

# Local Maintaining Agency Annual Report

for Levees of the State Plan of Flood Control

California Water Code Sections 9140-9141



Department of Water Resources

Flood Project Integrity and Inspection Branch | Hydrology and Flood Operations Office | Division of Flood Management



Prepared and printed by  
**California Department of Water Resources**



### **Distribution Information**

Bound hard copy reports have been distributed to Local Maintaining Agencies and the Central Valley Flood Protection Board (CVFPB) members and staff. An electronic copy can be obtained from the websites of the Department of Water Resources (Department) at (<http://cdec.water.ca.gov/lma.html>) or the CVFPB (<http://recbd.ca.gov/>). Counties, cities, and public libraries within the jurisdiction of Local Maintaining Agencies have been provided with electronic copies of the report as well. Additional hard copies can be obtained via mail request to: DWR/DFM, 3310 El Camino Ave, Room 256, Sacramento, CA 95821, or by e-mail request to Michal Koller at: [mkoller@water.ca.gov](mailto:mkoller@water.ca.gov) or Jaime Matteoli at: [matteoli@water.ca.gov](mailto:matteoli@water.ca.gov).

**Cover Image:** Sacramento Delta: Courtesy of Department of Water Resources Photo Lab

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# Contents

<b>Acknowledgments</b> .....	<b>3</b>
<b>Abbreviations and Acronyms</b> .....	<b>7</b>
<b>Introduction</b> .....	<b>9</b>
<b>Summary of Local Maintaining Agencies Reports</b> .....	<b>10</b>
<b>CWC Sections 9140-9141 Annual Reporting Requirements</b> .....	<b>11</b>
Background.....	11
Local Maintaining Agency Reports .....	11
Summary Department Report .....	12
<b>Agencies Subject to CWC Section 9140 Requirements</b> .....	<b>13</b>
Local Maintaining Agencies Subject to the Reporting Requirements.....	13
State Maintained Levees .....	13
Maintenance Areas .....	13
Regional Associations .....	14
<b>Communication and Outreach</b> .....	<b>16</b>
Fact Sheet .....	16
Local Maintaining Agency Meetings.....	16
Electronic Reporting - Web Application Development.....	16
Local Maintaining Agency Reporting Workshops .....	18
Reporting Requirements Letter.....	18
Reminder Letter .....	18
Final Notification Letter.....	18
Non-reporting Local Maintaining Agencies.....	18
<b>Appendix A – Sacramento River Individual Agency Summary Reports</b> .....	<b>23</b>
• Sacramento River System LMA Index .....	25
• Sacramento River System Map.....	27
• Individual local area Summary Profiles, Sacramento System.....	29
<b>Appendix B – San Joaquin River Individual Agency Summary Reports</b> .....	<b>385</b>
• San Joaquin River System LMA Index .....	387
• San Joaquin River System Map.....	389
• Individual Local Maintaining Area Summary Profiles, San Joaquin System.....	391
<b>Appendix C – Other Relevant Central Valley Information</b> .....	<b>511</b>
<b>Appendix D – Relevant Correspondence</b> .....	<b>525</b>



## Abbreviations and Acronyms

AB	Assembly Bill
BDCP	Bay Delta Conservation Plan
CCVFCA	California Central Valley Flood Control Association
CDEC	California Data Exchange Center
CVFMP	Central Valley Flood Management Planning
CVFPB	Central Valley Flood Protection Board
CVFPP	Central Valley Flood Protection Plan
CWC	California Water Code
DWR or Department	Department of Water Resources
FCSSR	Flood Control System Status Report
FEMA	Federal Emergency Management Agency
FESSRO	FloodSAFE Environmental Stewardship and Statewide Resources Office
FloodSAFE	California's comprehensive program to improve public safety through integrated flood management
FPIIB	Flood Project Integrity and Inspection Branch
ICW	Inspection of Completed Works
LB	Left Bank
LD	Levee Districts
LM	Levee Mile
LMA/LMAs	Local Maintaining Agency/Agencies
MA	Maintenance Areas
MEO	Mobile Equipment Office
MI	Mile
NA	Named Areas
PL 84-99	Public Law that defines federal rehabilitation assistance for flood control works
RB	Right Bank
RD	Reclamation Districts
RM	River Mile
SAFCA	Sacramento Area Flood Control Agency
SJAFCA	San Joaquin Area Flood Control Agency
SPFC	State Plan of Flood Control
SPRR	Southern Pacific Railroad
ST	State Maintained Levees
USACE	U.S. Army Corps of Engineers



## Introduction

Local Maintaining Agency (LMA) Annual Report 2010 is the third in a series of annual reports by the Department of Water Resources (DWR). DWR prepares this report for the Central Valley Flood Protection Board (CVFPB) to meet the requirements of California Water Code (CWC) Section 9141.

LMAs submit specific information to DWR by September 30 of each year regarding the levees they operate and maintain. DWR summarizes the information in a report format and provides the report to the CVFPB by December 31 of each year. Submission of information by LMA includes levee conditions and operation and maintenance activities which are essential for a comprehensive understanding of the flood protection system in the Central Valley. The information presented in this report is also critical to flood control system evaluation and assessment.

The LMA report is currently being implemented as part of DWR's Flood Emergency Response Program by the Division of Flood Management. FloodSAFE California – California's multi-faceted program to improve public safety through integrated flood management – has identified the Flood Emergency Response Program as a way to manage residual flood risks and reduce the loss of lives and properties when flooding occurs.

## Summary of Local Maintaining Agencies Reports

This Annual Report includes a compilation of year 2010 information received from LMAs on the project levees<sup>1</sup> and certain non-project levees they maintain in the Sacramento and San Joaquin river basins. DWR identified 89 LMAs that are required to submit information to DWR pursuant to CWC Sections 9140 and 9141 on 110 different geographical areas. In this third year of required reporting, 80 percent of LMAs provided reports. All LMAs with at least a partial response are considered as providing a report.

Table 1 below presents a summary of information submitted to DWR by LMAs. Appendix A and Appendix B include summary reports for each LMA that maintains project levees along the Sacramento River and San Joaquin River, respectively. DWR will use this information to develop critical data for levee evaluation, monitor levee conditions throughout the system, and provide input to its comprehensive FloodSAFE Program to improve public safety and to manage residual flood risk.

**Table 1: Summary of Information Reported by LMAs**

Reporting Categories	Reporting Measurement Type	Number of Occurrences
<b>Reporting</b>	LMAs subject to reporting requirements	89
	LMAs submitted reports	71
	Geographical areas subject to reporting requirements	110
	Reports received on geographical areas	92
	Total entries from LMA reports in DWR Database	1500
<b>Maintenance Reported</b>	Areas reporting a summary of activities during the previous fiscal year	83
	Areas reporting work and estimated costs for current fiscal year	91
	Areas reporting routine annual vegetation maintenance activities	34
	Areas reporting rodent/animal control activities	23
	Areas reporting seepage control	5
	Areas reporting levee structural feature maintenance activities	6
<b>Repairs Performed</b>	Areas reporting levee repairs	17
	Areas reporting levee structural feature repairs	11
<b>Levee Conditions Reported</b>	Areas reporting information relevant to condition or performance	77
	Areas reporting conditions that might compromise level of flood protection	72
	Areas reporting levee compaction, settlement, or freeboard issues	3
	Areas reporting seepage and sand boil issues	12
	Areas reporting erosion, channel migration, or revetment issues	2
	Areas reporting sedimentation issues	4
	Areas reporting vegetation issues	11

<sup>1</sup>A project levee is a levee that is part of the State-federal Sacramento River Flood Control System or the San Joaquin River Flood Control Project – about 1,600 miles of levees in total.

## CWC Sections 9140-9141 Annual Reporting Requirements

### Background

California Assembly Bill 156 (Laird, 2007) Flood Control was introduced in the 2007-2008 Legislative Session. The Governor signed the bill and the Secretary of State chaptered it on October 10, 2007 (Chapter 368, Statutes of 2007). CWC Sections 9140-9141 include requirements for LMAs to submit an annual report on their operation and maintenance of a project levee and for DWR to submit an annual report to summarize the information received from LMAs. By establishing these requirements on a LMA, CWC Sections 9140-9141 impose a state-mandated local program effective July 1, 2008.

### Where were the AB 156 LMA reporting requirements added to the CWC?

AB 156 added Chapter 9, commencing with Section 9110, to Part 4 of Division 5 of the CWC. Water Code additions specific to the Local Maintaining Agency Reporting Program are outlined below:

<u>CWC Section</u>	<u>Topic</u>
Chapter 9, Article 1, Section 9110:	Selected Definitions
Chapter 9, Article 4, Section 9140:	Local Reports

### Local Maintaining Agency Reports

LMAs (including Sacramento and Sutter Maintenance Yards) are required to submit a report of information pertaining to the operation and maintenance of their levees to DWR by September 30 each year. According to CWC Section 9140, the information submitted to DWR shall include all of the following five items:

1. Information known to the LMA that is relevant to the condition or performance of the Project Levee
2. Information identifying known conditions that might impair or compromise the level of flood protection provided by the project levee
3. A summary of the maintenance performed by the LMA during the previous fiscal year
4. A statement of work and estimated cost for operation and maintenance of the project levee for the current fiscal year, as approved by the LMA
5. Any other readily available information contained in the records of the LMA relevant to the condition or performance of the project levee, as determined by the CVFPB or DWR

### Selected CWC Definitions Section 9110

**"Local Agency"** means a local agency responsible for the maintenance of a project levee.

**"Maintenance"** has the same meaning as that set forth in subdivision (f) of Section 12878.

**"project levee"** means any levee that is part of the facilities of the State Plan of Flood Control.

**"State Plan of Flood Control"** means the state and federal flood control works, lands, programs, plans, policies, conditions, and mode of maintenance and operations of the Sacramento River Flood Control Project described in Section 8350, and of flood control projects in the Sacramento River and San Joaquin River watersheds authorized pursuant to Article 2 (commencing with Section 12648) of Chapter 2 of Part 6 of Division 6 for which the board or the department has provided the assurances of nonfederal cooperation to the United States, and those facilities identified in Section 8361.

**"Fiscal year"** has the same meaning as that set forth in Section 13290 of the Government Code. (The fiscal year shall commence on the first day of July.)

To aid LMAs with the reporting requirements, DWR developed electronic and hard copy formats reports. Both electronic and hardcopy reporting forms are shown in Appendix D.

In some cases, project levees abut to non-project levees, therefore some non-project levees may also keep flood water out of areas protected by project levees. In these cases, CWC Sections 9140-9141 requires that LMAs subject to these requirements include the same information for these non-project levees. Other LMAs for non-project levees may voluntarily submit their operation and maintenance information to DWR for inclusion in the Annual Report.

As stated earlier, Appendix A and Appendix B include summary reports for each LMA that maintains project levees along the Sacramento and San Joaquin River respectively.

These individual LMA profiles have the following format:

- Agency name and county it belongs to
- Contact information
- Agency plat map and aerial map
- Levee unit information
- U.S. Army Corps of Engineers (USACE) Operation and Maintenance Manual information
- Summary of information reported by the LMA

### ***Summary Department Report***

According to CWC Section 9141, DWR is required to prepare and submit to the CVFPB an annual report on the project levees and certain non-project levees operated and maintained by LMAs. This report summarizes submitted information received from LMAs, as well as relevant portions of any of the following documents as determined by DWR:

1. Annual inspection reports on LMA maintenance prepared by DWR or the CVFPB
2. The State Plan of Flood Control Descriptive Document (SPFC)
3. The Flood Control System Status Report (FCSSR)
4. The schedule for mapping described in CWC Section 8612
5. Any correspondence, document, or information deemed relevant by DWR

Annual inspection reports on LMA maintenance for the year 2010 will be available early January 2011. SPFC has been finalized and out for public view, however the remaining documents are being developed as part of the FloodSAFE program over the next several years.

DWR is required to make each LMA's flood management report available for website viewing (see <http://cdec.water.ca.gov/lma.html>). DWR is also required to provide a copy of each report to the following entities:

1. The LMA
2. Any city or county within the LMA's jurisdiction
3. Any public library located within the LMA's jurisdiction

**CWC Sections 9140-9141 Reporting Timelines**

CWC changes became effective:	July 1, 2008
<b>Local Maintaining Agency reports to DWR:</b>	Due September 30 each year
<b>DWR Annual Report to CVFPB:</b>	Due December 31 each year

## Agencies Subject to CWC Section 9140 Requirements

There are over 300 individual project levee units within the Central Valley that are arranged in 110 geographical areas for operation and maintenance responsibility. Eighty-nine agencies (LMAs and the State) are responsible for the operation and maintenance of the 110 areas as shown in Appendix A and Appendix B. The letter designations below in parentheses are used to identify the types of areas in the records.

### Local Maintaining Agencies Subject to the Reporting Requirements

Most Project Levees of the Sacramento and San Joaquin Flood Control Projects are maintained by LMAs that fund maintenance activities through assessment to landowners within their boundaries. These LMAs are comprised primarily of **Levee Districts (LD)** and **Reclamation Districts (RD)**. A variety of cities, counties, and other public agencies and municipalities also maintain project levees, and these agencies are identified in this Report by the term **Named Areas (NA)**.

**More Information on LMAs from the CWC**

<u>Type of Agency</u>	<u>CWC Section</u>
Levee Districts	70000
Reclamation Districts	50000
State Maintained Areas	8361
Maintenance Areas	12878

### State-Maintained Levees

CWC Section 8361 identifies levees within the Sacramento River Flood Control Project that are a State maintenance responsibility. Maintenance of these State-maintained levees (ST) is performed by DWR through the Sacramento and Sutter Maintenance Yards. They comprise mostly of levees made necessary by the discharge from weirs.

### Maintenance Areas

Under Section 12878 of the CWC, DWR is authorized to create Maintenance Areas (MA) for project levees with no identified LMA, or where the LMAs have failed or refused to perform maintenance or have chosen to relinquish maintenance responsibilities on their own volition. There are currently 10 active MA in the State, all within the jurisdictional boundaries of the CVFPB. Based on their location, levees within Maintenance Areas are maintained by either the Sacramento or Sutter Maintenance Yards.

### Maintenance Area History

<u>MA No.</u>	<u>Location</u>	<u>Formed</u>	<u>Dissolved</u>
1	West Levee Sacramento River north of Colusa	Mar 3, 1948	
2	Dissolved	Mar 3, 1948	Jul 1, 1959
3	West Levee Feather River near Sutter Bypass	Jul 13, 1949	
4	West Levee Sacramento River in West Sacramento	Jan 24, 1951	
5	Butte Creek & Little Chico Creek	Jul 21, 1954	
6	Dissolved	Jul 7, 1954	Jul 16, 1976
7	West Levee Feather River below Oroville	Nov 8, 1956	
8	Dissolved	Aug 15, 1956	Jul 1, 1974
9	East Levee Sacramento River between ARFCD & RD 551	Oct 17, 1956	
10	Dissolved	Sep 17, 1958	Jun 21, 1991
11	Dissolved	Oct 15, 1958	Jun 21, 1991
12	Colusa Basin Drain	Apr 6, 1960	
13	Cherokee Canal	Feb 16, 1961	
14	Dissolved	Sep 17, 1971	Apr 14, 1972
15	Dissolved	Mar 28, 1975	Oct 19, 1990
16	West Levee Feather River near Live Oak	Nov 21, 1986	
17	Lower Middle Creek in Lake County	Jun 23, 2000	

### ***Regional Associations***

Three regional flood control organizations in the Central Valley are not required to report under this Local Agency Annual Report Program, but they help represent the interests of local agencies.

### **California Central Valley Flood Control Association**



The California Central Valley Flood Control Association (CCVCFA) was formed in 1926 to promote a common interest in maintaining effective flood control systems for the protection of life, property, and environmental values. It is the largest coalition of flood control managers in California and a leader in promoting improved flood protection by working with federal, State, and LMAs and the California State Legislature to improve and fund responsible flood policies in our State.

Voting Members include over 70 reclamation, flood control, levee, drainage, and similar special districts, as well as cities and counties with flood management responsibilities. Business entities dealing in flood control such as engineering firms, water and environmental consultants, and other interested businesses, property owners, and other organizations may participate as non-voting, Associate Members of the CCVFCA. The CCVFCA is governed by a Board consisting of 28 Directors (Voting Members only) representing all geographic areas of the Central Valley and meets quarterly to conduct Association business.

The CCVFCA firmly believes that the Sacramento and San Joaquin River flood protection system should be treated as a system, not split into incremental flood control components. To ensure the proper coordination of the maintenance of this system, it is important that the federal, State, and local flood implementing agencies work cooperatively as partners in properly maintaining this vital state infrastructure system. Consequently, the CCVFCA is actively engaging with DWR as a flood management partner in the development of the SPFC and the Central Valley Flood Protection Plan (CVFPP).

The CCVFCA also provided leadership to USACE development of an interim levee vegetation standards agreement with the State, the Legislature's negotiation of a comprehensive water bond, and the appropriation and quick disbursement of current flood protection bond funding in Propositions 1E & 84. The CCVFCA continues to provide leadership in advocacy before the State Legislature and the CVFPB to maintain and improve the integrity of the flood control system, ongoing Delta planning efforts by the State, maintaining eligibility in the PL 84-99 program, and many other important political and policy proposals regarding effective flood control and public safety in the Central Valley.

## **Sacramento Area Flood Control Agency**



The Sacramento Area Flood Control Agency (SAFCA) was formed in 1989 to address the Sacramento area's vulnerability to catastrophic flooding. This vulnerability was exposed during the record flood of 1986 when Folsom Dam exceeded its normal flood control storage capacity and several area levees nearly collapsed under the strain of the storm. In response, the City of Sacramento, the County of Sacramento, the County of Sutter, the American River Flood Control District, and Reclamation District 1000 created SAFCA through a Joint Exercise of Powers Agreement to provide the Sacramento region with increased flood protection along the American and Sacramento Rivers.

## **San Joaquin Area Flood Control Agency**



The San Joaquin Area Flood Control Agency (SJAFCA) is a Joint Powers Authority among the City of Stockton, San Joaquin County, and the San Joaquin County Flood Control and Water Conservation District. SJAFCA was formed in May 1995 in response to Flood Emergency Management Agency's (FEMA) plan to issue new Flood Insurance Rate Maps placing all of metropolitan Stockton and the surrounding County areas in a floodplain. SJAFCA officials worked with FEMA to delay issuing the

maps until November 1998 while SJAFCA constructed a project to upgrade area levees. The project consists of flood wall and levee improvements along 40 miles of existing channel levees, 12 miles of new levees, widening of existing floodway with set-back levees and set-back benching, modifications to 24 bridges, and the addition of two major detention basins. Construction was completed in 1998.

## **Communication and Outreach**

DWR recognizes that the requirements of CWC Section 9140 placed a new reporting burden on LMAs. To help make reporting easier, DWR developed an outreach program and reporting tools to assist LMAs. DWR notified LMAs of the new reporting requirements, developed electronic and hard copy reporting options, and held a series of presentations and workshops. The process continues with DWR soliciting feedback from LMAs to improve the program. The following subsections and the supporting Figure 1 describe the chronology of the outreach program for 2010.

### ***Fact Sheet***

In June 2010, an updated three page Fact Sheet describing the new program and reporting requirements was mailed to all LMAs. Please see Appendix D for a copy of the fact sheet.

### ***Local Maintaining Agency Meetings***

DWR staff met with three LMAs on the following dates:

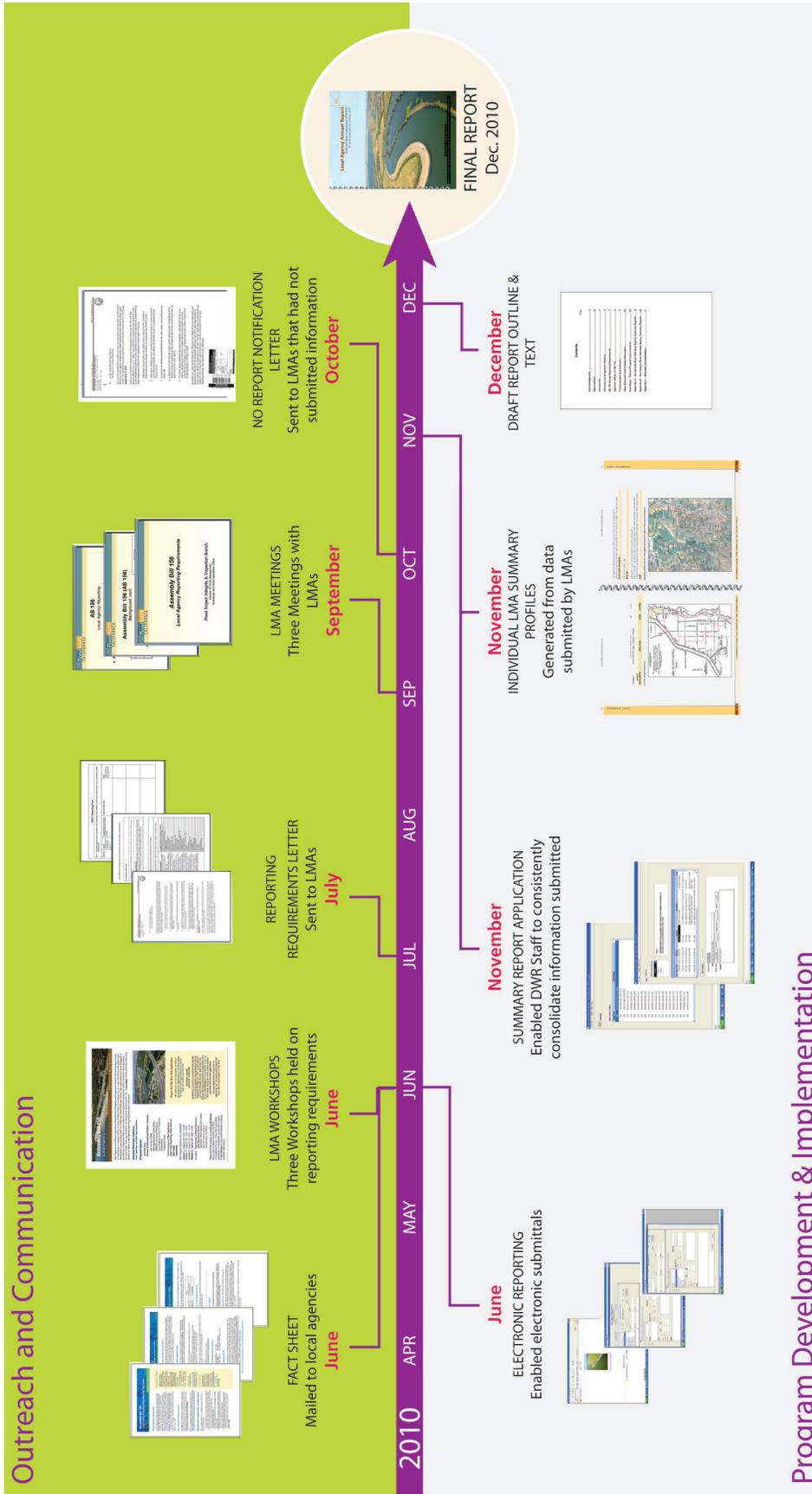
<b>Agency</b>	<b>Date</b>
<i>Yolo County Public Works</i>	September 16, 2010
<i>Reclamation District 2035</i>	September 22, 2010
<i>Reclamation District 369</i>	September 30, 2010

### ***Submittal to Libraries***

DVDs of 2008 and 2009 Annual Reports were submitted to all of the libraries within the jurisdictional areas of the LMAs. DVDs of this year's annual report will be distributed to the libraries. The accompanying July 28, 2010 letter described the link to the reports and DWR's outreach requirements.

### ***Electronic Reporting - Web Application Development***

California Data Exchange Center (CDEC) staff assisted with the development of a graphical user interface to facilitate reporting and information sharing. The application allows LMAs to establish an individual user account, the ability to access certain Division of Flood Management flood system information, and the ability to submit required information electronically. This information sharing is expected to enhance DWR's flood emergency response capabilities and will benefit LMAs in their operations and planning endeavors.



**Figure 1: Outreach & Chronology of 2010 Local Agency Reporting Program Summary**

### ***Local Maintaining Agency Reporting Workshops***

LMA reporting workshop announcement was distributed to LMA contacts in May 2010 to provide information on a series of six separate LMA reporting workshops to be held on June 15, 16, and 17, 2010. These workshops were held in the Flood Center, and were intended as a forum for demonstrating the electronic reporting web application, receiving comments and suggestions for program improvement, and discussing paper copy reporting procedures. The workshop flyer is attached in Appendix D.

### ***Reporting Requirements Letter***

On July 1, 2010, a reporting requirements letter was mailed to all LMAs with instructions and the deadline. A copy of the letter is attached in Appendix D.

### ***Reminder Letter***

On September 16, 2010, a reminder letter was mailed to those LMAs who had not submitted any information, reminding them of the approaching deadline. A copy of the letter is attached in Appendix D.

### ***Final Notification Letter***

On October 27, 2010, a final notification letter was mailed to those LMAs who had not submitted any information, reminding them of the reporting requirements and deadlines. A copy of the letter is attached in Appendix D.

### ***Non-reporting Local Maintaining Agencies***

Although the deadline for submitting the required information to DWR has been extended on an individual basis, several LMAs have not responded. Below is the list of the non-reporting LMAs in 2010:

- Honcut Creek Eastern Area
- Levee District No. 3
- Levee District No. 9
- Madera County Flood Control & Water Conservation Agency
- Plumas County
- Reclamation District No. 10 (Honcut)
- Reclamation District No. 785 (Driver)
- Reclamation District No. 827 (Elkhorn)
- Reclamation District No. 900 (West Sacramento)
- Reclamation District No. 2031 (Elliot)
- Reclamation District No. 2035 (Conaway)
- Reclamation District No. 2075 (McMullin)
- Reclamation District No. 2091 (Chase)
- Reclamation District No. 2092 (Dos Rios)
- Reclamation District No. 2096 (Wetherbee Lake)
- Reclamation District No. 2104 (Peters Pocket Tract)
- Reclamation District No. 2107 (Mossdale)
- Turlock Irrigation District - Gomes Lake

## **Appendix A – Sacramento River Individual Agency Summary Reports**

A total of 60 LMAs and 81 local reporting areas for project levees are included in the Sacramento River Flood Control Project. DWR received reports from 50 LMAs encompassing 71 Areas. Appendix A includes an index to Sacramento River System LMAs, a map to show the locations of each reporting area, and individual LMA summary profiles. Appendix A includes:

- Sacramento River System LMA Index
- Sacramento River System Map
- Individual local area Summary Profiles, Sacramento System

## **Appendix B – San Joaquin River Individual Agency Summary Reports**

A total of 29 LMAs and 29 local reporting Areas for project levees are included in the San Joaquin River Flood Control System. DWR received reports from 21 LMAs encompassing 21 Areas. Appendix B includes an index to San Joaquin River System LMAs, a map to show the locations of each reporting area, and individual LMA profiles. Appendix B includes:

- San Joaquin River System LMA Index
- San Joaquin River System Map
- Individual Local Maintaining Area Summary Profiles, San Joaquin System

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## **Appendix C – Other Relevant Central Valley Information**

Several ongoing flood related issues within the Central Valley affect LMAs in meeting their levee operation and maintenance requirements. Issues highlighted in this Appendix include emergency response, USACE and FEMA actions, Central Valley Flood System Improvement Framework, FloodSAFE Implementation Plan, Project Levee Inspections, Central Valley Flood Management Planning, Statewide Integrated Flood Management Planning and conservation strategies. Additionally, Local Agency Annual Report Program developments and planned improvements are discussed.

## **Appendix D – Relevant Correspondance**

### **History and Background**

DWR Letter to Local Maintaining Agencies for Framework Document Status Report, August 25, 2009

Enclosure Framework Documents Excerpt

FPIIB Inspection Criteria, Appendix C from the 2009 Inspection Report

CVFPB Letter to USACE Requesting Exemption from ETL 1110-20571 and Regional Vegetation Variance Policy, October 28, 2010

### **Outreach and Communication**

2010 Local Maintaining Agency Reporting Requirements Workshop Flyer, May 2010

Fact Sheet – Local Maintaining Agency Reporting Requirements, Updated June 2010

Local Maintaining Agency Paper Copy Reporting Guidance

Five Part Reporting Forms

Screenshot of Local Maintaining Agency Annual Report Web Application

Reporting Requirements Letter to the LMAs, July 1, 2010

Report Submission Letter to Libraries, July 28, 2010

Request Letter to LMAs for Photos, August 30, 2010

Reporting Reminder Letter to LMAs, September 16, 2010

US Fish and Wildlife Letter Regarding Reclamation District Nos. 2099, 2100 and 2102, September 1, 2010

No Report Notification Letter, October 27, 2010

### **Reports on Non-Project Levees**

RD 2074 Report Summary

# APPENDIX **A**

## **Sacramento River Individual Agency Summary Reports**

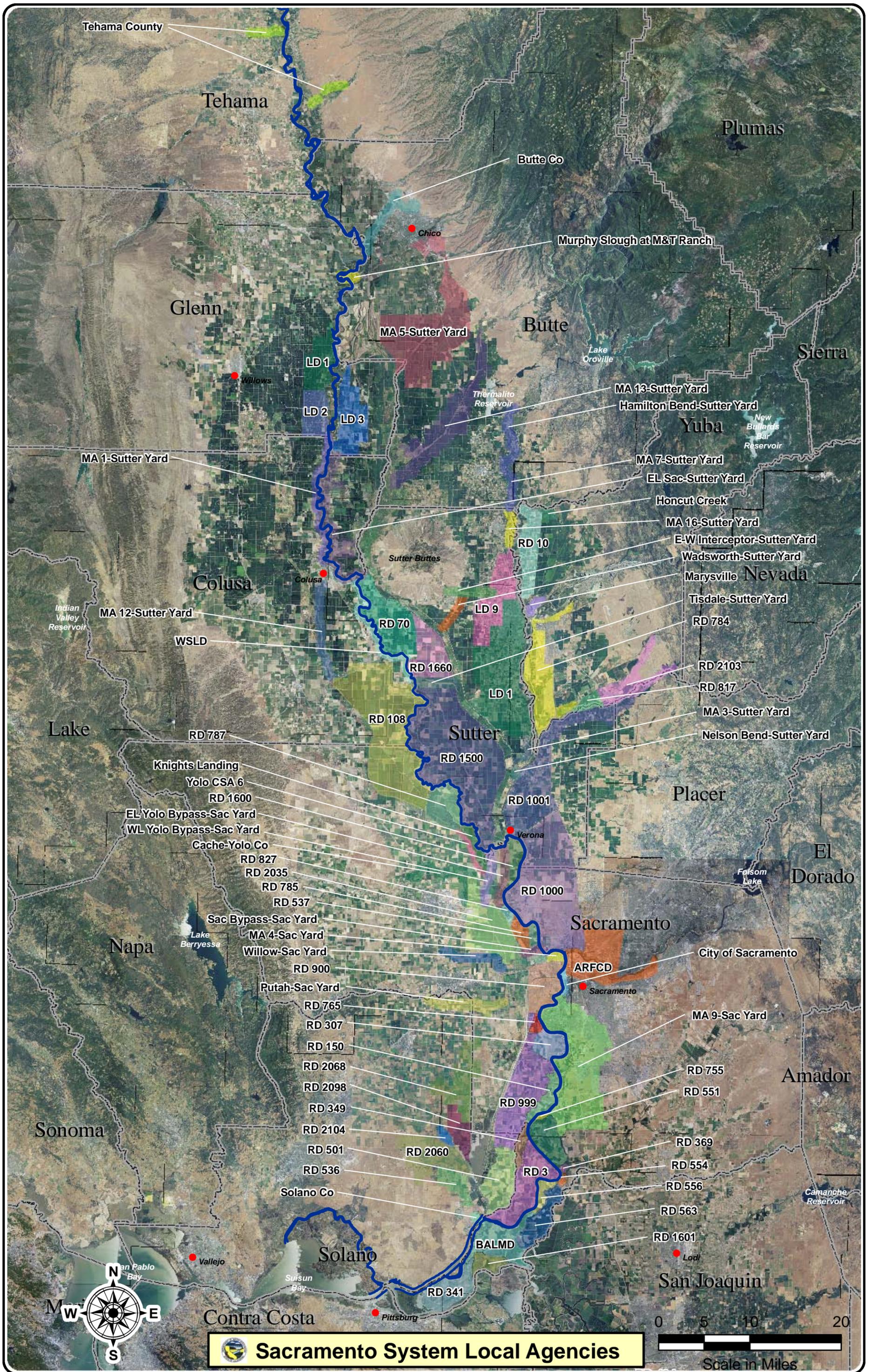
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LOCAL AGENCIES & AREAS	COUNTY	TAB NAME	PAGE
<b>LEVEE DISTRICTS</b>			
Levee District No. 1 (Glenn)	Glenn	LD 1G	29
Levee District No. 1 (Sutter)	Sutter	LD 1S	33
Levee District No. 2	Glenn	LD 2	39
Levee District No. 3	Glenn	LD 3	43
Levee District No. 9	Sutter	LD 9	49
<b>RECLAMATION DISTRICTS</b>			
Reclamation District No. 3 (Grand Island)	Sacramento	RD 3	53
Reclamation District No. 10 (Honcut)	Yuba	RD 10	57
Reclamation District No. 70 (Meridian)	Sutter	RD 70	61
Reclamation District No. 108 (River Farms)	Colusa	RD 108	65
Reclamation District No. 150 (Merrit Island)	Yolo	RD 150	69
Reclamation District No. 307 (Lisbon)	Yolo	RD 307	73
Reclamation District No. 341 (Sherman)	Sacramento	RD 341	77
Reclamation District No. 349 (Sutter Island)	Sutter	RD 349	81
Reclamation District No. 369 Libby Mcneil)	Sacramento	RD 369	85
Reclamation District No. 501 (Ryer Island)	Solano	RD 501	89
Reclamation District No. 536 (Egbert)	Solano	RD 536	93
Reclamation District No. 537 (Lovdal)	Yolo	RD 537	97
Reclamation District No. 551 (Pierson)	Sacramento	RD 551	103
Reclamation District No. 554 (Walnut Grove)	Sacramento	RD 554	107
Reclamation District No. 556 (Upper Andrus)	Sacramento	RD 556	111
Reclamation District No. 563 (Tyler Island)	Sacramento	RD 563	115
Reclamation District No. 755 (Randall)	Sacramento	RD 755	119
Reclamation District No. 765 (Glide)	Yolo	RD 765	123
Reclamation District No. 784 (Plumas Lake)	Yuba	RD 784	127
Reclamation District No. 785 (Driver)	Yolo	RD 785	133
Reclamation District No. 787 (Fair)	Yolo	RD 787	137
Reclamation District No. 817 (Carlin)	Yuba	RD 817	141
Reclamation District No. 827 (Elkhorn)	Yolo	RD 827	147
Reclamation District No. 900 (West Sacramento)	Yolo	RD 900	151
Reclamation District No. 999 (Netherlands)	Yolo	RD 999	155
Reclamation District No. 1000 (Natomas)	Sacramento	RD 1000	159
Reclamation District No. 1001 (Nicolaus)	Sutter	RD 1001	165
Reclamation District No. 1500 (Sutter Basin)	Sutter	RD 1500	171
Reclamation District No. 1600 (Mull)	Yolo	RD 1600	177
Reclamation District No. 1601 (Twitchell)	Sacramento	RD 1601	181
Reclamation District No. 1660 (Tisdale)	Sutter	RD 1660	185
Reclamation District No. 2035 (Conaway)	Yolo	RD 2035	189
Reclamation District No. 2060 (Hastings)	Solano	RD 2060	193
Reclamation District No. 2068 (Yolano)	Solano	RD 2068	197
Reclamation District No. 2098 (Cache & Haas Slough)	Solano	RD 2098	201
Reclamation District No. 2103 (Wheatland Vicinity)	Yuba	RD 2103	205
Reclamation District No. 2104 (Peters Pocket Tract)	Solano	RD 2104	211

