

Presentation to the Delta Protection Commission

Division of Flood Management
California Department of Water Resources



October 20, 2016

Today's Presentation

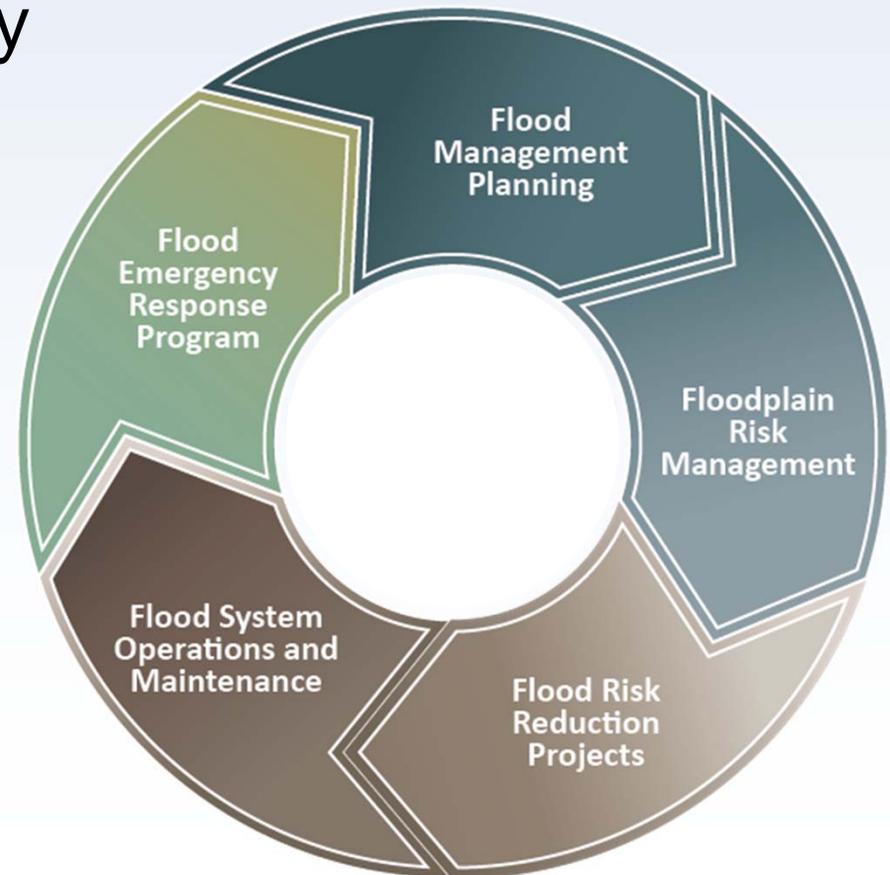
- Overview: DWR Division of Flood Management

- Updates:
 - Small Communities Flood Risk Reduction Program Updates
 - Delta Flood Emergency Preparedness, Response, and Recovery Program
 - Water Resources Development Act (WRDA) 2016



Division of Flood Management

- Comprehensive flood management is a key component of DWR's Integrated Water Management Strategy
- Five division Functional Areas



Small Communities Flood Risk Reduction Program

- Created as a result of 2012 Central Valley Flood Protection Plan (CVFPP)
- Local/State cost-shared small community assistance program
- Reduces flood risk for small communities in the Central Valley protected by State Plan of Flood Control (SPFC) facilities
- Supports continued viability of small communities in SPFC Planning Area



Two Program Phases Planned

- \$50 million Prop 1E funding appropriation
- (Current) Phase I
 - \$18 million budgeted for awards to study feasibility of flood risk reduction projects
 - PSP applications will be reviewed for eligibility and priority ranking
- (Future) Phase II
 - Remaining funds available for design and construction of Phase I feasible projects



