CONTENTS

PROJECTS AND OFFICES MAP 3

NEWS HIGHLIGHTS 5

MILITARY CONSTRUCTION 6
Overview: Authorized projects & construction
Feature: Corps projects bring Tooele Army Depot closer to net zero by 2020

CIVIL WORKS 8
Overview: Authorized projects & construction
Overview: Project feasibility studies
Feature: Managing flood releases at Corps dams and reservoirs

PARKS & RECREATION 11
Corps now included in America the Beautiful interagency pass

REGULATORY 13

OUR PEOPLE & CAREERS 14
Employee profiles

DIRECTORY 15
Our leadership
Office contacts
INTRODUCTION

It's my honor as the commander of the U.S. Army Corps of Engineers Sacramento District to introduce our re-envisioned magazine. If I had to sum it up in one sentence - this is your one-stop guide for finding the most current projects and contact information for our civil works, military, environmental and recreation missions and more.

We have one of the largest districts in the Corps with operations that extend across all or part of eight western states, so we are providing a "Blueprint" to help you find the info you need.

We continually strive to improve the way we communicate and make information accessible to you - our customers, partners and employees.

If you still can't find what you're looking for or 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 /SacramentoDistrict

Sacramento District Blueprint
Published by the Public Affairs Office
U.S. Army Corps of Engineers
Sacramento District
1325 J. St.
Sacramento, CA 95814
916-557-5100
spk-pao@usace.army.mil

COVER: Aerial of the Folsom Dam auxiliary spillway project, Folsom, California, June 1, 2016. Photo by Kiewit Co.
CONTENTS: (Top to bottom)
Sacramento District projects and offices map image, 2016. Graphic by John Prettyman.
Napa dry bypass and flood risk reduction system, Napa, California, Aug. 4, 2015. Photo by Tyler Stalker.
Kid's fishing day, Hensley Lake, California, April 11, 2015. Photo by Luke Burns.
Folsom Dam Joint Federal Project Phase IV team, Folsom, California, April 28, 2016. Photo by Rick Brown.
INTRODUCTION: Englebright Dam, California. Graphic courtesy Google Earth.

Publication authorized under the provisions of Army Regulation 360-1.
Sept. 2016
More than 1,000 people volunteer during National Public Lands Day at Sacramento District parks.

July 2016
First Isabella Lake Dam Safety Modification construction contract awarded for relocation of U.S. Forest Service fire station.

March 2016
Levee improvements along 22 miles of the American River help keep rivers at bay during wet start to March.

Nov. 2015
Monterey project team wins sustainability award for work on Defense Language Institute’s general instruction building.

Aug. 2015
Control structure completed at Folsom Dam auxiliary spillway project.

Aug. 2016
Project Partnership Agreement transitions Natomas Basin levee improvement project into the construction phase.

April 2016
Business Opportunity Open House attracts local businesses to learn about the Corps and how they can be a part of the team.

Dec. 2015
Civil Works Review Board approves American River Common Features General Reevaluation Report and West Sacramento GRR.

Oct. 2015
Yuba River feasibility study moves into public scoping phase.

Sept. 2015
$81 million awarded for Common Mission Control Center at Beale Air Force Base.

Visit spk.usace.army.mil for more news
From new hangars to energy-efficient homes, training facilities and infrastructure repairs, 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.

<table>
<thead>
<tr>
<th>Military Installation (State)</th>
<th>Project Title - Primary Purpose</th>
<th>Current Progress</th>
</tr>
</thead>
</table>
Just four years from now Utah’s Tooele Army Depot expects to produce as much energy as it consumes thanks to a growing network of renewable energy projects constructed by the U.S. Army Corps of Engineers Sacramento District.

The chart below provides details on each project and outlines Tooele’s path to net zero energy by 2020.

<table>
<thead>
<tr>
<th>Completion</th>
<th>Cost</th>
<th>Capacity</th>
<th>Size</th>
<th>Cumulative Power Generation: (Approx. percentage of installation need)</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 2010</td>
<td>$3.8M</td>
<td>1.5MW</td>
<td>262 ft. tall, 126 ft. long blades</td>
<td>30%</td>
</tr>
<tr>
<td>2016</td>
<td>$6.5M</td>
<td>1.8MW</td>
<td>266 ft. tall, 169 ft. long blades</td>
<td>60%</td>
</tr>
<tr>
<td>*2020</td>
<td>$10.7M</td>
<td>1.5MW</td>
<td>429 solar dishes, 15 acres</td>
<td>85%</td>
</tr>
<tr>
<td>*2020</td>
<td>$5.1M</td>
<td>1.2MW</td>
<td>-</td>
<td>100-105%</td>
</tr>
</tbody>
</table>

*Approximate scheduled completion
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.

