



U.S. Army Corps
of Engineers®

BLUEPRINT

Your Guide to the Sacramento District



U.S. ARMY



2022

Construction of a cutoff wall to improve
levees near Sacramento, California.

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INTRODUCTION



Sacramento District achieves milestones on major projects! Two years into the COVID-19 pandemic and our team has adapted to a new normal and made extraordinary progress on major infrastructure projects that reduce flood risk for the public, provide care for our veterans and improve our Nation's resilience to climate change. It's important to note that our progress would not be possible without our federal, state and local agencies, collaboration with tribal nations, as well as partnering with industry and academia, both old and new.

Just a few examples of our team's efforts include:

- The Isabella Dam project reached 65% completion on the new emergency spillway and all major project upgrades are scheduled for completion in 2022.
- The Veteran Affairs

Stockton Outpatient Clinic is scheduled for completion in 2023.

- The American River Common Features WRDA 16 project, totaling \$1.94B, is fully funded and scheduled for completion in 2025. This levee improvement project is one of the most significant in the district's history and will help the Sacramento region battle the threats of extreme weather and storms.

Thanks for all you do! Building Strong, Army Strong, Essayons!

If you have any questions or comments, contact our Public Affairs Office directly at (916) 557-5100 or spk-pao@usace.army.mil

*Col. James Handura
Sacramento District Commander*



Learn more about our mission at [YouTube /SacramentoDistrict](https://www.youtube.com/SacramentoDistrict)

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U.S. Army Corps of Engineers 916-557-5100
Sacramento District spk-pao@usace.army.mil

COVER:

Construction of a seepage cutoff wall along the Reach H levee in Natomas, California, May 27, 2021. Photo by J. Paul Bruton.

CONTENTS:

Side view cross section of the proposed spillway ogee weir for the Tule River Spillway Enlargement Project, July 2021.

INTRODUCTION:

Sacramento District Commander Col. James Handura joined Bobber the Water Safety Dog, the Deployable Tactical Operations System and our district employees at the California Capital Airshow at Mather Airport, Sacramento, California, Sept. 24-26, 2021. Photo by Luke Burns.

BACK COVER:

Kings River near Pine Flat Lake and Fresno, California. Gold Medalist winner from the 2020 USACE South Pacific Division Ranger Photo Contest. Photo by Chelsea Jones.

Note: Uncredited photographs are from the Sacramento District staff and Public Affairs Office or the Defense Visual Information Distribution Service (DVIDS).

Publication authorized under the provisions of Army Regulation 360-1.



spk.usace.army.mil



[/sacramentodistrict](https://www.facebook.com/sacramentodistrict)



[/USACESacramento](https://twitter.com/USACESacramento)