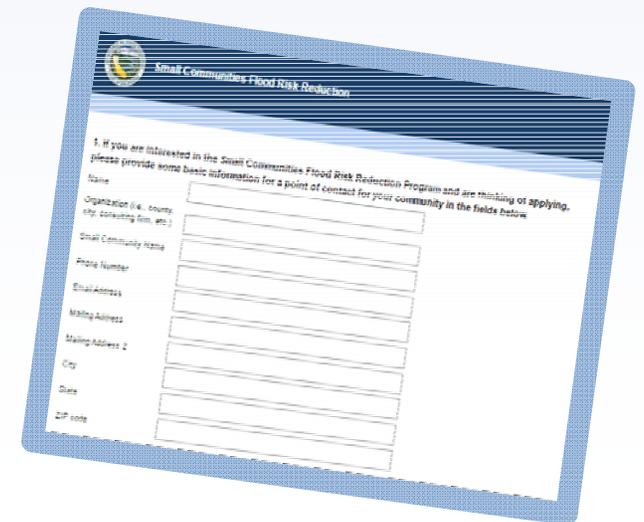
Purpose of Feasibility Study

- Identify problems and opportunities
- Describe potential flooding sources
- Formulate alternatives to reduce flood risk and support multiple benefits
- Identify both structural and non-structural solutions to meet objectives
- Include financing strategy to implement



Small Communities Program

- Program Eligibility:
 - ✓ Cities or counties with land use authority protected by State Plan of Flood Control (SPFC) facilities
 - ✓ 200 - 10,000 residents
 - ✓ Legacy communities
- Application Period open through Nov. 2, 2016
- Funding decisions in early 2017
- Interested Delta communities encouraged to take brief online survey



The image shows a screenshot of an online survey form titled "Small Communities Flood Risk Reduction". The form is presented on a tablet-like device. At the top, there is a header with the title and a small logo. Below the header, the text reads: "1. If you are interested in the Small Communities Flood Risk Reduction Program and are thinking of applying, please provide some basic information for a point of contact for your community in the fields below:". The form contains several input fields for the following information: Name, Organization (e.g., county, city, consulting firm, etc.), Small Community Name, Phone Number, Email Address, Mailing Address, Mailing Address 2, City, State, and ZIP code. Each field is represented by a horizontal line with a small vertical bar on the right side, indicating a text input area.



Small Communities Program Resources

- Informational materials available online:
 - Webinar
 - Program Guidelines
 - Project Solicitation Package
- Join the Small Communities mailing list by emailing SCFRR@water.ca.gov
- Contact Robert Crane with specific program questions: Robert.Crane@water.ca.gov

www.water.ca.gov/floodmgmt/funding/small-communities.cfm



Delta Flood Emergency Preparedness, Response, and Recovery Program

Program Mission: Improve flood emergency preparedness, response, and recovery operations in the Delta

- Funding through Proposition 1E for Delta emergency preparedness supplies, projects:
 - Emergency Plans
 - Delta Agency Coordination
 - Delta Flood Emergency Studies
 - Facilities Improvement Project

