



U.S. Army Corps
of Engineers®

BLUEPRINT

Your Guide to the Sacramento District



U.S. ARMY®



2018

*3D rendering of the proposed
new Isabella Dam emergency
spillway and labyrinth weir.*

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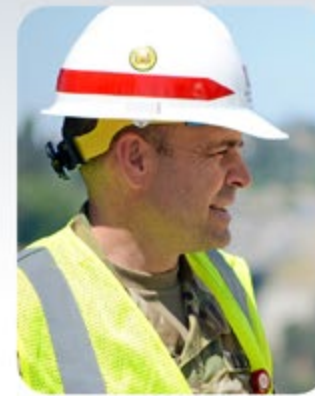


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2018

INTRODUCTION



We continue to be asked to do more for our Nation. What an extraordinary set of challenges and opportunities the Sacramento District has seen over the last year. We've responded to an unprecedented number of disasters, helping Americans rebuild after hurricanes and wildfires. Additionally, last year marked the completion of one mega project, the Folsom Dam Auxiliary Spillway, and in 2018 we start construction on another, the Isabella Lake Dam Safety Modification Project.

The importance and need for these public flood risk reduction projects has further been underscored by last year's flooding following the record drought and also the state-level

infrastructure challenges in California.

Rest assured, we at the Corps always place the safety and security of our Nation first and will continue *Building Strong!*

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

Col. David Ray
Sacramento District Commander



Learn more about our mission at [YouTube /SacramentoDistrict](https://www.youtube.com/channel/UCv8v8v8v8v8v8v8v8v8v8v8)

Sacramento District Blueprint

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Sacramento District
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CONTENTS:

Sacramento District projects and offices map image, 2018. Illustration by John Prettyman.
News highlights image, 2018. Graphic by John Prettyman.
F-35 jet hangar, Hill Air Force Base, Utah, Oct. 29, 2015. Photo by Chase Hughes, Creative Times Inc.
Levee repair, San Joaquin River, California, Feb. 23, 2017. Photo by Luke Burns.
Deployable Tactical Operations System and wildfires, 2018. Illustration by John Prettyman.
Warrior on the lake fishing day, Pine Flat Lake, California, May 14, 2016. Photo by Luke Burns.
Wetlands tour, San Juan Mountains, Colorado, July 19, 2015. Photo by Dana Price.
Leadership development program ropes course, Sacramento, California, Jan. 21, 2016. Photo by Kevin Vestal.
Industry day, Military Ocean Terminal Concord, California, Nov. 11, 2016. Photo by Paul Bruton.

INTRODUCTION:

Col. David Ray at Folsom, California, May 18, 2016. Photo by Rick Brown.
Folsom Dam auxiliary spillway, Folsom, California, June 1, 2016. Aerial photo by Kiewit Co.

BACK COVER: Kids fishing day, Hensley Lake, California, April 22, 2017. Photo by Paul Bruton.