SACRAMENTO DISTRICT OVERVIEW MAP



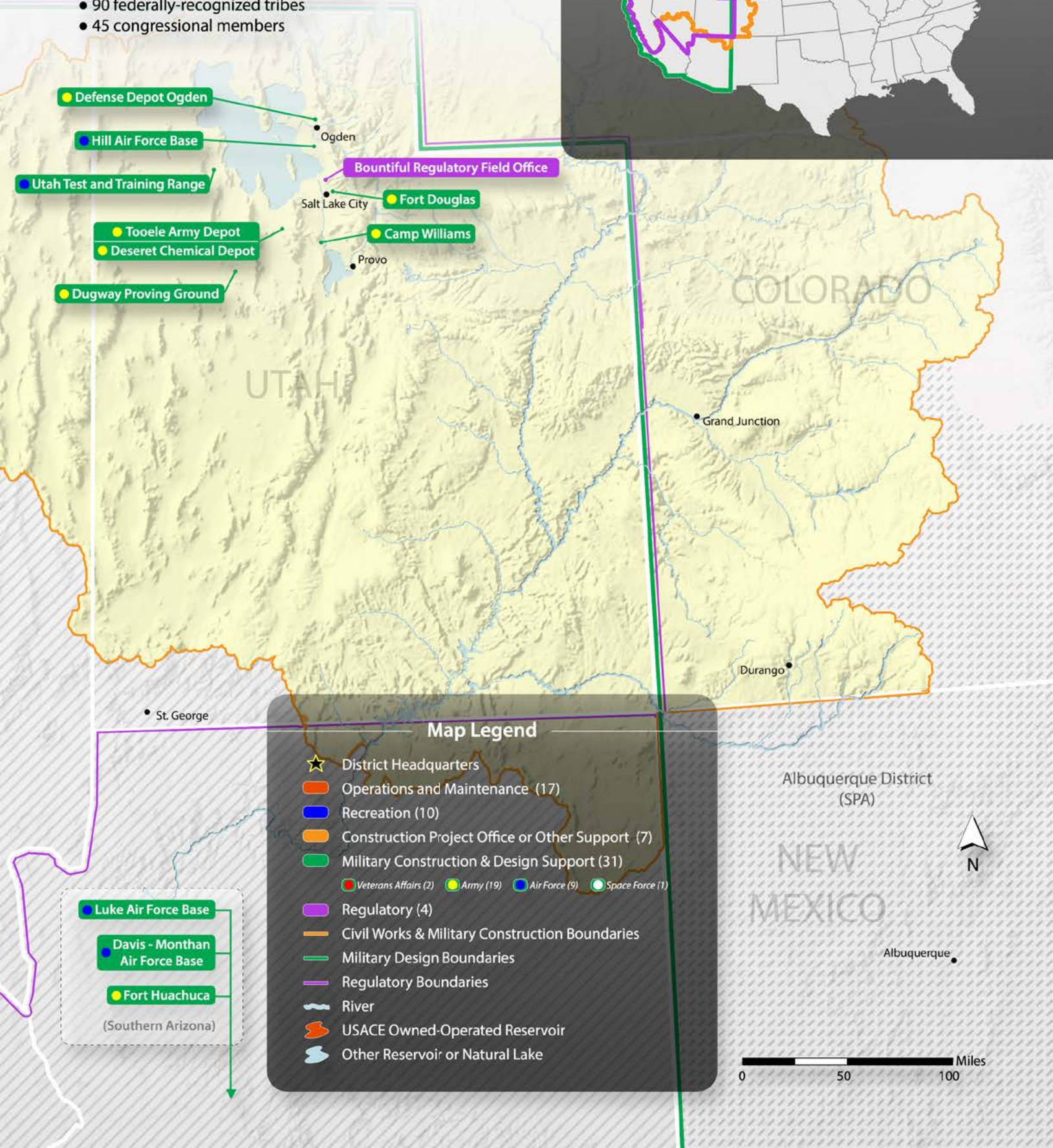
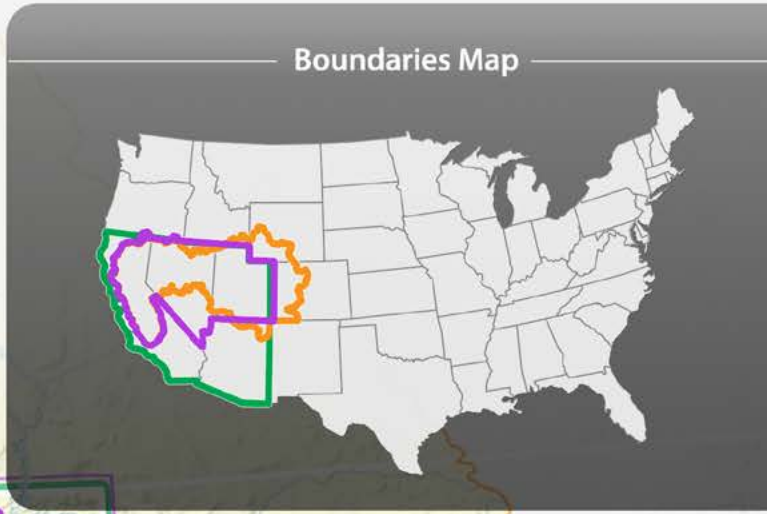
www.spk.usace.army.mil/media/blueprint



Facts & Figures

(as of 22 March 2022)

- 2nd largest district geographically in the United States
- 290,000 square-mile area of responsibility
- Serving 8 western states and 11 million citizens
- 1,120 civilian and military employees
- 90 federally-recognized tribes
- 45 congressional members



Defense Depot Ogden

Hill Air Force Base

Utah Test and Training Range

Tooele Army Depot

Deseret Chemical Depot

Dugway Proving Ground

Bountiful Regulatory Field Office

Fort Douglas

Camp Williams

Luke Air Force Base

Davis - Monthan Air Force Base

Fort Huachuca

(Southern Arizona)