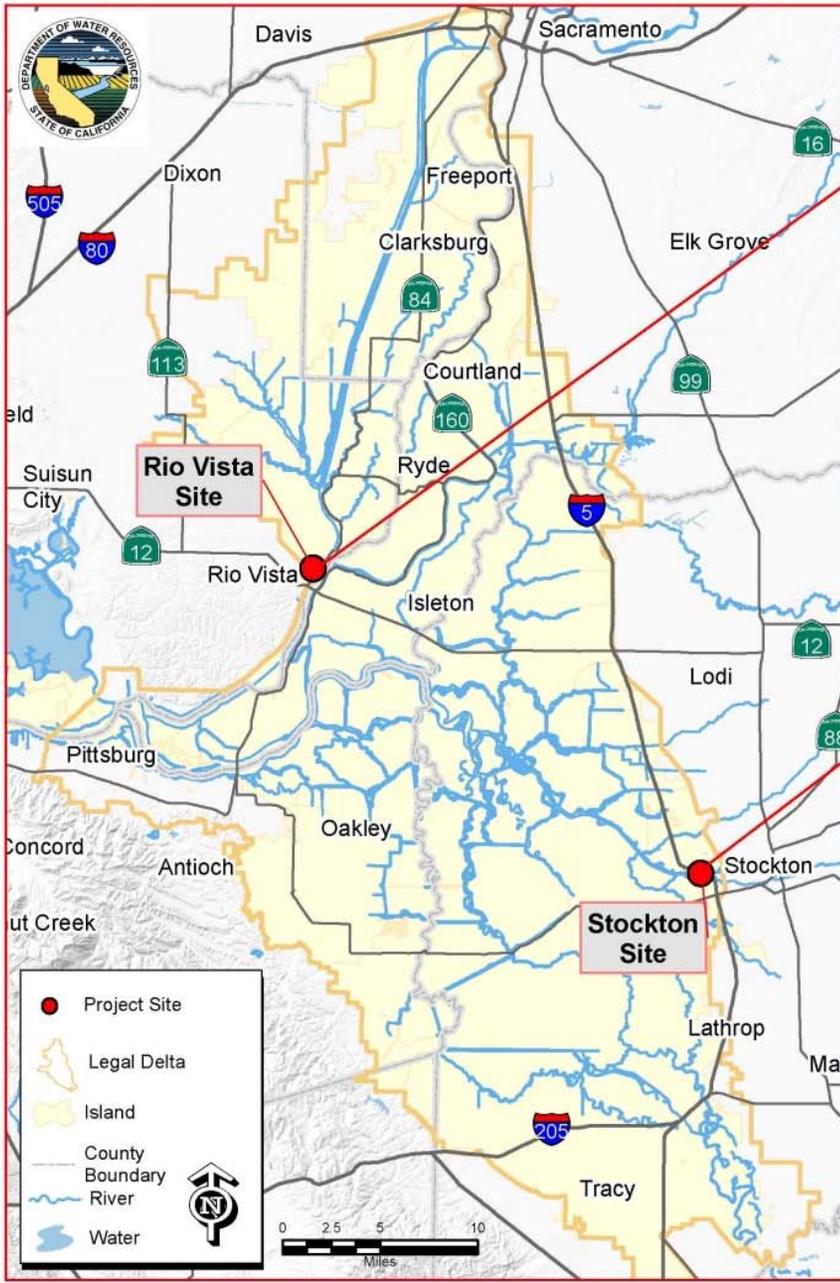


Facilities Improvement Project

- Resources staged quickly respond to, and recover from, levee failures in the Delta
- Two storage locations:
 - Rio Vista site owned by Central Valley Flood Protection Board
 - Waterfront land near Stockton Port
- Materials currently in stock:

- 336,000-tons of rock
- 347 rolls of geotextile fabric
- 1,000 Super Sacks
- 10,400 feet of Muscle Wall
- 2,100 feet of HESCO
- 6 pre-filled roll-off shipping containers
- 1, 451,500 sandbags
- 2,500 rolls of plastic
- 1,100 cases of twine
- 99,500 stakes
- 158,700 buttons





State of California
 DEPARTMENT of WATER RESOURCES
Delta Facilities Improvement Project



N:\HA\FOO\HYDRO\IC\DEC\data\whiggs\mxd\Delta\RockPileLocations_2016_v2.mxd



Water Resources Development Act (WRDA) 2016

- Passed every two years and authorizes U.S. Army Corps of Engineers (USACE) critical projects in 17 states, including California
- House and Senate have passed respective versions of WRDA 2016 and will reconcile versions after Election Day
- Due to timing and funding constraints, current implications of WRDA 2016 unknown



WRDA 2016 Policies with Potential Delta Impacts

House WRDA Bill

- Ensures considerations given for use of natural and nature-based features for design, construction, maintenance, repair and rehab of flood risk reduction and ecosystem restoration projects
- Directs Assistant Secretary of the Army to develop program to assess/improve USACE infrastructure at risk of flood, earthquake and sea level rise

Senate WRDA Bill

- Prevents removal of vegetation from levees except for immediate safety concerns
- Re-authorizes Cache Creek Settling Basin to provide opportunities for ecosystem benefits for Sac River flood control project
- Examines methodologies for calculating B/C ratios to assist rural areas

Contact:

Eric S. Koch, P.E.
Acting Division Chief
Division of Flood Management
California Department of Water
Resources

Eric.Koch@water.ca.gov