LOCAL AGENCIES & AREAS	COUNTY	TAB NAME	PAGE
<b>NAMED AREAS</b>			
American River Flood Control District	Sacramento	ARFCD	215
Brannan Andrus Levee Maintenance District	Solano	BALMD	221
Butte County Public Works	Butte	Butte Co	225
Marysville Levee Commission	Yuba	Marysville	229
City of Sacramento	Sacramento	City of Sacramento	233
Honcut Creek Eastern Area	Yuba	Honcut Creek	237
Knights Landing Ridge Drainage District	Yolo	Knights Landing	241
Lake County Watershed Protection District	Lake	Lake Co	245
Solano County Public Works (Mellin Levee)	Solano	Solano Co	249
Murphy Slough at M&T Ranch	Butte County	M&T Ranch	253
Plumas County	Plumas	Plumas Co	257
Sacramento River West Side Levee District	Sacramento	WSLD	261
California Department of Fish and Game	Shasta	Shea Levee	265
Tehama Co. Flood Control & Water Conservation District	Tehama	Tehama County	269
Yolo County Public Works	Yolo	Cache-Yolo Co	273
Yolo County Service Area 6	Yolo	Yolo CSA 6	277
<b>SACRAMENTO YARD</b>			
Cache Creek- Sacramento Yard	Yolo	Cache Creek	281
East Levee Yolo Bypass-Sacramento Yard	Yolo	EL Yolo Bypass	285
Putah Creek-Sacramento Yard	Yolo	Putah	291
Sacramento Bypass-Sacramento Yard	Yolo	Sac Bypass	295
West Levee Yolo Bypass-Sacramento Yard	Yolo	WL Yolo Bypass	299
Willow Slough-Sacramento Yard	Yolo	Willow	305
Maintenance Area No. 4-Sacramento Yard	Yolo	MA 4	309
Maintenance Area No. 9-Sacramento Yard	Sacramento	MA 9	315
<b>SUTTER YARD</b>			
East Levee Sutter Bypass-Sutter Yard	Sutter	EL Sutter Bypass	319
East Levee Sacramento River-Sutter Yard	Colusa	EL Sac	323
East-West Interceptor-Sutter Yard	Sutter County	E-W Interceptor	329
Hamilton Bend-Sutter Yard	Butte	Hamilton Bend	333
Nelson Bend-Sutter Yard	Sutter	Nelson Bend	337
Tisdale Bypass-Sutter Yard	Sutter	Tisdale	341
Wadsworth Canal-Sutter Yard	Sutter	Wadsworth	347
Maintenance Area No. 1-Sutter Yard	Colusa	MA 1	351
Maintenance Area No. 3-Sutter Yard	Sutter	MA 3	355
Maintenance Area No. 5-Sutter Yard	Glenn	MA 5	359
Maintenance Area No. 7-Sutter Yard	Butte	MA 7	365
Maintenance Area No. 12-Sutter Yard	Colusa	MA 12	369
Maintenance Area No. 13-Sutter Yard	Butte	MA 13	373
Maintenance Area No. 16-Sutter Yard	Sutter	MA 16	377
Maintenance Area No. 17-Sutter Yard	Lake	MA 17	381



**Sacramento System Local Agencies**





# Levee District No. 1 (Glenn)

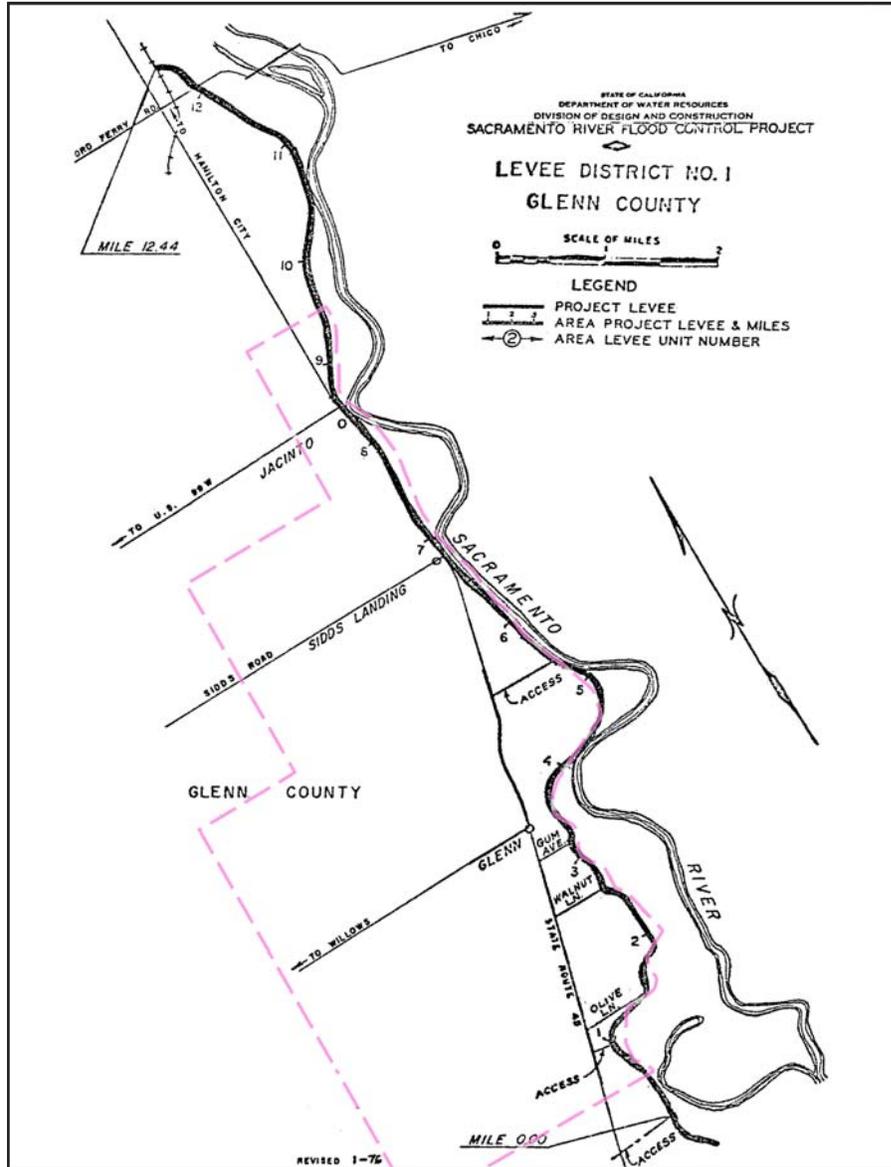
Glenn County

## Contact

Bill Carriere • Board Chairman

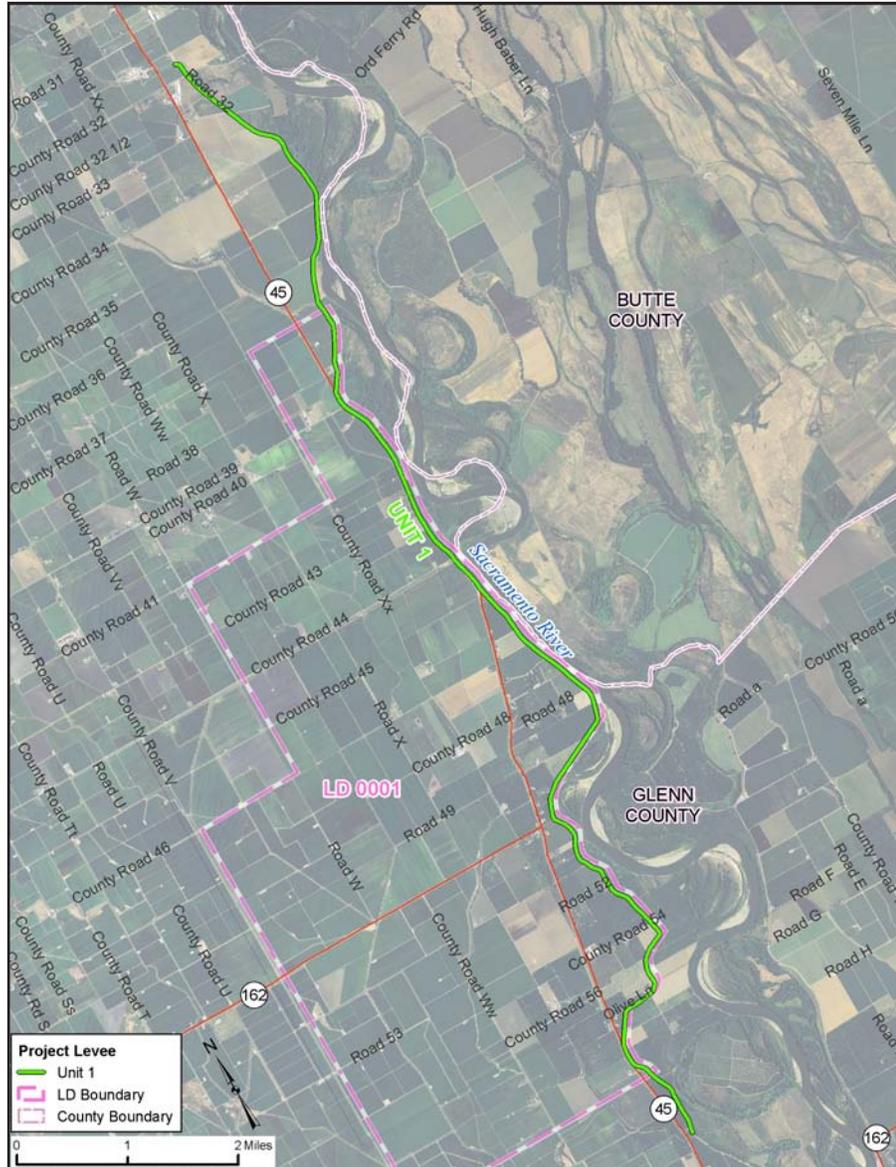
1640 Highway 45 • Glenn CA 95943

Phone: (530) 934-7454



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
LD0001G	Levee District No. 0001 (Glenn County) Unit No. 01 Sacramento River	RB	12.45



**USACE Operation and Maintenance Manual Information:**

**Title**

West Levee of Sacramento River in Levee District 1 Mile 170.5 to Mile 184.7

**Unit No.**

Sacramento River 140

**Protection Provided**

Adjacent highly developed agricultural lands, related homes and buildings, county and state highways.

## Summary of Information Reported in 2010

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 1.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported a rusty drainage pipe through the levee at LM 8.98.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities. Activities include inspections, encroachment control, rodent baiting, vegetation burning, removal, and inspections.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities. Expenses include costs of inspections, encroachment control, rodent baiting, vegetation burning and removal. The reported total estimated cost for the fiscal year is \$15,000.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

# Levee District No. 1 (Sutter)

Sutter County

## Contact

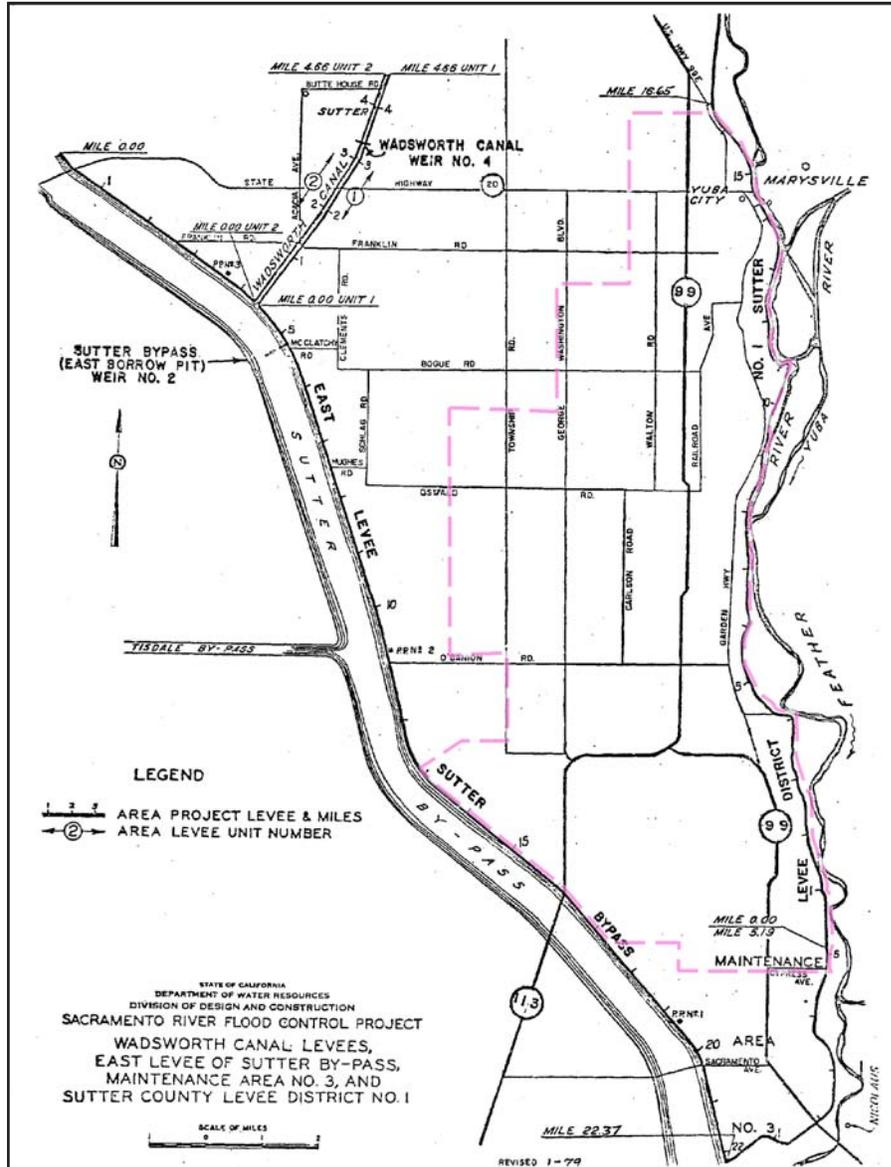
Bill Hampton • General Manager

District Office • 243 Second Street

Yuba City CA 95991 • Phone: (530) 673-2454

**SACRAMENTO SYSTEM: LEVEE DISTRICT NO. 1 (SUTTER COUNTY)**

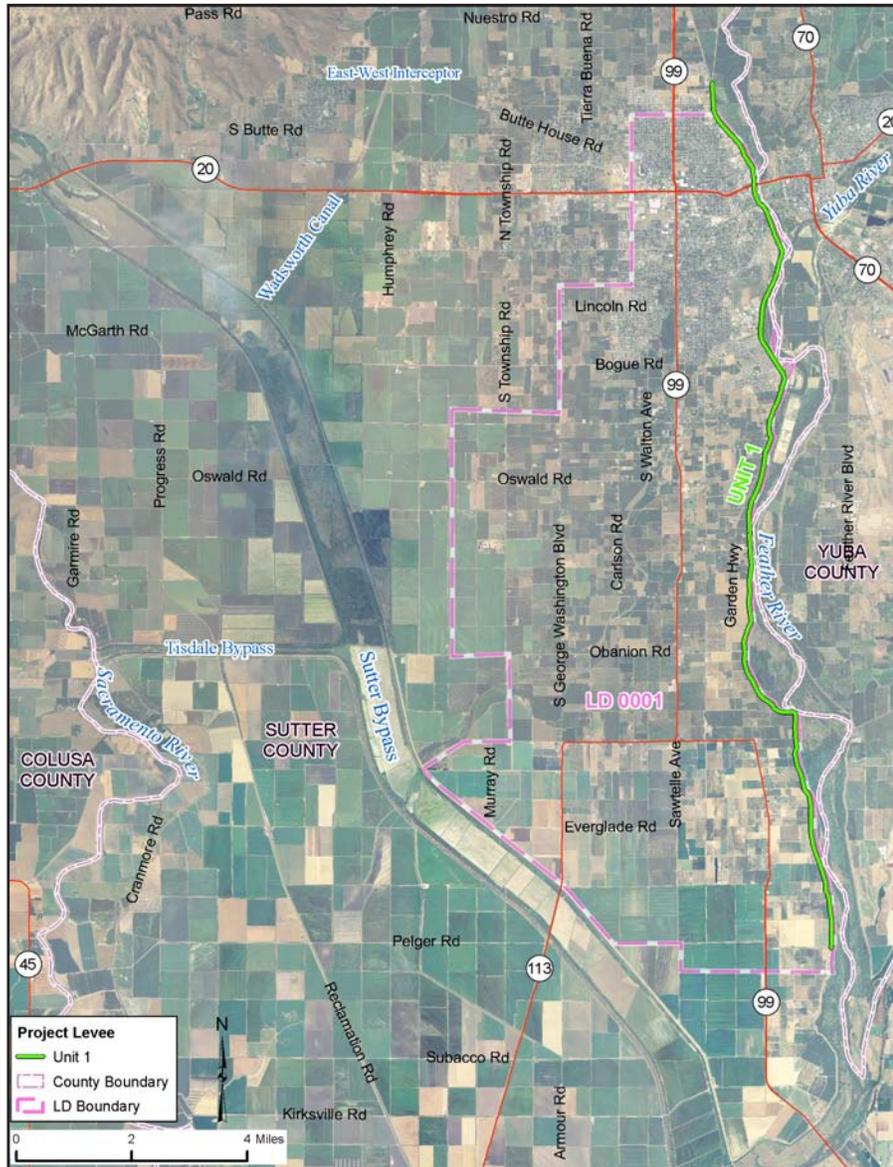
LD 15



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
LD0001S	Levee District No. 0001 (Sutter County) Unit No. 01 Feather River	RB	16.65

Levee District No. 1 (Sutter)



**USACE Operation and Maintenance Manual Information:**

**Title**

Unit No. 01 Feather River RB 16.65

**Unit No.**

Sacramento River 135

**Protection Provided**

Provide protection to adjacent agricultural lands against flood water in Sutter Bypass and Wadsworth Canal.

**USACE Operation and Maintenance Manual Information:**

***Title***

Sacramento River Flood Control Project Unit 144 West Levee Of Feather River from North Boundary of Levee District 1 to North Boundary of Reclamation District 823

***Unit No.***

Sacramento River 144

***Protection Provided***

The levee of Unit 144 provides protection to Yuba City and adjacent agricultural land against flood waters of the Feather River and is an essential feature of the Sacramento River Flood Control Project.

## Summary of Information Reported in 2010

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported that the relevant conditions do not differ from the FPIIB Spring and Fall Levee Inspection Reports.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported that the relief wells at LM 12.1 do not perform and that these relief wells need pumping and cleaning. The Agency stated that USACE was working on this problem.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished. Activities include gate repair, roadway grading, rodent control, vegetation burning and dragging.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities. Expenses include costs of gate repair, roadway grading, rodent control, vegetation burning and dragging. The reported total estimated cost for the fiscal year is \$331,344.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

The Agency reported the completion of a 3400-foot-long new Star Bend Set-Back Levee.



# Levee District No. 2

**Glenn County**

## **Contact**

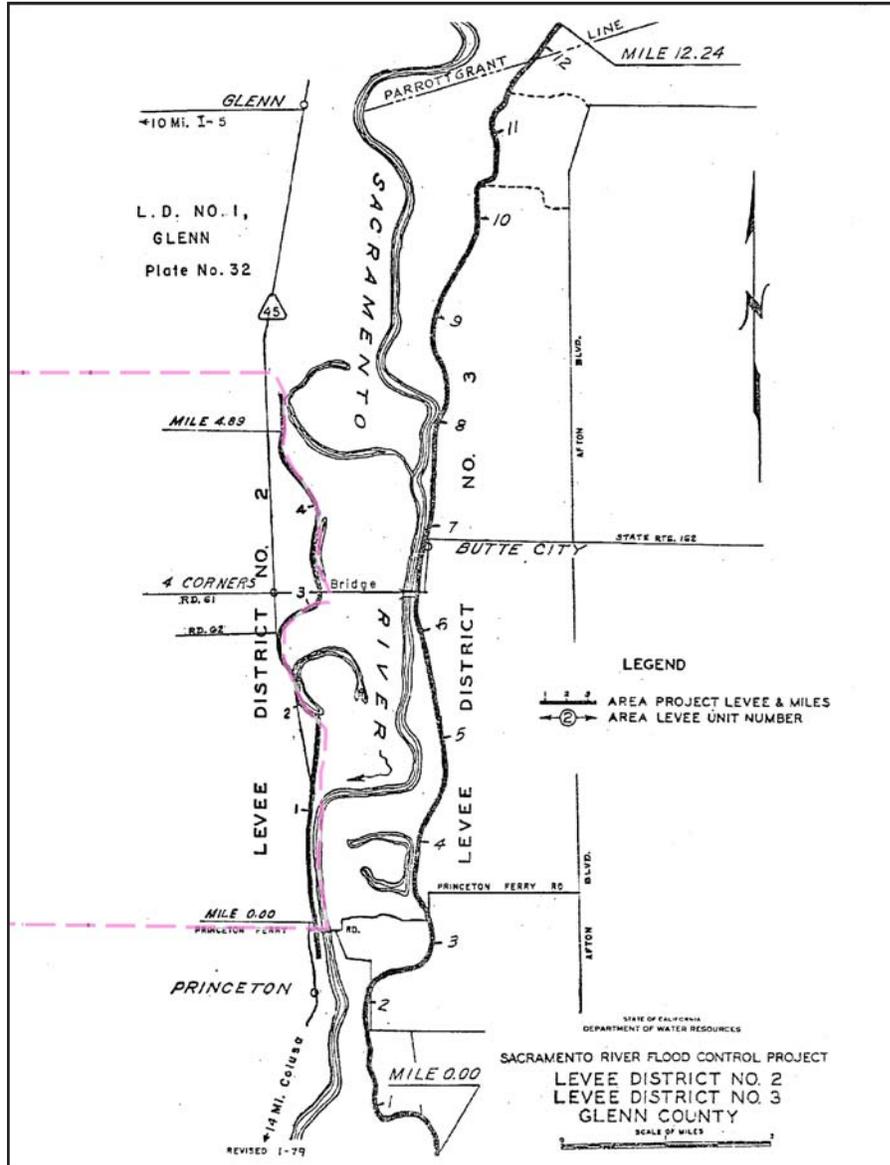
Dennis Clark • President

District Office • 7817 County Road 66

Princeton CA 95970 • Phone: (530) 518-2549

**SACRAMENTO SYSTEM: LEVEE DISTRICT NO. 2 (GLENN COUNTY)**

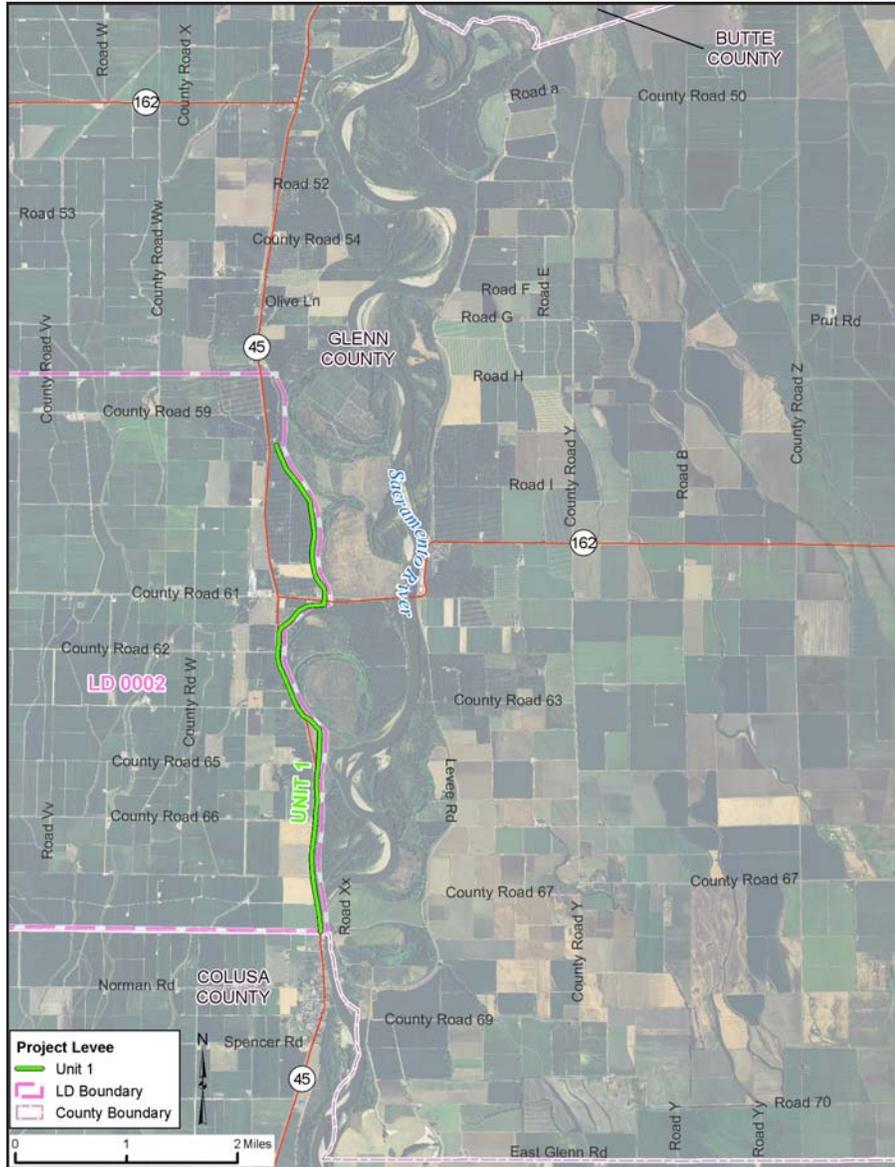
LD 2



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
LD0002	Levee District No. 0002 (Glenn County) Unit No. 01 Glenn County Sacramento River	RB	4.89

Levee District No. 2 (Glenn)



**USACE Operation and Maintenance Manual Information:**

**Title**

West Levee of Sacramento River from north boundary of Levee District 2 to north end of Princeton Warehouse

**Unit No.**

Sacramento River 139

**Protection Provided**

Direct protection to adjacent agricultural land and the town of Princeton.

## Summary of Information Reported in 2010

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency directed the referencing of DWR's 2010 Geotechnical Assessment Report, North NULE Study Area.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported that no new problems were known.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities. Activities include rodent baiting, slope dragging, vegetation burning and spraying.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities. Expenses include costs of rodent baiting, slope dragging, vegetation burning and spraying. The reported total estimated cost for the fiscal year is \$1,919.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

The Agency directed attention to DWR's 2010 Geotechnical Assessment Report, North NULE Study Area.

# Levee District No. 3

**Glenn County**

## **Contact**

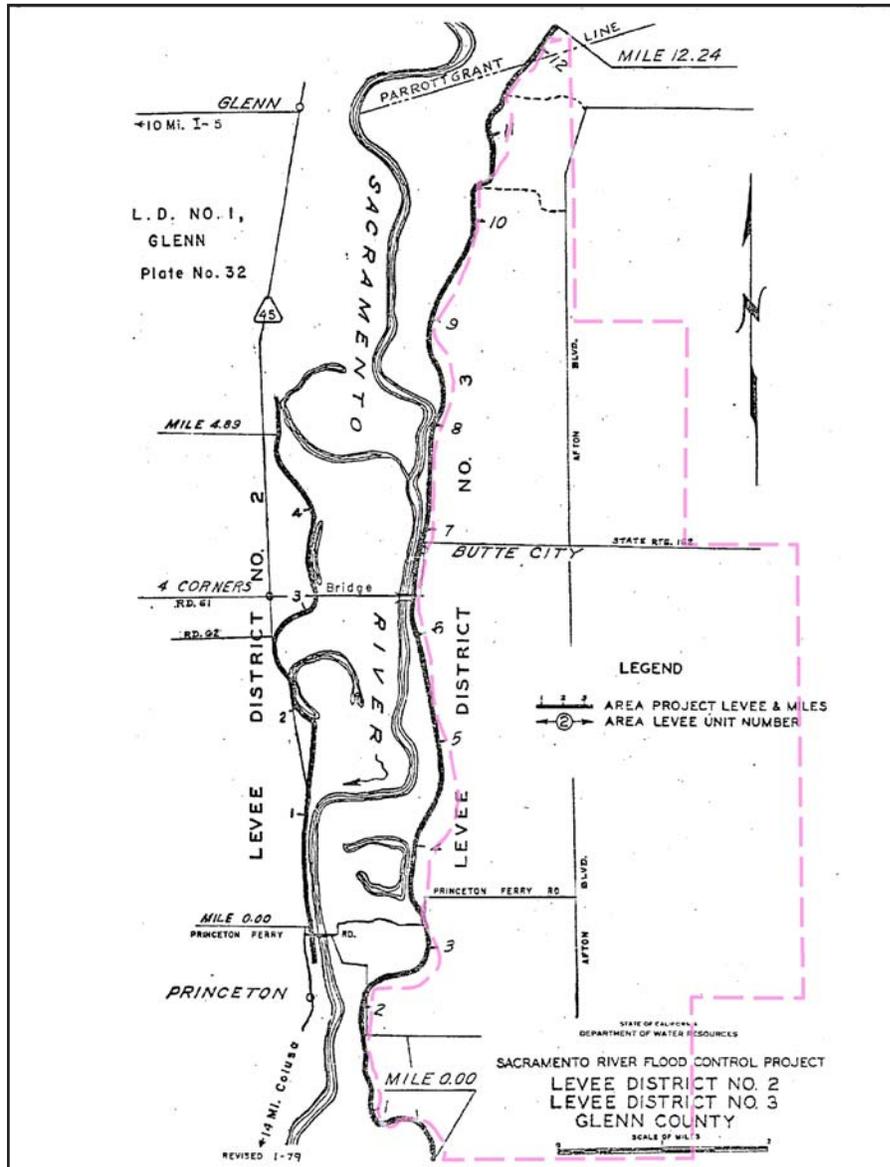
Eric Larabee • President

District Office • P.O. Box 172

Butte City CA 95920 • Phone: (530) 624-3852

**SACRAMENTO SYSTEM: LEVEE DISTRICT NO. 3 (GLENN COUNTY)**

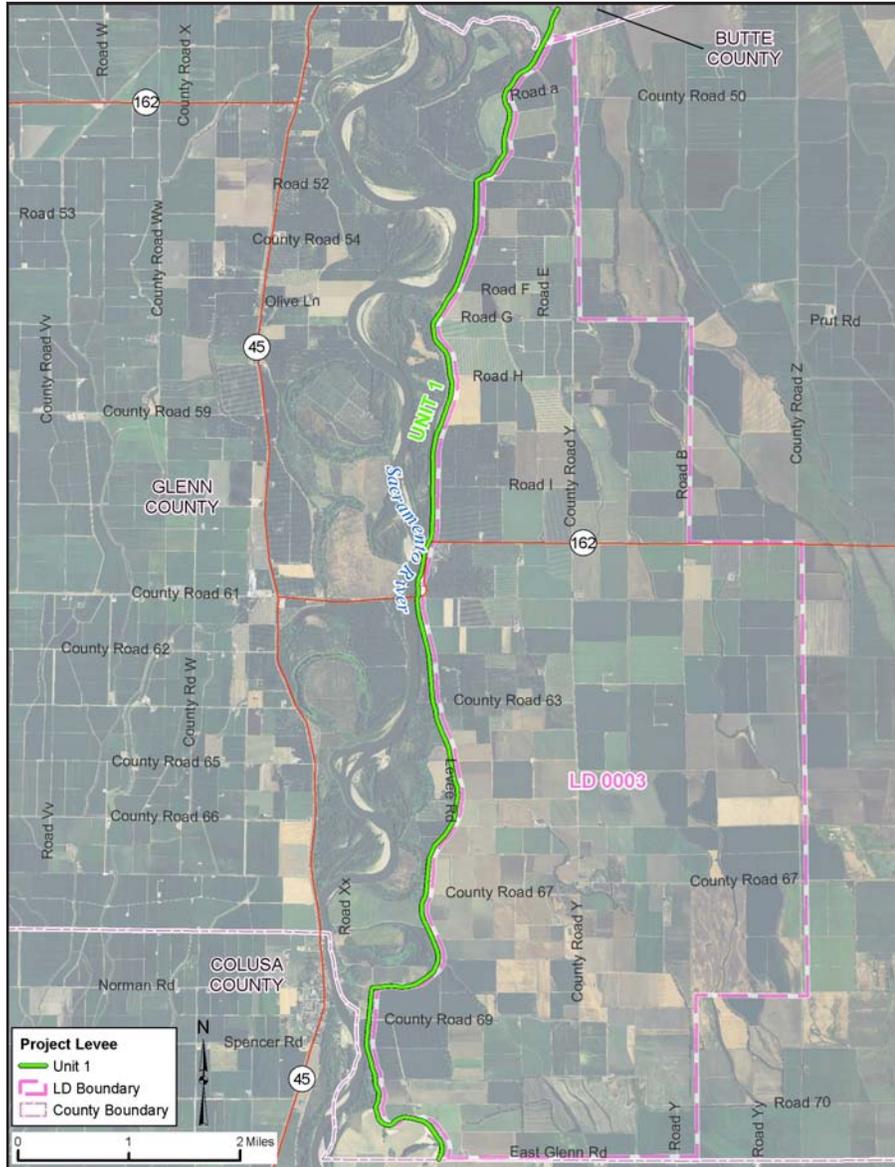
LD 3



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
LD0003	Levee District No. 0003 (Glenn County) Unit No. 01 Glenn County Sacramento River	LB	12.24

Levee District No. 3 (Glenn)



**USACE Operation and Maintenance Manual Information:**

**Title**

East Levee of Sacramento River Moulton Weir to Princeton-Butte City Road approximately 100 Miles upstream from Sacramento, CA

**Unit No.**

Sacramento River 2

**Protection Provided**

Direct protection to Levee District No. 3. Provides protection to approximately 1,000,000 acres of land in the Sacramento Valley.

**USACE Operation and Maintenance Manual Information:**

***Title***

East Levee of Sacramento River from Parrott Grant Line to Princeton-Afton Road

***Unit No.***

Sacramento River 138

***Protection Provided***

Adjacent agricultural lands and the town of Butte City.

***Title***

East Levee of Sacramento River from Butte Slough Outfall Gates to the Princeton-Afton Road Mile 138.3 to Mile 164.4

***Unit No.***

Sacramento River 136

***Protection Provided***

The levee provides protection to agricultural lands that lie easterly from the levee.

**Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 1.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 2.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

No information provided by the Agency for Part 3.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

No information provided by the Agency for Part 4.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.