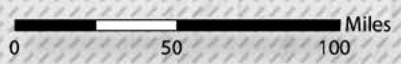
Map Legend

- ★ District Headquarters
- Operations and Maintenance (17)
- Recreation (10)
- Construction Project Office or Other Support (7)
- Military Construction & Design Support (31)
- Veterans Affairs (2)
- Army (19)
- Air Force (9)
- Space Force (1)
- Regulatory (4)
- Civil Works & Military Construction Boundaries
- Military Design Boundaries
- Regulatory Boundaries
- River
- USACE Owned-Operated Reservoir
- Other Reservoir or Natural Lake

Albuquerque District (SPA)

NEW MEXICO

Albuquerque



ISABELLA LAKE

CULTURAL RESOURCES

Ancestral Territory (pre-1850s)



Cheh Weh (Esteban Miranda) and Marie Soustenant Carro, holding baby Teresa, 1916. Credit: Thomas T. Waterman, U.C. Berkeley.

The town of Lake Isabella, California, is located at the confluence of the north and south forks of the Kern River in the southern Sierra Nevada Mountains. Known as the “Kern Valley” or “Hot Springs Valley,” the area is named for the Kern River and naturally occurring hot springs

The town reflects a multilayered history of the American West. The Tübatulabal and Kawaiisu people were the first stewards of the region, building complex societies and a sophisticated trade network based on the seasonal cycles of their traditional lands.

Non-Native Settlement and Mining (1850s)

Precious metals in the West drew attention and contact to the new territory of California during the 1850s, when Isabella was established on the coattails of the Kernville mining boom.

Most Common Occupations



50%
Miner



11%
Keeping House



6%
Cook



5%
Teamster



4%
Farmer

Nationality



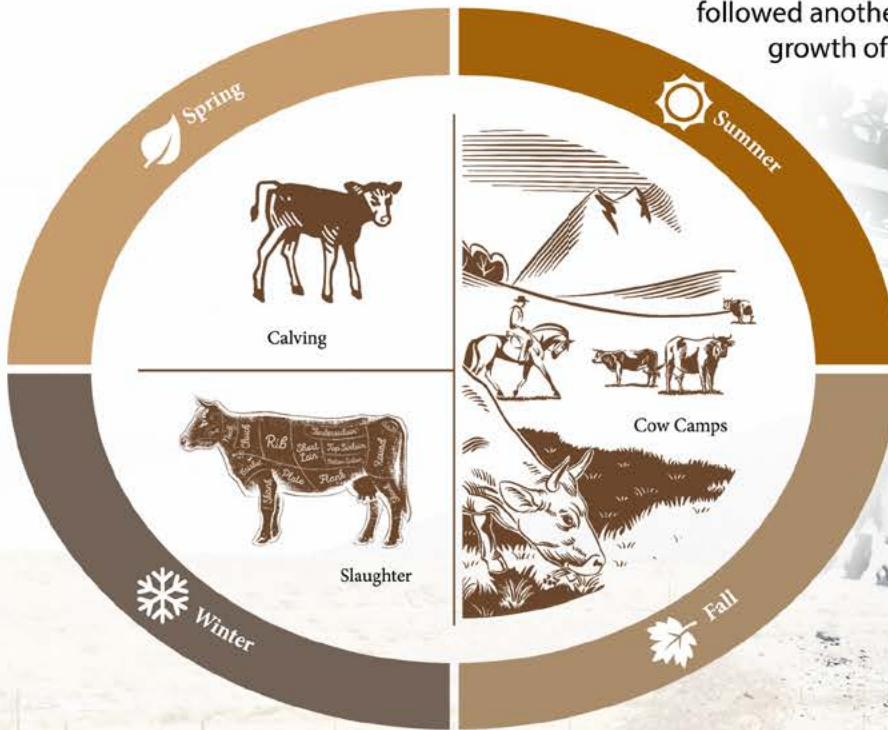
Gender



Kernville in 1870. Based on data from the U.S. Census Bureau.

Ranching and Agriculture (1870s, 1900s)

The rich soils and rangeland ushered in an era of ranching that followed another seasonal cycle revolving around rain, growth of forage and cattle.