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

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



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

2018



SACRAMENTO DISTRICT PROJECTS AND OFFICES

spk.usace.army.mil/media/blueprint

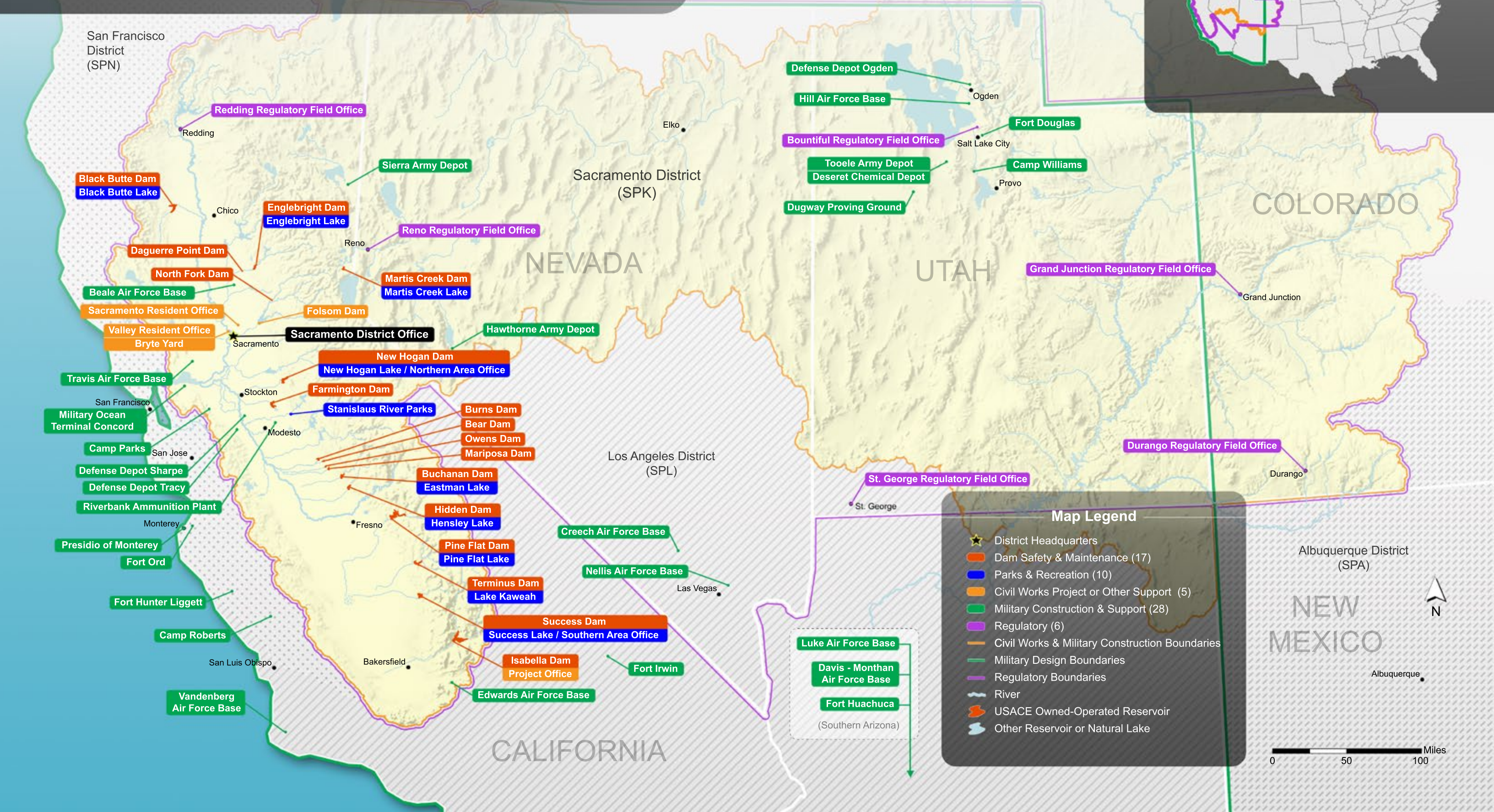


Facts & Figures

(as of March 2018)

- 2nd largest district geographically in the United States
- 290,000 square mile area of responsibility
- Serving 8 western states
- Approximately 1,000 civilian and military employees

Overview Map



0 50 100 Miles

NEWS HIGHLIGHTS

by popularity*

*based on Facebook posts' reach from Jan. 1, 2017 to March 1, 2018.



1 **WOW! First look at water flowing through the Folsom Dam Spillway** (May 2017)
This test release was with just one of the six gates open.



2 **Helping our state partners during the Oroville Dam emergency** (Jan. 2017)
Geology and engineering experts from our district were part of the assessment team.



3 **Building the Folsom Dam Auxiliary Spillway** (Aug. 2017)
The new spillway project is complete! We've been documenting our progress on the spillway since we took over in 2011.



4 **High water flows over North Fork Dam** (Jan. 2017)
The dam above Auburn, California was a sight to behold. We built it back in 1939 to catch Gold Rush mining debris.



5 **Northern California Wildfire Response** (Jan. 2018)
We've been given the mission to remove fire debris in Sonoma, Napa, Lake, and Mendocino counties.



6 **Folsom Dam construction 63 years ago** (April 2017)
Folsom Dam, completed in 1955, will get extra help from the new spillway we've built nearby, reducing the region's flood risk.



7 **Construction can now start on one of the most at-risk dams in the nation** (Sept. 2017)
We awarded a \$204 million contract to begin work on Isabella Dam modifications.



8 **Kid's Fishing Day** (April 2017)
This popular event is free and open to children 15 years and under. Bring your kids and show them the vast natural beauty California has to offer.



