportunity for someone to hear them on their terms, and that's what I do."

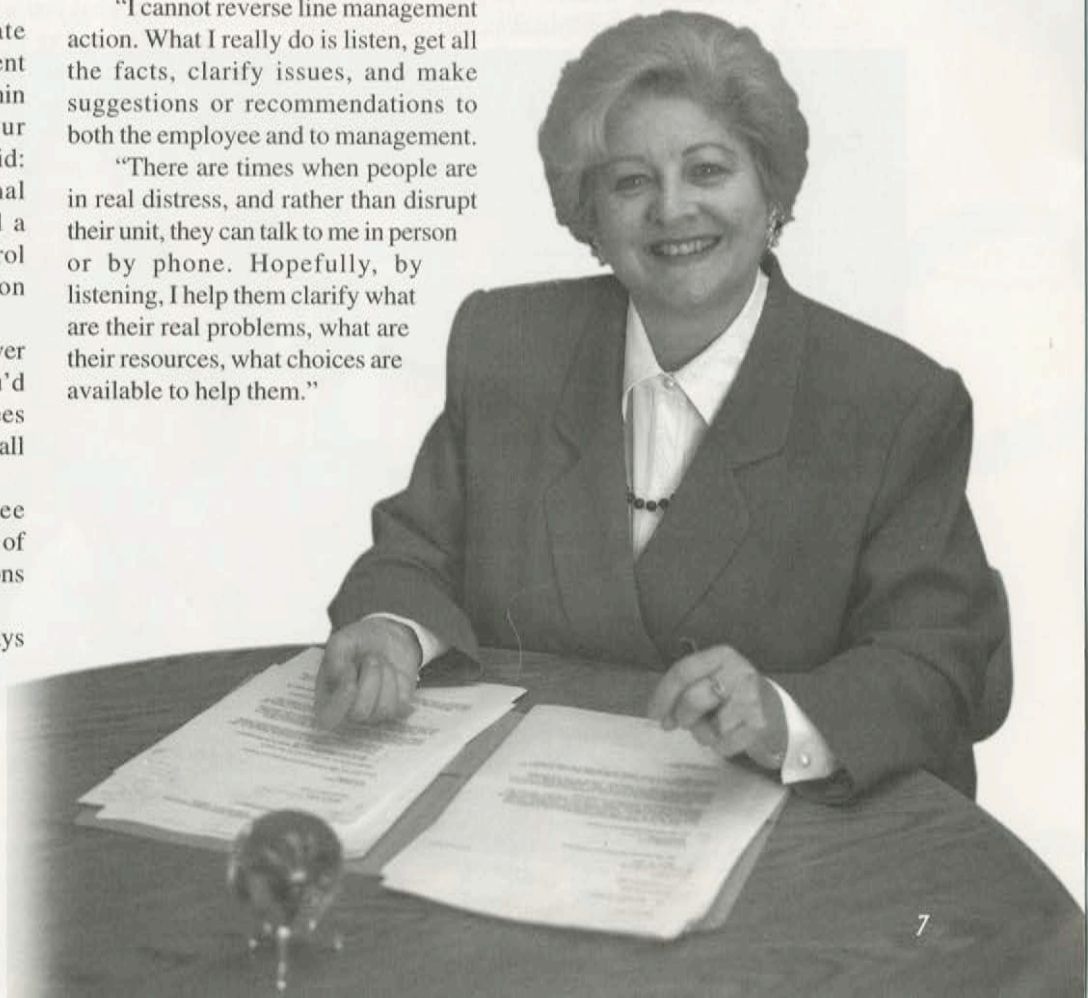
Vicki's personal and professional qualifications make her well suited to her role. As Chief of the Training Office, she knows State and Department policies, procedures, rules, and regulations. Also, she has received instruction and experience in facilitating and counseling. This background allows her to facilitate occasional discussions between supervisors and employees. She is careful to remain neutral, to listen to both sides and hopefully negotiate solutions or settlements.

"I cannot reverse line management action. What I really do is listen, get all the facts, clarify issues, and make suggestions or recommendations to both the employee and to management.

"There are times when people are in real distress, and rather than disrupt their unit, they can talk to me in person or by phone. Hopefully, by listening, I help them clarify what are their real problems, what are their resources, what choices are available to help them."