# Levee District No. 9

**Sutter County**

## **Contact**

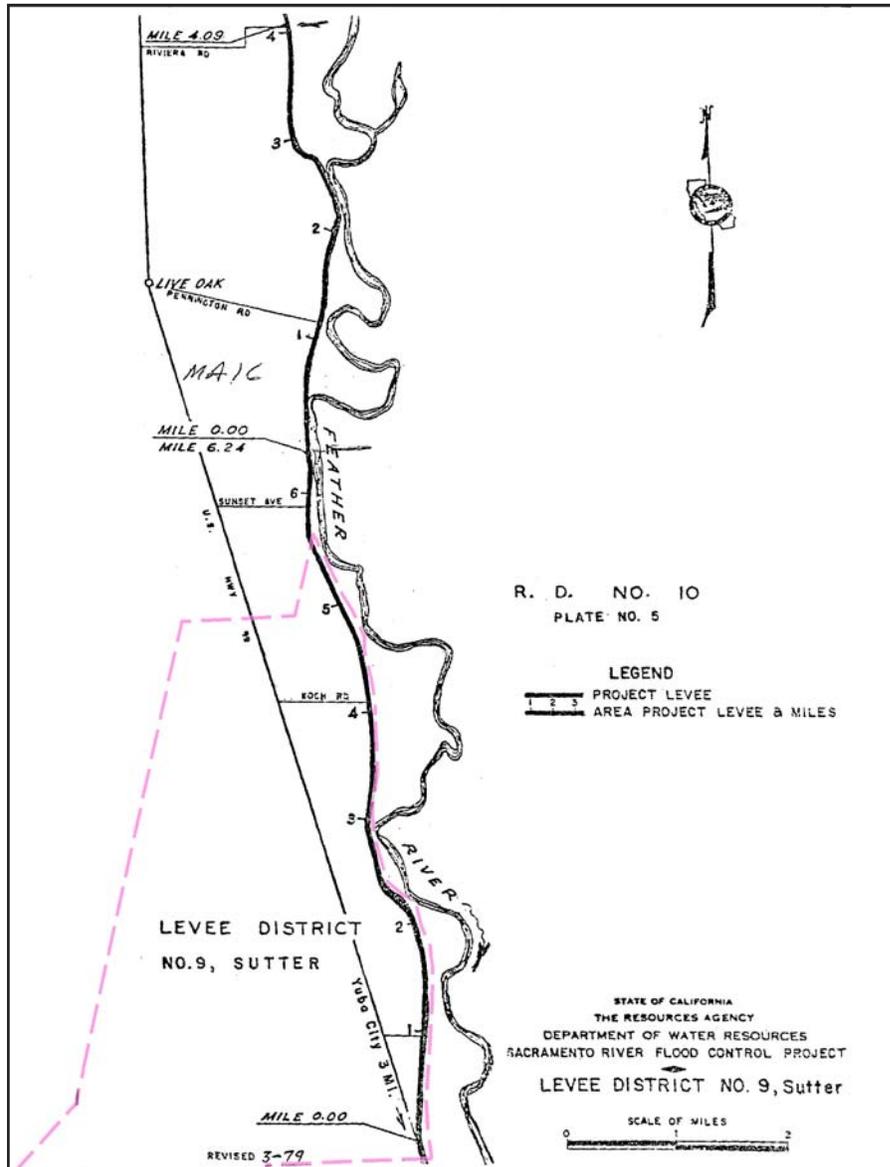
David Schmidl • Director

4710 Pennington Road • Live Oak CA 95953

Phone: (530) 218-3500

**SACRAMENTO SYSTEM: LEVEE DISTRICT NO. 9 (SUTTER COUNTY)**

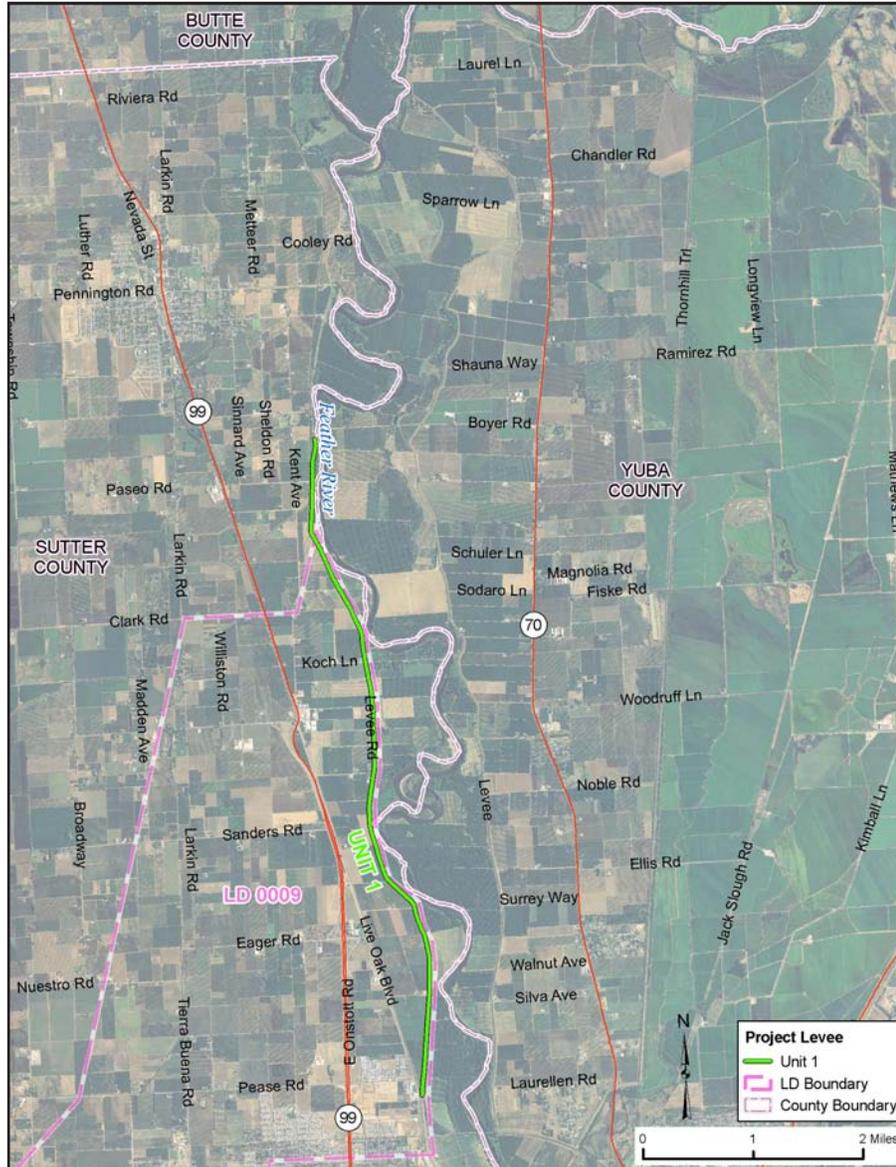
LD 9



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
LD0009	Levee District No. 0009 (Sutter County) Unit No. 01 Sutter County, Feather River	RB	6.24

Levee District No. 9 (Sutter)



**USACE Operation and Maintenance Manual Information:**

**Title**

Supplement To Standard Operation and Maintenance Manual, Sacramento River Flood Control Project Unit No. 148 West Levee of the Feather River from North Boundary of Reclamation District 777 to North Boundary of Levee District No. 1

**Unit No.**

Sacramento River 148

**Protection Provided**

The levee of this unit provides direct protection to the towns of Gridley, Live Oak and Yuba City, adjacent agricultural lands and against flood waters of the Feather River.

**Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 1.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 2.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

No information provided by the Agency for Part 3.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

No information provided by the Agency for Part 4.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

# Reclamation District No. 3 (Grand Island) Sacramento County

## Contact

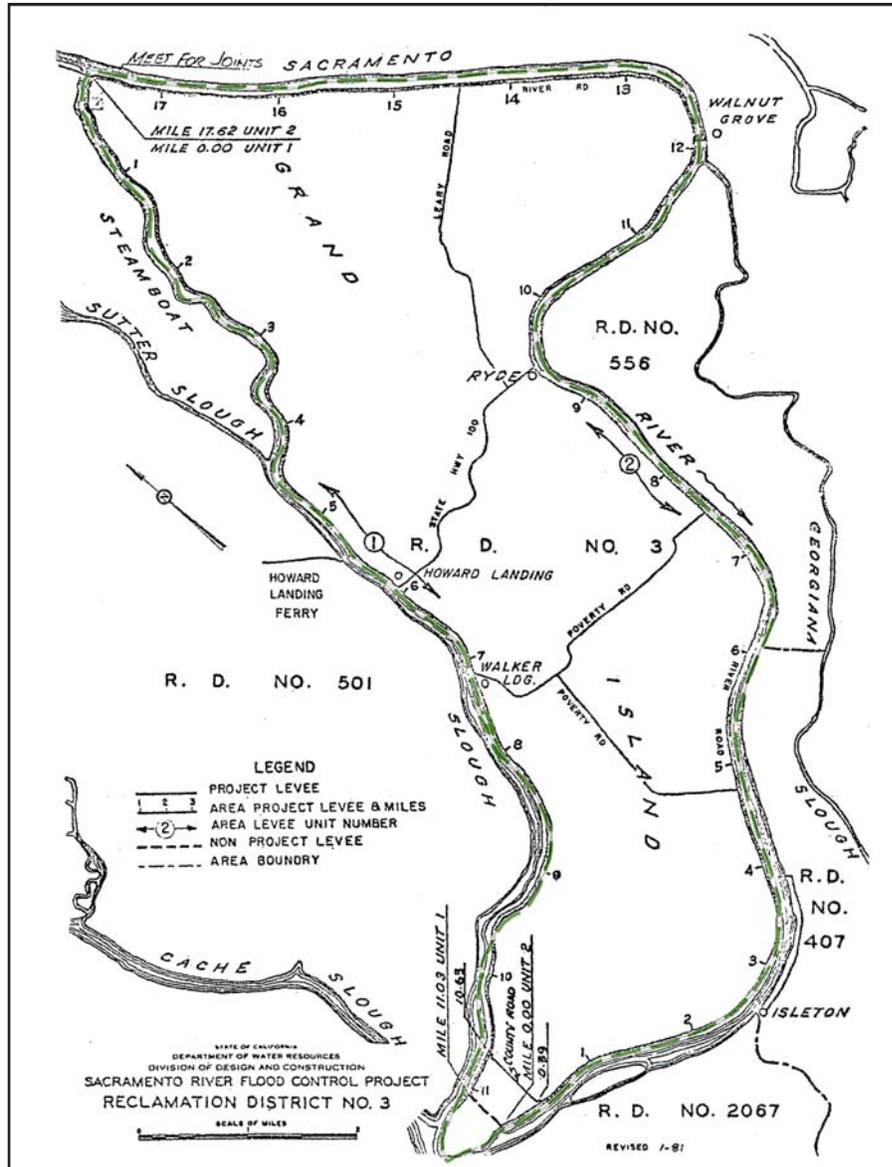
Ken Pucci • Chairman

District Office • P.O. Box 1011

Walnut Grove CA 95690 • Phone: (916) 776-1945

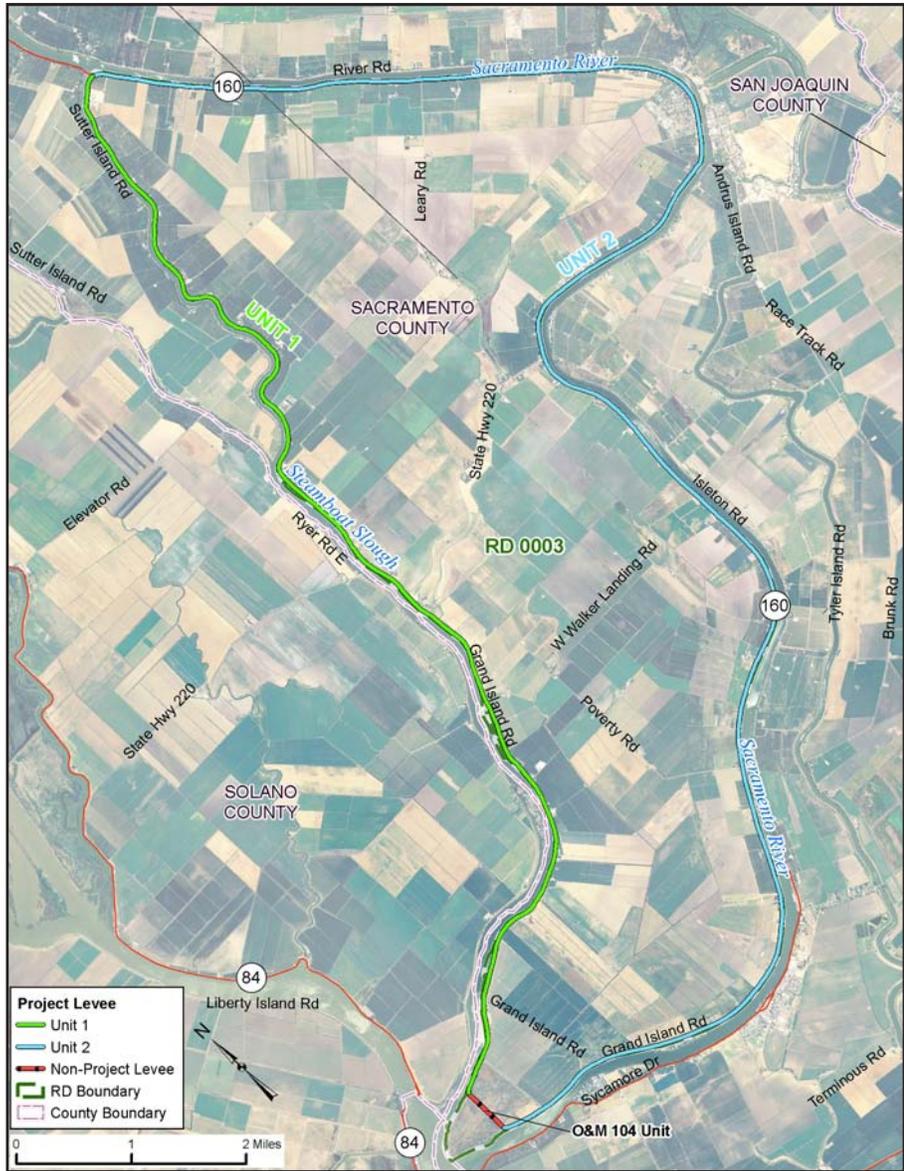
# SACRAMENTO SYSTEM: RECLAMATION DISTRICT NO. 3 (GRAND ISLAND)

RD 3



## Levee Information:

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD0003	Reclamation District No. 0003 (Grand Island)		
	Unit No. 01 Left Bank Steamboat Slough	LB	11.03
	Unit No. 02 Right Bank Sacramento River	RB	17.62



**USACE Operation and Maintenance Manual Information:**

**Title**

Levees around Grand Island Reclamation District 3

**Unit No.**

Sacramento River 104

**Protection Provided**

Provides direct protection to agricultural land within Reclamation District 3.

**Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency identified a seepage zone along the levee toe at Levee Unit 1, LM 6.30 to 6.50. The Agency reports the seepage zone has been repaired in the past and they plan to do additional repairs in 2011. The Agency also reported sinkholes and a seepage zone along the levee toe at Levee Unit 1, LM 4.73 to 4.88. The Agency also noted waterside slope erosion at Levee Unit 1, LM 0.18 to 0.24 and 0.92 to 0.97.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported sinkholes and a seepage zone along the levee toe at Levee Unit 1, LM 4.73 to 4.88. The Agency also reported waterside slope erosion at Levee Unit 1, LM 0.18 to 0.24 and 0.92 to 0.97.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished for all levee units. Activities include encroachment control, erosion repair, inspections, rodent baiting, trapping, surveying and engineering, vegetation burning, grazing, mowing, and spraying.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities for all levee units. Expenses include costs of encroachment control, erosion repair, inspections, rodent baiting, trapping, surveying and engineering, vegetation burning, grazing, mowing, and spraying. The reported total estimated cost for the fiscal year is \$1,527,500.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

The Agency reported a Memorandum of Understanding with Caltrans to provide support and vegetation control along Highway 160 right-of-way at LM 3.60 to 17.33. The Agency also noted a Caltrans permit to access the Highway 160 easement for levee maintenance projects.

# Reclamation District No. 10 (Honcut) Yuba County

## Contact

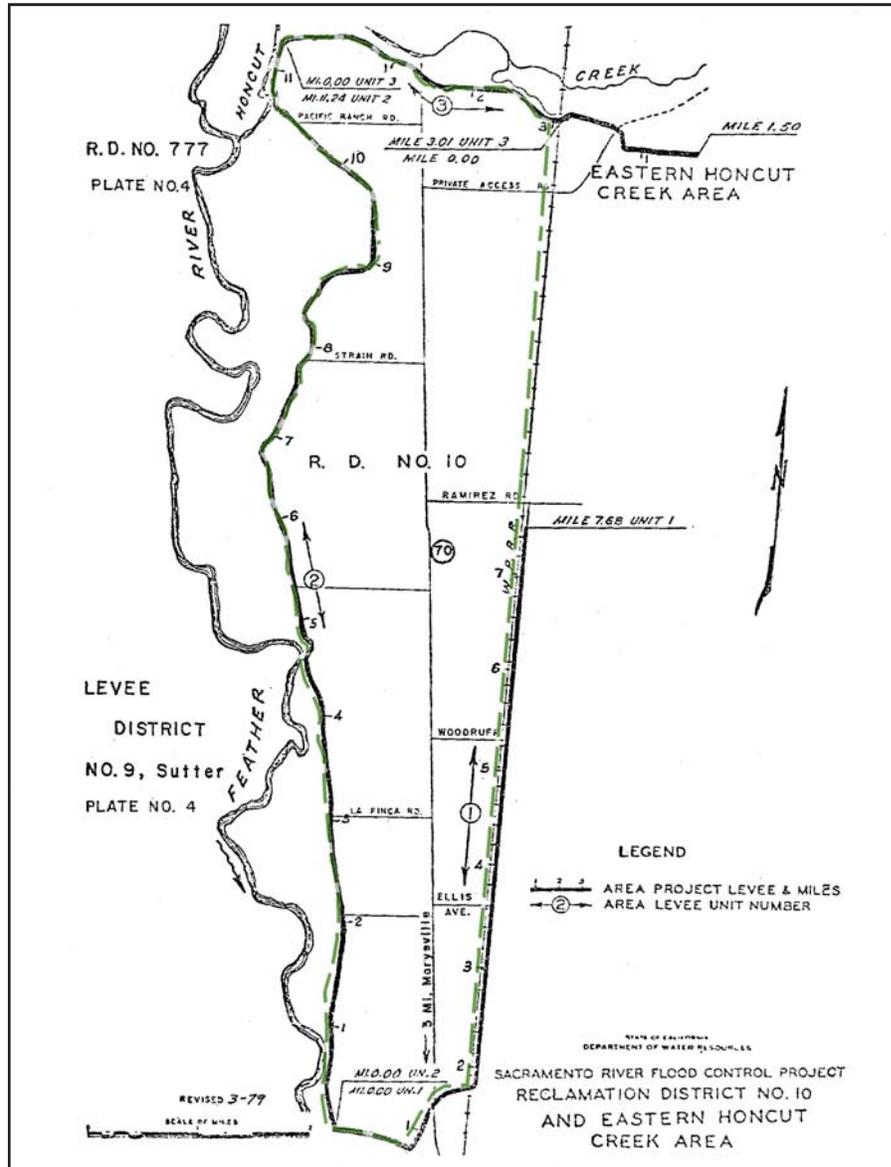
Tom Schultz • President

District Office • 10204-A Highway 70

Marysville CA 95901 • Phone: (530) 743-6422

**SACRAMENTO SYSTEM: RECLAMATION DISTRICT NO. 10 (HONCUT)**

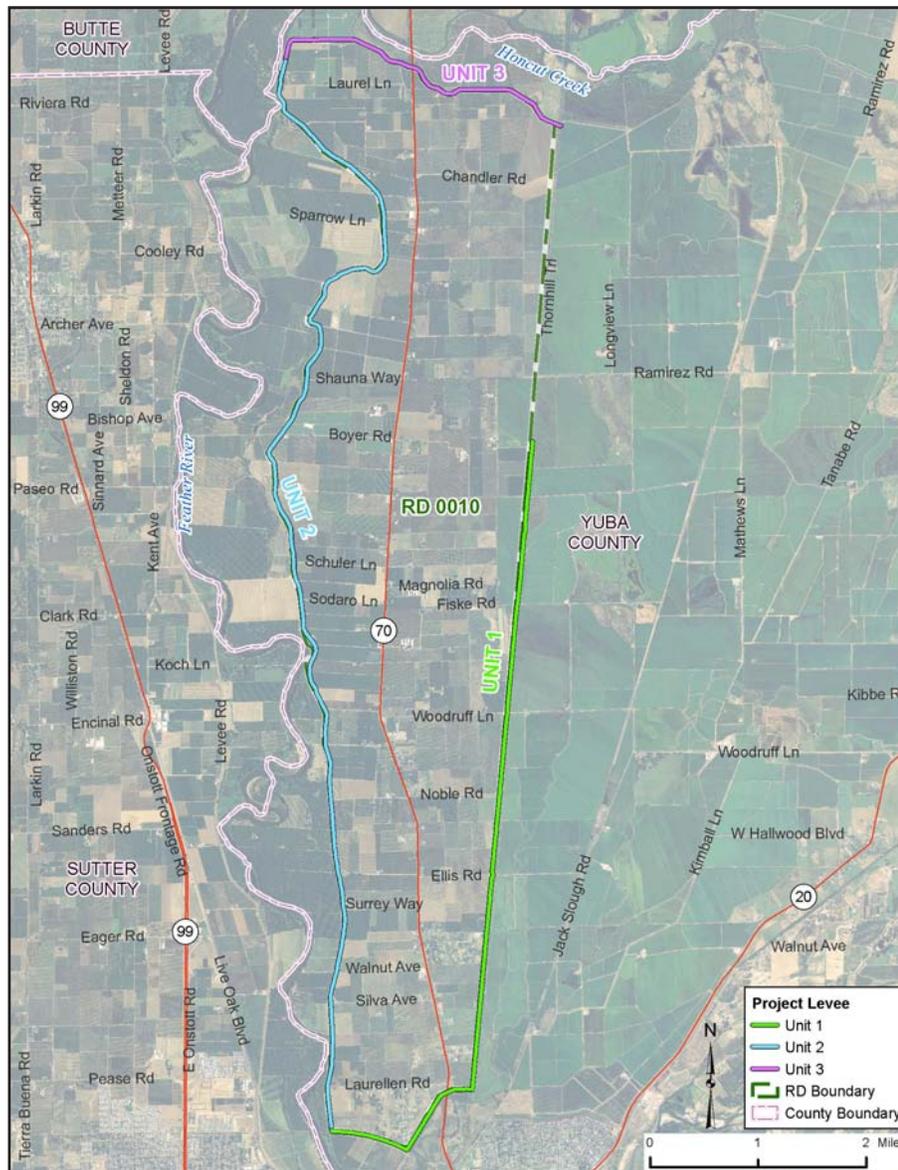
**RD 10**



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD0010	Reclamation District No. 0010 (Honcut)		
	Unit No. 01 Simmerly Slough	RB	7.68
	Unit No. 02 Feather River	LB	11.24
	Unit No. 03 Honcut Creek	LB	3.01

Reclamation District No. 10 (Honcut)



**USACE Operation and Maintenance Manual Information:**

**Title**

East Levee Feather River from Honcut Creek to Marysville & South Levee of Honcut Creek & East Levee of Reclamation District 10

**Unit No.**

Sacramento River 151

**Protection Provided**

Protect adjacent agricultural lands lying within Reclamation District 10 from a flood flow of 5,000 cfs in Honcut Creek and a flood flow of 210,000 cfs in the Feather River.

**Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 1.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 2.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

No information provided by the Agency for Part 3.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

No information provided by the Agency for Part 4.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

**RD 10**

**Reclamation District No. 10 (Honcut)**

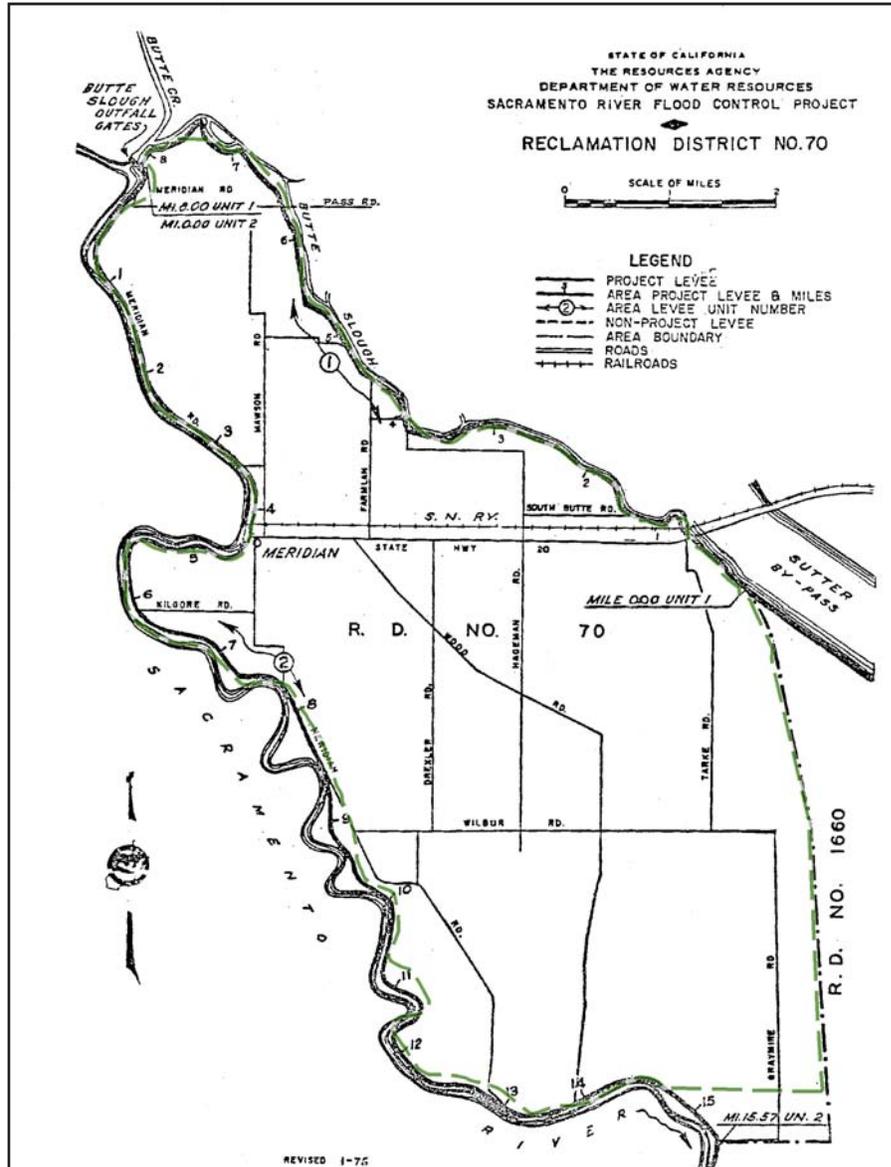
# Reclamation District No. 70 (Meridian) Sutter County

## Contact

Ron Long • General Manager  
P.O. Box 129 • Meridian CA 95957  
Phone: (530) 696-2569

**SACRAMENTO SYSTEM: RECLAMATION DISTRICT NO. 70 (MERIDIAN)**

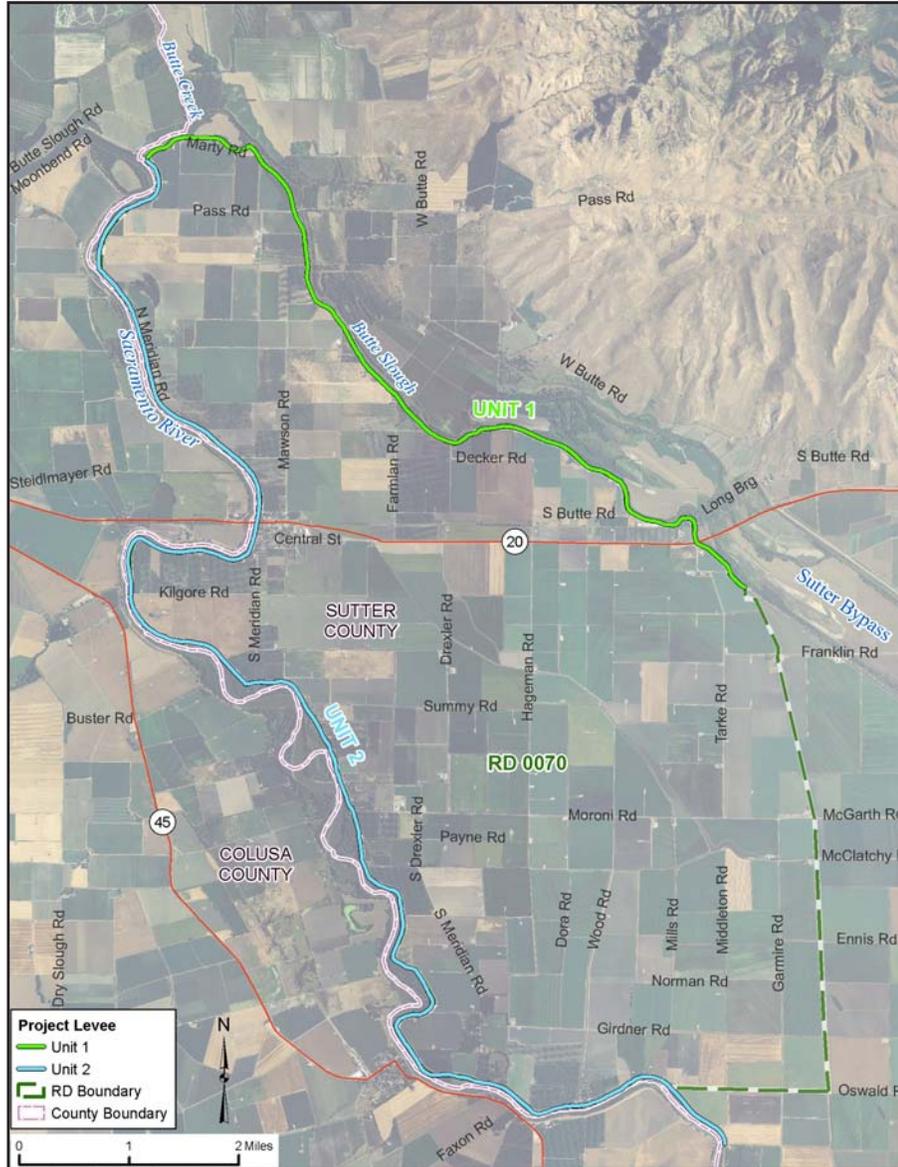
RD 70



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD0070	Reclamation District No. 0070 (Meridian)		
	Unit No. 01 Sutter Bypass	RB	8.00
	Unit No. 02 Sacramento River	LB	15.57

Reclamation District No. 70 (Meridian)



**USACE Operation and Maintenance Manual Information:**

**Title**

Levees of Reclamation District 70 East Levee of Sacramento River from Butte Slough Outfall Gates to Winship School and West Levee of Sutter Bypass from Butte Slough Outfall Gates to Long Bridge

**Unit No.**

Sacramento River 134

**Protection Provided**

Designed to protect adjacent agricultural lands and the town of Meridian.

**Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 1.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 2.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished for all levee units. Activities include patrolling, rodent control, vegetation burning, dragging, spraying and tree trimming.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The reported total estimated cost for the fiscal year is \$250,000.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

# Reclamation District No. 108 (River Farms) Colusa County

## Contact

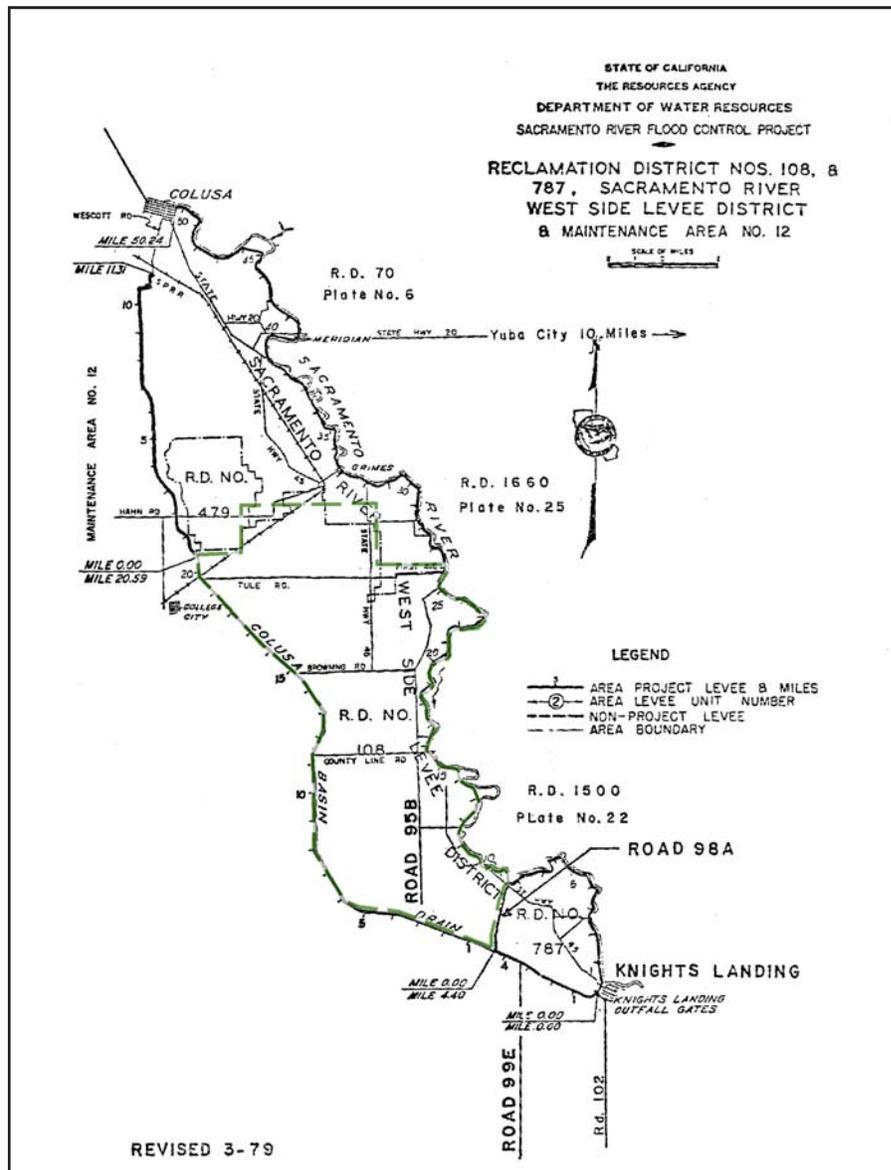
Lewis Blair • Manager

District Office • P.O. Box 50

Grimes CA 95950 • Phone: (530) 437-2221

**SACRAMENTO SYSTEM: RECLAMATION DISTRICT NO. 108 (RIVER FARMS)**

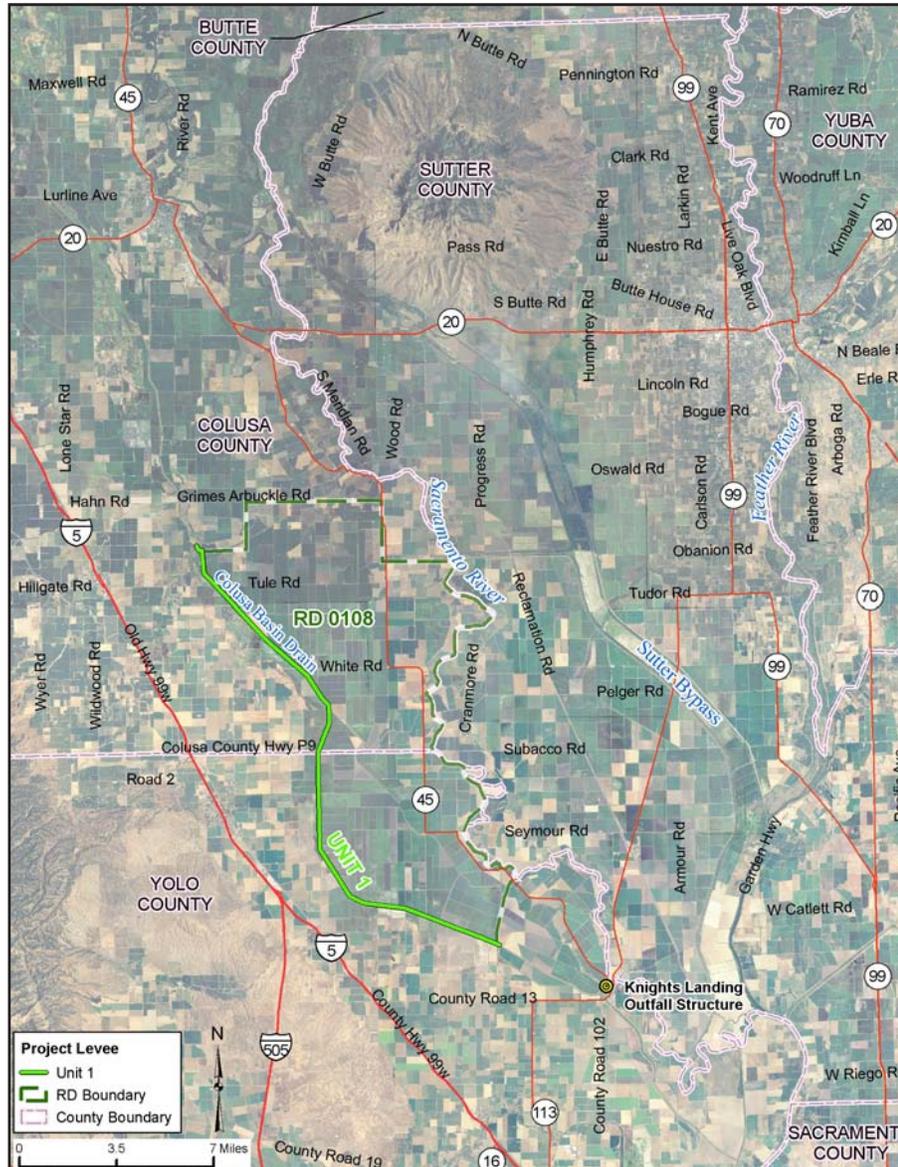
**RD 108**



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD0108	Reclamation District No. 0108 (River Farms) Unit No. 01 Colusa Basin Drain	LB	20.59

Reclamation District No. 108 (River Farms)



**RD 108**

**USACE Operation and Maintenance Manual Information:**

**Title**

Back Levees of Reclamation District 108

**Unit No.**

Sacramento River 132

**Protection Provided**

Provides direct protection to about 100,000 acres of adjacent developed agricultural lands against flood waters in the Colusa Basin. There are only a few scattered buildings and residences in the area protected.

**Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported that the relevant conditions do not differ from the FPIIB 2010 Spring Levee Inspection Report.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported subsidence at LM 16 to 18.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished. Activities include roadway grading, maintenance, rodent baiting, trapping, vegetation burning, dragging and spraying.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities. Expenses include costs of roadway grading, maintenance, rodent baiting, trapping, vegetation burning, dragging and spraying. The reported total estimated cost for the fiscal year is \$34,000.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

**RD 108**

**Reclamation District No. 108 (River Farms)**

# Reclamation District No. 150 (Merrit Island) Yolo County

## Contact

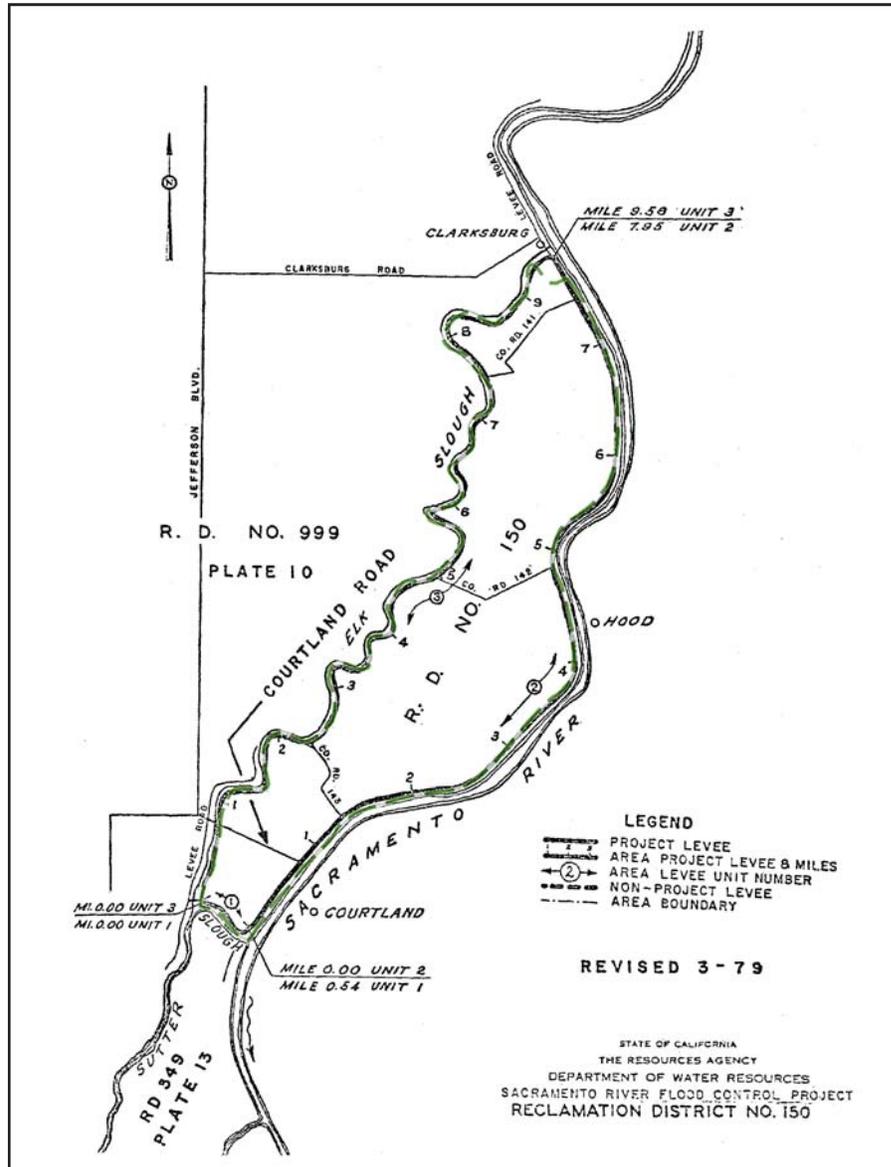
Warren Bogle • President

37783 County Rd 144 • Clarksburg CA 95612

Phone: (916) 744-1139

**SACRAMENTO SYSTEM: RECLAMATION DISTRICT NO. 150 (MERRIT ISLAND)**

**RD 150**



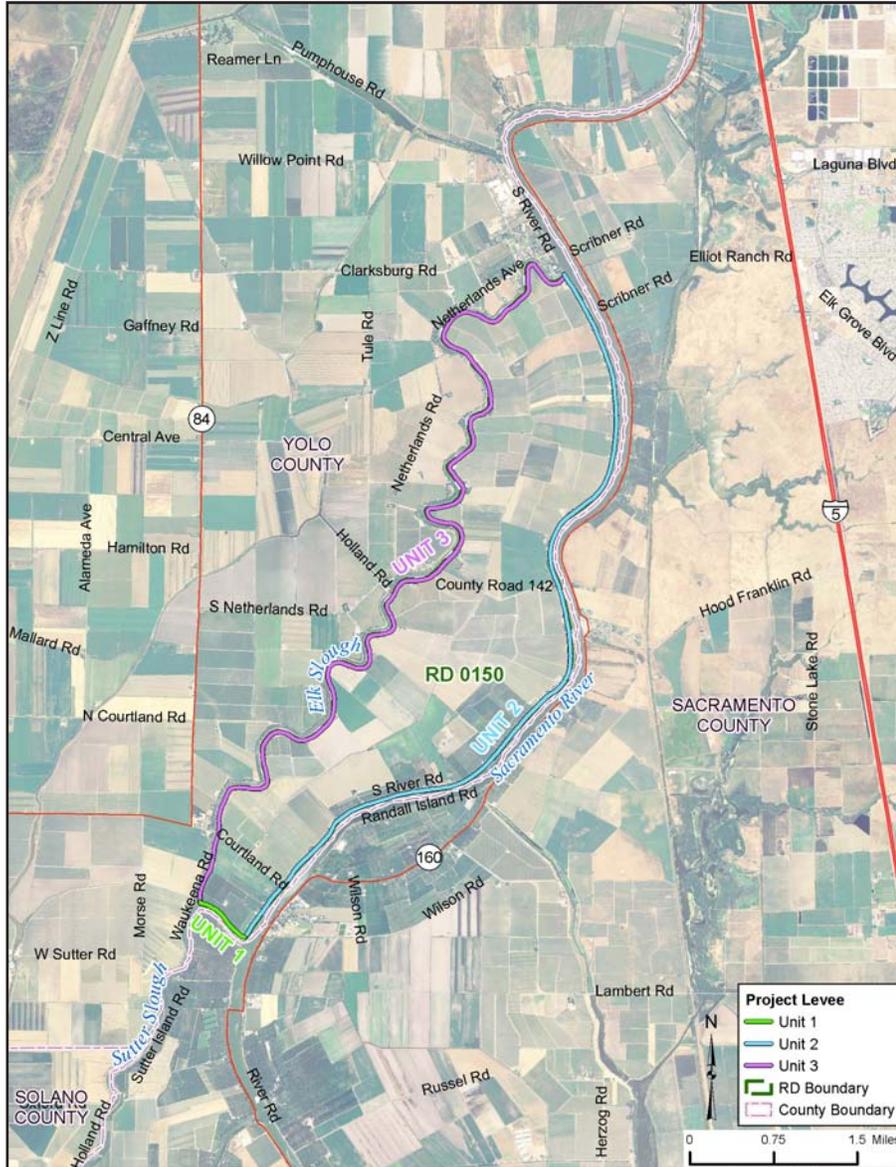
**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD0150	Reclamation District No. 0150 (Merrit Island)		
	Unit No. 01 Sutter Slough	LB	0.54
	Unit No. 02 Sacramento River	RB	7.95
	Unit No. 03 Elk Slough	LB	9.58

Reclamation District No. 150 (Merrit Island)

**SACRAMENTO SYSTEM: RECLAMATION DISTRICT NO. 150 (MERRIT ISLAND)**

**RD 150**



**USACE Operation and Maintenance Manual Information:**

**Title**

Levee around Merritt Island

**Unit No.**

Sacramento River 112

**Protection Provided**

The levees provide protection to agricultural land on Merritt Island against flood waters of the Sacramento River, Sutter Slough, and Elk Slough.

Reclamation District No. 150 (Merritt Island)

## Summary of Information Reported in 2010

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported that the relevant conditions do not differ from the FPIIB Spring and Fall Levee Inspection Reports.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported no new relevant information on impairments or compromising conditions.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished for all levee units and the locations of these activities. Activities include erosion repair, gate maintenance, inspections, rodent baiting, trapping, vegetation spraying, mowing, grazing and tree trimming.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities for all levee units. Expenses include costs of erosion repair, gate maintenance, inspections, rodent baiting, trapping, vegetation spraying, mowing, grazing and tree trimming. The reported total estimated cost for the fiscal year is \$215,000.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

The Agency stated that there was no new information to report on levee condition or performance.

# Reclamation District No. 307 (Lisbon) Yolo County

## Contact

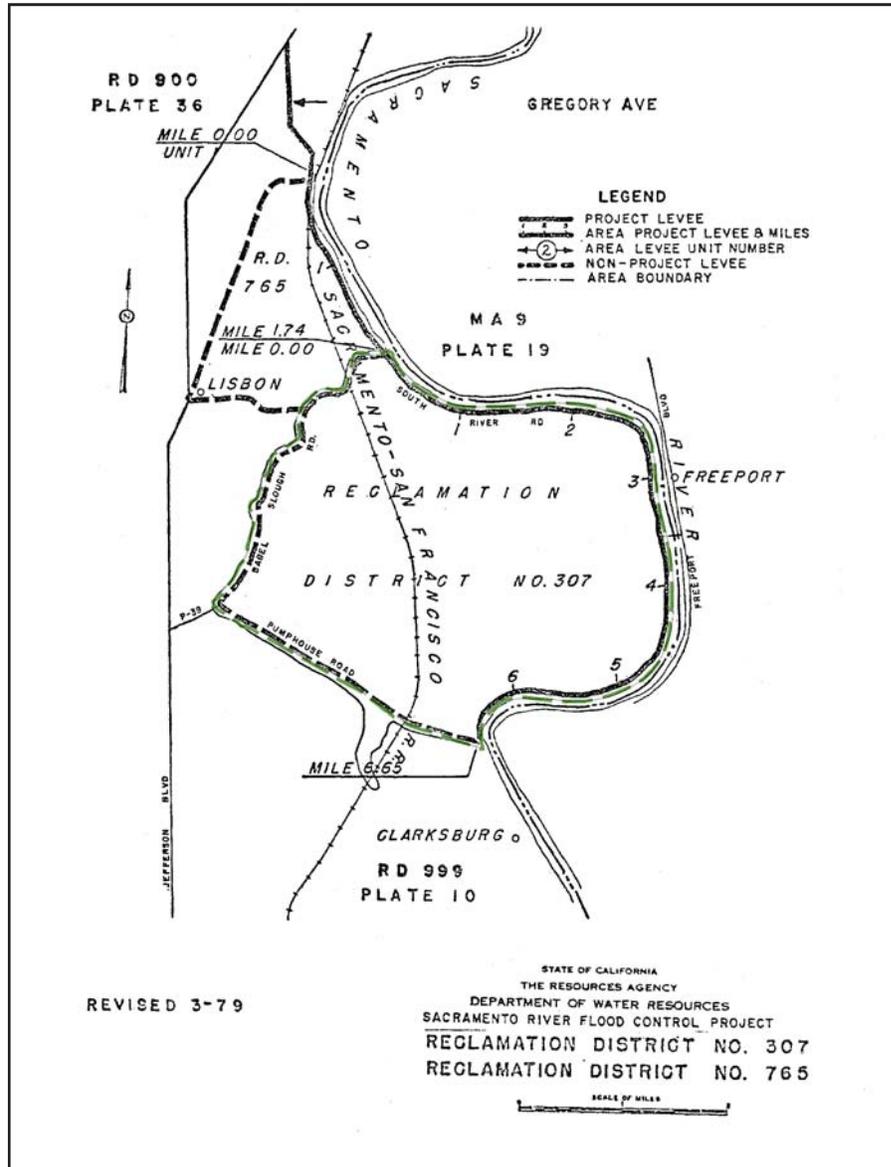
Pete Dwyer • Manager

P.O. Box 518 • Clarksburg CA 95612

Phone: (916) 371-2351

**SACRAMENTO SYSTEM: RECLAMATION DISTRICT NO. 307 (LISBON)**

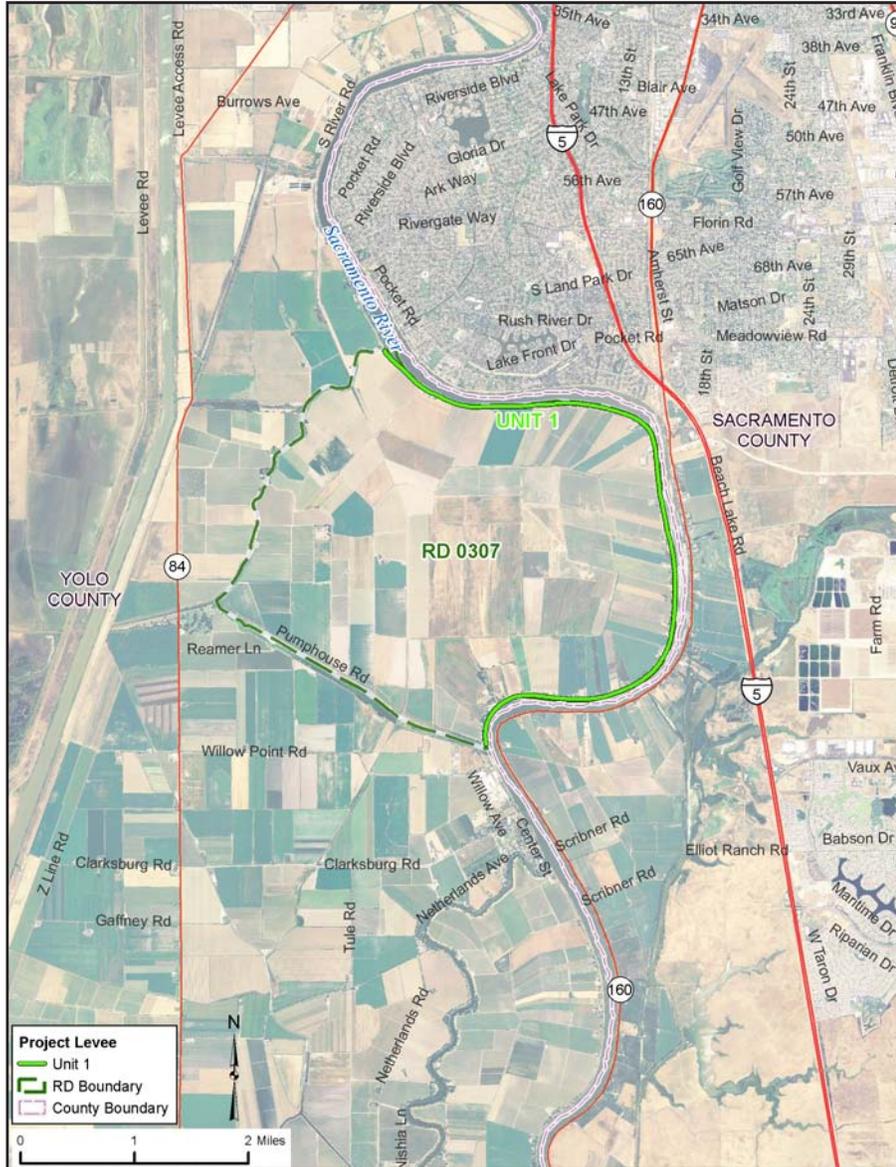
**RD 307**



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD0307	Reclamation District No. 0307 (Lisbon) Unit No. 01 Sacramento River	RB	6.65

Reclamation District No. 307 (Lisbon)



**RD 307**

**USACE Operation and Maintenance Manual Information:**

**Title**

West Levee of Sacramento River from North Boundary of Reclamation District 765 to South Boundary of Reclamation District 307

**Unit No.**

Sacramento River 114

**Protection Provided**

The levee provides direct protection to adjacent agricultural land and the town of Clarksburg, CA against flood waters of the Sacramento River.

**Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency directed the referencing of the latest FPIIB Levee Inspection Report.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency directed the referencing of the latest FPIIB Levee Inspection Report.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished. Activities include debris removal, encroachment control, flood emergency planning, inspections, levee drainage control, roadway grading, repair, rodent control, vegetation control and waterside slope protection.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities. Expenses include costs of debris removal, encroachment control, flood emergency planning, inspections, levee drainage control, roadway grading, repair, rodent control, vegetation control and waterside slope protection. The reported total estimated cost for the fiscal year is \$18,782.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

The Agency stated that they look forward to providing more accurate information in the future.

**RD 307**

**Levee District No. 307 (Lisbon)**

# Reclamation District No. 341 (Sherman Island) Sacramento County

## Contact

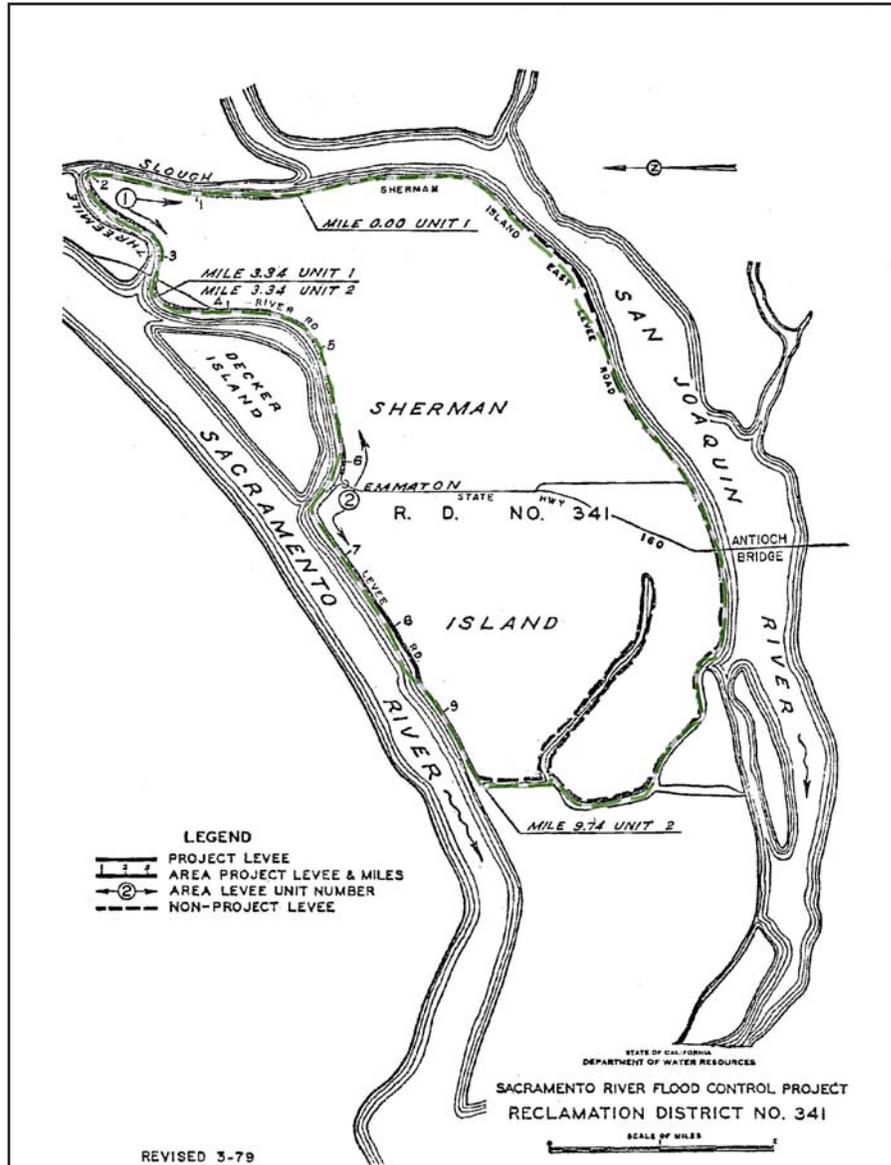
Juan Mercado Jr • President

District Office • 18419 State Highway 160

Rio Vista CA 94571 • Phone: (916) 777-4244

**SACRAMENTO SYSTEM: RECLAMATION DISTRICT NO. 341 (SHERMAN ISLAND)**

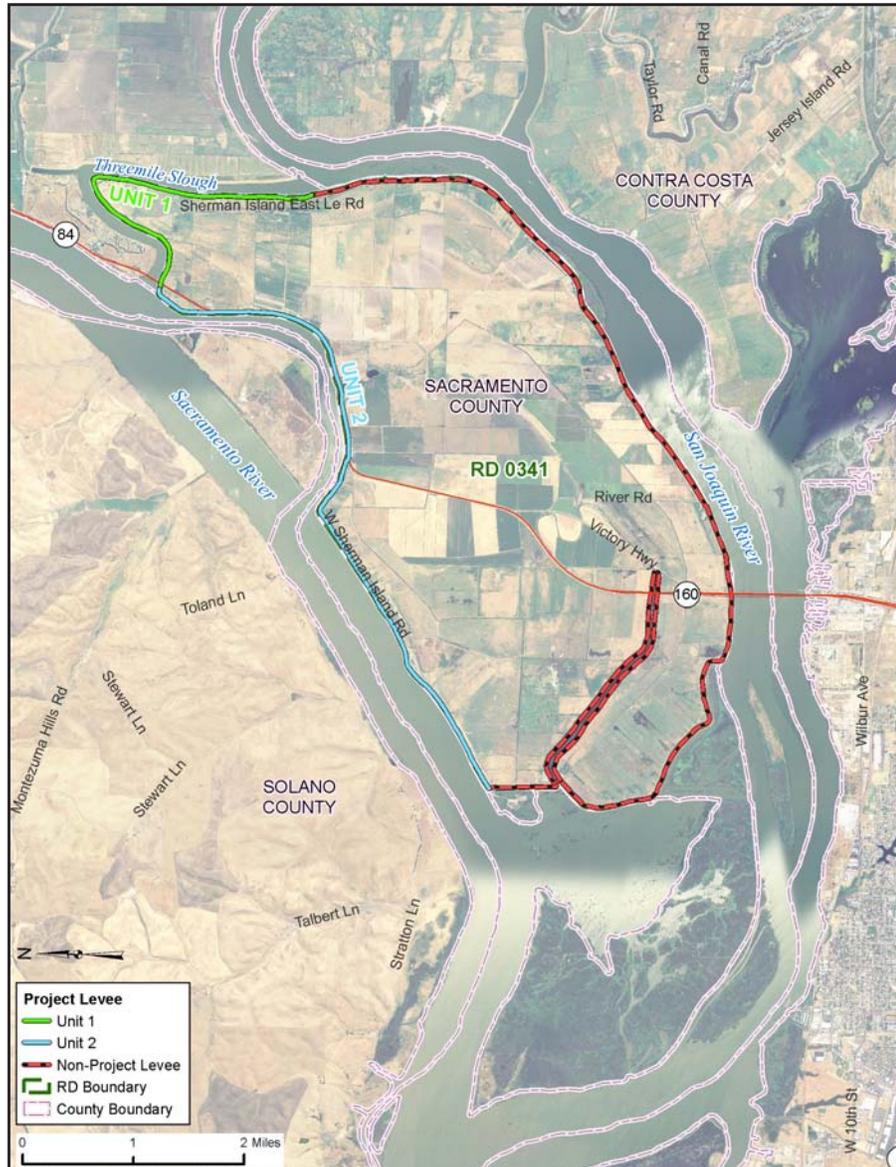
**RD 341**



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD0341	Reclamation District No. 0341 (Sherman Island)		
	Unit No. 01 Threemile Slough	RB	3.34
	Unit No. 02 Sacramento River	LB	6.28

Reclamation District No. 341 (Sherman Island)



**RD 341**

**USACE Operation and Maintenance Manual Information:**

**Title**

Reclamation District 341

**Unit No.**

Sacramento River 101

**Protection Provided**

Provides direct protection to about 10,000 acres of agricultural lands and a State highway against floodwaters of the Sacramento River and Thremile Slough.

## Summary of Information Reported in 2010

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency directed the referencing of the latest FPIIB Levee Inspection Report.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency directed the referencing of the latest FPIIB Levee Inspection Report. The Agency identified slope protection in need of repair at Levee Unit 2, LM 6.57 to 9.41. The Agency has applied for repair funding for this area through the Delta Levees Special Flood Control Projects Program. The Agency also stated they are awaiting funding for seepage repair at Levee Unit 2, LM 5.05 to 6.01.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished for all levee units and the locations of these activities. Activities include erosion repair, riprap slope protection repair, rodent baiting and trapping, vegetation mowing, spraying and tree trimming.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities for all levee units and the locations of these activities. Expenses include costs of debris removal, encroachment control, engineering services, erosion repair, flood emergency planning, habitat assessment, inspections, rodent control, slope protection repair, toe ditch cleaning, vegetation control and other maintenance. The reported total estimated cost for the fiscal year is \$294,000.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

# Reclamation District No. 349 (Sutter Island) Sutter County

## Contact

Tom Mayes • President

District Office • P.O. Box 368

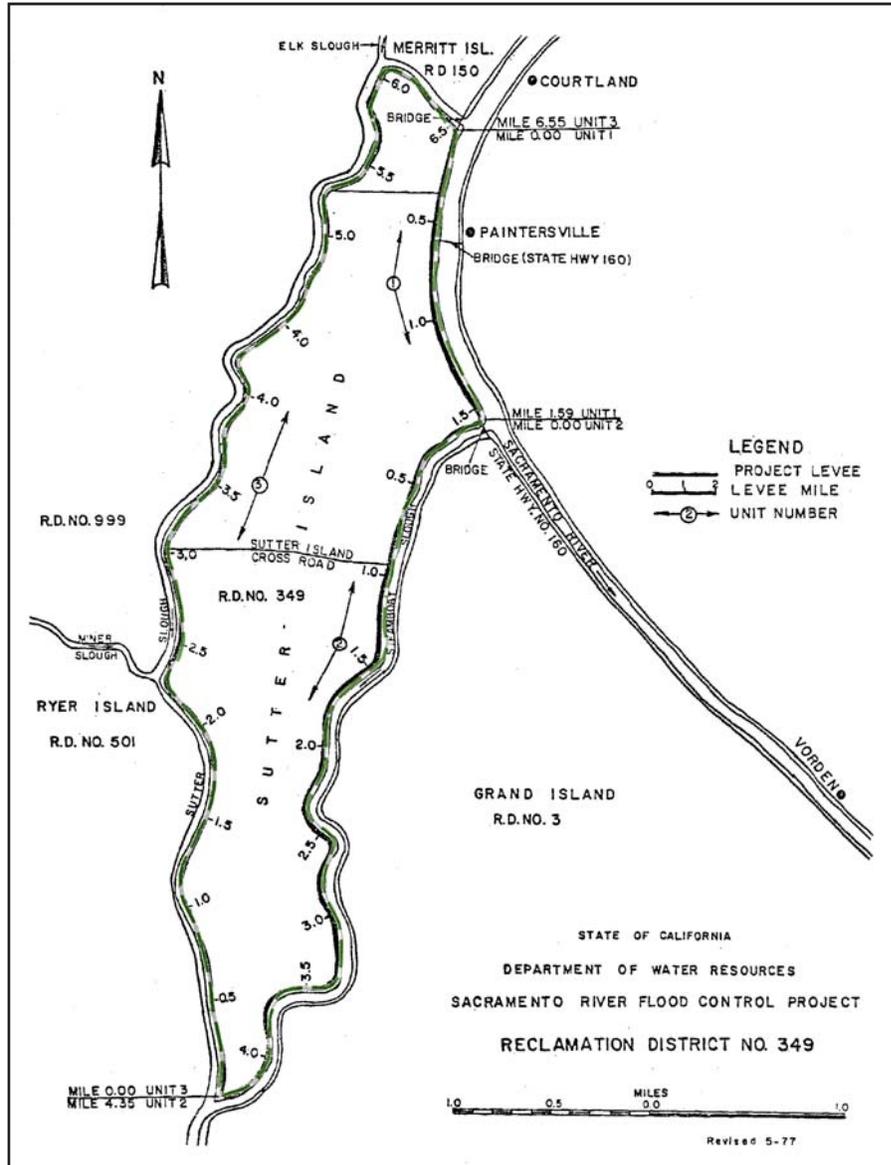
Courtland CA 95615 • Phone: (916) 775-1516

RD 349

Reclamation District No. 349 (Sutter Island)

**SACRAMENTO SYSTEM: RECLAMATION DISTRICT NO. 349 (SUTTER ISLAND)**

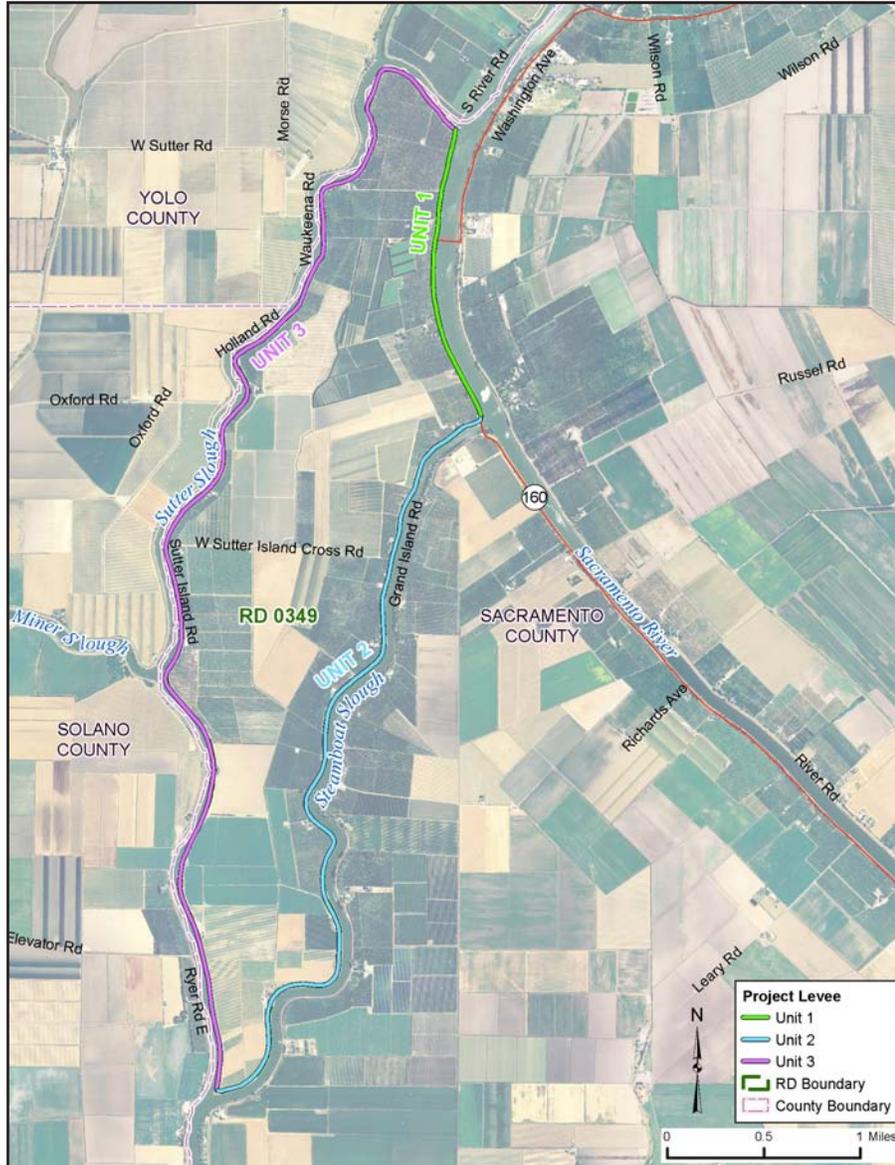
**RD 349**



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD0349	Reclamation District No. 0349 (Sutter Island)		
	Unit No. 01 Sacramento River	RB	1.59
	Unit No. 02 Steamboat Slough	RB	4.35
	Unit No. 03 Sutter Slough	LB	6.55

Reclamation District No. 349 (Sutter Island)



**RD 349**

**USACE Operation and Maintenance Manual Information:**

**Title**

Levees around Sutter Island Reclamation District 349

**Unit No.**

Sacramento River 110

**Protection Provided**

Provides direct protection to about 2,380 acres of agricultural land that comprises Sutter Island, against floodwaters of the Sacramento River, Steamboat Slough and Sutter Slough.