9 **We do more than dams and levees. Get up to speed...** (March 2017)
We've just updated our mission video to give you the latest info about all we do to provide engineering solutions for our nation.



10 **Bring Your Kids to Work Day** (April 2017)
Our kids learned how careers in science, technology, engineering or math help the nation, and also answered some tough questions on camera.

Visit spk.usace.army.mil for more news








MILITARY CONSTRUCTION



Authorized Projects and Construction

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

The following list shows only some of the current 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)	Common Mission Control Center - 83,000 sq. ft. intelligence and surveillance facility.	Construction ongoing. Scheduled completion late 2018.
	Fort Hunter Liggett (CA)	5MW photovoltaic system, 3MW battery storage - helps installation get to net zero energy by 2020.	Awarding construction contract in 2018. Scheduled completion 2019.
	Hill Air Force Base (UT)	F-35A hangar 40/42 additions - facility to maintain and service new fighter jets.	Construction ongoing. Scheduled completion 2019.
	Military Ocean Terminal Concord (CA)	Pier 2 repairs - modernize and restore port's ability to distribute and ship ammunition for U.S. forces.	Awarding construction contract in 2018. Scheduled completion 2021.
	Sierra Army Depot (CA)	Repairs and improvements to 20 buildings - maintain post's ability to provide logistics support to the U.S. Army and Soldiers.	Construction ongoing. Scheduled completion 2019.



CONTRACT WITH US

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



BUILDING STRONG FOR OUR VETERANS

Past, present and future facilities

Salt Lake City and Grand Junction photos by Carlos Lazo.
Other photos courtesy Department of Veterans Affairs.

The U.S. Army Corps of Engineers Sacramento District has the great privilege of working with the Department of Veterans Affairs to build medical facilities that serve our veterans. We provide project management and construction management support in Northern California and portions of Nevada, Utah and Colorado.

The Veterans Affairs facilities in Northern California alone serve an area of more than 377,700 veterans dispersed over a wide geographic area of approximately 40,000 square miles.

The graphics below provide a general overview of some of our major past, present and future planned VA projects.



Alameda Point
112-acre outpatient clinic, columbarium and administrative offices. Expected completion 2024.



Livermore Realignment & Closure
Outpatient clinic, utility plant and logistics building in Stockton. Outpatient clinic and utility plant in Fremont. Specialty procedure center in Palo Alto. Expected completion 2022.



Reno Clinical Expansion
Building 1 seismic, life safety and infrastructure upgrades. New building 100 treatment facility. Expected completion 2021.



Salt Lake City
New outpatient mental health clinic, part of the George E. Wahlen Department of Veterans Affairs Medical Center. Completed 2011.









Grand Junction
New 30,000-square-foot surgery floor addition to the existing medical center. Completed 2012.

CIVIL WORKS

Authorized Projects and Construction




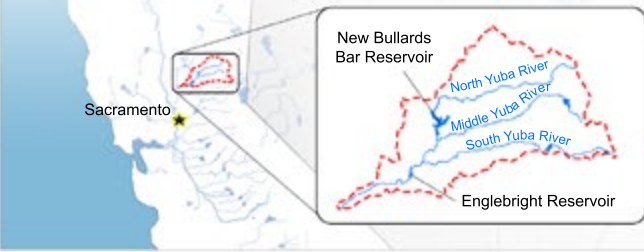
The following list shows only some of the current civil works projects. Information about other past, ongoing or future projects can be obtained by contacting (916) 557-5100. Project data contain best estimates and are subject to change based on yearly appropriations.