Seasons on the Ranch



Rodeo champion Burel Mulkey on a bronco. *Credit: Myrna Sweeney.*

Isabella Dam (1953-Present)

In 1953 Isabella Dam was added to the landscape and brought protection from flooding, but also huge shifts in local lifeways as local communities were remade.



Isabella Dam project site, April 20, 1948.



The completed Isabella Main Dam (left) and Auxiliary Dam (right), c. 1960.

Today, the natural beauty of the Kern Valley, coupled with outdoor recreation, has created another seasonal cycle in the form of a summer tourist economy.



New construction work on the Isabella Dam Safety Modification Project, Aug. 12, 2021. The project will reduce the risk of catastrophic floods resulting from dam breach for downstream communities. *Credit: John Prettyman*



MILITARY CONSTRUCTION






Authorized Projects and Construction



U.S. AIR FORCE

From new hangars to mission command centers, training facilities, infrastructure repairs and projects that improve installation energy resilience, the U.S. Army Corps of Engineers Sacramento District military construction program provides planning, engineering, project management, environmental restoration and construction services to both Army and Air Force installations. Additionally, the district performs environmental clean up for Formerly Used Defense Sites and other specified military sites.

The following list shows only some of the current and recently completed military construction projects. Information about other past, ongoing or future projects can be obtained by contacting (916) 557-5100. Project data contain best estimates and are subject to change based on yearly appropriations.

Military Installation (State)	Project Title - Primary Purpose	Current Progress
	Beale Air Force Base (CA) Airfield fuel hydrant system replacement – provides improved, reliable fueling system for flight operations.	Finalizing project designs and starting construction. Scheduled completion 2024.
	Fort Hunter Liggett (CA) 5MW photovoltaic system, 3MW battery storage - helps installation get to net zero energy use.	Construction ongoing. Scheduled completion 2023.
	Hill Air Force Base (UT) Ground-Based Strategic Deterrent (GBSD) projects - integrated facilities for hardware and software weapons systems testing.	Finalizing project designs and starting construction. Scheduled completion 2024.
	Military Ocean Terminal Concord (CA) Wharf 2 repairs – modernizes and restores container crane operations and terminal’s ability to distribute and ship munitions for U.S. forces.	Construction complete April 2021.
	Utah Test and Training Range Missile motor receipt/storage facility – supports munitions storage at the largest military training area in the U.S.	Construction ongoing. Scheduled completion 2023.



CONTRACTING OPPORTUNITIES

 spk.usace.army.mil/Business-With-Us/Contracting



BUILDING STRONG FOR OUR VETERANS

Stockton VA Clinic

The U.S. Army Corps of Engineers Sacramento District is working with local contractors to complete a new Veterans Affairs Community Based Outpatient Clinic, a Community Living Center and Engineering Logistics Building in Stockton, California. The complex is designed to enhance and expand the availability of medical care to Central Valley veterans and is scheduled for completion in 2025. Here's a snapshot of the amazing progress over two years.

Groundbreaking November 2019



Site raise May 2020



Underground utilities June 2020



Concrete foundation July 2020



Steel framework October 2020



Last piece of steel November 2020



Floor construction January 2021 - November 2021



Projects Complete 2025



Other VA Projects

First Contract Awarded



Alameda Point







New outpatient clinic, National Cemetery (Columbarium) and conservation management office situated on a 112-acre footprint.

Stockton VA photos by Jeremy Croft, Ken Wright and Maj. Nick Yager. Other photos courtesy Department of Veterans Affairs.

CIVIL WORKS

Authorized Projects and Construction

The following list shows only some of the current civil works projects. Information about other past, ongoing or future projects can be obtained by contacting (916) 557-5100. Project data contain best estimates and are subject to change based on yearly appropriations.

Title	Primary Work	Current Progress
	American River Common Features - Natomas 42 miles of levee improvements.	Natomas Basin levee work underway. Scheduled completion 2026. 18 miles completed by sponsor under early implementation project.
	American River Common Features - WRDA 2016* 40 miles of levee improvements, 1,500 foot widening of Sacramento Weir and Bypass.	Construction underway. Project scheduled completion 2024.
	Folsom Dam Raise* 3.5 foot raise of dikes, wing dams, auxiliary dams and modification of Main Dam Tainter gates.	Dike 8 work complete. Finalizing project designs for other features. Project construction planned for Spring 2023 through Fall 2025.
	Isabella Dam Safety Modification Project* 16 foot raise of Main and Auxiliary Dams, new Emergency Spillway and Labyrinth Weir.	Phase II dams and spillway construction underway. Scheduled completion 2022.
	Tule River Spillway Enlargement at Schafer Dam* 10 foot raise and 165 foot widening of existing spillway, new 400 foot-long Ogee Weir.	Construction underway. Scheduled completion 2023.
	Yuba River Basin Marysville Ring Levee Project 25,000 linear feet of levee improvements across 7.6 miles of levees.	Phase 1, 2AN, 2AS, 2C, 4A work complete. Phase 3 cutoff wall construction completion December 2022.