<table>
<thead>
<tr>
<th>Title</th>
<th>Primary Work</th>
<th>Current Progress</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Folsom Dam Raise (American River Watershed)</strong></td>
<td>3.5 foot dam &amp; dikes raise, emergency gate upgrades.</td>
<td>Environmental review ongoing.</td>
</tr>
<tr>
<td><strong>Hamilton City Levees</strong></td>
<td>6.5 miles of levee improvements &amp; ecosystem restoration.</td>
<td>Levee construction underway. Scheduled completion Fiscal Year (FY) 19 - 21.</td>
</tr>
<tr>
<td><strong>Sacramento River Bank Protection</strong></td>
<td>3,500 linear feet of levee erosion repairs, wildlife habitat mitigation.</td>
<td>Finalize project designs and award construction contracts. Planned construction start 2017.</td>
</tr>
</tbody>
</table>
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.

### SMART Feasibility Study Process

<table>
<thead>
<tr>
<th>SCOPING</th>
<th>ALTERNATIVE FORMULATION &amp; ANALYSIS</th>
<th>FEASIBILITY-LEVEL ANALYSIS</th>
<th>CHIEF’S REPORT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alternatives Milestone</td>
<td>TSP Milestone</td>
<td>Civil Works Review Board</td>
<td>Chief’s Report</td>
</tr>
<tr>
<td>Vertical team concurrence on array of alternatives</td>
<td>Vertical team concurrence on tentatively selected plan</td>
<td>Release for state &amp; agency review</td>
<td></td>
</tr>
<tr>
<td>Agency Decision Milestone</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Agency endorsement of recommended plan</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Since February 2012, Corps feasibility studies have been guided by a revised approach that aims to limit the cost and time to produce a report. The SMART (Specific, Measurable, Attainable, Risk Informed and Timely) chart shows the main steps in the feasibility study process. Some complex studies may require additional time or funds but those are the exception rather than the rule.

Visit [usace.army.mil/Missions/Civil-Works/Project-Planning/](http://usace.army.mil/Missions/Civil-Works/Project-Planning/) to learn more
California finally caught a break from its record four year drought in early 2016 when a series of storms and precipitation helped replenish some of the state’s depleted reservoirs. In fact, agency water managers anticipated so much water and runoff at reservoirs like Folsom Lake that they made releases to reduce the risk of flooding and threat to public safety.

Knowing when to conserve water and release water can be a difficult balancing act. The U.S. Army Corps of Engineers Sacramento District has developed water control manuals in coordination with local, state and federal partners that provide climate and science-based guidelines on when to release water, typically when water levels reach the top of the conservation pool and enter the flood control storage space.

The graphic below shows water management guidelines for the 14 dams we manage in order to reduce flood risk in California’s Central Valley. Also shown is Folsom Dam, managed by the U.S. Bureau of Reclamation.

Visit spk-wc.usace.army.mil for water control data system
PARKS & RECREATION
Corps now included in America the Beautiful interagency pass

Accepted at all federal recreation areas, part of the National Parks & Federal Recreation Lands Pass Program

Types of passes: Annual Pass, Access Pass (Disabled), Senior Pass, Volunteer Pass, 4th Grade Pass and Military Pass

$80 purchase of Annual Pass gives you access to all federal parks

Expires one year after date of purchase

LIFETIME SENIOR PASS
62 years or older can buy a $10 lifetime Senior Pass

DISABLED VETS PASS
Disabled veterans get a free lifetime Access Pass

FREE FOR KIDS
Kids 15 years or younger free of charge

50% OFF
Senior and Access Pass holders receive 50% discount on Corps campsites

OUR PARKS AT A GLANCE & THEIR VALUE TO THE NATION

<table>
<thead>
<tr>
<th>Sacramento District (California’s Central Valley)</th>
<th>Corps (Nationwide)</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Manages 10 parks</td>
<td>• Manages 430 parks</td>
</tr>
<tr>
<td>• Stewards of 45,266 acres of public lands</td>
<td>• Stewards of nearly 12 million acres of public lands</td>
</tr>
<tr>
<td>• 2.5 million visitors annually</td>
<td>• 370 million visitors annually</td>
</tr>
</tbody>
</table>

*We are the nation’s No. 1 federal provider of outdoor recreation*

Visit recreation.gov to purchase your recreation pass or get more info

FALL 2016
It's always a good time of year to visit our parks and try out your new pass!