## **Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported vegetation and erosion at Levee Unit 1, downstream of Paintersville Bridge, vegetation, encroachments, erosion and revetment at Levee Unit 2, LM 2.0 to 3.5 and Levee Unit 3, LM 5.5 to 6.0.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported erosion into levee prism at Levee Unit 1, LM 0.8, steep bank and loss of revetment at Levee Unit 2, LM 2.0 and 2.5 and inadequate revetment at Levee Unit 3, LM 2.75 to 3.00 and 5.7 to 6.0.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished for all levee units. Activities include vegetation control.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of maintenance activities accomplished for all levee units. Activities include vegetation control.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

# Reclamation District No. 369 (Libby McNeil) Sacramento County

RD 369

## Contact

Clarence Chu • Manager

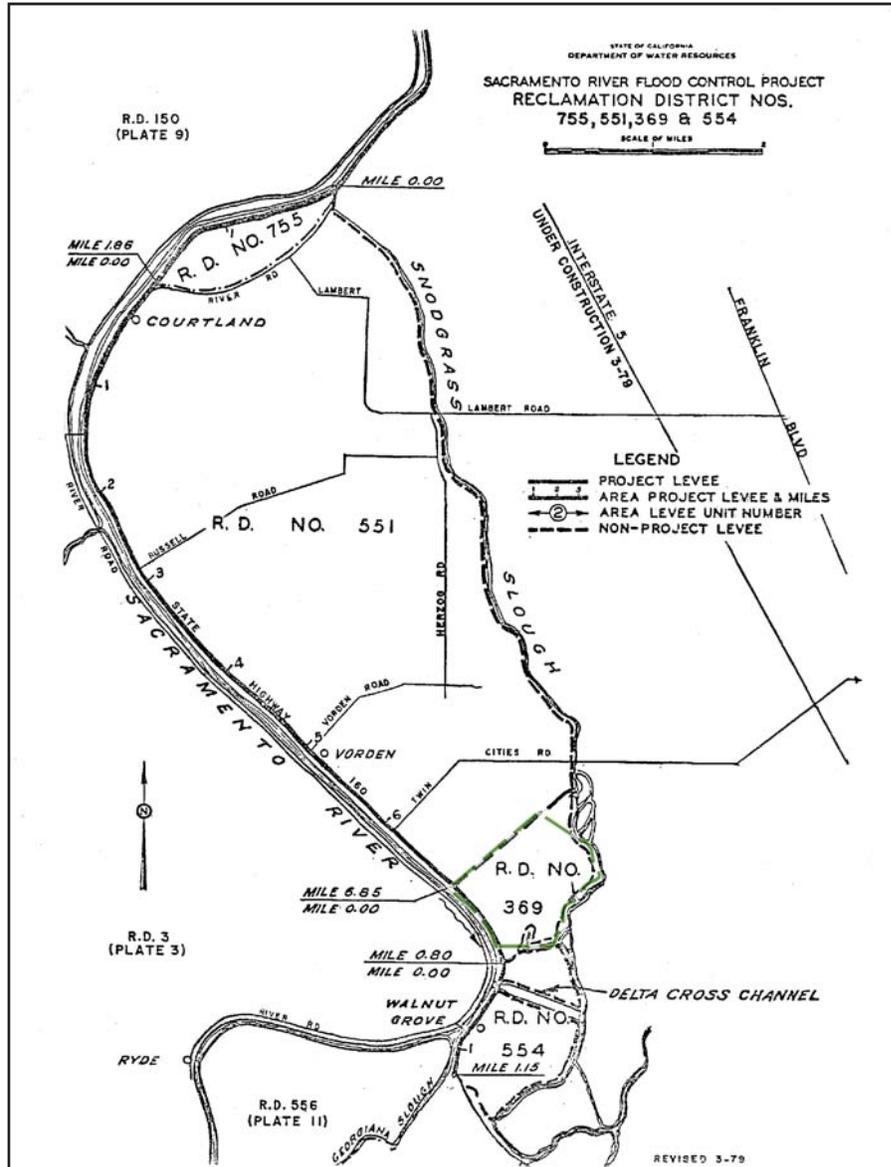
District Office • P.O. Box 987

Locke CA 95690 • Phone: (916) 776-1661

Reclamation District No. 369 (Libby McNeil)

**SACRAMENTO SYSTEM: RECLAMATION DISTRICT NO. 369 (LIBBY MCNEIL)**

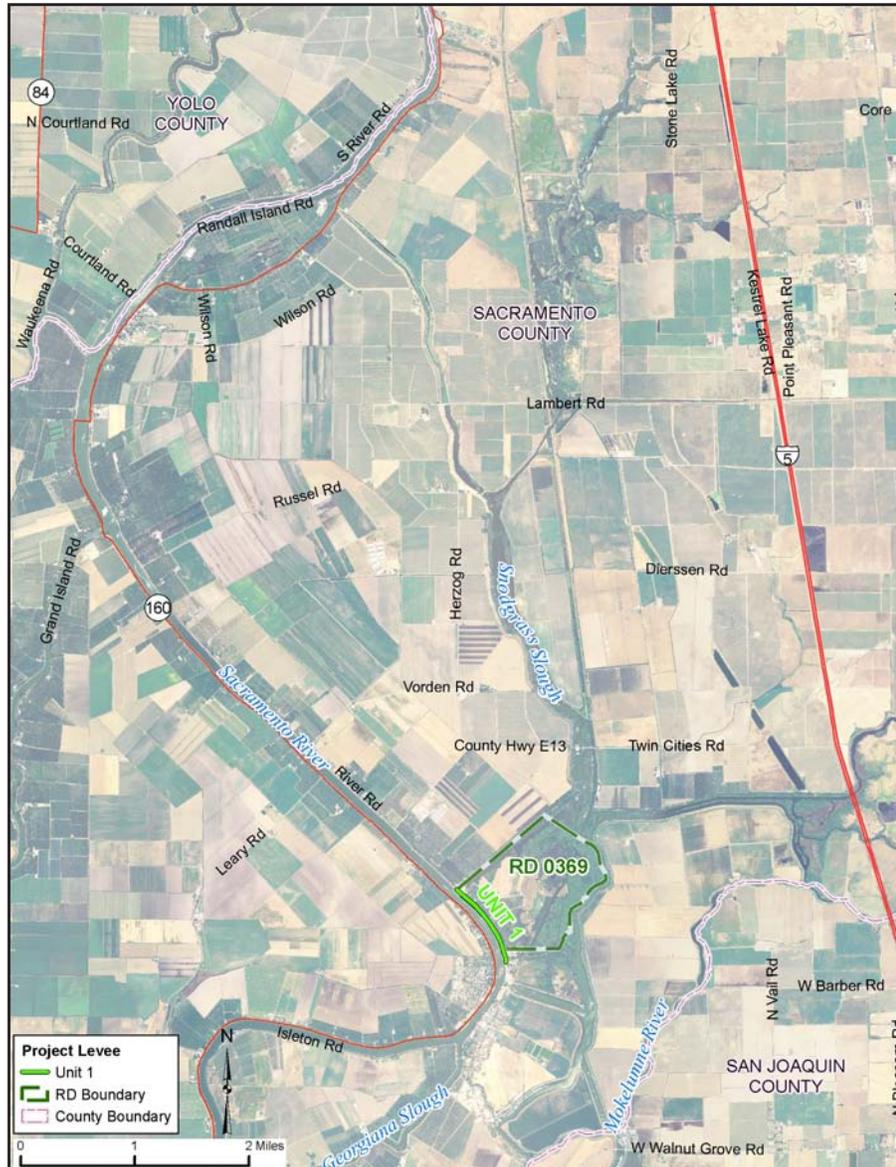
**RD 369**



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD0369	Reclamation District No. 0369 (Libby McNeil) Unit No. 01 Steamboat Slough	LB	0.80

Reclamation District No. 369 (Libby McNeil)



RD 369

**USACE Operation and Maintenance Manual Information:**

**Title**

East Levee of Sacramento River from Freeport to Walnut Grove

**Unit No.**

Sacramento River 111

**Protection Provided**

The levee provides direct protection to the towns of Hood, Courtland, Locke, and Walnut Grove, and to the adjacent agricultural lands against floodwaters of the Sacramento River.

Reclamation District No. 369 (Libby McNeil)

## **Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 1.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 2.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished. Activities include vegetation grazing and spraying.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities. Expenses include costs of vegetation grazing and spraying. The reported total estimated cost for the fiscal year is \$5,500.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

The Agency reported boating encroachments.

**RD 369**

# Reclamation District No. 501 (Ryer Island) Solano County

RD 501

## Contact

Neil Hamilton • President

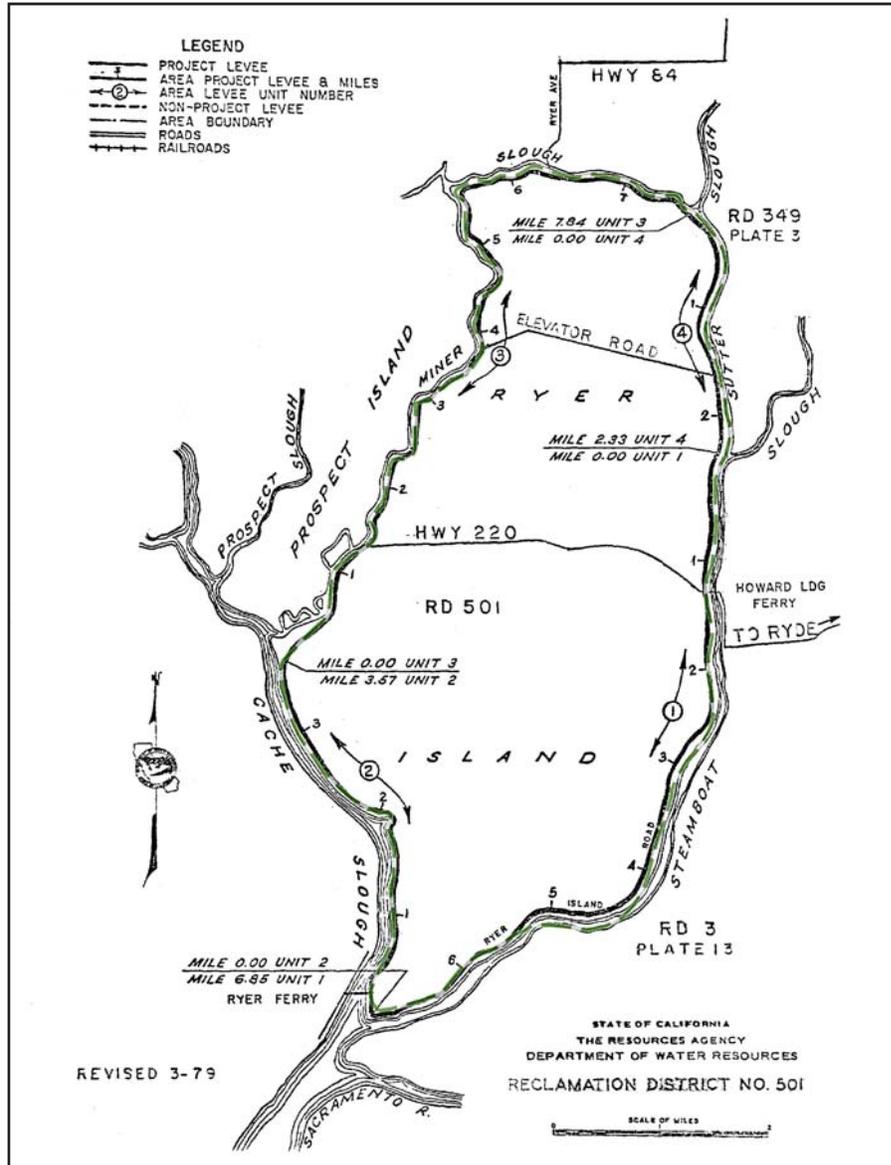
District Office • 3554 State Highway 84

Walnut Grove CA 95690 • Phone: (916) 775-1411

Reclamation District No. 501 (Ryer Island)

**SACRAMENTO SYSTEM: RECLAMATION DISTRICT NO. 501 (RYER ISLAND)**

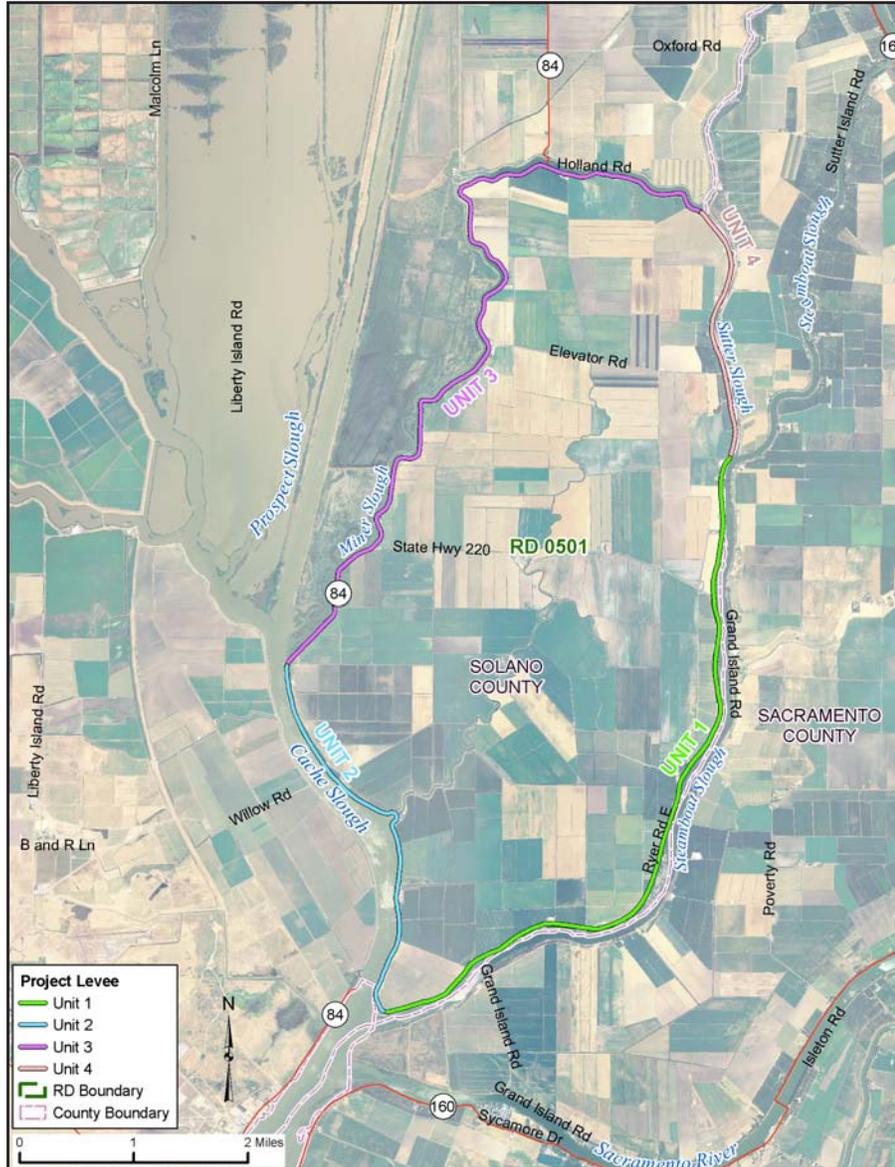
**RD 501**



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD0501	Reclamation District No. 0501 (Ryer Island)		
	Unit No. 01 Steamboat Slough	RB	6.76
	Unit No. 02 Cache Slough	LB	3.57
	Unit No. 03 Miner Slough	LB	7.82
	Unit No. 04 Sutter Slough	RB	2.33

Reclamation District No. 501 (Ryer Island)



**RD 501**

**USACE Operation and Maintenance Manual Information:**

**Title**

Levees around Ryer Island, Reclamation District 501

**Unit No.**

Sacramento River 105

**Protection Provided**

Provides direct protection to about 10,400 acres of agricultural land that forms the Island of Ryer.

## **Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency directed the referencing of the latest FPIIB Levee Inspection Report.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency directed the referencing of the latest FPIIB Levee Inspection Report.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished for all levee units. Activities include debris removal, encroachment control, flood emergency planning, inspections, levee drainage control, roadway grading, repair, rodent control, vegetation control and waterside slope protection.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities for all levee units. Expenses include costs of debris removal, encroachment control, flood emergency planning, inspections, levee drainage control, roadway grading, repair, rodent control, vegetation control and waterside slope protection. The reported total estimated cost for the fiscal year is \$322,352.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

The Agency stated that they look forward to providing more accurate information in the future.

**RD 501**

# Reclamation District No. 536 (Egbert) Solano County

RD 536

## Contact

Page Baldwin, Jr • Manager

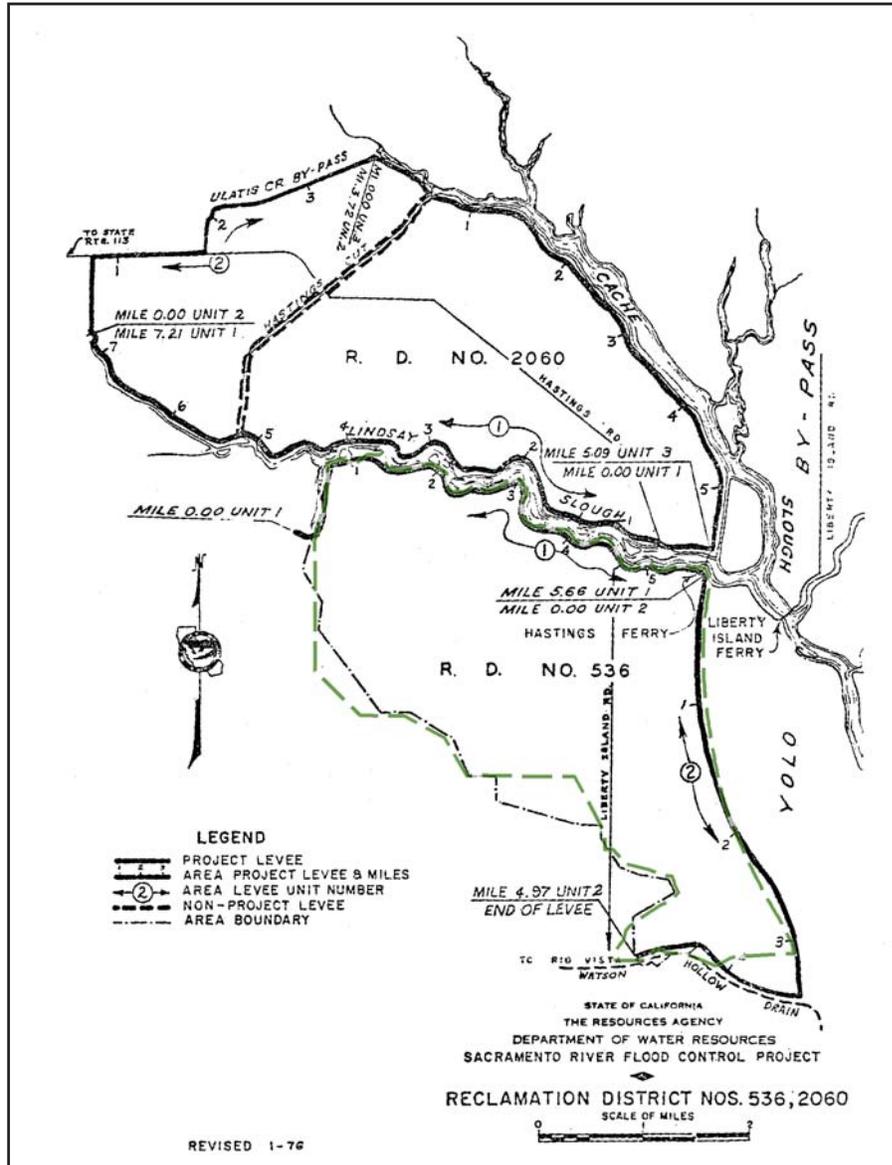
District Office • P.O. Box 785

Rio Vista CA 94571 • Phone: (707) 374-5478

Reclamation District No. 536 (Egbert)

**SACRAMENTO SYSTEM: RECLAMATION DISTRICT NO. 536 (EGBERT)**

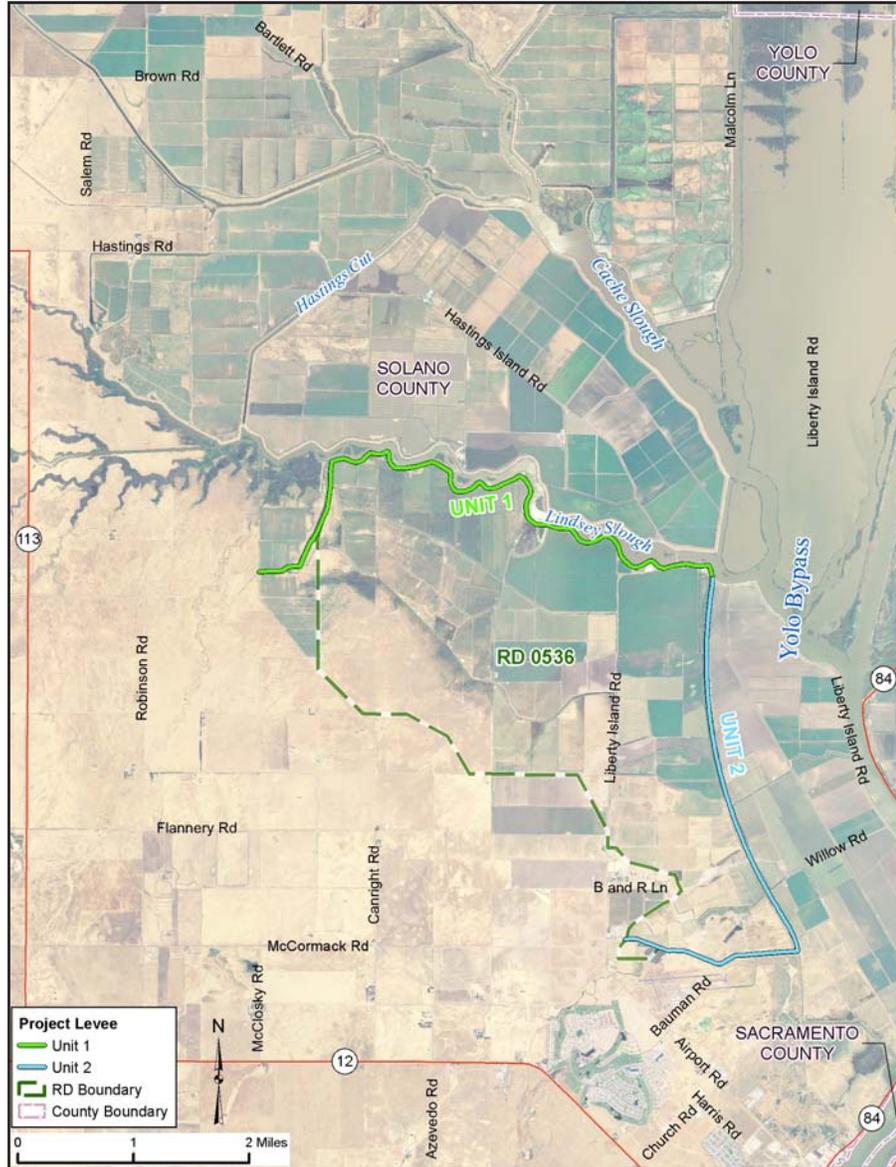
**RD 536**



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD0536	Reclamation District No. 0536 (Egbert)		
	Unit No. 01 Lindsey Slough	RB	5.66
	Unit No. 02 Yolo Bypass	RB	4.97

Reclamation District No. 536 (Egbert)



RD 536

**USACE Operation and Maintenance Manual Information:**

**Title**

South Levee of Lindsey Slough and West Levee of Yolo Bypass from Lindsey Slough to Watson Hollow and North Levee of Watson Hollow Drain

**Unit No.**

Sacramento River 106

**Protection Provided**

Designed to protect adjacent agricultural lands from a flood flow of 43,500 cfs in Lindsey Slough and 500,000 cfs in Yolo Bypass. In addition to flood flows, tidal action at flood stages is active within this area.

Reclamation District No. 536 (Egbert)

## Summary of Information Reported in 2010

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported that the relevant conditions do not differ from the DWR 2010 Spring and Fall Levee Inspection Reports.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported that the known conditions do not differ from those conditions denoted by the Division of Flood Management.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished for all levee units. Activities include gate maintenance, inspections, vegetation burning and spraying.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities for all levee units. Expenses include costs of gate maintenance, inspections, vegetation burning and spraying. The reported total estimated cost for the fiscal year is \$28,500.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

The Agency stated that there is no new information available to the Agency to report on levee condition or performance.

# Reclamation District No. 537 (Lovdal) Yolo County

RD 537

## Contact

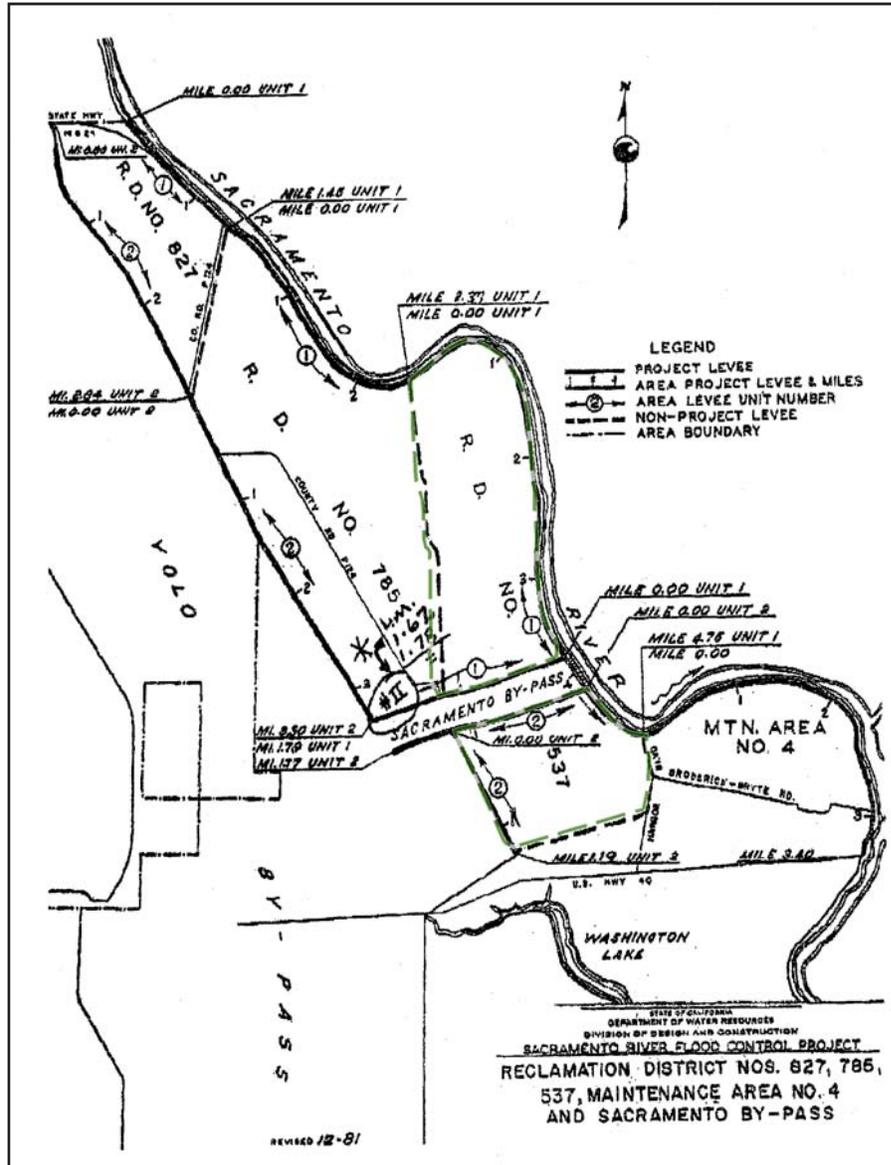
Kristen Pigman • President

District Office • P.O. Box 822

West Sacramento CA 95691 • Phone: (707) 371-1483

Reclamation District No. 537 (Lovdal)

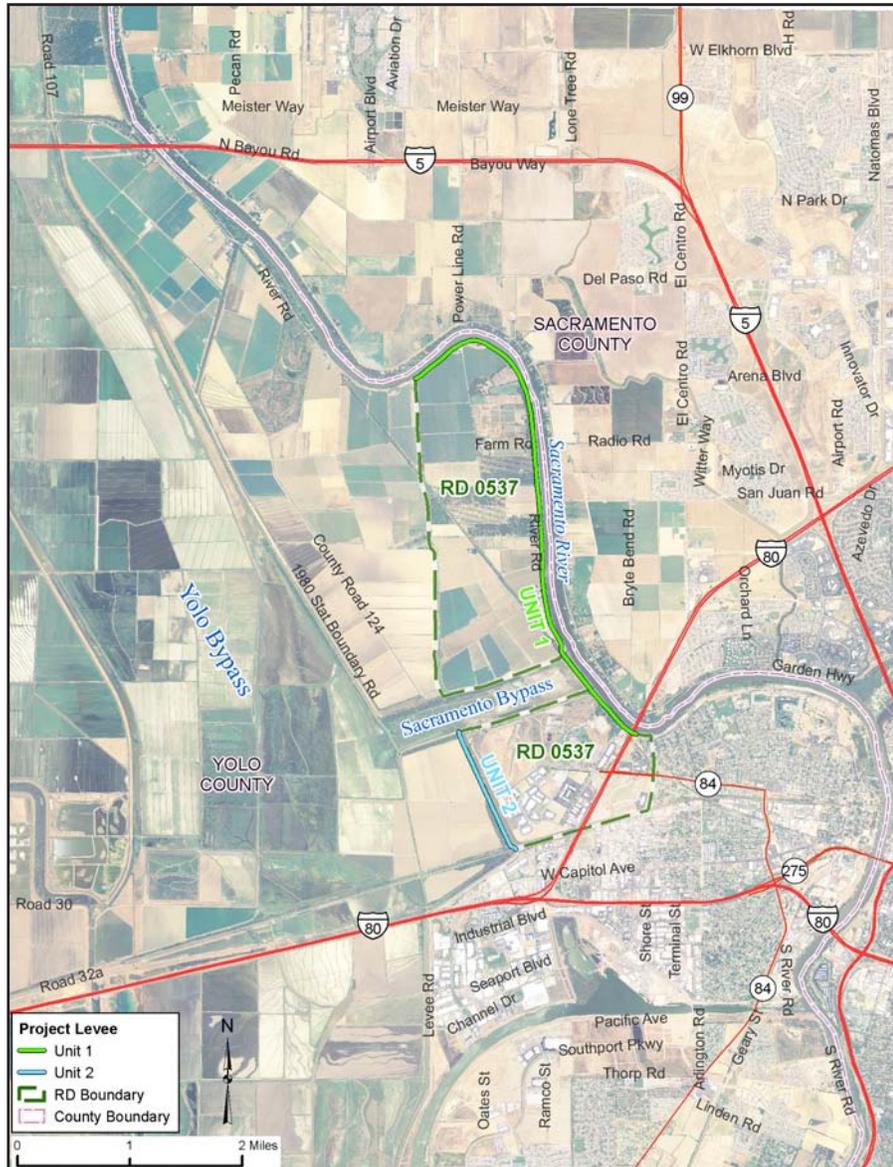
RD 537



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD0537	Reclamation District No. 0537 (Lovdal)		
	Unit No. 01 Sacramento River	RB	4.76
	Unit No. 02 Yolo Bypass	LB	1.19

Reclamation District No. 537 (Lovdal)



**RD 537**

**USACE Operation and Maintenance Manual Information:**

**Title**

West Levee of Sacramento River From Sacramento Weir to Mile 51.20 and South Levee of Sacramento By-Pass and East Levee of Yolo By-Pass from Sacramento By-Pass to South Boundary of Reclamation District 900

**Unit No.**

Sacramento River 116

**Protection Provided**

The levees of this unit provide direct protection to agricultural lands and the towns of Broderick, Bryte, and West Sacramento against flood waters in the Sacramento River, Sacramento Bypass, and Yolo Bypass.

Reclamation District No. 537 (Lovdal)

**USACE Operation and Maintenance Manual Information:**

***Title***

West Levee of Sacramento River from Mile 70.8 to Sacramento Weir and North Levee of Sacramento Bypass & East Levee of Yolo Bypass from Woodland Highway to Sacramento Bypass

***Unit No.***

Sacramento River 122

***Protection Provided***

The levees provide protection to adjacent agricultural land against flood waters of the Sacramento River, Sacramento Bypass, and Yolo Bypass.

**RD 537**

## Summary of Information Reported in 2010

### Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)

The Agency reported road surface deterioration from Sacramento Weir north to Monument Bend in Levee Unit 1. The Agency identified levee erosion at Monument Bend on Old River Road. The Agency reported road subsidence of five to ten inches in Levee Unit 1 of the Sacramento Bypass, LM 0.0 to 1.0. The Agency also identified a boil coming from the Sacramento Bypass near the Agency's north pump station in Levee Unit 1 of the Sacramento Bypass.

### Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)

The Agency reported road surface deterioration from Sacramento Weir north to Monument Bend in Levee Unit 1. The Agency identified levee erosion at Monument Bend on Old River Road. The Agency also identified a seepage boil coming from the Sacramento Weir near the north pump station in Levee Unit 2.

### Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year

The Agency provided a summary of maintenance activities accomplished for all levee units. Activities include ditch cleaning, rodent control, vegetation mowing and trimming.

### Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency

The Agency provided a summary of expenses and maintenance activities for all levee units. Expenses include costs of management, legal services, equipment maintenance, ditch maintenance, insurance, professional fees, administrative costs, utilities, fuel and rodent control. The reported total estimated cost for the fiscal year is \$276,000.

### Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR

No information provided by the Agency for Part 5.



# Reclamation District No. 551 (Pierson) Sacramento County

RD 551

## Contact

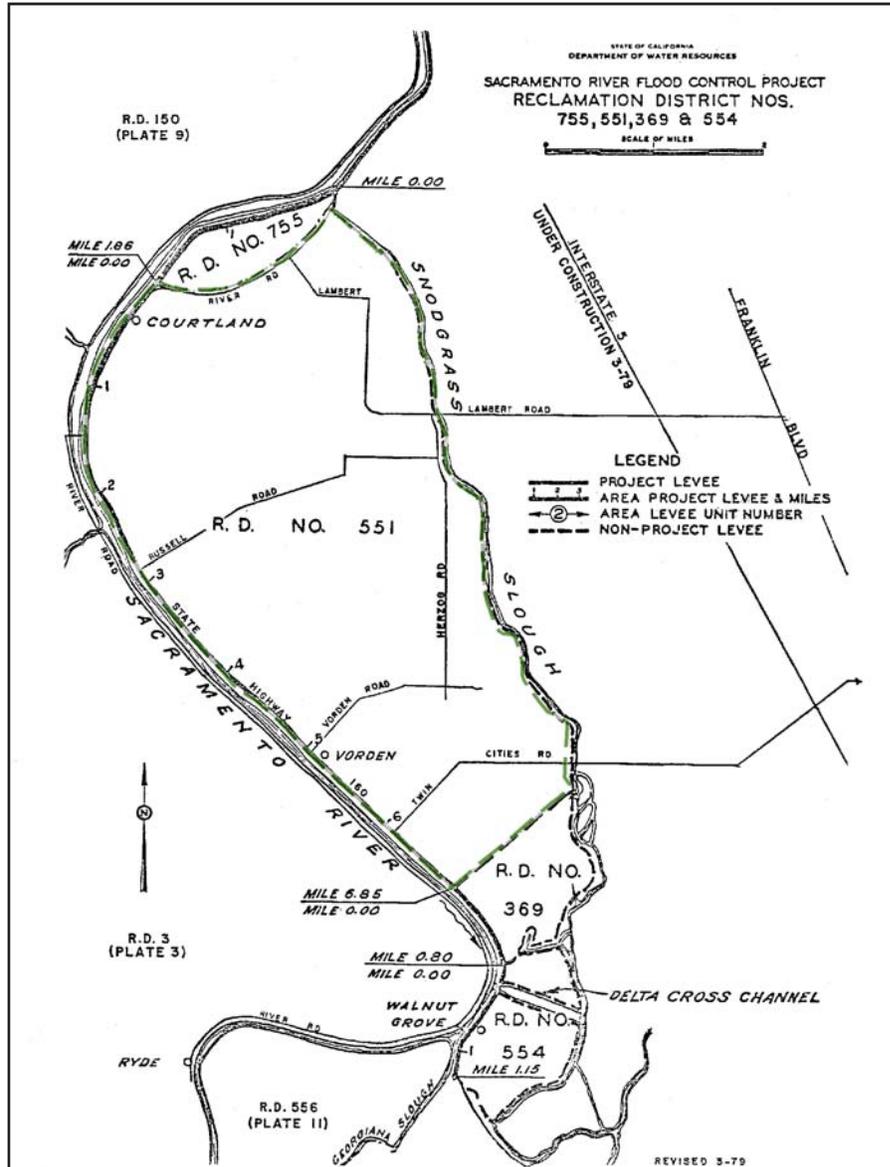
Topper Van Loben Sels • President

District Office • P.O. Box 7

Walnut Grove CA 95690 • Phone: (916) 439-3291

Reclamation District No. 551 (Pierson)

# SACRAMENTO SYSTEM: RECLAMATION DISTRICT NO. 551 (PIERSON)



RD 551

## Levee Information:

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD0551	Reclamation District No. 0551 (Pierson) Unit No. 01 Sacramento River	LB	6.84

Reclamation District No. 551 (Pierson)



RD 551

**USACE Operation and Maintenance Manual Information:**

**Title**  
 East Levee of Sacramento River from Freeport to Walnut Grove

**Unit No.**  
 Sacramento River 111

**Protection Provided**  
 The levee provides direct protection to the towns of Hood, Courtland, Locke, and Walnut Grove, and to the adjacent agricultural lands against floodwaters of the Sacramento River.

Reclamation District No. 551 (Pierson)

**Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported a pipe causing scouring of waterside of levee at LM 2.01.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 2.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished. Activities include encroachment control, inspections, rodent baiting, trapping, vegetation mowing, spraying and tree trimming.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities. Expenses include costs of encroachment control, inspections, rodent baiting, trapping, vegetation mowing, spraying and tree trimming. The reported total estimated cost for the fiscal year is \$163,100.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

The Agency stated that there is no new information available to the Agency to report on levee condition or performance.