* Funded to completion by Bipartisan Budget Act of 2018.





How the Flood Risk Management System Works

Despite its complexity, the flood risk management system in California consists of only a few major components – primarily dams, levees, weirs, and bypasses. No single piece can work alone. The system works by moving water away from places where people live and into natural basins, which are low areas of land.

Dam

A dam is simply a barrier, typically made of earth or concrete, that holds back the flow of water. Dams are built for many purposes, including flood risk reduction, hydroelectric power and water storage for irrigation or human consumption. Dams store water during a major storm and release it over time, in amounts downstream levees can hold.

Levee

A levee is an extension of the river banks, made to contain floodwater. Some levees are made of earth. Others are reinforced with gravel, concrete, or other materials.

Bypass

A bypass helps move floodwater around an area, just like a highway bypass goes around a city. In a flood, the weirs spill water into bypasses. Bypasses provide habitat for birds and fish, and they can also be used for farming. However, bypasses must be kept clear enough to accommodate floodwater conveyance.

Weir

A weir is a small dam designed to allow water to flow over it at a certain level. Engineers often use weirs to accurately measure the flow of water in cubic feet per second, or CFS.



Watch the Animation
youtube.com/SacramentoDistrict

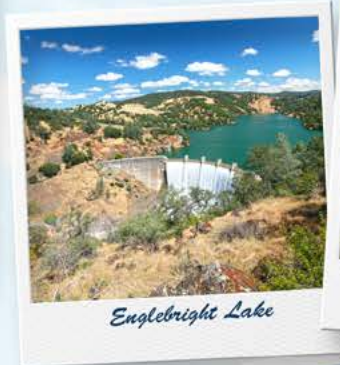


RECREATION

USACE is one of the nation's leading federal providers of outdoor recreation.



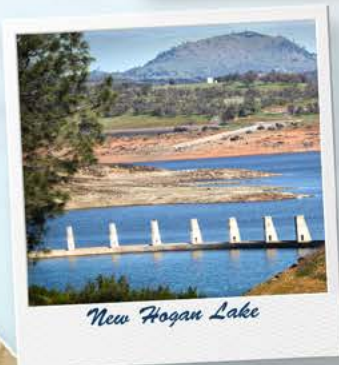
Black Butte Lake



Englebright Lake



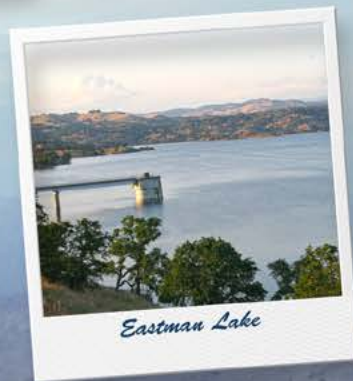
Martis Creek Lake



New Hogan Lake



Stanislaus River Parks



Eastman Lake

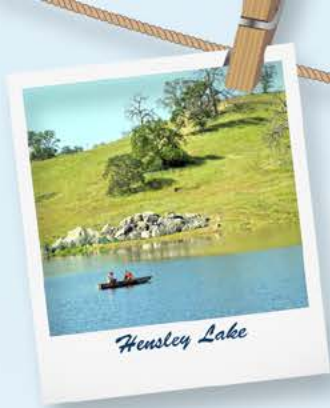
OUR PROJECTS AT A GLANCE and THEIR VALUE TO THE NATION

Sacramento District (California's Central Valley)

- Manages 10 water resources projects with recreation
- Stewards of 45,266 acres of public lands
- 4 million visitors annually

Corps (Nationwide)

- Manages more than 400 projects with recreation
- Stewards of nearly 12 million acres of public lands
- 250 million visitors annually



Make the most of your park visit!