There is no small amount of stress for Vicki. She invites people to unload their emotional burdens upon her while her guarantee of confidentiality prevents her from sharing those burdens with others. But she finds satisfaction in helping someone navigate a tough situation.

"It's a wonderful job," she says. "Few people in State service have this kind of opportunity to help people."



Avoiding the Legacy of BAD Writing

What does bad writing look like? Here is a sample from a rewrite exercise in DWR's new Business English course.

Decisions in regard to the administration of medication, despite the inability of irrational patients voluntarily appearing in trauma centers to provide legal consent, rest with a physician alone.

Here is the same passage, rewritten.
When patients voluntarily appear at a trauma center but behave so irrationally that they cannot legally consent to treatment, only a physician can decide whether to administer medication.

Is the rewrite an improvement over the first draft? Sure, but what did the author do to improve it? For one thing, she deliberately used subjects (patients and physician) to identify a cast of characters and strong verbs (appear, decide, and administer) to pinpoint crucial actions those characters perform. For another, she weeded out gassy abstractions (decisions, administration, and inability) that serve no useful purpose here.

Stop 10 people in the hallway at work, and ask them which version of this sentence they prefer. Chances are, all 10 will say the second, because they can understand it without struggling.

Millions of people dutifully struggle with writing they cannot understand each day. Often, they blame themselves for their inability to comprehend a sentence like the first one above. Some people give up and stop reading. Others learn to comprehend the goop and imitate it. Thus, the writing style of each generation is incorporated into that of the next, sustaining a legacy of bad form.

For the most part, DWR has managed to avoid this legacy. It has not been easy because people write badly for many compelling reasons. One reason is to hide shortcomings. Best-selling author Michael Crichton notes that some writers "choose" complicated language to pump up their ideas and mask their absence, hoping their readers will equate difficulty with substance. Others use blurry, noun-heavy language to avoid identifying those responsible for actions — frequently themselves.

Take this example:
There has been an affirmative decision for program termination.

Translation?
I decided to terminate the program.

Last September, at the kickoff session of the Business English course, Director Kennedy discussed these and other hazards of writing and gave participating managers and supervisors some suggestions for coping with everyday writing and rewriting situations.

1. Consider phoning instead of writing, or phoning before sending any written message that contains alarming news.
2. Use a first-person, conversational style.
3. Be sure what you write has a beginning, a middle, and an end.
4. Prefer the active voice. (But know how and when to use the passive.)
5. Be sure written replies address all questions posed in incoming cor respondence and phone calls.
6. Rewrite letters three or four times befc sending them out.
7. Bounce your writing off others befo goes to your intended audience.

Will adherence to these sugges solve all your writing problems and DWR's reputation for issuing well-written letters and reports?

Hardly.

But it will improve what you write and perhaps alert you to other problems that will bother you enough to correct them.

"The way to perfection," wrote essayist Walter Pater, "is through a series of disgusts." Let those disgusts be yours, not your readers.

By Dan Wightman

MERITORIOUS SERVICE & UNIT CITATION

Awards

DWR *honors the following outstanding employees who have shown dedication, professionalism, enthusiasm, and pride in their work. Meritorious Service Awards recognize exemplary job performance or outstanding contributions to Department programs. Unit citations are presented to employee groups that accomplished a commendable task or maintained a vital operation.*

Division of Fiscal Services

Unit Citation

Emergency Flood Warning System, Procurement, Installation, and Operation Team, for emergency acquisition, installation, and operation of the State of California's flood warning system.

Garry Smith (recipient) and Fiscal Services Division Chief Chet Winn.

Procurement End User Committee

Unit Citation

For development and implementation of the procurement module of the Business Information System.

Left to right, Back row: *Maribeth Sprague (Planning), Andy Osiow (Fiscal Services), Bob Havrilla, Duane Rickard, Jan Fetler (Management Services), Carol Bird (Fiscal Services);* ***Front row:*** *Tom Speer (Management Services), Charlotte Pinkston (Delta Field Division), Ed Crandall, Tito Kumar (Management Services), Jerry Doty, Roxy Ray (Fiscal Services), Carlos Diaz (Internal Audit Office), Kim Heartley (Management Services) and Bill Frye, Chief of the Division of Management Services.* ***Not shown:*** *Afshin Gousheh, Mickie Smith (Management Services), Larry Filby (Water Education), Charlotte Coron (Land & Right of Way), Les Brown (San Joaquin District).*

Awards

Environmental Services Office
Unit Citation

Real-Time Monitoring Program Team, for contributions to the spring 1996 real-time monitoring program for the Sacramento-San Joaquin estuary.