- **February**
  - Play a round of frisbee golf among the rolling hills and oak trees at Black Butte Lake

- **March**
  - Photograph the natural beauty of early wildflowers in the California foothills at Pine Flat Lake

- **April**
  - Bring the little ones to learn a new skill during Kid’s Fishing Day at Eastman Lake

- **May**
  - Take the family for a swim at Hensley Lake’s Buck Ridge Recreation Area

- **June**
  - Celebrate our nation’s independence early in gold country with fireworks over New Hogan Lake

- **July**
  - Enjoy a secluded getaway only accessible by boat at Englebright Lake’s campgrounds

- **August**
  - Watch the fish return from the ocean at Stanislaus River Park’s Salmon Festival

- **September**
  - Show your love for our parks by helping during National Public Land’s Day at Lake Kaweah

- **October**
  - Snowshoe among the Sierra Nevada in the alpine valleys at Martis Creek Lake

**Wear Your Life Jacket!**

Visit recreation.gov to purchase your recreation pass or get more info.
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

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.

1. Is the project in U.S. waters or wetlands?
   - Yes
   - No

2. Is the proposed activity regulated?
   - Yes
   - No

3. Can impacts be avoided?
   - Yes
   - No

4. Submit permit application

5. Environmental Review
   - Public Notice
   - Public Scoping
   - Alternative Development & Screening
   - Draft Environmental Impact Statement (EIS)
   - Final EIS

6. Permit Decision

SACRAMENTO DISTRICT PROGRAM SUMMARY

- Operates 6 field offices across 8 states
- Employs 42 project managers with expertise in natural sciences
- Issued 921 permits in FY2015 and 616 in FY2016 (as of July 2016)

Visit spk.usace.army.mil/missions/regulatory for more info
Join the team that’s building the Nation’s future!

Search:
spk.usace.army.mil/careers

Apply:
usace.usajobs.gov

We need people in all these jobs and more:

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

Employee profiles

Sara Schultz Water Resources Planner

- Time with the Corps: 18 years
- Specialties: Planning, ecosystem restoration
- Degrees: Bachelors art history; Masters landscape architecture

As a “generalist” working amid a building full of technical specialists, Sara Schultz has capitalized on her personal perspective to become a highly successful planner for the U.S. Army Corps of Engineers Sacramento District.

Her interest in ecosystem restoration led her to take a position with the Corps in 1998, and ecosystem restoration became a focal point in the aftermath of severe flooding throughout California.

Schultz was assigned to a massive watershed study of the Sacramento and San Joaquin rivers, referred to as the Comprehensive Study.

Jonathan Whipple Environmental Chemist Intern

- Time with the Corps: 2 years
- Specialties: Environmental chemistry, aviation electronics
- Degree: Bachelors environmental chemistry

A job centered on nature, chemistry and electronics – it feels like everything has come together perfectly for Jonathan Whipple, currently interning as an environmental chemist with the U.S. Army Corps of Engineers Sacramento District.

“I enjoy the variety of assignments in the Corps and the great folks I work with every day in Sacramento,” says Whipple, noting his time is pretty evenly split between office and field duties.

He’s even had the opportunity to use his electronic skills to help maintain monitoring devices inside one of Sacramento District’s dams.
“Strategic direction and vision to provide innovative and enduring engineering solutions to the nation.”
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) 557-7117

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 (offered through California National Guard) ................................................. (916)-854-3277

Internships ................................................. (916) 557-5149

Levees – General Questions ................................................. (916) 557-5100

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 ............................................................... (559) 597-2005 / Office: (559) 597-2301
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
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) 557-7117

Project Management - Military ........................................... (916) 557-7658

Public Affairs Office ........................................................ (916) 557-5100

Real Estate ........................................................................ (916) 557-6800

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
DIRECTORY
Office contacts

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
SPKTribo@usace.army.mil

Water Management ............................................................... (916) 557-7111
Wetlands Permits ................................................................. (916) 557-5250

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

San Francisco District
1455 Market Street, San
Francisco, CA 94103
415-503-6804

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

Albuquerque District
4101 Jefferson Plaza NE
Albuquerque, NM 87109
505-342-3171