- ✓ #1 Get your America the Beautiful-Federal Recreational Lands Pass Series at our project offices or go to: store.usgs.gov/recreational-passes (Annual Pass, Every Kid Outdoors Pass available to 4th graders, Annual Senior Pass, Lifetime Senior Pass, Lifetime Access Pass, Volunteer Pass, and Military Pass passes available)



- ✓ #2 Camping, fishing, boating, hiking, bird-watching and a thousand other special family memories await you. Visit our website for the latest information on events, activities and safe recreation: spk.usace.army.mil/Missions/Recreation/



- ✓ #3 Be safe! Visit: [PleaseWearIt.com](https://www.pleasewearit.com) for safety tips



Recreation photos by J. Paul Bruton, Luke Burns, Tyler Stalker and Todd Plain.

Background photo: Success Lake and Richard L. Schafer Dam, June 11, 2021. Aerial photo courtesy USACE Sacramento District Aviation Section.



REGULATORY

Protecting the nation's aquatic resources and permitting reasonable economic development.



COMMON SERVICES



Issues permits for authorized construction, dredging and other activities in or near federally regulated waterways and wetlands



Conducts investigations of potential unauthorized activities impacting federally regulated waterways or wetlands

Example Activities Requiring Permits



Pier construction, boat ramps, pipeline crossings



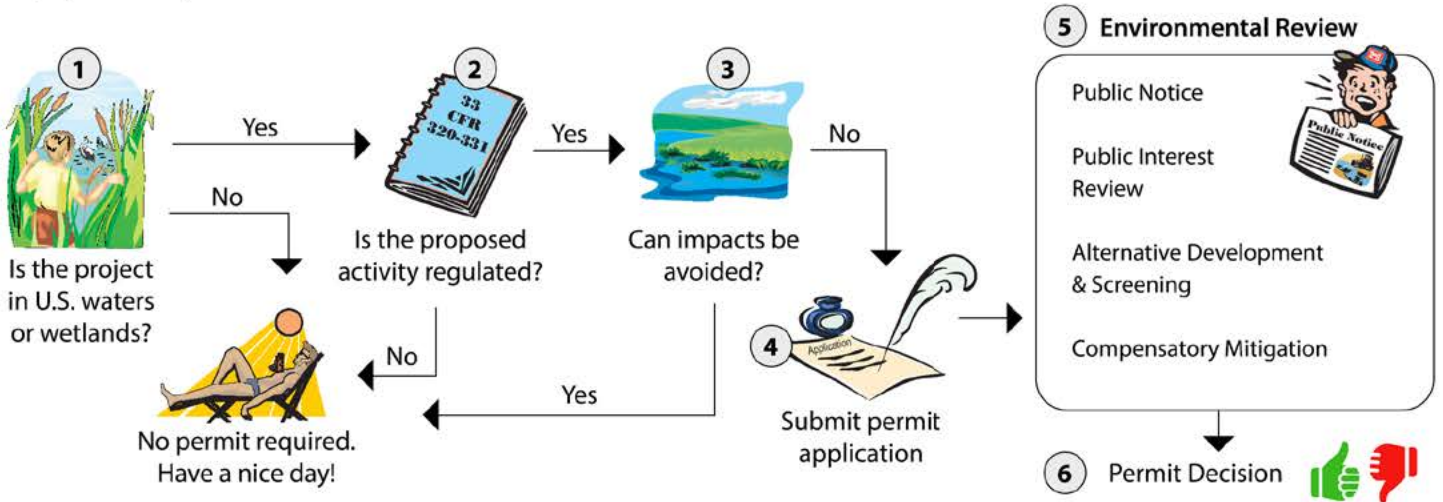
Residential, commercial, institutional or recreational developments



Excavation, filling, or other modifications to navigable waters and adjacent wetlands

PERMIT PROCESS

*The following flowchart only shows the basic steps for a standard individual permit. The process and steps may vary depending on the type of permit and size of the project or activity.