**RD 551**

**Levee District No. 551 (Pierson)**

# Reclamation District No. 554 (Walnut Grove) Sacramento County

RD 554

## Contact

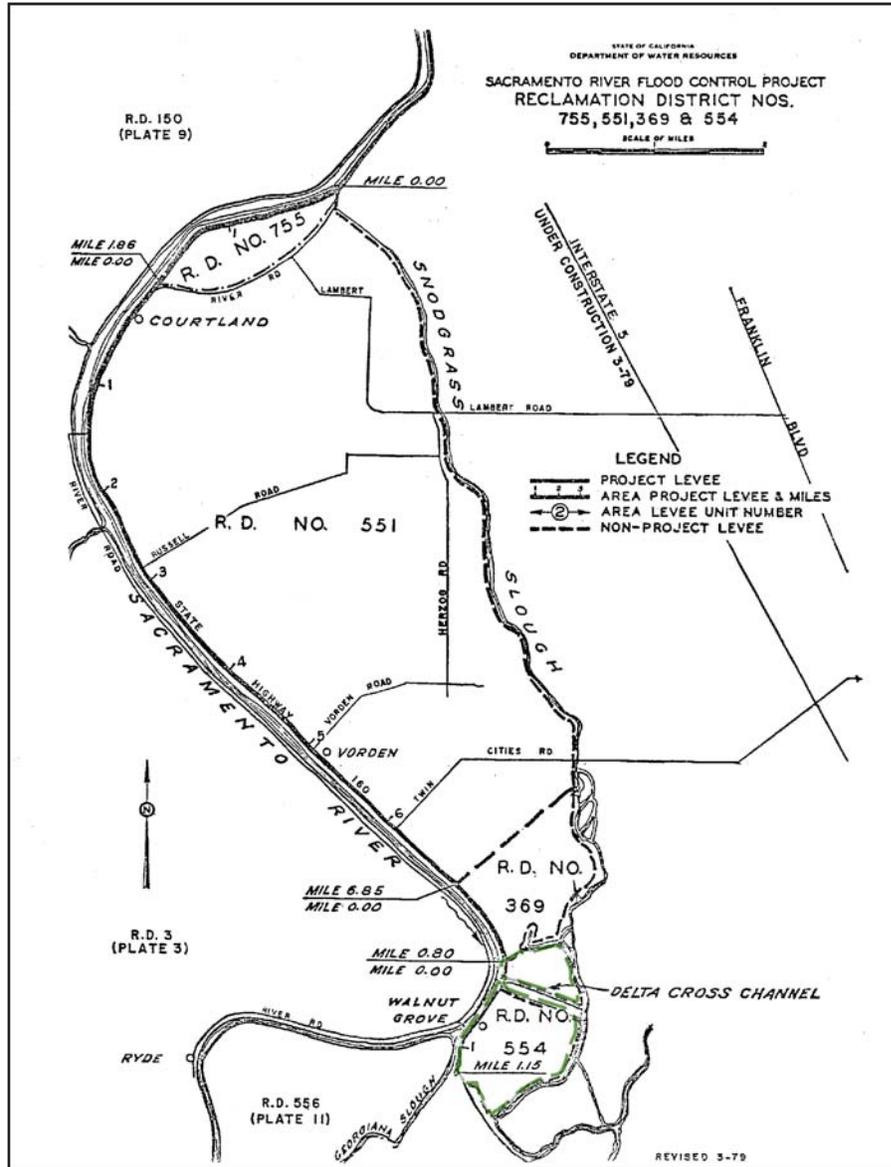
Jeff Trnum • Chairman

P.O. Box 984 • Walnut Grove CA 95690

Phone: (916) 776-1945

Reclamation District No. 554 (Walnut Grove)

**SACRAMENTO SYSTEM: RECLAMATION DISTRICT NO. 554 (WALNUT GROVE)**



RD 554

**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD0554	Reclamation District No. 0554 (Walnut Grove) Unit No. 01 Sacramento River	LB	1.09

Reclamation District No. 554 (Walnut Grove)



**RD 554**

**USACE Operation and Maintenance Manual Information:**

**Title**

East Levee of Sacramento River from Freeport to Walnut Grove

**Unit No.**

Sacramento River 111

**Protection Provided**

The levee provides direct protection to the towns of Hood, Courtland, Locke, and Walnut Grove, and to the adjacent agricultural lands against floodwaters of the Sacramento River.

**Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency stated that there was no new information to report.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency stated that there was no new information to report.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished. Activities include administrative services, ditch restoration, encroachment control, engineering, erosion repair, flood emergency planning, gate maintenance, inspections, land use planning, regulatory compliance, roadway grading, repair, rodent control, seepage control, slope protection repair, surveying and vegetation control.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities. Expenses include costs of ditch maintenance, encroachment control, engineering, erosion repair, flood emergency planning, inspections, regulatory compliance, rodent grouting, roadway maintenance, seepage control, slope protection repair, surveying, vegetation burning, grazing, mowing, removal and spraying. The reported total estimated cost for the fiscal year is \$160,000.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

**RD 554**

**Levee District No. 554 (Walnut Grove)**

# Reclamation District No. 556 (Upper Andrus) Sacramento County

RD 556

## Contact

Kevin P Steward • President

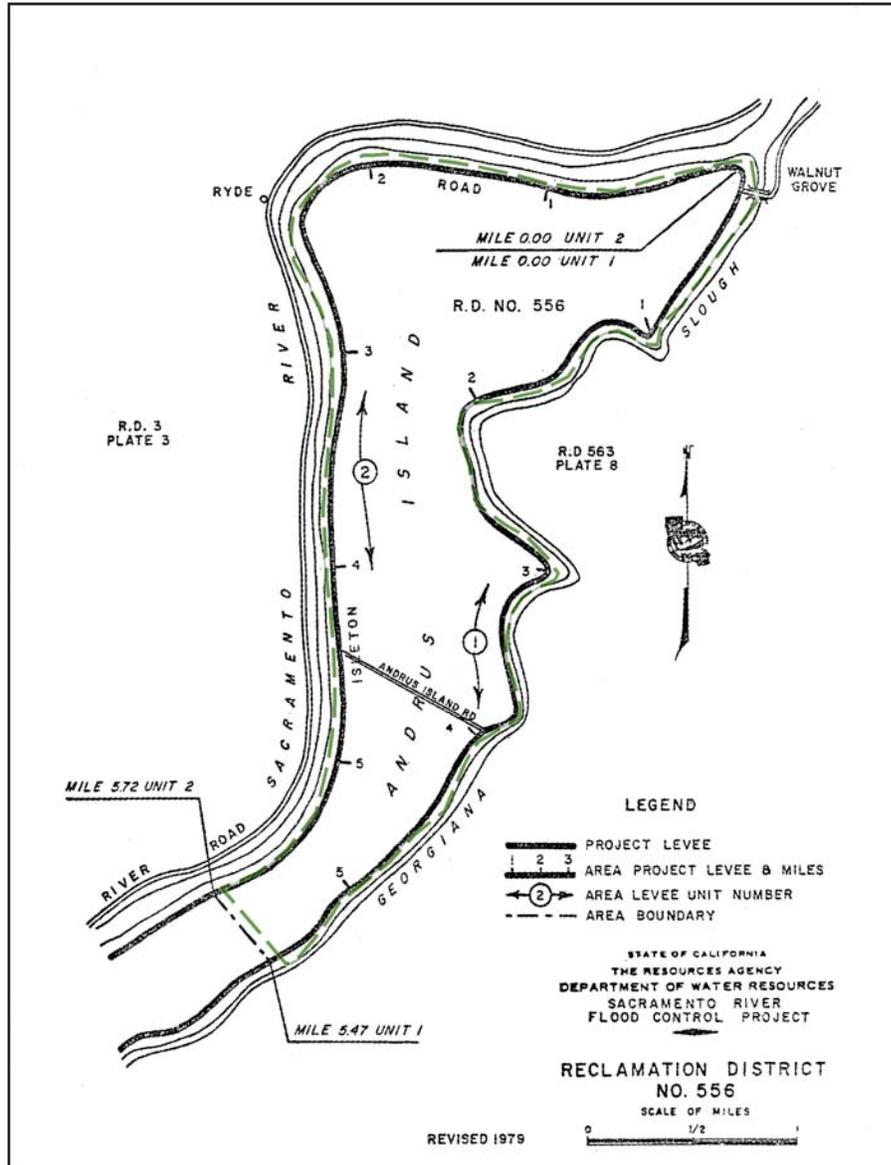
District Office • P.O. Box 1046

Walnut Grove CA 95690 • Phone: (916) 776-2092

Reclamation District No. 556 (Upper Andrus)

**SACRAMENTO SYSTEM: RECLAMATION DISTRICT NO. 556 (UPPER ANDRUS)**

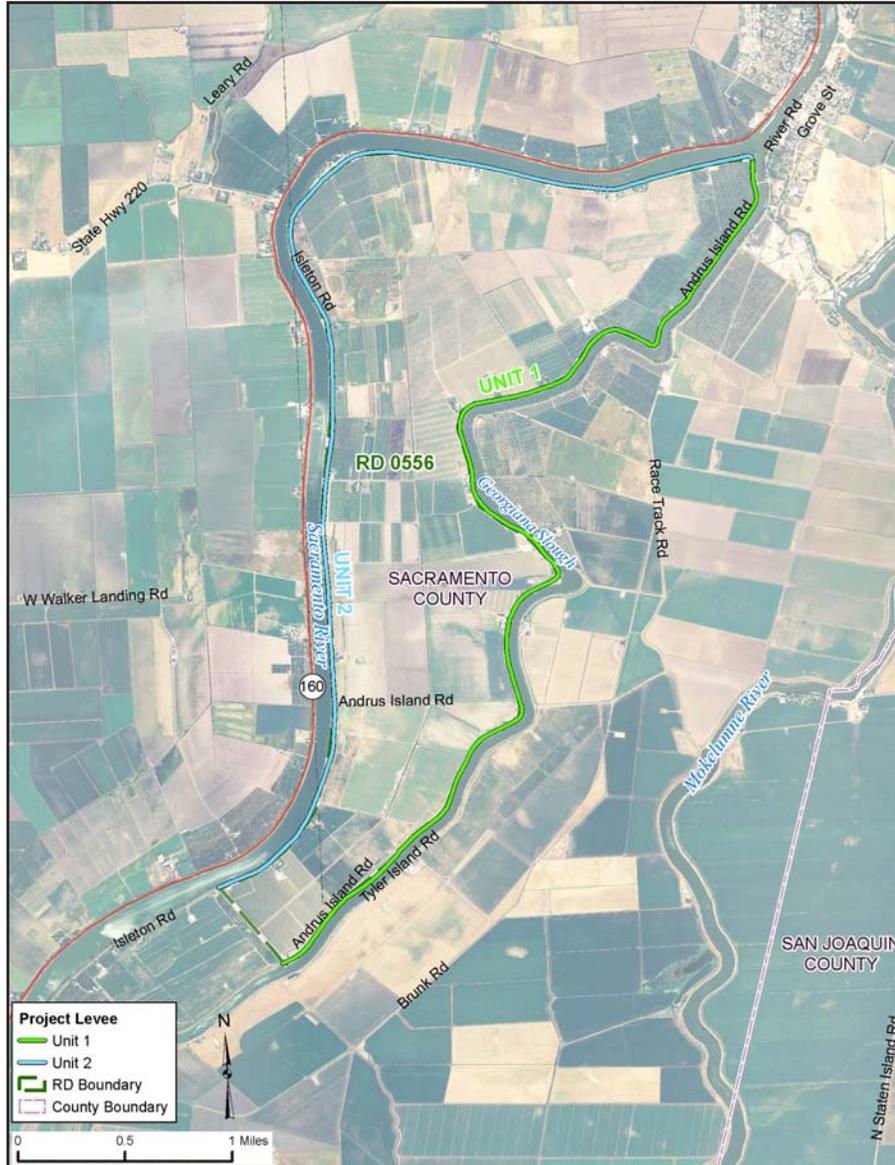
**RD 556**



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD0556	Reclamation District No. 0556 (Upper Andrus)		
	Unit No. 01 Georgiana Slough	RB	5.47
	Unit No. 02 Sacramento River	LB	5.72

Reclamation District No. 556 (Upper Andrus)



**RD 556**

Reclamation District No. 556 (Upper Andrus)

**USACE Operation and Maintenance Manual Information:**

**Title**

Both Levees of Georgiana Slough and East Levee of Sacramento River from Walnut Grove to Isleton

**Unit No.**

Sacramento River 103

**Protection Provided**

Provide protection to adjacent agricultural lands and the towns of Isleton and Walnut Grove against flood waters and high tides of the Sacramento River and Georgiana Slough.

## **Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported that the relevant conditions are recorded in the FPIIB Spring and Fall Levee Inspection Reports.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported minor erosion in Levee Unit 1. The Agency stated that other repairs depend on the availability of funds.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished for all levee units. Activities include vegetation mowing, spraying and tree trimming.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities for all levee units. Expenses include costs of concrete pipe removal, vegetation mowing and spraying. The reported total estimated cost for the fiscal year is \$46,522.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

**RD 556**

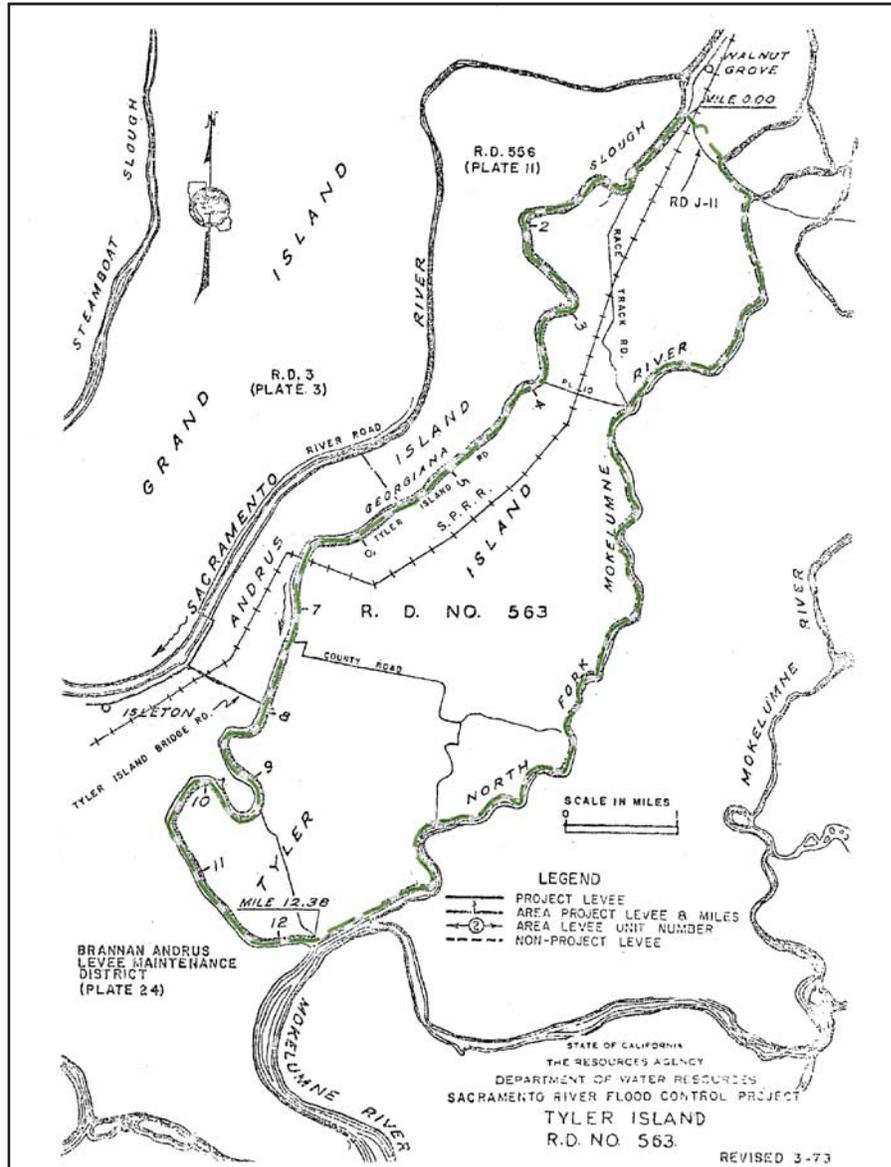
# Reclamation District No. 563 (Tyler Island) Sacramento County

## Contact

Steven Mello • President

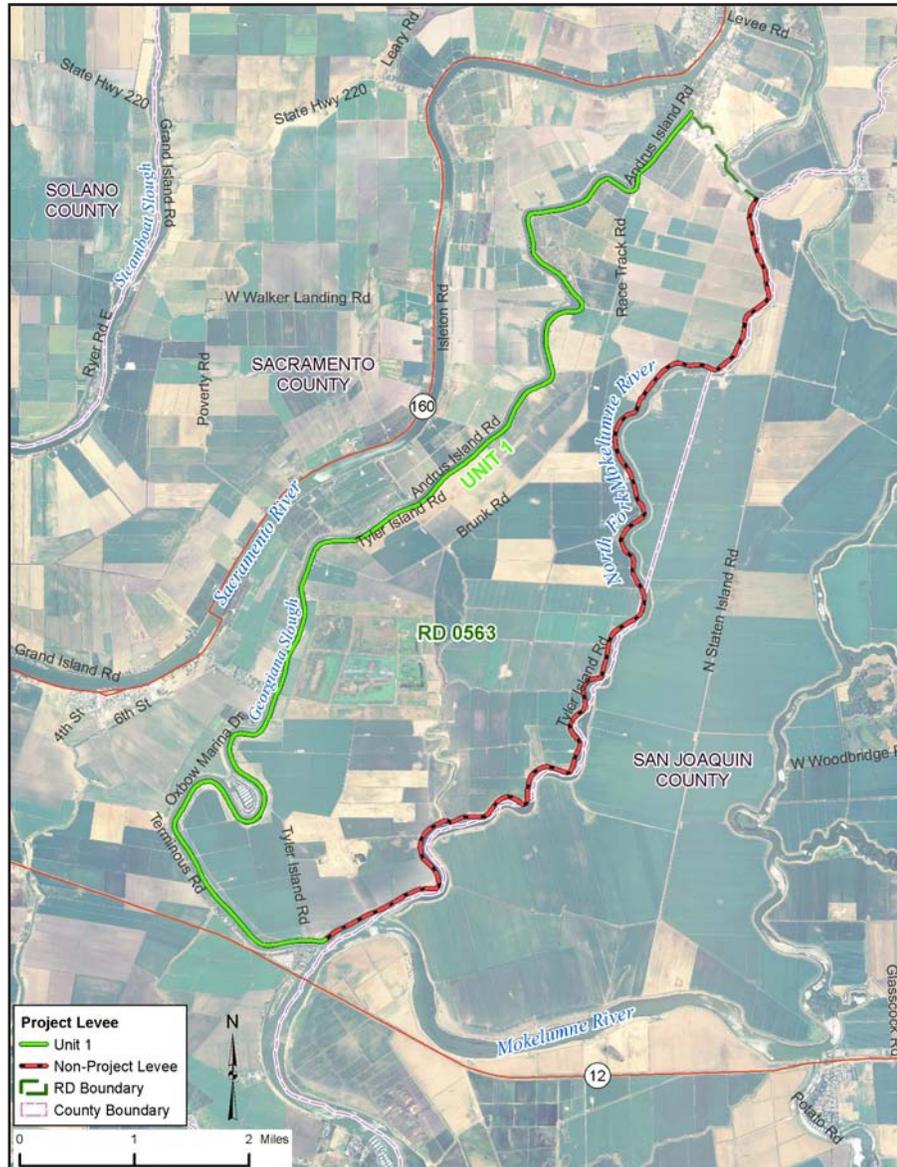
District Office • P.O. Box 470

Walnut Grove CA 95690-0470 • Phone: (916) 776-2544



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD0563	Reclamation District No. 0563 (Tyler Island) Unit No. 01 Georgiana Slough (Tyler Island)	LB	12.38



**USACE Operation and Maintenance Manual Information:**

**Title**

Both Levees of Georgiana Slough and East Levee of Sacramento River from Walnut Grove to Isleton

**Unit No.**

Sacramento River 103

**Protection Provided**

Provide protection to adjacent agricultural lands and the towns of Isleton and Walnut Grove against flood waters and high tides of the Sacramento River and Georgiana Slough.

## Summary of Information Reported in 2010

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency directed the referencing of the latest FPIIB Levee Inspection Report.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency directed the referencing of the latest FPIIB Levee Inspection Report.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished for 20.7 miles of Non-Project Levees and 12.2 miles of Project Levees. Activities include debris removal, encroachment control, flood emergency planning, inspections, levee drainage control, mitigation, roadway grading, repair, rodent control, vegetation control and waterside slope protection.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities for 20.7 miles of Non-Project Levees and 12.2 miles of Project Levees. Expenses include costs of debris removal, encroachment control, flood emergency planning, inspections, levee drainage control, mitigation, roadway grading, repair, rodent control, vegetation control and waterside slope protection. The reported total estimated cost for the fiscal year is \$89,949.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

The Agency stated that they look forward to providing more accurate information in the future.

# Reclamation District No. 755 (Randall) Sacramento County

## Contact

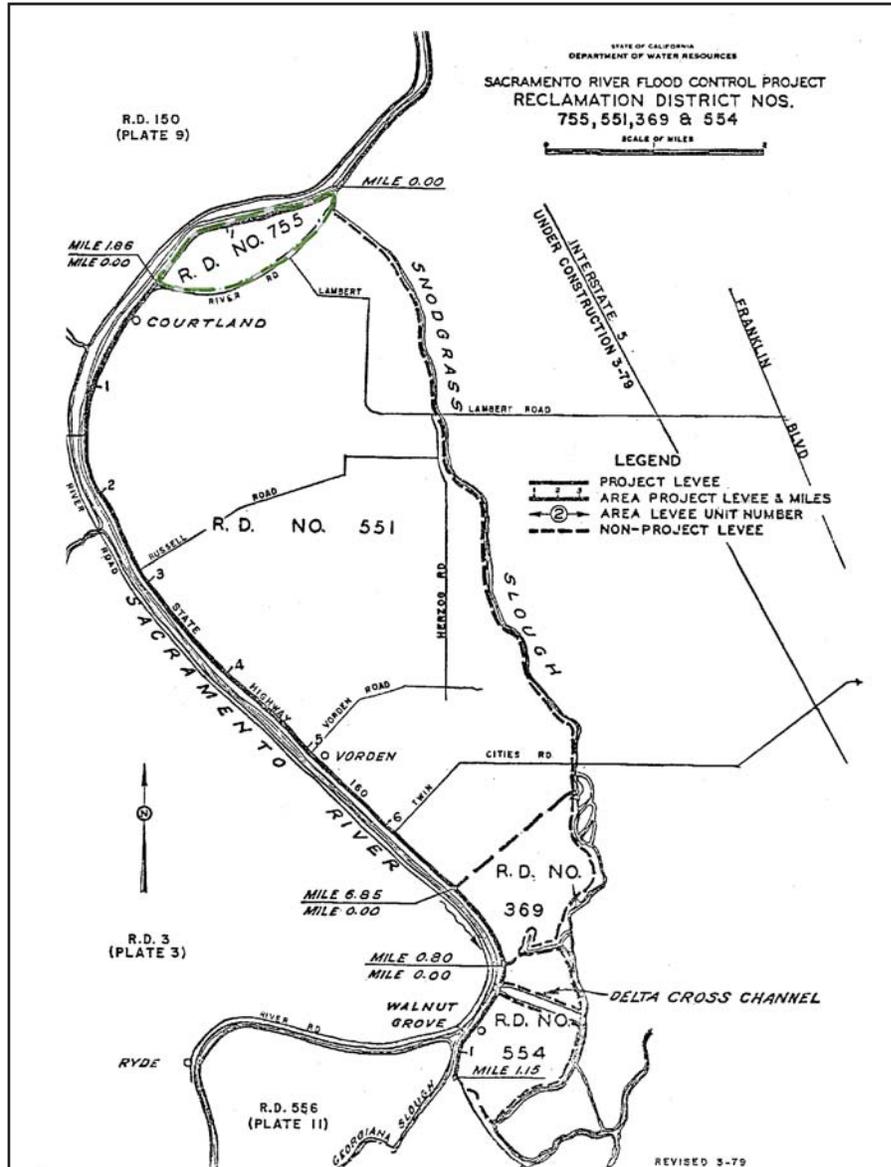
Douglas Hemly • Trustee

District Office • 11275 State Highway 160

Courtland CA 95615 • Phone: (916) 775-1379

SACRAMENTO SYSTEM: RECLAMATION DISTRICT NO. 755 (RANDALL)

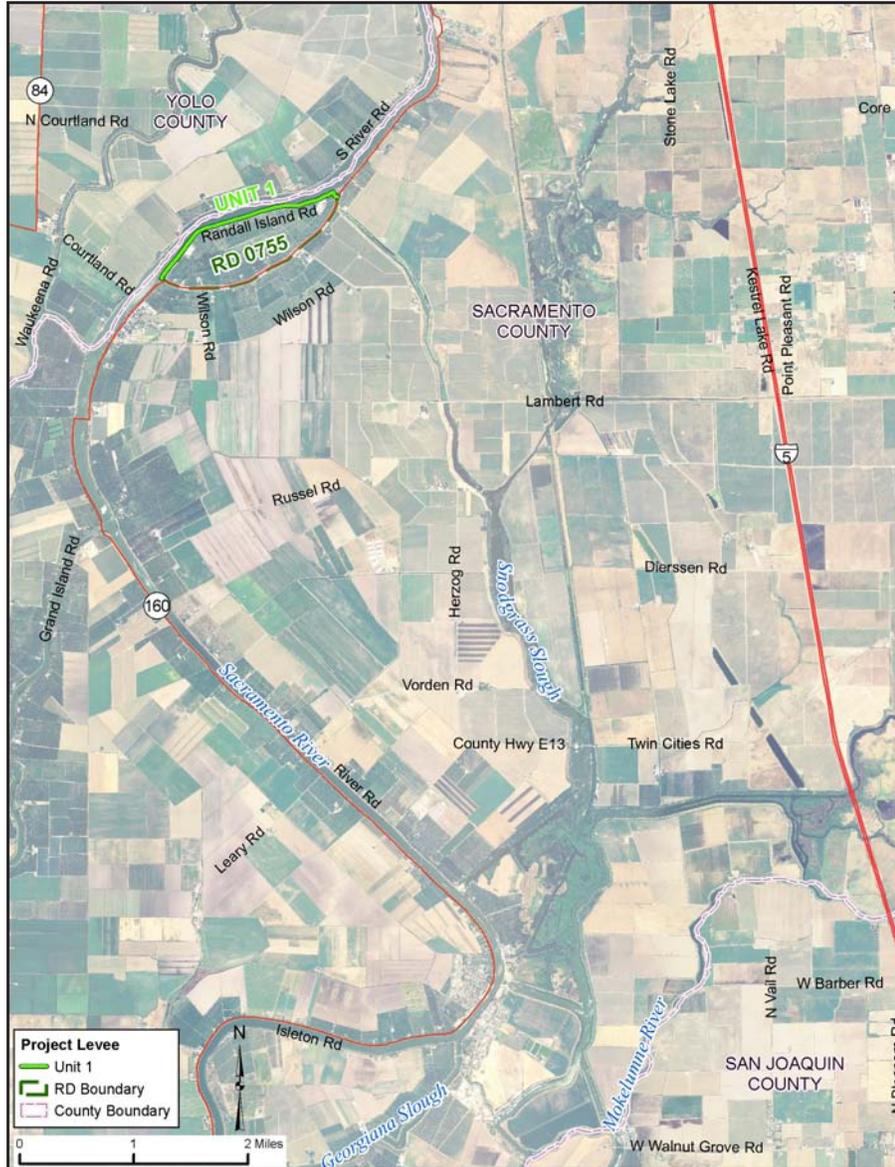
RD 755



Levee Information:

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD0755	Reclamation District No. 0755 (Randall) Unit No. 01 Sacramento River	LB	1.86

Reclamation District No. 755 (Randall)



**USACE Operation and Maintenance Manual Information:**

**Title**

East Levee of Sacramento River from Freeport to Walnut Grove

**Unit No.**

Sacramento River 111

**Protection Provided**

The levee provides direct protection to the towns of Hood, Courtland, Locke, and Walnut Grove, and to the adjacent agricultural lands against floodwaters of the Sacramento River.

## Summary of Information Reported in 2010

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported seepage on the levee slope and toe at LM 0.06 to 0.13.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported seepage on the levee slope and toe at LM 0.06 to 0.13.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished and the locations of these activities. Activities include erosion repair, inspections, roadway repair, rodent baiting, vegetation mowing, spraying, and tree trimming.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities. Expenses include costs of erosion repair, inspections, roadway repair, rodent baiting, vegetation mowing, spraying, and tree trimming. The reported total estimated cost for the fiscal year is \$16,000.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

The Agency stated that there is no new information available to the Agency to report on levee condition or performance.

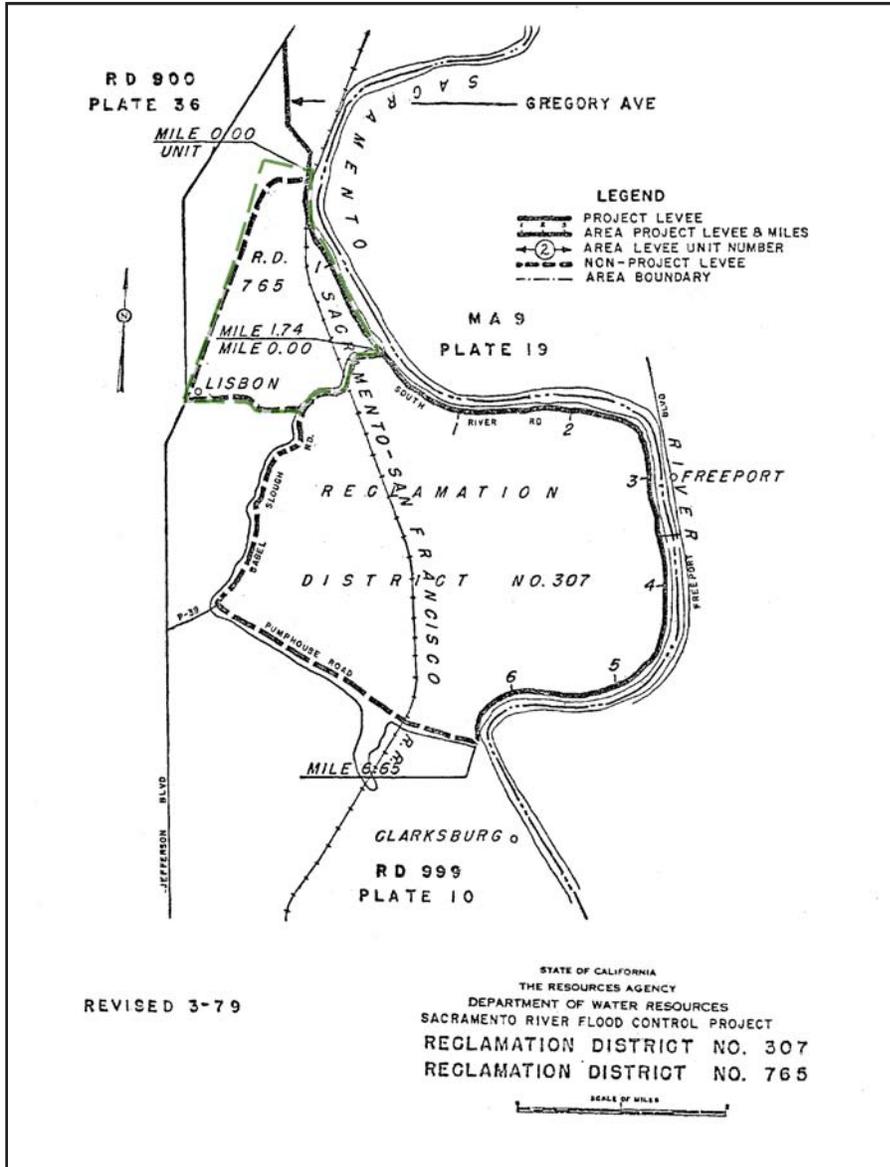
# Reclamation District No. 765 (Glide) Yolo County

## Contact

Albert Martinelli • President

52781 South River Road • Clarksburg CA 95612

Phone: (916) 761-8033



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD0765	Reclamation District No. 0765 (Glide) Unit No. 01 Sacramento River	RB	1.74



**USACE Operation and Maintenance Manual Information:**

**Title**

West Levee of Sacramento River from North Boundary of Reclamation District 765 to South Boundary of Reclamation District 307

**Unit No.**

Sacramento River 114

**Protection Provided**

The levee provides direct protection to adjacent agricultural land and the town of Clarksburg, CA against flood waters of the Sacramento River.

## Summary of Information Reported in 2010

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported that the relevant conditions do not differ from the DWR 2010 Spring and Fall Levee Inspection Reports.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency stated that no impairments or compromising conditions were known beyond conditions denoted by the Division of Flood Management.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished and the locations of these activities. Activities include vegetation grazing, mowing and tree trimming.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities. Expenses include costs of vegetation grazing, mowing and tree trimming. The reported total estimated cost for the fiscal year is \$20,000.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

The Agency stated that there is no new information available to the Agency to report on levee condition or performance.