	Title	Primary Work	Current Progress												
	Hamilton City Levees & Ecosystem Restoration	7 miles of levee improvements & ecosystem restoration.	Levee construction scheduled completion 2020. Ecosystem restoration scheduled completion 2024.												
	Isabella Dam Safety Modification	Raise main & auxiliary dams 16 feet, new spillway.	Relocation and construction of USACE/USFS facilities underway. Phase II construction start 2018. Scheduled completion 2022.												
<div><p><i>Ribbon cutting ceremony for the new Kern River Ranger Station, Kernville, California, Nov. 1, 2017. Photo by Paul Bruton.</i></p></div> <div>PROJECT MILESTONES</div> <table><tr><td>July 2017</td><td>Corps field office complete.</td></tr><tr><td>Sept. 2017</td><td>Phase II contract award.</td></tr><tr><td>Oct. 2017</td><td>U.S. Forest Service administrative building and warehouse complete.</td></tr><tr><td>Oct. 2017</td><td>USFS fire station complete.</td></tr><tr><td>Nov. 2017</td><td>French Gulch Boat Launch begins.</td></tr><tr><td>Spring 2018</td><td>Phase II groundbreaking.</td></tr></table>				July 2017	Corps field office complete.	Sept. 2017	Phase II contract award.	Oct. 2017	U.S. Forest Service administrative building and warehouse complete.	Oct. 2017	USFS fire station complete.	Nov. 2017	French Gulch Boat Launch begins.	Spring 2018	Phase II groundbreaking.
July 2017	Corps field office complete.														
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Oct. 2017	U.S. Forest Service administrative building and warehouse complete.														
Oct. 2017	USFS fire station complete.														
Nov. 2017	French Gulch Boat Launch begins.														
Spring 2018	Phase II groundbreaking.														
	Marysville Ring Levee (Yuba River Basin)	5 miles of levee improvements.	Levee construction underway. Scheduled completion 2025.												
	Natomas Basin Levees (American River Common Features)	24 miles of levee improvements.	Planned construction start 2018. Scheduled completion 2025.												
	Sacramento River Bank Protection	2,200 linear feet of levee erosion repairs.	Finalizing project designs and award construction contracts. Planned construction start 2020.												

CIVIL WORKS

Project Feasibility Studies

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

	Title	Proposed Work	Current Progress	Scheduled Chief's Report
	Delta Islands & Levees	Ecosystem restoration, create 340 acres of shallow water habitat.	Completing Final Report.	2018
	Lower San Joaquin River	Reduce flood risk by improving 24 miles of levees.	Completing Chief's Report.	2018
	Yuba River Ecosystem Restoration	Aquatic ecosystem restoration.	Draft Feasibility Report released Feb. 2018. Public review ended March 2018.	2019
<div><div>PROJECT STUDY AREA YUBA RIVER WATERSHED<ul style="list-style-type: none">• 1,340 square miles• 178 acres of proposed aquatic/riparian habitat restoration• Watershed includes two Corps-owned dams (Englebright and Daguerre Point)</div></div>				

Visit usace.army.mil/Missions/Civil-Works/Project-Planning/ to learn more

EMERGENCY OPERATIONS | LEVEE REHABILITATION

Record precipitation and high water in 2017 damaged levees throughout California's Sacramento and San Joaquin River Basins. The Sacramento District is repairing damaged sites that are eligible for rehabilitation under Public Law 84-99. Here's a summary of our response to date:

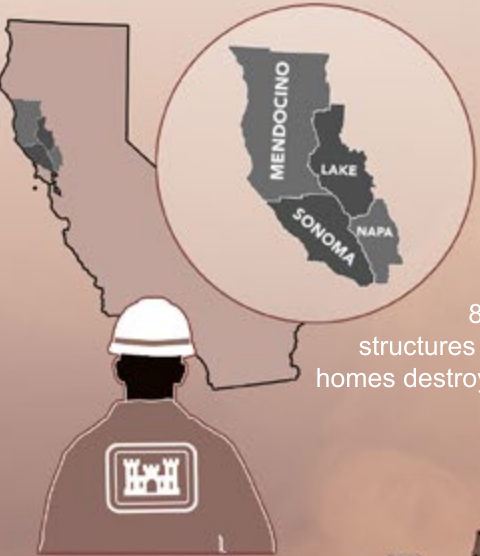
- 50 damaged sites eligible for repair
- 15 highest risk sites repaired in 2017
- All repairs expected to be complete in 2019
- Sites spread across 14,400 square miles
- Over 180 employees support mission

EMERGENCY OPERATIONS

Army Corps leads debris removal after devastating Northern California wildfires

The U.S. Army Corps of Engineers is working under the direction of the Federal Emergency Management Agency and in partnership with the California Governor's Office of Emergency Services to respond to the devastating Northern California wildfires, which began in October 2017. Our number one priority continues to be the life, health and safety of all who are affected by the fires.

AREA IMPACTED



8900 structures and homes destroyed.