Left to right, Back row: *Ted Frink, Darryl Hayes, Leo Winternitz, Bill Harrell, and Lenny Grimaldo;* ***Front row:*** *Katie Wadsworth and Lauren Buffaloe;* ***Not shown:****Pam Casselman, Jennifer Hogan, Ron Lunsford, Bonnie Ross, Eric Santos, Scott Waller, and Tracy Woods.*

San Joaquin Field Division
Unit Citation

San Joaquin Field Division Flood Response Team, for outstanding efforts in protection and damage reduction to the California Aqueduct during extreme weather conditions in March 1995.

Left to right, Back row: *Jack Miller, Paul Burrow, Wayne Archer, Keith Mayhue, James Phillips, Kermit Prickett, Orlando Aguilar;* ***Third row:*** *Dana White, David Lundy, Marsha Fleetwood, Mark Hopper, April Petok, Glen Gordon (Chief, San Joaquin Field Division);* ***Second row:*** *Isaac Manuel, B.J. DeShields, Roger Coach, Richard Alvidrez, Bill Smith, Zane Messer, Dee Bankston;* ***Front row:*** *Gary Orpe, Frank Nadal, Jennifer Metcalf;* ***Not shown:*** *Larry Anderson, Lynn Beck, June Blair, Shirley Burke, Olen Campbell, Andres Castaneda, Jr., Enrique Castillo, Darren Choyce, Judy Cole, Don Creel, Eric Davis, Don Elmore, Danny Erreca, Vickie Feldt, Michelle Ghiglia, Walter Griffin, Robert Henson, Larry Long, Harold Mahan, Howard Mellow, Frank Moreno, Fred Penermon, Mark Richert, Robert Ruff, Yolanda Saucedo, Bruce Severns, Victoria Tondreault, and Joe West.*

Retirements

Pauline Amaro

Pauline Amaro has been a part of the flood control activities team for more than 31 years.

"I was around from the proposal to completion of many flood control projects," says Pauline, retired Executive Secretary of The Reclamation Board.

Pauline began her flood control career with the U.S. Bureau of Reclamation as secretary to the Assistant Regional Director. After five years, she moved to San Francisco, where she worked as a medical secretary for eight years. In 1965, she joined the Reclamation Board as an Intermediate Stenographer and later a Senior Stenographer.

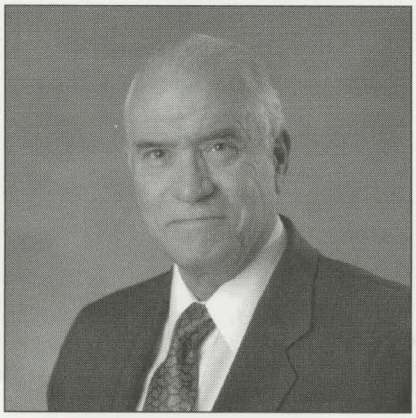
Pauline's DWR career began when the Reclamation Board joined DWR in 1969. She was assigned to the new Flood Control Project Branch in the Division of Planning. When the Division of Flood Management was created, the branch was transferred there. For 19 years, she was secretary to six branch chiefs. In 1989, Pauline returned to the Reclamation Board as Executive Secretary, where she remained until her December retirement.

During her Reclamation Board service, Pauline received an award for creating an automated encroachment permit processing program that significantly reduced the backlog of permit applications.

Russell Chris Bingley

Chris Bingley made a career of geology while working for many different employers. Chris began his career at the Northern District from 1966-1968 as a Junior Engineering Geologist. While there, he studied landslides for the Middle Fork Eel Project. He then moved to Los Angeles and worked seven months with the Department of Conservation before joining the City of Los Angeles Department of Public Works. He transferred in 1989 to the Los Angeles City Fire Department as an Engineering Geologist II to review geologic reports on soil contamination from leaking underground tanks. In 1990, he returned to Northern California to work for an engineering consultant firm in Redding and later the Integrated Waste Management Board.