# Reclamation District No. 784 (Plumas Lake) Yuba County

## Contact

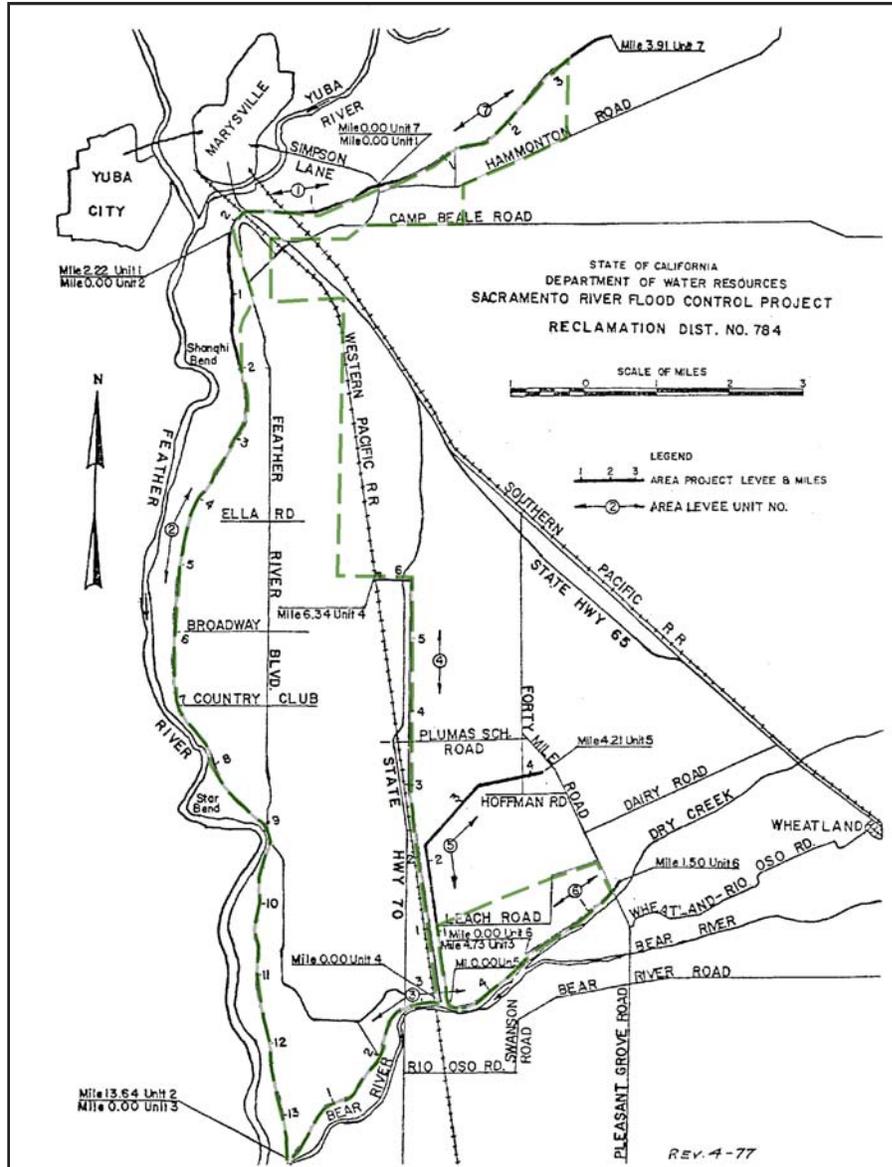
Steven Fordice • General Manager

District Office • 1594 Broadway

Arboga CA 95961 • Phone: (530) 742-0520

**SACRAMENTO SYSTEM: RECLAMATION DISTRICT NO. 784 (PLUMAS LAKE)**

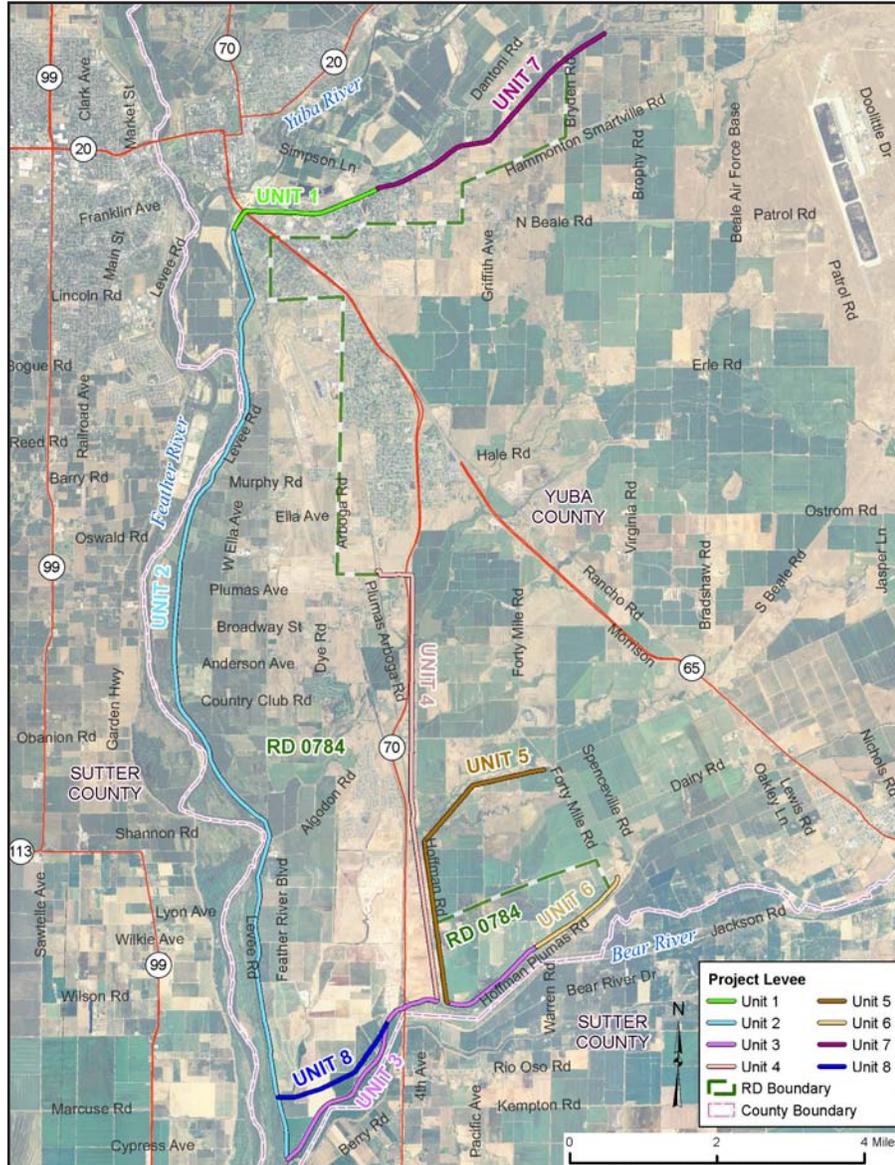
**RD 784**



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD0784	Reclamation District No. 0784 (Plumas Lake)		
	Unit No. 01 Yuba River	LB	2.22
	Unit No. 02 Feather River	LB	13.64
	Unit No. 03 Bear River	RB	4.73
	Unit No. 04 Interceptor Canal	LB	6.35
	Unit No. 06 South Dry Creek	RB	1.50
	Unit No. 07 Yuba River	LB	3.91
	Unit No. 08 Three Rivers	LB	1.88
	Unit No. 05 Interceptor Canal	LB	4.20

Reclamation District No. 784 (Plumas Lake)



**USACE Operation and Maintenance Manual Information:**

**Title**

South Levee of Yuba River Maintenance Area 8

**Unit No.**

Sacramento River 149

**Protection Provided**

The levee of of this unit is an essential feature of the Sacramento River Flood Control Project. It provides direct protection to adjacent residential and agricultural lands against flood waters of the Yuba River.

**USACE Operation and Maintenance Manual Information:**

RD 784

***Title***

Bear River Levee System Constructed in Vicinity of Rio Oso, Sutter County, approximately 28 Miles Northerly of Sacramento, CA

***Unit No.***

Sacramento River 5

***Protection Provided***

Provides direct protection to Reclamation District 784, 817, and 1001 against high water of the Bear River and its tributaries in this area.

***Title***

Sacramento River Flood Control Project Unit No. 145-Part No. 1 East Levee Of Feather River, South Levee Of Yuba River, Both Levees Of W.P.R.R. Intercepting Channel, West Levee Of South Dry Creek and North Levee of Bear River

***Unit No.***

Sacramento River 145

***Protection Provided***

The levees as described in this unit provide direct protection to Reclamation Districts 784 and 817 and vicinity against high water of the Yuba, Feather, and Bear Rivers and their tributaries.

## Summary of Information Reported in 2010

### **Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported reshaping of a levee segment in Levee Unit 1 from Highway 70 to Simpson Lane. The Agency noted a setback levee nearing completion in Levee Unit 2 from Star Bend to Murphy Road. The Agency reported installation of a new pump station in Levee Unit 2 at Murphy Road. The Agency noted squirrel control at Levee Unit 7, LM 0.00 to 3.91. The Agency mentioned goat grazing for vegetation removal at Levee Unit 7, LM 0.00 to 3.91. The Agency reported installation of relief wells, settlement monitors, vibrating-wire piezometers, standpipe piezometers and inclinometers installed in Levee Unit 8.

### **Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency stated no dangerous conditions were notable for all levee units. The Agency also noted levee reconstruction planned for 2011 in Levee Unit 7.

### **Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished for all levee units and the locations of these activities. Activities include erosion repair, gate maintenance, inspections, patrolling, rodent baiting, trapping, roadway maintenance, vegetation spraying, grazing, tree removal and trimming.

### **Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities for all levee units. Expenses include costs of roadway grading, rodent control, maintenance, slope repair, vegetation grazing and spraying. The reported total estimated cost for the fiscal year is \$1,175,000.

### **Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

The Agency reported encroachments at Levee Unit 2, LM 0.50 to 3. The Agency also noted encroachments to be removed during the 2011 levee rebuild at Levee Unit 7.



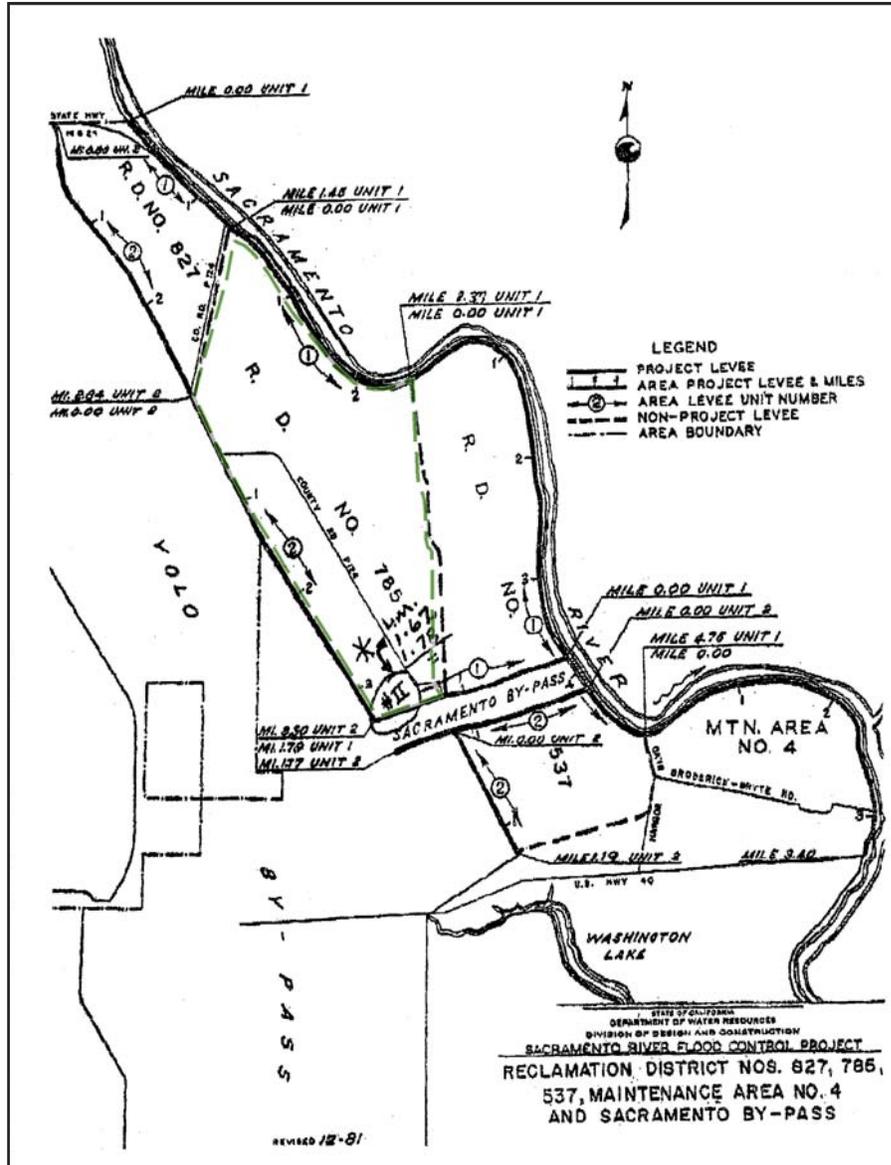
# Reclamation District No. 785 (Driver) Yolo County

## Contact

William Mattos • President

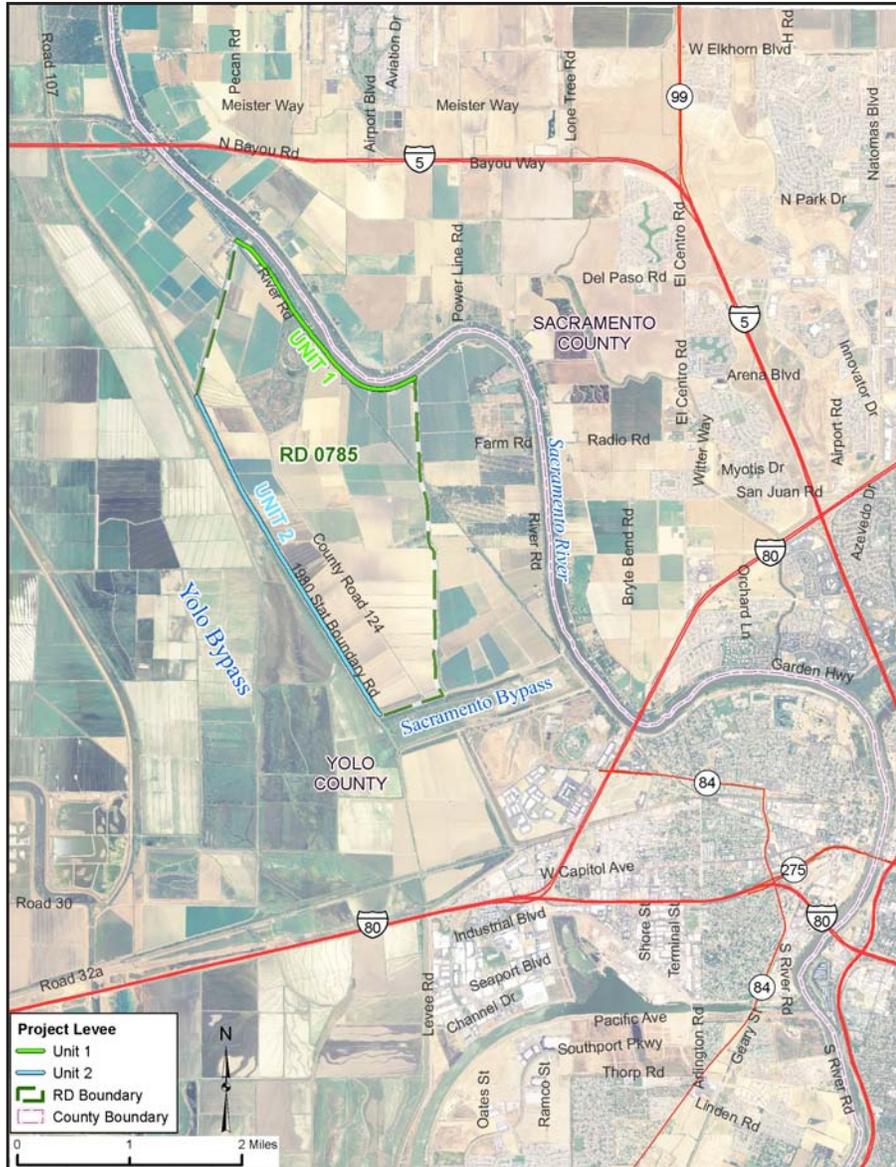
District Office • 20186 Old River Road

West Sacramento CA 95691 • Phone: (916) 531-1080



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD0785	Reclamation District No. 0785 (Driver)		
	Unit No. 01 Sacramento River	RB	2.31
	Unit No. 02 Yolo Bypass	LB	3.30



**USACE Operation and Maintenance Manual Information:**

**Title**

West Levee of Sacramento River from Mile 70.8 to Sacramento Weir and North Levee of Sacramento Bypass & East Levee of Yolo Bypass from Woodland Highway to Sacramento Bypass

**Unit No.**

Sacramento River 122

**Protection Provided**

The levees provide protection to adjacent agricultural land against flood waters of the Sacramento River, Sacramento Bypass, and Yolo Bypass.

**Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 1.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 2.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

No information provided by the Agency for Part 3.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

No information provided by the Agency for Part 4.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

**RD 785**

**Levee District No. 785 (Driver)**

# Reclamation District No. 787 (Fair) Yolo County

## Contact

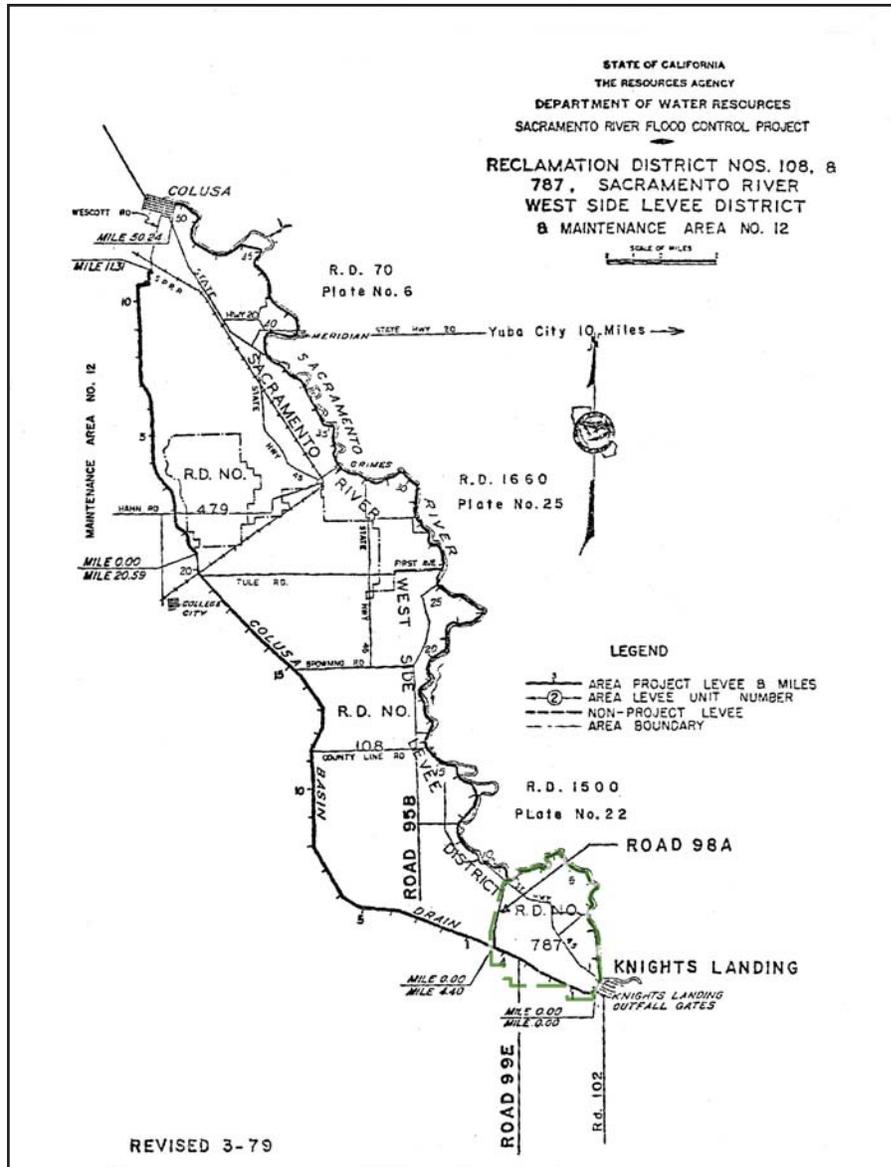
Marty Stripling • President

District Office • 41758 County Rd #112

Knights Landing CA 95645 • Phone: (530) 735-6274

**SACRAMENTO SYSTEM: RECLAMATION DISTRICT NO. 787 (FAIR)**

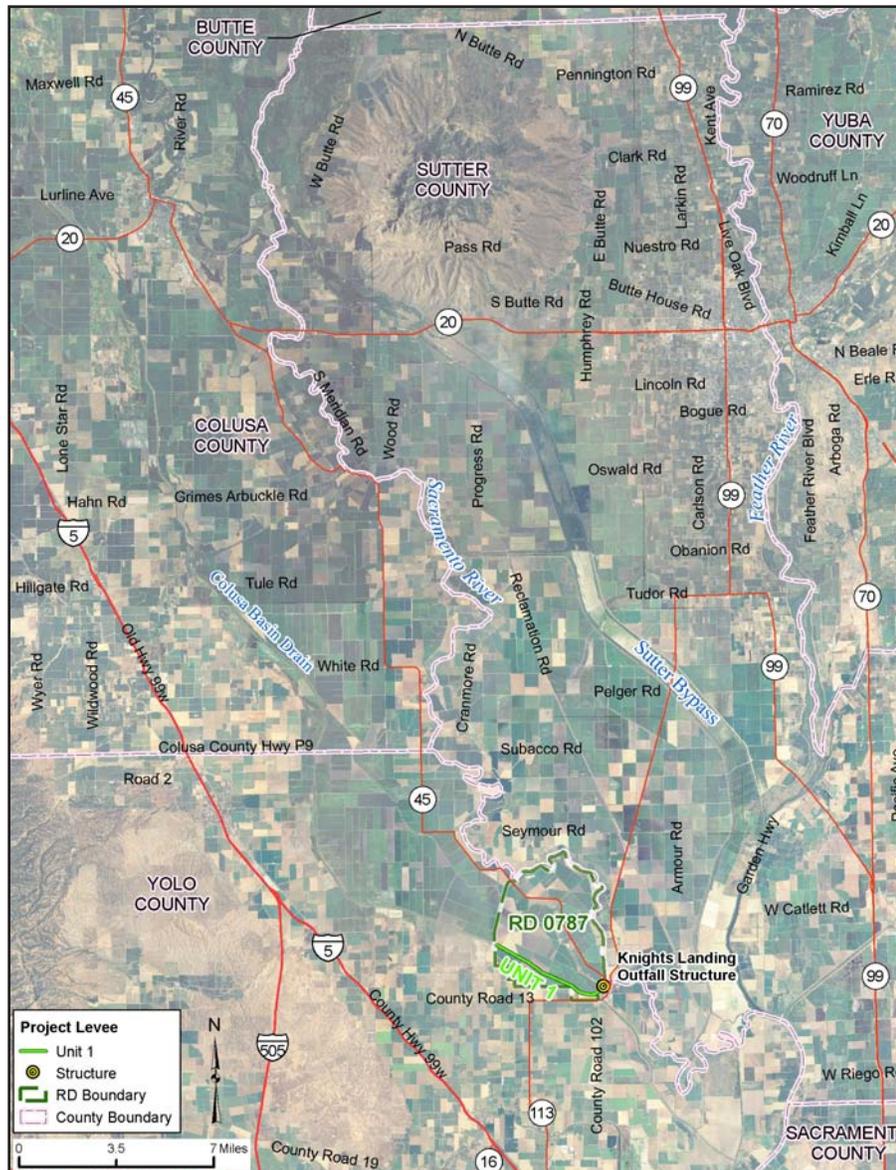
**RD 787**



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD0787	Reclamation District No. 0787 (Fair) Unit No. 01 Colusa Basin Drain	LB	4.40

Reclamation District No. 787 (Fair)



**USACE Operation and Maintenance Manual Information:**

**Title**

Back Levees of Reclamation District 108.

**Unit No.**

Sacramento River 132

**Protection Provided**

Provides direct protection to about 100,000 acres of adjacent developed agricultural lands against flood waters in the Colusa Basin. There are only a few scattered buildings and residences in the area protected.

**Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported trash which was cleaned up by landowner.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 2.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

No information provided by the Agency for Part 3.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities and the locations of these activities. Expenses include costs of rodent baiting, vegetation burning and tree trimming. The reported total estimated cost for the fiscal year is \$3,500.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

**RD 787**

**Reclamation District No. 787 (Fair)**

# Reclamation District No. 817 (Carlin) Yuba County

## Contact

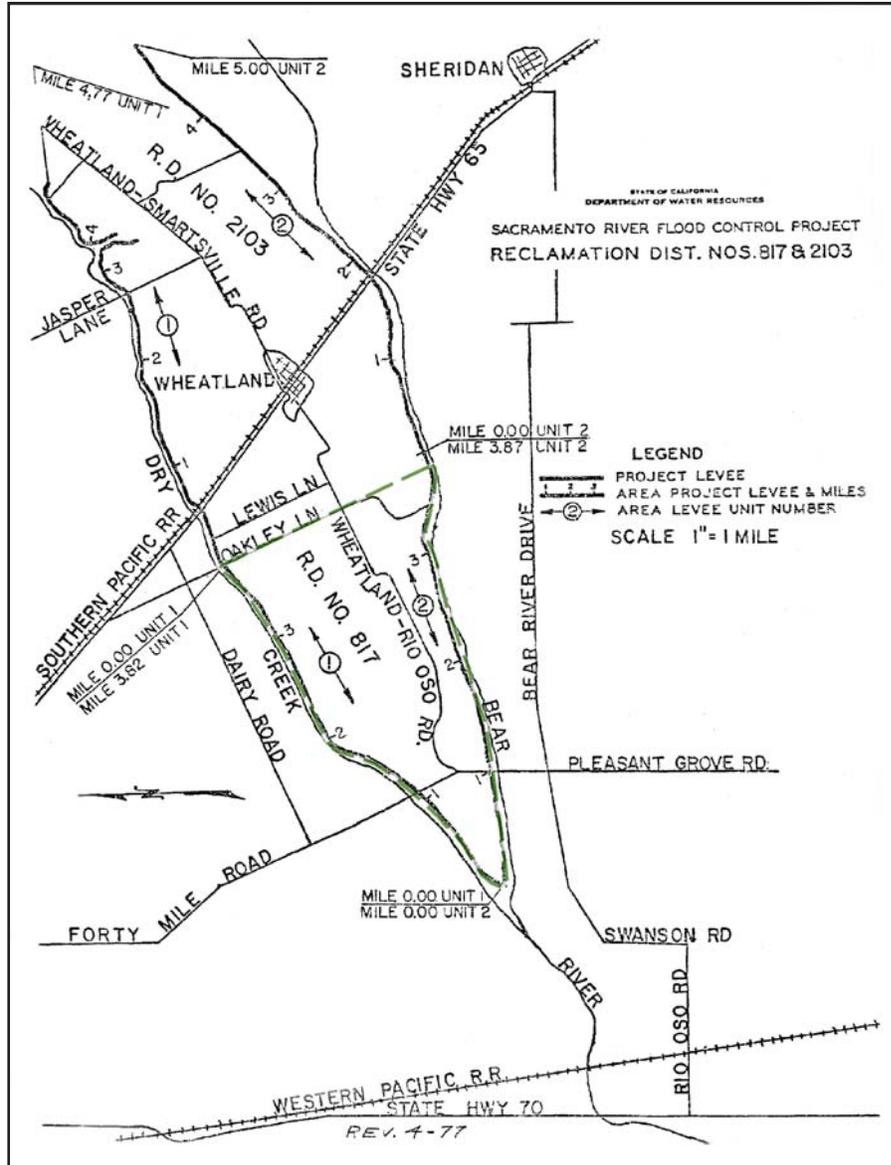
Joe Conant • Director

District Office • P.O. Box 261

Wheatland CA 95692-0261 • Phone: (530) 633-4319

**SACRAMENTO SYSTEM: RECLAMATION DISTRICT NO. 817 (CARLIN)**

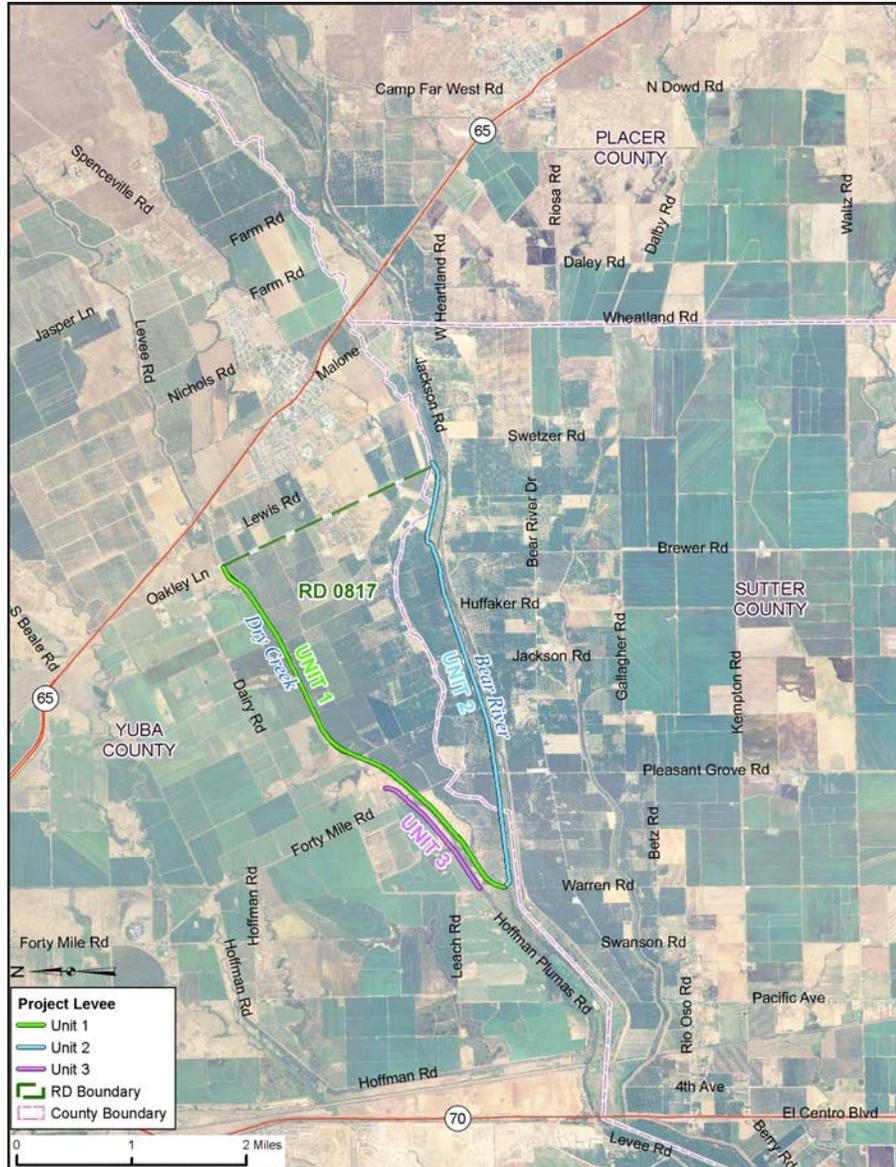
**RD 817**



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD0817	Reclamation District No. 0817 (Carlin)		
	Unit No. 01 South Dry Creek	LB	3.82
	Unit No. 02 Bear River	RB	3.87
	Unit No. 03 Dry Creek	RB	1.50

Reclamation District No. 817 (Carlin)



**USACE Operation and Maintenance Manual Information:**

**Title**

North Levee of Bear River & South Levee of South Dry Creek Reclamation District 817 & vicinity of Wheatland.

**Unit No.**

Sacramento River 146

**Protection Provided**

No information available at time of printing.

**USACE Operation and Maintenance Manual Information:**

***Title***

Sacramento River Flood Control Project Unit No. 145-Part No. 1 East Levee Of Feather River, South Levee Of Yuba River, Both Levees Of W.P.R.R. Intercepting Channel, West Levee Of South Dry Creek and North Levee of Bear River.

***Unit No.***

Sacramento River 145

***Protection Provided***

The levees as described in this unit provide direct protection to Reclamation Districts 784 and 817 and vicinity against high water of the Yuba, Feather, and Bear Rivers and their tributaries.

**RD 817**

## Summary of Information Reported in 2010

### **Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency provided a summary of levee condition or performance issues for all levee units. Issues for Levee Unit 1 include excess channel vegetation, sediment accumulation, waterway migration, beaver dams, excess levee vegetation, levee geometry deficiencies, deteriorating or substandard pipes/crossings and a narrow bridge crossing at LM 1.2. Issues for Levee Unit 2 include encroachments at LM 1.8 and 2.08, narrow levee crown, sediment accumulation, excess channel vegetation and waterway migration. Issues for Levee Unit 3 include excess channel vegetation, sediment accumulation, waterway migration, beaver dams, excess levee vegetation and deteriorating drainage culverts.

### **Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported burrowing holes and freeboard deficiencies in Levee Unit 1. The Agency noted burrowing holes and levee geometry deficiencies in Levee Unit 2. The Agency also identified burrowing holes, freeboard deficiencies and visibility limited by vegetation in Levee Unit 3.

### **Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished for all levee units and the locations of these activities. Activities include roadway grading, rodent baiting, trapping, vegetation grazing, mowing and tree trimming.

### **Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities for all levee units. Expenses include costs of roadway grading, rodent baiting, trapping, vegetation grazing, mowing and tree trimming. The reported total estimated cost for the fiscal year is \$22,500.

### **Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

The Agency stated that there was nothing to report.



# Reclamation District No. 827 (Elkhorn) Yolo County

## Contact

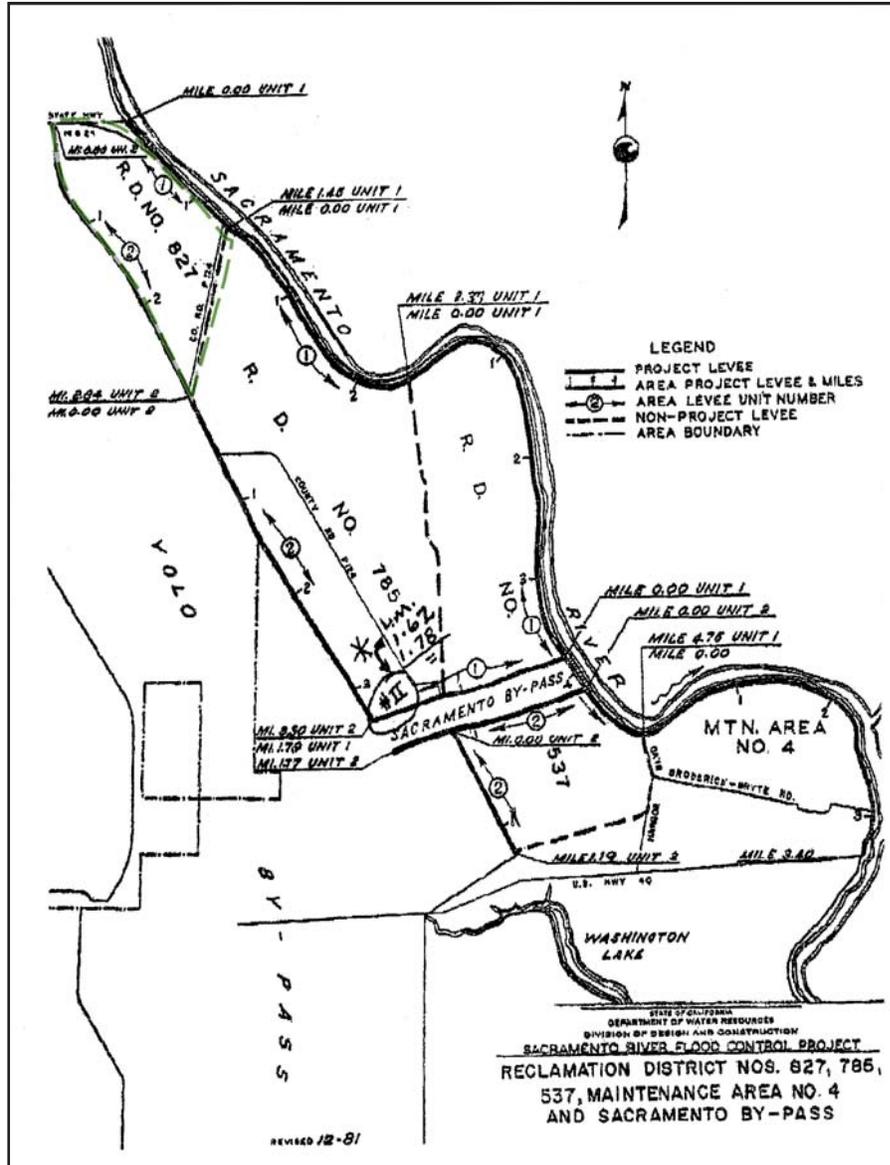
Daniel Ramos • President

District Office • P.O Box 781

West Sacramento CA 95691 • Phone: (916) 371-1483

# SACRAMENTO SYSTEM: RECLAMATION DISTRICT NO. 827 (ELKHORN)

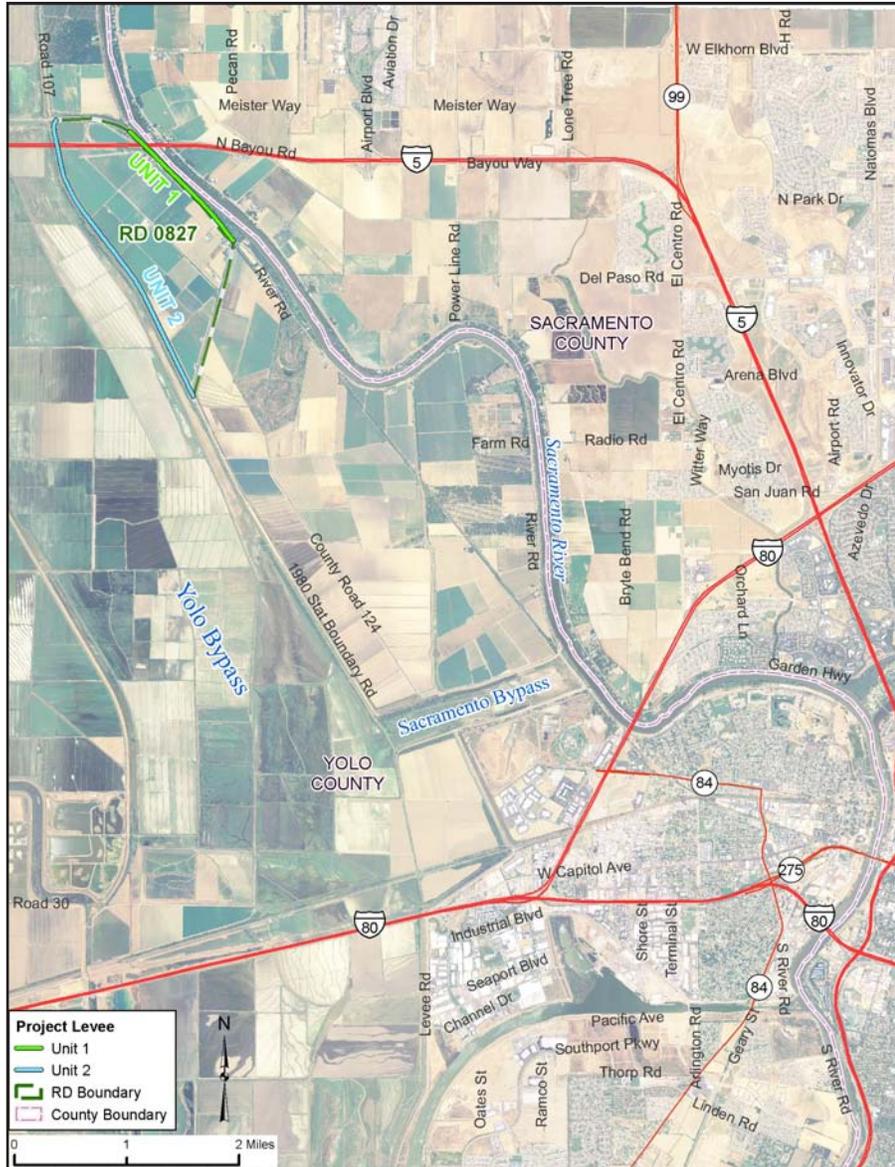
RD 827



## Levee Information:

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD0827	Reclamation District No. 0827 (Elkhorn)		
	Unit No. 01 Sacramento River	RB	1.35
	Unit No. 02 Yolo Bypass	LB	2.84

Reclamation District No. 827 (Elkhorn)



**USACE Operation and Maintenance Manual Information:**

**Title**

West Levee of Sacramento River from Mile 70.8 to Sacramento Weir and North Levee of Sacramento Bypass & East Levee of Yolo Bypass from Woodland Highway to Sacramento Bypass.