A before and after comparison of debris removal shows progress on a property in Santa Rosa, California. Final steps on many properties will include hydro-seeding, final inspection and clearance for the owner to rebuild. Photos by Rick Brown.

PERSONNEL

Over 275 Sacramento District employees deployed.



DEBRIS REMOVAL STATS

Nearly 2 million tons of debris is expected to be removed (equal to the weight of about 2 Golden Gate bridges).



Corps' contractors remove debris in Lake County, California, Jan. 7, 2018. Photo by Carol Vernon.



PARKS & RECREATION

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



Water Safety Tips



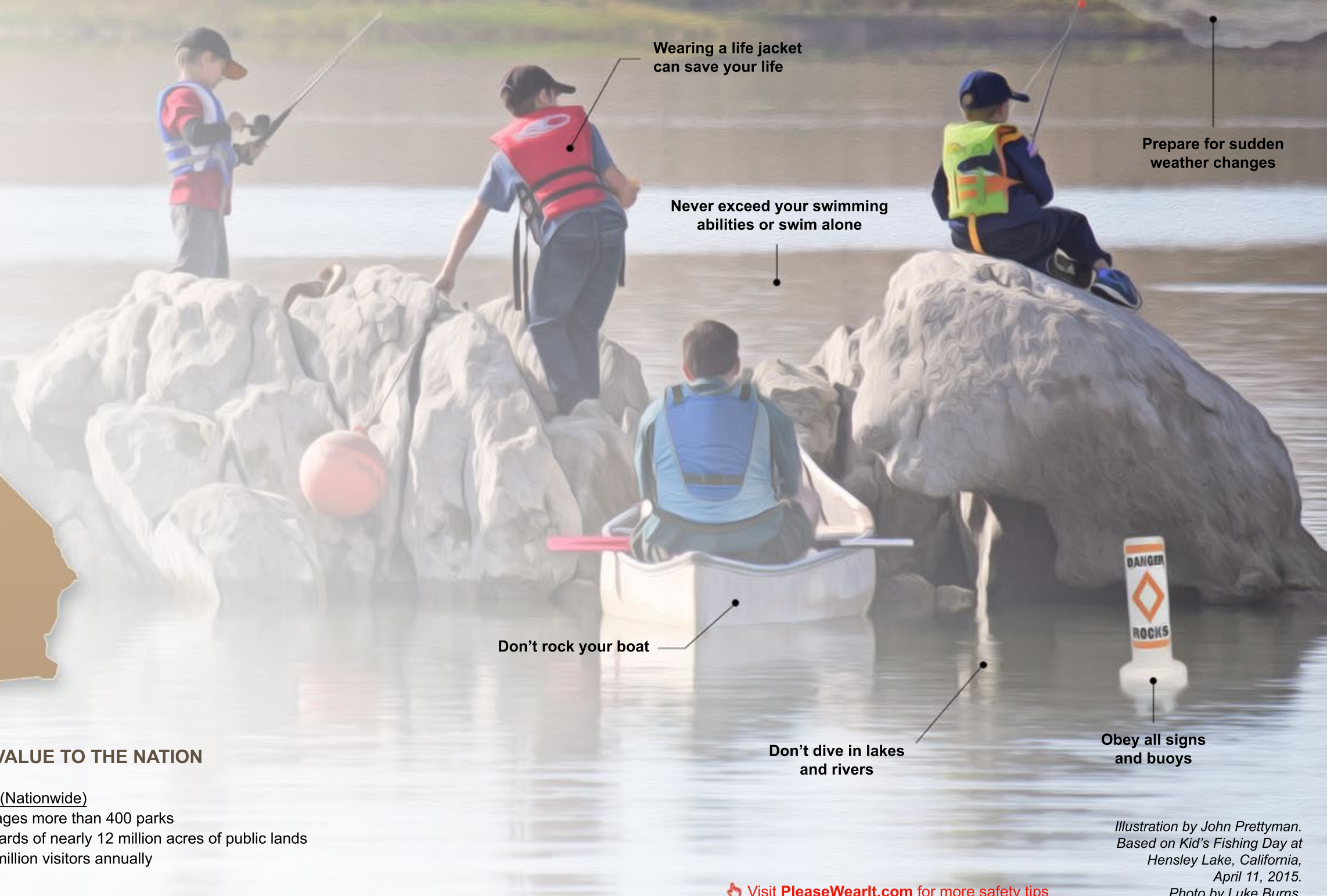
OUR PARKS AT A GLANCE & THEIR VALUE TO THE NATION