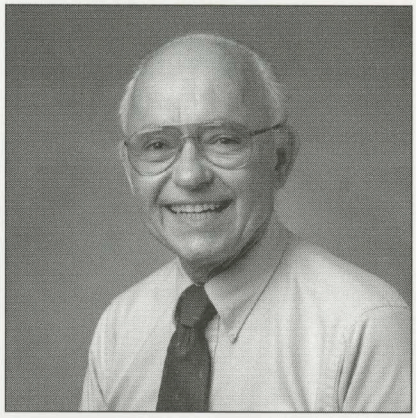
Chris returned to DWR in 1991 as an Associate Engineering Geologist with the Division of Engineering's Geology Branch. There he studied soils and rocks for the Coastal Branch Aqueduct and the Los Banos Grandes Reservoir and Dam.



Chris, who retired in December, says he enjoyed geology because "nature isn't cut and dry. From hard rocks to weak soils, I never knew what I would encounter."

George Blondin

When George Blondin retired in December, the Divisions of Engineering and Land and Right of Way lost the man who helped customize their Computer Aided Design and Drafting (CADD) system. "I enjoyed working with CADD software used to produce maps and charts for DWR's engineers," says George, who worked more than 34 years with DWR.



His DWR career began in 1963 at the Technical Services Office as a Senior Engineer of electronic analog systems. He modeled salinity intrusion into the Delta and assisted with computer modeling for the proposed Peripheral Canal. In 1969, he worked as a Programmer Analyst for the Engineering Computation Branch. In 1984, he customized the CADD system for the Division of Land and Right of Way. In 1985 he worked as Senior Information Systems Analyst (Specialist) for the Division of Engineering's CADD System Group. There he helped develop, customize, and support programs for the CADD system files.

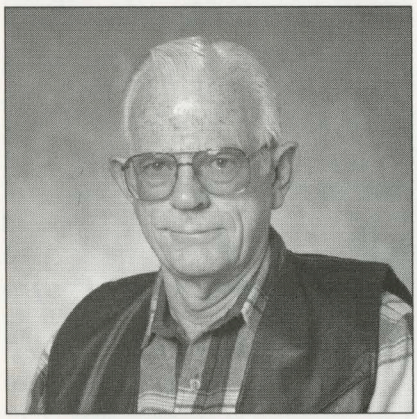
George plans to work as a DWR retired annuitant and travel with his wife who owns a travel agency.

Retirements

Eric Taylor

Eric Taylor's 40-year career in electric power generation covered considerable western geography. He started his career with Pacific Gas and Electric Company's East Bay Steam Department, continued in a coal-fired steam plant in Wyoming, and completed his career with DWR in Gustine and Oroville.

After 25 years with PG&E, Eric began a four-year hitch at the Wyoming coal plant in 1979. His DWR career began in late 1984. As an operator at San Luis Field Division, he worked at Gianelli Pump-Generating Plant, Dos Amigos Pumping Plant, and the Desalter at Los Banos. When the Desalter was closed, Eric transferred to the Oroville Field Division, working alternately at the underground Hyatt Powerplant, the Thermalito Powerplant, and the Area Control Center.



Eric, who retired in December, plans to travel throughout the United States with his wife, Nancy, and Sunshine, their golden retriever. To date, he has written approximately 25 stories for the Oroville Mercury-Register newspaper and plans to continue his hobby of writing during retirement.

Barbara Andreatta
Central District
Office Assistant
22 years, 7 months

Donald Armas
Operations and Maintenance
Water Resources Engineering Assoc.
34 years, 9 months

Linda Brainard
Southern District
Assoc. Land and Water Use Analyst
10 years, 5 months

Floyd Brim
Engineering
Electrical Construction Supv. I
13 years, 4 months

Lloyd Browning
Engineering
Supv. Eng. Equip. and Materials Sect.
32 years, 5 months

Maurice Caplin
Delta Field Division
Civil Maint. Journeyworker
12 years, 5 months

Willis Courtney
Engineering
Assoc. Specification Writer
40 years, 1 month

Robert Goad
Engineering
Supv. Electrical Engineer
20 years, 1 month

Frank Gutierrez
Oroville Field Division
Civil Maint. Journeyworker
15 years, 5 months

Richard Heiler
Engineering
Electrical Engineering Tech. III
33 years, 6 months

Robert Hernandez
Delta Field Division
Water Resources Tech. II
6 years

Vernon Jones
San Luis Field Division
HEP* Electrician II
25 years, 8 months

Harold Knight
State Water Project Analysis Office
Water Res. Eng. Assoc.
46 years, 6 months