SACRAMENTO DISTRICT PROGRAM SUMMARY



Operates 4 offices across 3 states



Employs 46 project managers with expertise in natural sciences



Issued 556 permits in FY2021

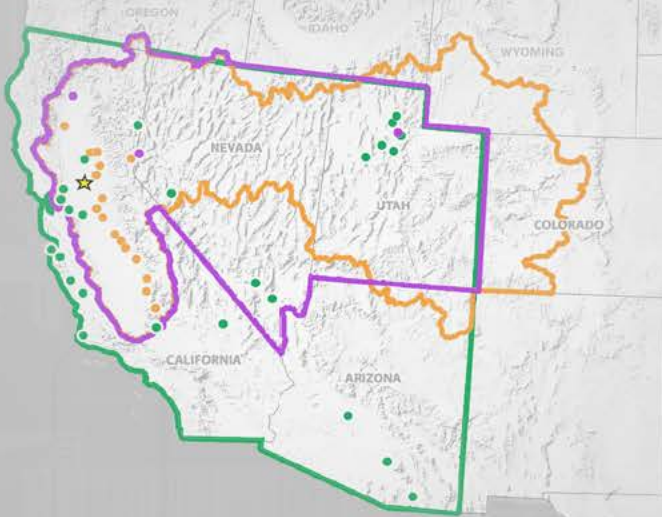


www.spk.usace.army.mil/missions/regulatory



**U.S. Army Corps
of Engineers**
Sacramento District

TEAM & CAREERS



290,000 Square Mile Area of Responsibility

- Civil Works and Military Construction Boundaries
- Military Design Boundaries
- Regulatory Boundaries

Jobs and Missions Supporting 8 Western States

- ★ Headquarters in Sacramento, California
- Civil Works Project Offices
- Military Installations Support
- Regulatory Field Offices in California, Nevada, Utah

Divisions and Job Types*

*Jobs listed below are not exclusive to one division and do not include all available positions. Visit www.usace.usajobs.gov for complete list of opportunities.

PROGRAM AND PROJECT MANAGEMENT

- Budget Analyst
- Civil Program Manager
- Intern
- Military Program Manager
- Project Manager
- Project Scheduler



PLANNING

- Archaeologist
- Botanist
- Economist
- Environmental Planner
- Landscape Architect
- Outdoor Recreation Planner
- Urban Planner



ENGINEERING

- Civil Engineer
- Cost Engineer
- Electrical Engineer
- Environmental Engineer
- Geologist
- Geotechnical Engineer
- Hydraulic Engineer
- Mechanical Engineer
- Structural Engineer
- Technical Lead



OPERATIONS

- Emergency Management Specialist
- Maintenance Worker
- Natural Resource Manager/Park Ranger

CONSTRUCTION

- Construction Inspector
- Construction Management/Project Engineer



REGULATORY

- Biologist
- Regulatory Project Manager



REAL ESTATE

- Realty Specialist

CONTRACTING

- Contract Specialist



OFFICE OF COUNSEL

- Attorney
- Accountant

RESOURCE MANAGEMENT

- Administrative
- Financial Manager
- Program Analyst



**Also available: student internships, summer jobs, local internships and Department of the Army internships.*



SPK.USACE.ARMY.MIL/CAREERS



DIRECTORY

District Leadership

Strategic direction and vision to provide innovative and enduring engineering solutions to the nation.



Col. James Handura
District Commander



Lt. Col. Dianna Lively
Deputy District Commander



Ms. Tambour Eller
Deputy District Engineer
for Project Management



Ms. Alicia Kirchner
Chief, Planning



Mr. Rick Poeppelman
Chief, Engineering



Mr. Randy Olsen
Chief, Operations



Mr. Steve Gladwell
Chief, Construction



Mr. Greg Hucks
Chief, Dam Safety Production Center



Mr. Adam Olson
Chief, Real Estate



Mr. Mike Jewell
Chief, Regulatory



Ms. Colette Carrizales
Chief, Contracting



Mr. Al Faustino
District Counsel



Mr. Andra Homer
Chief, Resource Management



DIRECTORY

Office Contacts

SOUTH PACIFIC DIVISION

Phillip Burton Federal Bldg
P.O. Box 36023
450 Golden Gate Ave.
San Francisco, CA 94102
415-503-6503



Sacramento District
1325 J Street,
Sacramento, CA 95814
916-557-5100

San Francisco District
450 Golden Gate Ave, 4th Floor
San Francisco, CA 94102
415-503-6708