Sacramento District (California's Central Valley)

- Manages 10 parks
- Stewards of 45,266 acres of public lands
- 2.5 million visitors annually

Corps (Nationwide)

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



Wearing a life jacket
can save your life

Never exceed your swimming
abilities or swim alone

Prepare for sudden
weather changes

Don't rock your boat

Don't dive in lakes
and rivers

Obey all signs
and buoys

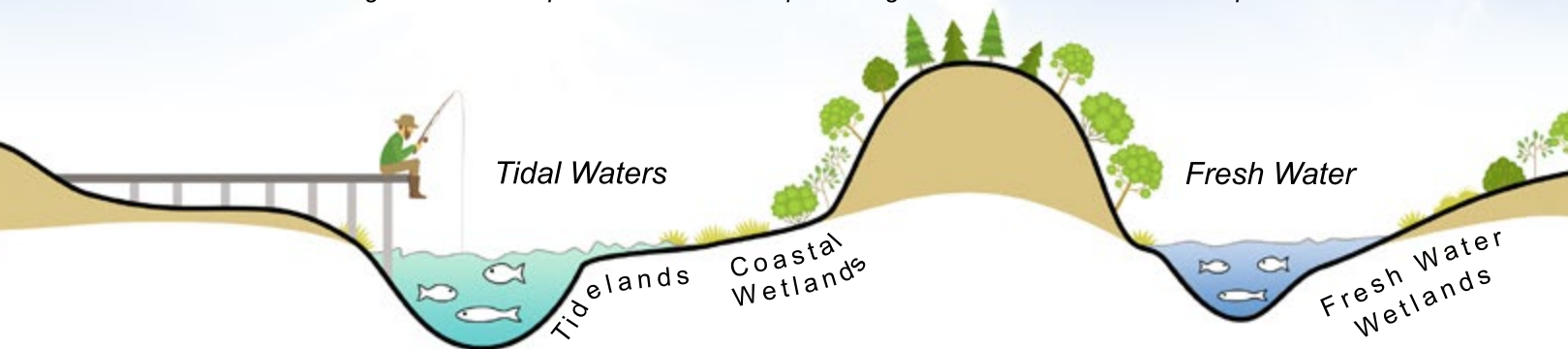
Visit [PleaseWearIt.com](https://www.usace.army.mil/PleaseWearIt.com) for more safety tips

Illustration by John Prettyman.
Based on Kid's Fishing Day at
Hensley Lake, California,
April 11, 2015.
Photo by Luke Burns.



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



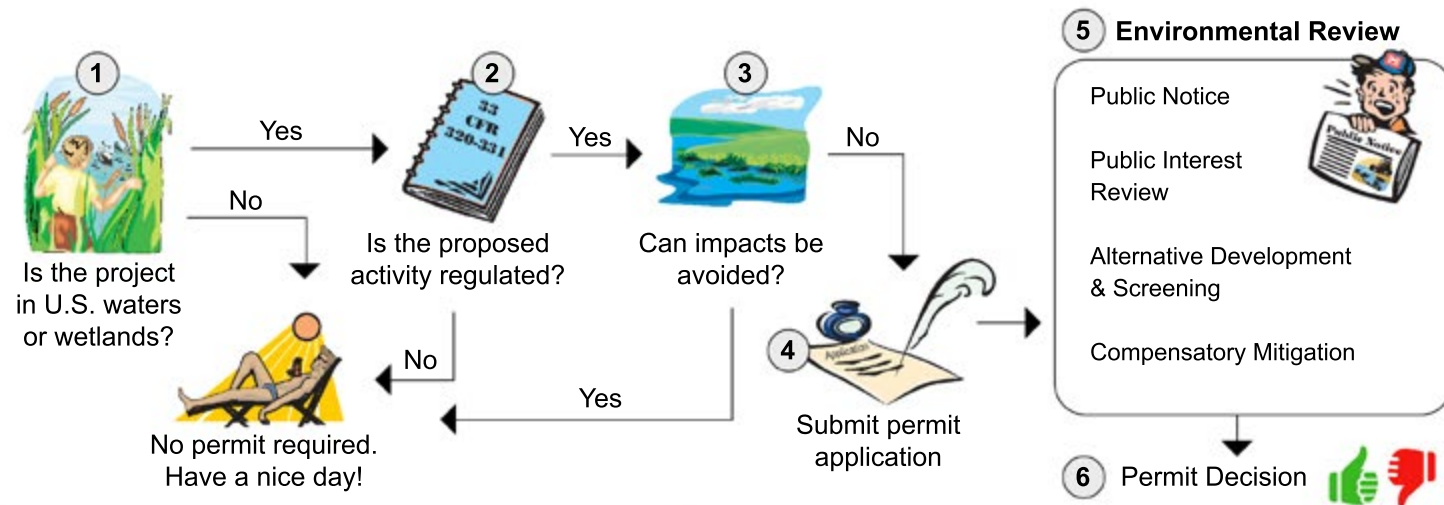
Residential, commercial, institutional or recreational developments