Linda Mangan
Management Services
Assoc. Gov. Prog. Analyst
24 years, 3 months

Robert Mills
Oroville Field Division
Assoc. Info. Sys. Analyst
31 years, 1 month

Hide Nakajo
State Water Project Analysis Office
Office Technician (Typing)
3 years, 4 months

James Patrick
Southern Field Division
Supv. HEP** Utility Eng.
14 years, 4 months

Emil Perry
Delta Field Division
Water Resources Tech. II
28 years, 5 months

Reynold Porterfield
Central District
Sr. Eng. Water Resources
33 years, 5 months

Kenneth Scribner
Flood Management
Water Res. Eng. Assoc.
37 year, 4 months

Edward Strong
Engineering
Water Res. Eng. Assoc.
28 years, 5 months

Ted Tsuruda
Engineering
Senior Engineer
38 years

Horacio Viarnes
Engineering
Supv. Mechanical Engineer
33 years, 5 months

Urban Waterman Jr.
Delta Field Division
Building Maintenance Worker
18 years, 7 months

**Hydroelectric Plant*
***Hydroelectric Power*

People on the Move

FORTY YEAR AWARDS

Donald Babbitt
Safety of Dams
Principal Engineer
February 1997

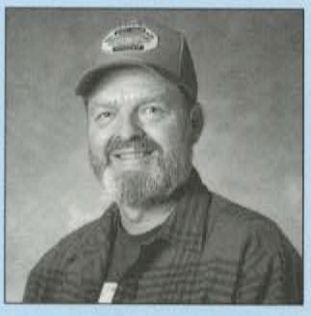
David Brown
Southern District
Water Resources
Engineering Associate
May 1997

TWENTY-FIVE YEAR AWARDS

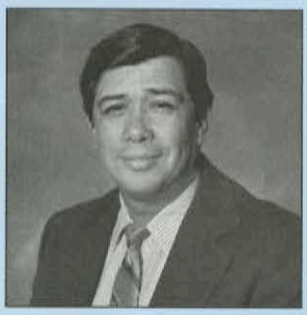
Dale Berry
Management Services
Assoc. Programmer Analyst
February 1997

Ronald Lee
San Joaquin Field Division
HEP* Mechanic I
December 1996

Dorothy Wilson
Management Services
Property Inspector
Specialist
February 1997



Larry Thornton
Southern Field Division
HEP* Mechanic I
March 1997



Frank Nadal
San Joaquin Field Division
Water Resources Tech.
March 1997

Frances Letcher
Management Services
Bus. Services Officer I (Spec.)
December 1996

Barbara Lee
Land and Right of Way
Assistant Land Surveyor
March 1997

Glorie Bryant
Operations and
Maintenance
Staff Programmer Analyst
March 1997

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People on the Move

NEW HIRES

Emma Albert
Fiscal Services
Accountant Trainee

John Amyx
Southern Field Division
HEP* Operator

Don Anderson
San Joaquin Field Division
Mechanical and Technical
Occupational Trainee

Victoria Arena
Executive
Staff Counsel

Alicia Arterberry
San Joaquin Field Division
Mechanical and Technical
Occupational Trainee

Robert Arthurton
San Luis Field Division
Mechanical and Service
Occupational Trainee

David Brown
Southern Field Division
Mechanical and Service
Occupational Trainee

Michael Brown
Delta Field Division
Warehouse Worker

Amy Carmona
San Joaquin Field Division
Office Assistant

Michael Collins
San Luis Field Division
Mechanical and Technical
Occupational Trainee

Cynthia Darling
Executive
Supervising Biologist

Cody Erickson
Southern Field Division
Mechanical and Technical
Occupational Trainee

Maria Favorito
Fiscal Services
Accountant Trainee

John Fenning
Delta Field Division
Control System Tech. I

Darla Fischer
Management Services
Office Assistant

Angelo Garcia Jr.
Environmental Services
Fish and Wildlife Assistant

Hoa Hoang
Fiscal Services
Accountant Trainee

Christopher Johnston
San Joaquin Field Division
HEP* Operator

Keith Kihara
Local Assistance
Environmental Specialist III

Gwen Knittweis
State Water Project
Analysis Office
Associate Engineer

Anand Kotecha
Fiscal Services
Accountant Trainee

Adriana Ledesma
Management Services
Office Assistant

James Lee
Environmental Services
Information Systems Tech.