Los Angeles District
915 Wilshire Blvd
Los Angeles, CA 90017
213-452-3333

Albuquerque District
4101 Jefferson Plaza NE
Albuquerque, NM 87109
505-342-3100

Base Realignment & Closure (BRAC) Environmental Restoration	(916) 557-7450
Contracting (Bids, Jobs, etc.)	(916) 557-5137
Dam Safety & Maintenance	(916) 557-5100
Executive Office	(916) 557-7490
Emergency Management	(916) 557-6911
Employment Opportunities / Human Resources / Personnel Office	(916) 557-5394
Engineering Division	(916) 557-5300
Equal Employment Opportunity	(916) 557-6904
cespk-de-o@usace.army.mil	
Flood or Levee Emergency (State / Local)	State-Federal Flood Operations Center (916) 574-2619 or Department of Water Resources: (916) 574-4233
Flood Insurance Maps – Federal Emergency Management Agency (FEMA)	(877) 336-2627



DIRECTORY

Office Contacts

Formerly Used Defense Sites (FUDS)	(916) 557-6796
Freedom of Information Act	(916) 557-7596
ID Cards for Dependents / Military Retirees	(916)-854-3277
(offered through California National Guard)	
Internships	(916) 557-5149
Levees – Construction on or Near a Levee (Central Valley Flood Protection Board)	(916) 574-0609
Levees – General Questions	(916) 557-5100
Levee Permits (Federal)	(916) 557-6898
Military Servicemembers – General Questions	(800) 342-9647
www.militaryonesource.mil	
Office of Counsel	(916) 557-5290
Planning Division	(916) 557-7319
Project Management - Civil Works	(916) 557-7014
Project Management - Military	(916) 557-6994
Public Affairs Office	(916) 557-5100
spk-pao@usace.army.mil	
Real Estate	(916) 557-6800
Recreation	(916) 557-5283
Black Butte Lake	(530) 865-4781
19225 Newville Road, Orland, CA 95963-8901 blackbutte-info@usace.army.mil	
Eastman Lake	(559) 689-3255
P.O. Box 67, Raymond, CA 93653-0067 eastman-info@usace.army.mil	
Englebright Lake	(530) 432-6427
PO Box 6, Smartville, CA 95977-0006 englebright-info@usace.army.mil	
Hensley Lake	(559) 673-5151
P.O. Box 85, Raymond, CA 93653-0085 hensley-info@usace.army.mil	
Lake Kaweah	Visitor Center: (559) 597-2005 / Office: (559) 597-2301
P.O. Box 44270, Lemon Cove, CA 93244-4270 kaweah-info@usace.army.mil	
Martis Creek Lake	April – Nov.: (530) 587-8113 / Dec. – March: (530) 432-6427
P.O. Box 2344, 11989 Martis Dam Road, Truckee, CA 96160 martis-info@usace.army.mil	
New Hogan Lake	(209) 772-1343
2713 Hogan Dam Road, Valley Springs, CA 95252 newhogan-info@usace.army.mil	



DIRECTORY

Office Contacts

Pine Flat Lake	(559) 787-2589
P.O. Box 117, Piedra, CA 93649-0117 pineflat-info@usace.army.mil	
Stanislaus River Parks	(209) 881-3517
17968 Covered Bridge Road, Oakdale, CA 95361-9510 stanislaus-info@usace.army.mil	
Success Lake	Information: (559) 783-9200 / Park Office: (559) 784-0215
P.O. Box 1072, Porterville, CA 93258 success-info@spk.usace.army.mil	
Regulatory	(916) 557-5250
1325 J Street, Room 1350, Sacramento, CA 95814 cespk-regulatory-info@usace.army.mil	
Bountiful Field Office	(801) 295-8380
533 West 2600 South, Suite 150, Bountiful, UT, 84010-7744	
Redding Field Office	(530) 223-9534
310 Hemsted Ave, Suite 310, Redding, CA 96002-0935	
Reno Field Office	(775) 784-5304
300 Booth Street, Room 3050, Reno, NV 89509-1328	
Resource Management	(916) 557-7947
Small Business Opportunities	(916) 557-7641
Tribal Nations Program	(970) 243-1199 ext. 15
SPKTribalPrograms@usace.army.mil	
Water Management	(916) 557-7111

Public Affairs Office
Sacramento District
U.S. Army Corps of Engineers
1325 J Street
Sacramento, CA 95814-2922



*Kern River near Pine
Flat Dam, California.*