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 6 field offices across 4 states



Employs 59 project managers with expertise in natural sciences



Issued 806 permits in FY2016 and 1,113 in FY2017

Visit spk.usace.army.mil/missions/regulatory for more info

OUR PEOPLE & CAREERS

Join the team that's building the Nation's future!



We need people in all these jobs and more:

Accountant	Engineer	Manager
Archaeologist	• Hydraulic	• Project
Biologist	• Mechanical	Real Estate
Botanist	• Structural	Specialist
Construction Inspector	Geologist	Regulator
Contract Specialist	Landscape Architect	Planner
Economist	Lawyer	• Environmental
Engineer	Manager	• Outdoor Recreation
• Civil	• Construction	• Urban
• Electrical	• Financial	
• Environmental	• Natural Resource	

Leadership Development Program

"A formula for leadership growth."

The Leadership Development Program (LDP) is a U.S. Army Corps of Engineers-funded program that teaches employees new skills to help them grow, succeed and tackle real workplace challenges at all levels. The program consists of three tiers.

TIER 1

Offers employees an introductory opportunity to "test the waters" of USACE leadership development. Participants will gain self-awareness and learn skills to improve personal and professional relationships and productivity.

Duration: Approx. 5 months

An LDP Tier 1 participant climbs a rope course during an offsite team building event, Jan. 21, 2016. Photo by Kevin Vestal.

TIER 2

Participants research and lead discussions on leadership topics including communication, conflict, change, decision-making, and others. They practice these skills inside and outside the classroom, and while working on a special project for the district throughout the program.

Duration: Approx. 9 months

LDP Tier 2 graduates, June 22, 2016. Photo by Kevin Vestal.

TIER 3

Challenges participants to lead teams, work groups, or sections at the regional and national level. Participants manage a long-term project to improve the organization after they graduate.

Duration: Approx. 2 years

LDP Tier 3 graduates, Oct. 25, 2017. Photo by Kevin Vestal.

DIRECTORY

District Leadership

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



Col. David Ray
District Commander



Lt. Col. John Lory
Deputy District Commander



Ms. Tambour Eller
Deputy District Engineer
for Project Management



Ms. Alicia Kirchner
Chief, Planning



Mr. Rick Poeppelman
Chief, Engineering



Mr. Norbert Suter
Chief, Construction-Operations



Ms. Linda Finley
Chief, Mega Projects Center



Ms. Lisa Ng
Acting Chief, Real Estate



Mr. Michael Jewell
Chief, Regulatory



Ms. Susan Yarbrough
Chief, Contracting



Mr. Al Faustino
District Counsel



Mr. Mark Young
Chief, Resource Management

DIRECTORY

Office Contacts

Sacramento District Headquarters – Public and media inquiries (916) 557-5100
1325 J Street, Sacramento, CA 95814 spk-pao@usace.army.mil

Base Realignment & Closure (BRAC) Environmental Restoration (916) 557-7658

Civil Works – Project Management (916) 557-7274

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 (916) 557-5336

Engineering Division (916) 557-5300

Engineering Division -- Quality System (916) 557-7296

Environmental – Planning (916) 557-6700

Equal Employment Opportunity (916) 557-6904
cespk-de-o@usace.army.mil

Flood 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

Formerly Used Defense Sites (FUDS) (916) 557-7658

Freedom of Information Act (916) 557-5290

General Questions (916) 557-5100

Human Resources / Personnel Office (916) 557-5336

ID Cards for Dependents / Military Retirees (916)-854-3277
(offered through California National Guard)