Daniel LeMay
San Joaquin Field Division
Civil Maint. Journeyworker

Kristina Lynn Long
Land and Right of Way
Office Assistant

Brenda Main
Local Assistance
Research Writer

Timothy McCandless
San Joaquin Field Division
HEP* Operator

Brian Niski
Local Assistance
Staff Services Analyst

Morteza Orang
Planning
Associate Land and Water
Use Analyst

Polly Peterson
Management Services
Asst. Info. Systems Analyst

Rosalinda Santana
Management Services
Office Assistant

John Sibilsky
Flood Management
Engineer

Sandra Springer
Environmental Services
Office Assistant

Robert Strong
Delta Field Division
Maintenance and Service
Occupational Trainee

Kelley Tousey
Management Services
Personnel Services Spec. I

David Watson
Southern Field Division
HEP* Mechanic

Ted Williams
Fiscal Services
Senior Planner (Supervisor)

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PROMOTIONS

Gary Bardini
Executive
Senior Engineer

Marco Bell
Executive
Senior Engineer

William Bennett
Northern District
Principal Engineer

Dana Billy
Southern Field Division
Secretary

Karen Blake
Engineering
Office Technician

Theodore Bruce
Engineering
Sr. Engineering Geologist

Esther Cameron
Fiscal Services
Accountant I (Spec.)

Ronald Carter
Fiscal Services
Staff Information Systems
Analyst (Spec.)

Elizabeth Chambers
Management Services
Executive Secretary I

Paul Chata
Southern Field Division
Civil Maint. Journeyworker

Wen-Chung Chen
Planning
Associate Engineer

Thomas Coleman
San Luis Field Division
HEP* Elec. Apprentice

Lizette Cook
Environmental Services
Env. Specialist II

William Forsythe
Planning
Associate Engineer

Susan Francia
San Luis Field Division
HEP* Operator Apprentice

Jay Gardner
Management Services
Research Analyst II (GIS)

Angela Gavia
Fiscal Services
Accountant I (Spec.)

Jacqueline Hensley
Operations and
Maintenance
Office Technician

Barak Howze
San Joaquin Field Division
HEP* Operator Apprentice

Katherine Kishaba
Planning
Staff Services Manager I

Deborah Kopperdahl
Office of Water Education
Mgmt. Services Tech.

Susan Lee
Planning
Associate Engineer

Beecher Leversee
Northern District
Mech. Construction Supv. I

Sharon Lewis
Management Services
Bus. Serv. Officer I (Spec.)

Andrew Mangney
Northern District
Associate Engineer

Darral Martin
Engineering
Principal Mechanical and
Electrical Engineer (H.S.)

Enrique Matta
Northern District
Associate Engineer

Tru Nguyen
Engineering
Associate Engineer

Donald Nipper
Southern Field Division
HEP* Elec. Apprentice

Mattias Nolberg
Engineering
Associate Engineer

Archie Noriega
Operations and
Maintenance
Prnc. HEP** Utility Eng.

Patrick Parsons
Northern District
Research Analyst I (GIS)

Cynthia Perea
Delta Field Division
Civil Maint. Journeyworker

Daniel Peterson
Northern District
Associate Engineer

Jeff Price Jr.
San Luis Field Division
HEP* Electrician II

Richard Rader
Southern Field Division
Senior HEP* Operator

Bruce Reese
San Joaquin Field Division
Control Systems Tech. III

Charles Reilly
Oroville Field Division
HEP* Operator Apprentice

Barbara Rennard
Oroville Field Division
Secretary

Andres Reyna
Delta Field Division
Civil Maint. Apprentice

Dean Reynolds
Central District
Associate Land and Water
Use Analyst

Arnold Sanchez
Engineering
Associate Engineer

Tirath Sandhu
Planning
Senior Engineer

David Sandino
Executive
Staff Counsel III (Spec.)

Mark Schultz
Engineering
Associate Engineer

Thomas Smith
San Joaquin Field Division
HEP* Mechanic II

Dawn Stevenson
Delta Field Division
Civil Maint. Apprentice

Paul Strusinski
Engineering
Associate Engineer

Ward Tabor
Executive
Staff Counsel III (Spec.)