Internships (916) 557-5149

Levees – General Questions (916) 557-5100





DIRECTORY

Office Contacts

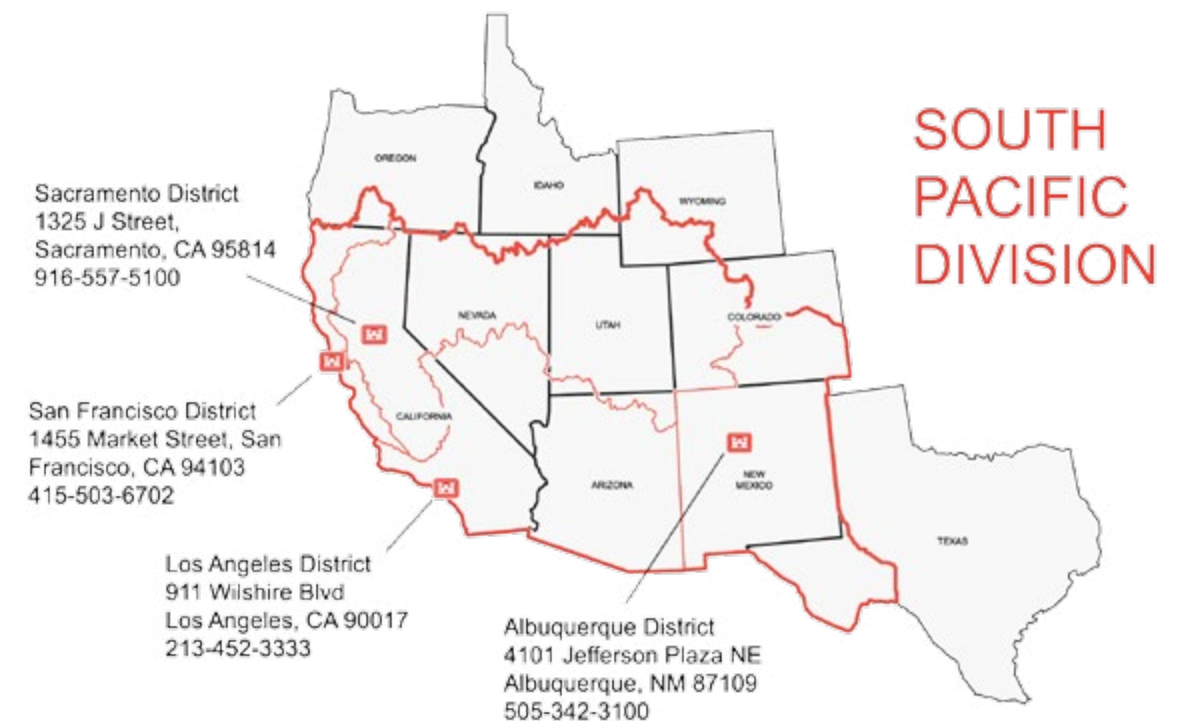
Levee Permits (Federal)	(916) 557-6898
Levee Emergency (State / Local)	State-Federal Flood Operations Center (916) 574-2619 or Department of Water Resources: (916) 574-4233
Military – Project Management	(916) 557-7658
Military Servicemembers – General Questions	(800) 342-9647 www.militaryonesource.mil
Office of Counsel	(916) 557-5290
Parks & Recreation	(916) 557-5281
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
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
Planning Division	(916) 557-6700
Project Management - Civil Works	(916) 557-7274
Project Management - Military	(916) 557-7658
Public Affairs Office	(916) 557-5100
Real Estate	(916) 557-6800



DIRECTORY

Office Contacts

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
Durango Field Office	(970) 259-1604 1970 E. 3rd Ave, Suite 109, Durango, CO 81301-5793
Grand Junction Field Office	(970) 243-1199 400 Rood Ave, Room 224
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
St. George Field Office	(435) 986-3979 196 E. Tabernacle St., Ste 30, St. George, UT 84770-3474
Small Business Opportunities	(916) 557-7641
Tribal Nations Program	(970) 243-1199 ext. 15 SPKTribalPrograms@usace.army.mil
Water Management	(916) 557-7111
Wetlands Permits	(916) 557-5250



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