Chris Thomas
Oroville Field Division
Civil Maint. Journeyworker

Judith Topper
Management Services
Staff Information Sytems
Analyst (Spec.)

Pamela Treece-Sinclair
Fiscal Services
Staff Admin. Analyst (AS)

Leonard Triboli
Flood Management
Building Maint. Worker

Leo Winternitz
Environmental Services
Env. Program Mgr. I

Richard Woodard
Local Assistance
Env. Program Mgr. II

Tina Wynne
Fiscal Services
Accountant I (Spec.)

Diaa Yassin
Engineering
Associate Engineer

BIRTH ANNOUNCEMENT

Michele and Wade Hughes celebrated the birth of their first child November 14, 1996. Their daughter Sarah Morgan weighed seven pounds nine ounces and was 20 inches long. Michele is an Office Assistant with the Division of Operations and Maintenance.

IN MEMORY

Larry Smith
DWR Senior Engineer W.R. Larry Smith died on March 5, 1997 from injuries he received in an auto accident. Larry was a 37-year DWR veteran and Chief of the Water Measurement and Control Section. He joined the Department in 1960 as a Junior Civil Engineer. He contributed to the first Bulletin 132 in 1963, and helped design and test fish screens for the Delta and Skinner Fish Facility. Larry was generally recognized as one of the Department's hydraulic analysis experts.

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An Outdoor Engineer

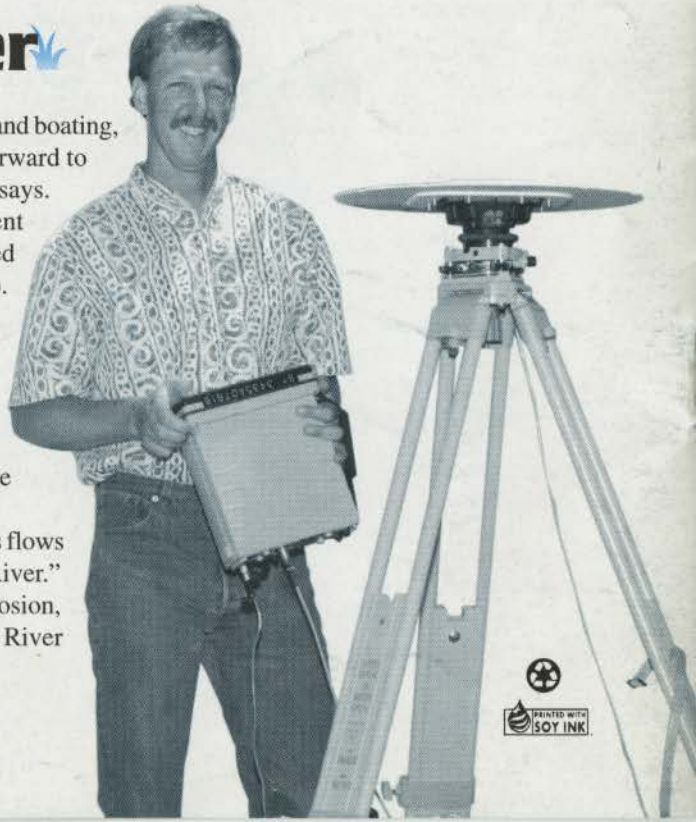
Associate Engineer **Curtis Anderson**, who enjoys fishing, hunting, and boating, lists outdoor surveys among his favorite work activities. "I look forward to spending half my summer working near the water and streams," he says.

Curtis joined DWR's Northern District in 1989 as a Student Assistant with the Geology Section. After three months he transferred to Fisheries Engineering (now called Engineering Studies Section). Using the Computer Automated Design Drafting System (CADD), Curtis digitized the proposed Thermalito Afterbay duck ponds sites.

Curtis' most memorable job was the installation of radio towers for the Reeds Creek Watershed Flood Alert System.

"I enjoyed being able to work with the National Weather Service and the Red Bluff fire station staff to install a system that could save many lives," he says.

As an Associate Engineer, Curtis currently surveys and measures flows of cross sections for the "In-Stream Flow Study of the Feather River." His other duties include compiling maps, vegetation studies, bank erosion, existing vegetation, and land use information into the Sacramento River Geographic Information System Project.



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