**Unit No.**

Sacramento River 122

**Protection Provided**

The levees provide protection to adjacent agricultural land against flood waters of the Sacramento River, Sacramento Bypass, and Yolo Bypass.

**Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 1.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 2.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

No information provided by the Agency for Part 3.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

No information provided by the Agency for Part 4.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

# Reclamation District No. 900 (West Sacramento) Yolo County

## Contact

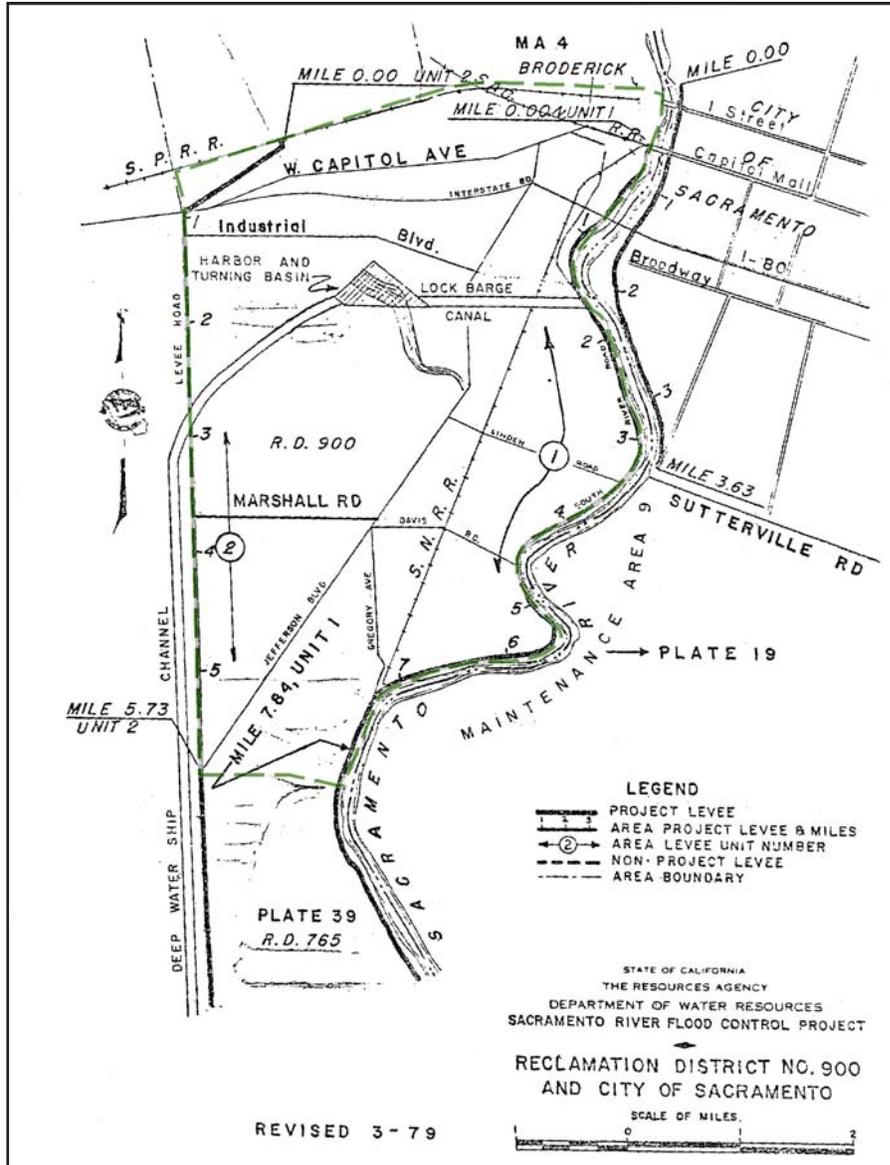
Ken Ruzich • Manager

District Office • P.O. Box 673

West Sacramento CA 95691 • Phone: (916) 371-1483

**SACRAMENTO SYSTEM: RECLAMATION DISTRICT NO. 900 (WEST SACRAMENTO)**

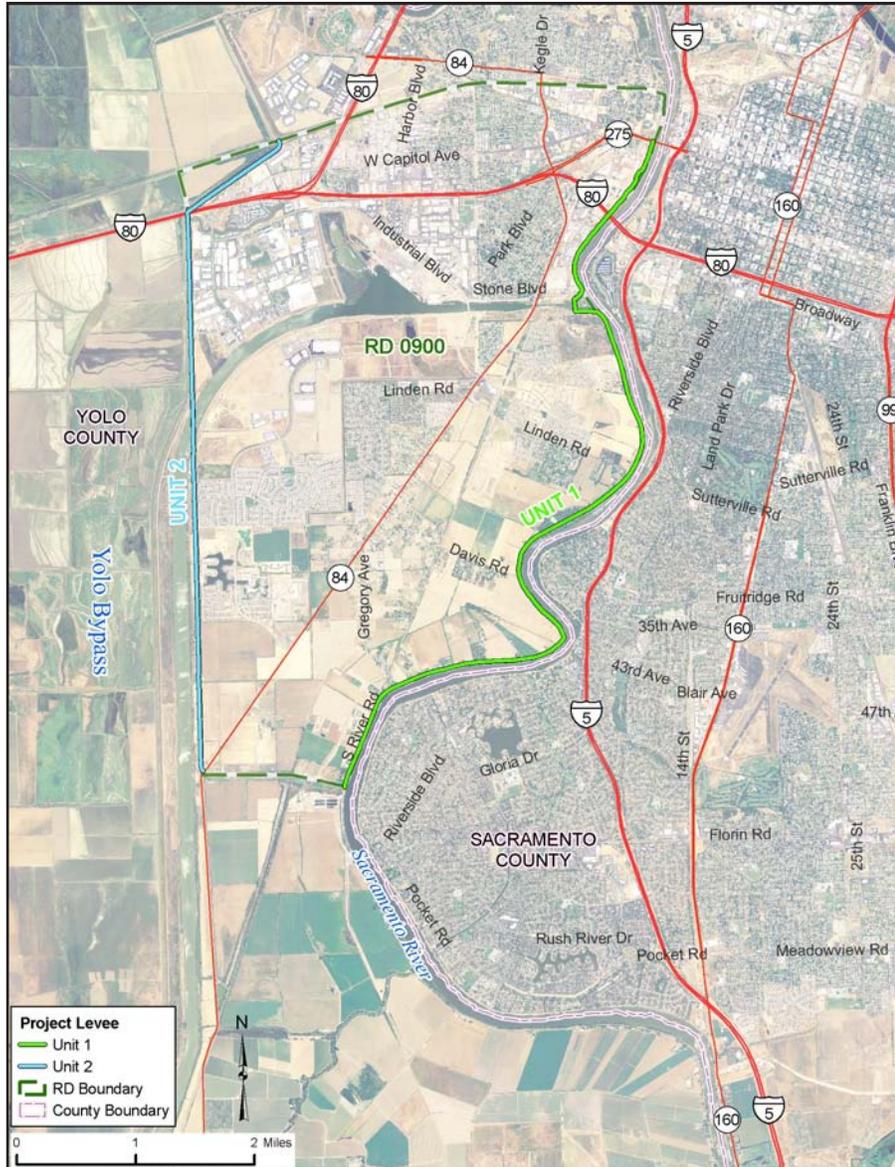
**RD 900**



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD0900	Reclamation District No. 0900 (West Sacramento)		
	Unit No. 01 Sacramento River	RB	7.84
	Unit No. 02 Yolo Bypass	LB	5.73

Reclamation District No. 900 (West Sacramento)



**USACE Operation and Maintenance Manual Information:**

**Title**

West Levee of Sacramento River From Sacramento Weir to Mile 51.20 and South Levee of Sacramento By-Pass and East Levee of Yolo By-Pass from Sacramento By-Pass to South Boundary of Reclamation District 900.

**Unit No.**

Sacramento River 116

**Protection Provided**

The levees of this unit provide direct protection to agricultural lands and the towns of Broderick, Bryte, and West Sacramento against flood waters in the Sacramento River, Sacramento Bypass, and Yolo Bypass.

**Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 1.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 2.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

No information provided by the Agency for Part 3.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

No information provided by the Agency for Part 4.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

**RD 900**

**Reclamation District No. 900 (West Sacramento)**

# Reclamation District No. 999 (Netherlands) Yolo County

## Contact

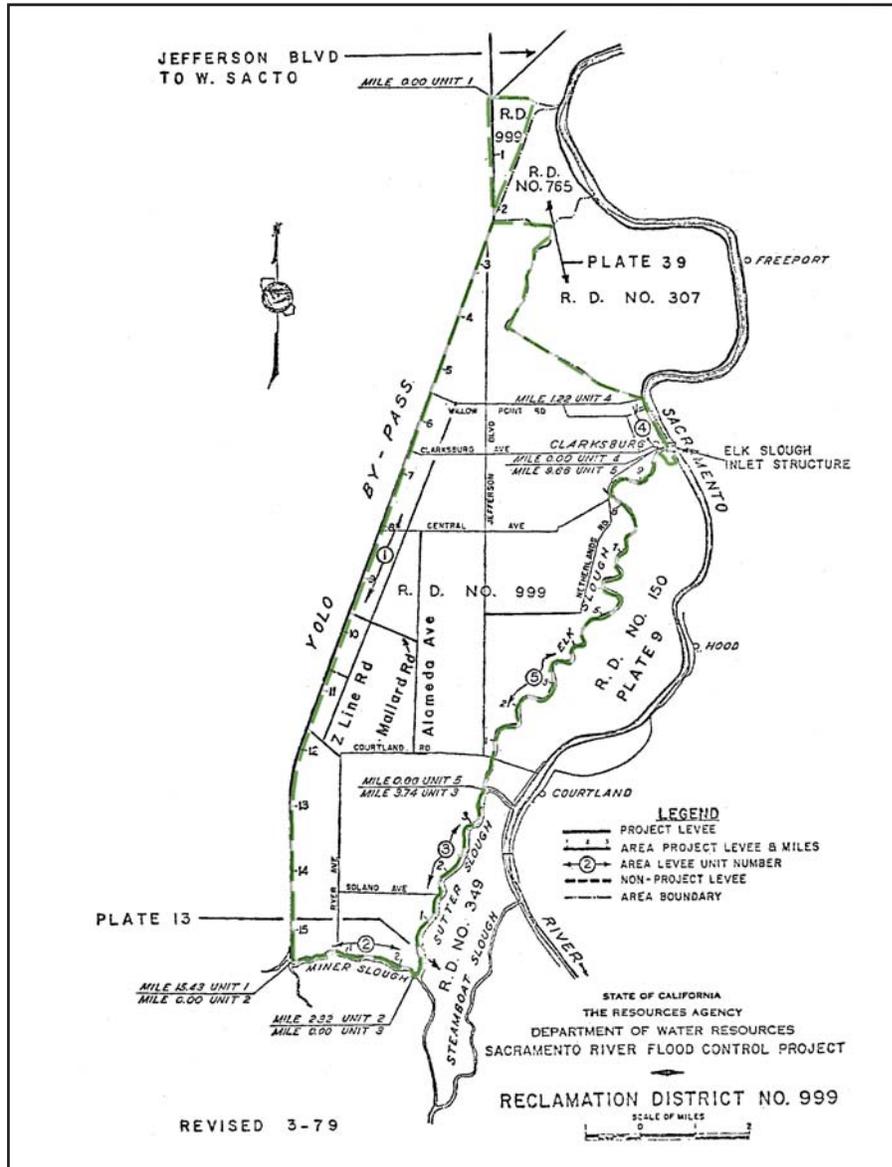
Stephen F. Heringer • President

District Office • 38563 Netherlands Road

Clarksburg CA 95612-5003 • Phone: (916) 775-2144

# SACRAMENTO SYSTEM: RECLAMATION DISTRICT NO. 999 (NETHERLANDS)

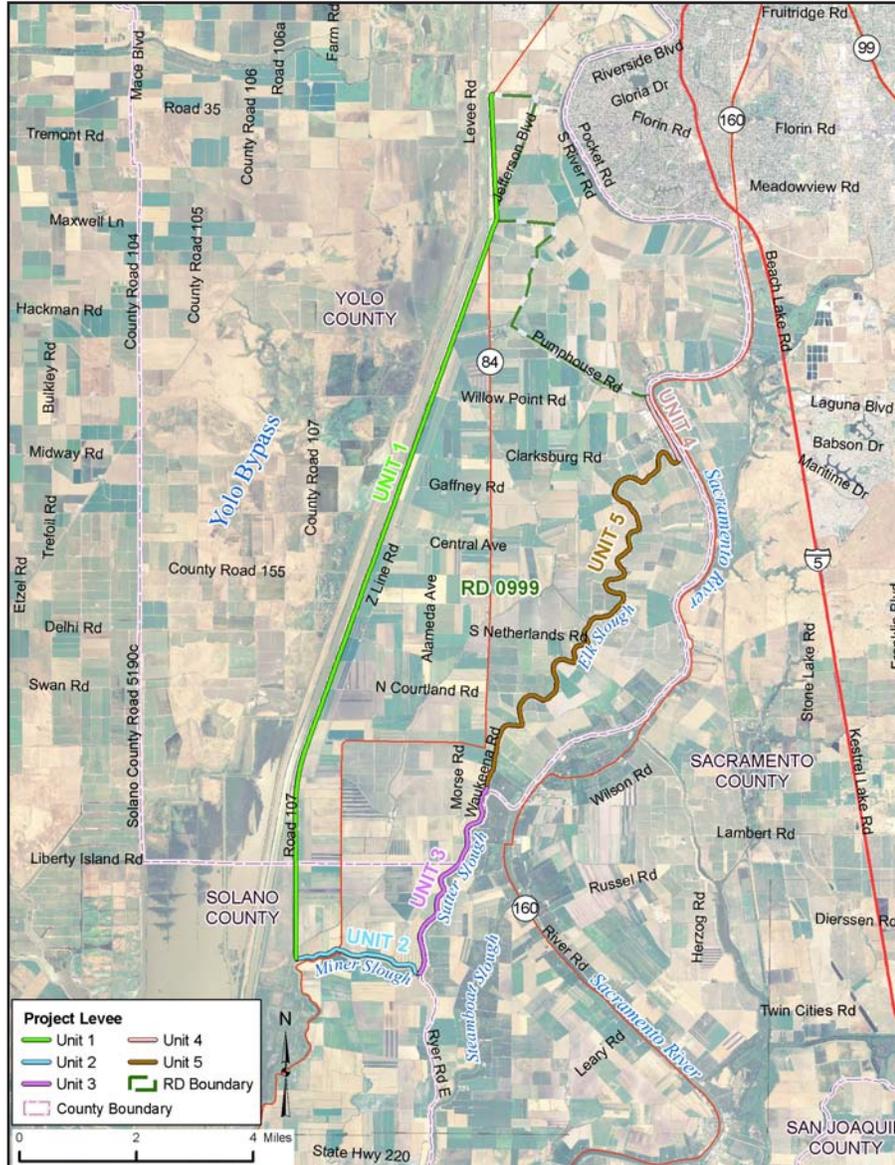
RD 999



## Levee Information:

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD0999	Reclamation District No. 0999 (Netherlands)		
	Unit No. 01 Yolo Bypass	LB	15.43
	Unit No. 03 Sutter Slough	RB	3.74
	Unit No. 04 Sacramento River	RB	1.22
	Unit No. 05 Elk Slough	RB	9.66
	Unit No. 02 Miner Slough	RB	2.32

## SACRAMENTO SYSTEM: RECLAMATION DISTRICT NO. 999 (NETHERLANDS)



RD 999

### USACE Operation and Maintenance Manual Information:

#### Title

East Levee of Yolo Bypass, North Levee of Miner Slough, West Levees of Sutter Slough, Elkhorn Slough and Sacramento River, all bordering Reclamation District 999.

#### Unit No.

Sacramento River 113

#### Protection Provided

The levees provide direct protection to adjacent agricultural lands against flood waters from the Yolo Bypass, Sacramento River, Miner, Sutter and Elkhorn Sloughs.

**Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 1.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 2.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished for all levee units and the locations of these activities. Activities include engineering, patrolling, roadway grading, rodent baiting, seepage control, surveying, vegetation mowing, spraying and tree trimming.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities for all levee units. Expenses include costs of encroachment control, engineering, erosion repair, inspections, patrolling, roadway grading, rodent baiting, seepage control, surveying, vegetation mowing, spraying and tree trimming. The reported total estimated cost for the fiscal year is \$392,000.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

**RD 999**

**Reclamation District No. 999 (Netherlands)**

# Reclamation District No. 1000

**(Natomas)**

**Sacramento County**

**Sutter County**

## **Contact**

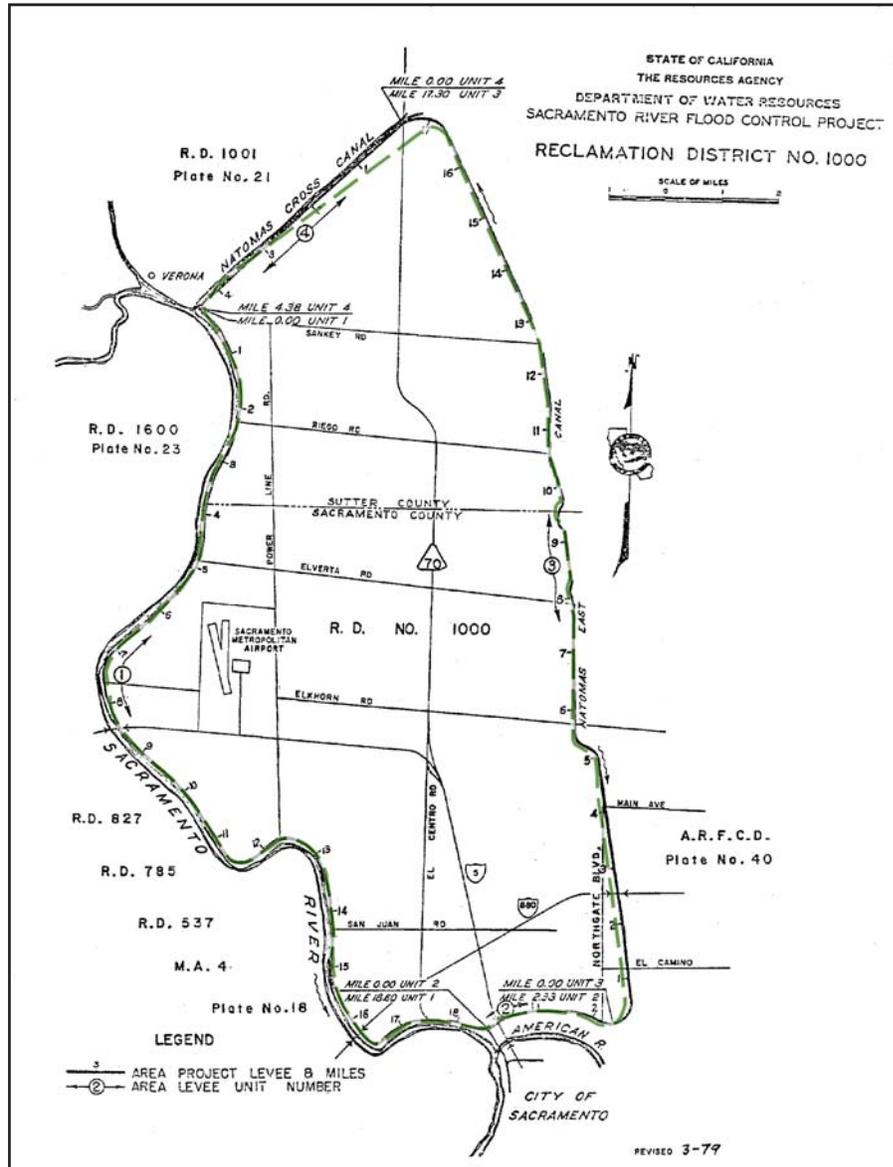
Paul Devereux • General Manager

District Office • 1633 Garden Highway

Sacramento CA 95833 • Phone: (916) 922-1449

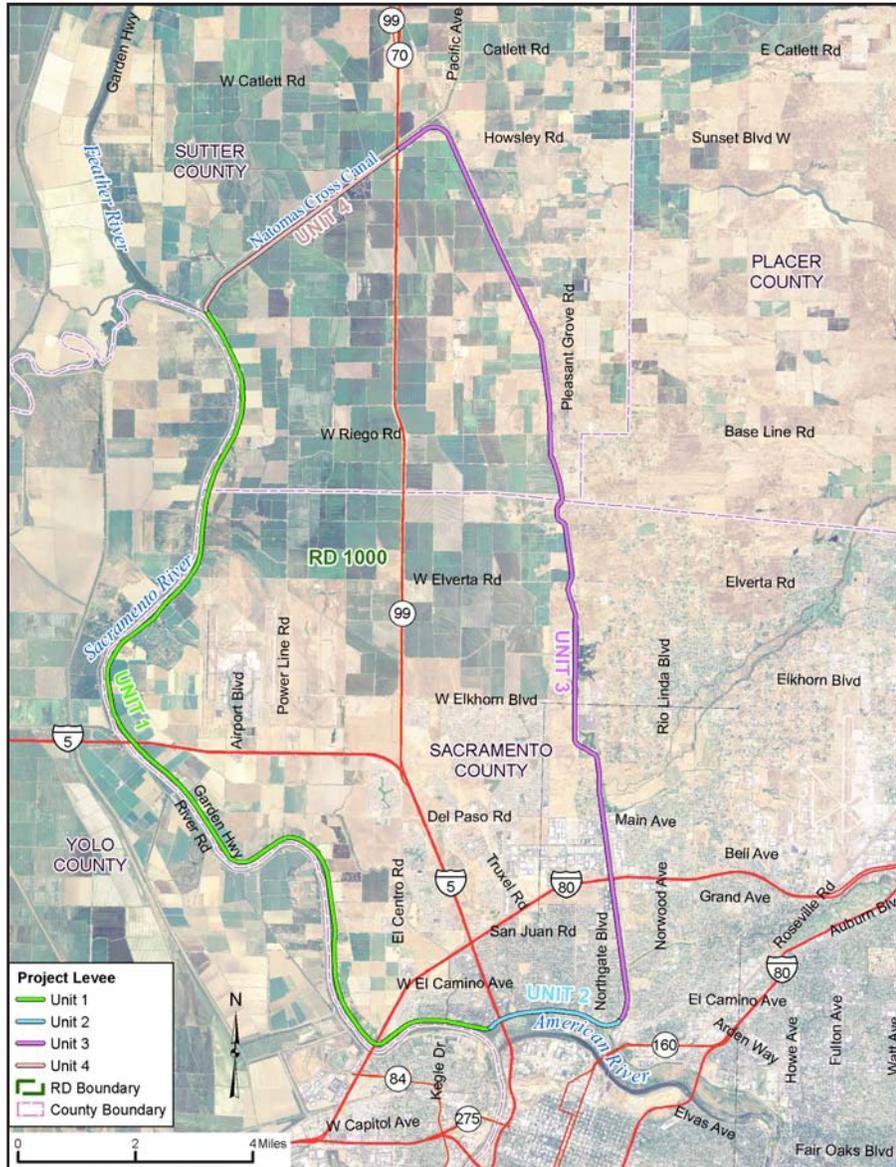
# SACRAMENTO SYSTEM: RECLAMATION DISTRICT NO. 1000 (NATOMAS)

RD 1000



## Levee Information:

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD1000	Reclamation District No. 1000 (Natomas)		
	Unit No. 01 Sacramento River	LB	18.60
	Unit No. 02 American River	RB	2.33
	Unit No. 03 Natomas East Canal	RB	17.17
	Unit No. 04 Natomas Cross Canal	LB	4.38



**USACE Operation and Maintenance Manual Information:**

**Title**

North Levee of the American River from Natomas East Canal to the Sacramento River and East Levee of the Sacramento River from Natomas Cross Canal to American River.

**Unit No.**

Sacramento River 124

**Protection Provided**

The levees provide protection to agricultural lands against high water of the Sacramento River.

**USACE Operation and Maintenance Manual Information:**

***Title***

Back Levee of Reclamation District 1000.

***Unit No.***

Sacramento River 125

***Protection Provided***

The levee provides direct protection to about 52,000 acres of highly developed agricultural land and related buildings and homes, a small part of North Sacramento, the subdivision of Northgate and several county roads.

RD 1000

**Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 1.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported seepage at various locations on all Levee Units. The Agency identified insufficient freeboard for revised 100-year flood or 200-year flood from Natomas Cross Canal to Powerline Road and insufficient freeboard for 200-year flood on Pleasant Grove Creek Canal from Howsley Road to Sankey Road. The Agency reported squirrel holes and beaver dens at various locations. The Agency noted a gap in the levee in Levee Unit 3 at Sankey Road crossing. The Agency noted encroachments limiting access and visibility on Levee Unit 1 at various locations. The Agency described levee toe erosion caused by storage containers in Levee Unit 1. The Agency mentioned new construction planned in Levee Units 1 south of Elverta Road to Elkhorn Blvd. The Agency reported caving of beaver dens in Levee Units 3 and 4. These dens were collapsed and backfilled by the Agency. The Agency also reported that the pipes at Plant 4 on Natomas Cross Canal will be below the design surface elevation until these pipes are raised as part of the Natomas Levee Project. The levee under these pipes will have insufficient freeboard until filled after the pipes are raised.

**RD 1000**

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished for all levee units and the locations of these activities. Activities include encroachment control, erosion repair, gate maintenance, inspections, patrolling, roadway maintenance, rodent baiting, vegetation burning, mowing, spraying and tree trimming.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities for all levee units. Expenses include costs of encroachment control, erosion repair, gate maintenance, inspections, patrolling, roadway maintenance, rodent baiting, vegetation burning, mowing, spraying and tree trimming. The reported total estimated cost for the fiscal year is \$1,186,000.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

The Agency reported encroachments in all levee units. The Agency also described the status of the Natomas Levee Improvement Project (NLIP) in all levee units. The goal of the NLIP is to provide 200-year flood protection to the Natomas Basin.



# Reclamation District No. 1001 (Nicolaus) Sutter County

## Contact

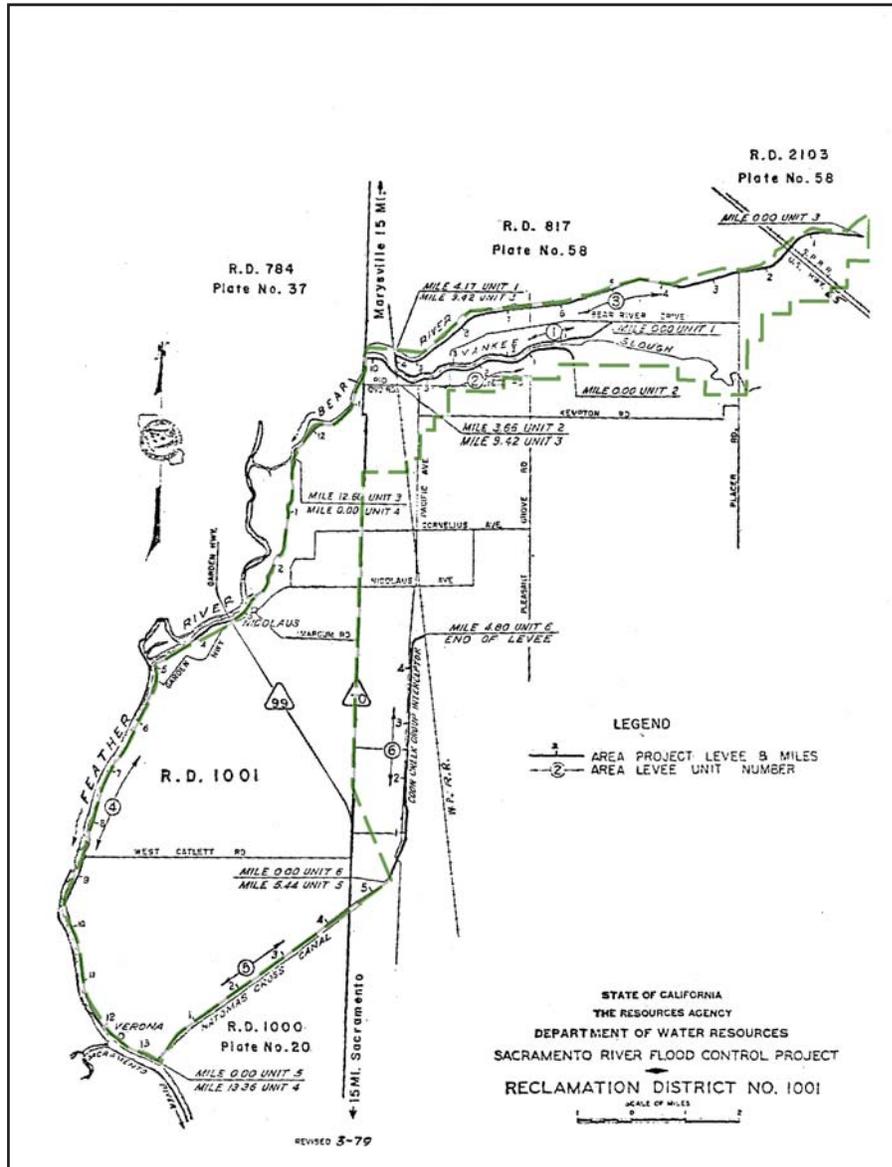
Robert Scheiber • President

District Office • 1959 Cornelius Ave

Rio Oso CA 95674 • Phone: (530) 656-2318

**SACRAMENTO SYSTEM: RECLAMATION DISTRICT NO. 1001 (NICOLAUS)**

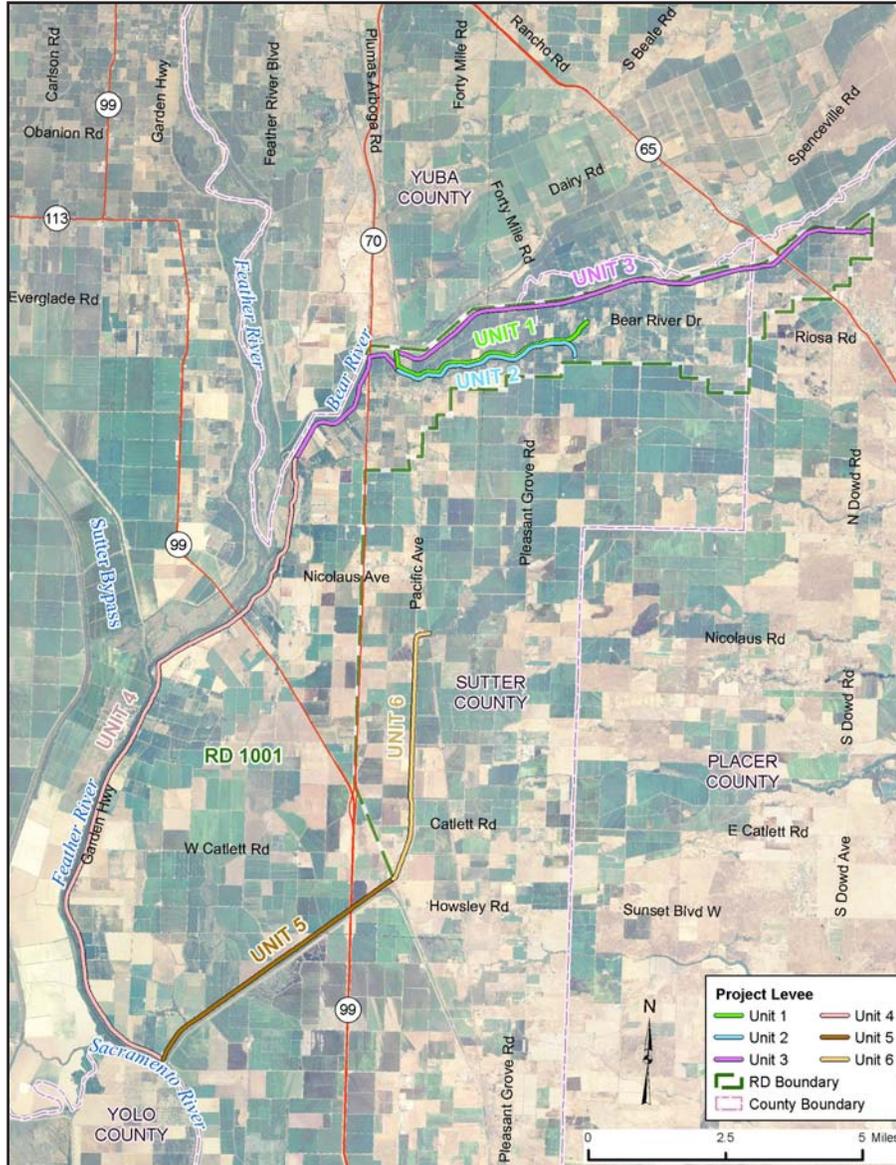
**RD 1001**



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD1001	Reclamation District No. 1001 (Nicolaus)		
	Unit No. 02 Yankee Slough	LB	3.66
	Unit No. 01 Yankee Slough	RB	4.17
	Unit No. 03 Bear River	LB	12.60
	Unit No. 04 Feather River	LB	13.36
	Unit No. 05 Natomas Cross Canal	RB	5.44
	Unit No. 06 East Side Canal	RB	4.80

Reclamation District No. 1001 (Nicolaus)



**RD 1001**

**USACE Operation and Maintenance Manual Information:**

**Title**

Sacramento River Flood Control Project Unit No. 141 - Part No. 1 East Levee Of Feather River From Bear River To Natomas Cross Canal And South Levee Of Bear River and both Levees Of Yankee Slough.

**Unit No.**

Sacramento River 141.1

**Protection Provided**

Levees of the Feather River, Bear River and Yankee Slough, as described in this unit, provide direct protection to adjacent agricultural lands against flood water of the Feather River, Bear River and Yankee Slough.

**USACE Operation and Maintenance Manual Information:**

***Title***

Sacramento River Flood Control Project Unit No. 142 Back Levee of Reclamation District 1001.

***Unit No.***

Sacramento River 142

***Protection Provided***

The levee of this unit provides direct protection to the towns of Nicolaus and East Nicolaus, and adjacent agricultural lands against floodwaters of the Natomas Cross Canal and the East Side Canal.

**RD 1001**

## **Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported beaver dams in Levee Units 2 and 3. The Agency also reported a fallen tree at Levee Unit 2, LM 1.30.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported elderberry bushes blocking visibility in Levee Unit 4. The Agency reported erosion at Levee Unit 4, LM 5.10, 8.75 to 9.10, and 12.50.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished for all levee units and the locations of these activities. Activities include replacement of 36" and 42" pipes through levee and vegetation control.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities for all levee units. Expenses include costs of encroachment control, roadway graveling, grading, rodent control, vegetation restoration and spraying. The reported total estimated cost for the fiscal year is \$37,000.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.



# Reclamation District No. 1500 (Sutter Basin) Sutter County

## Contact

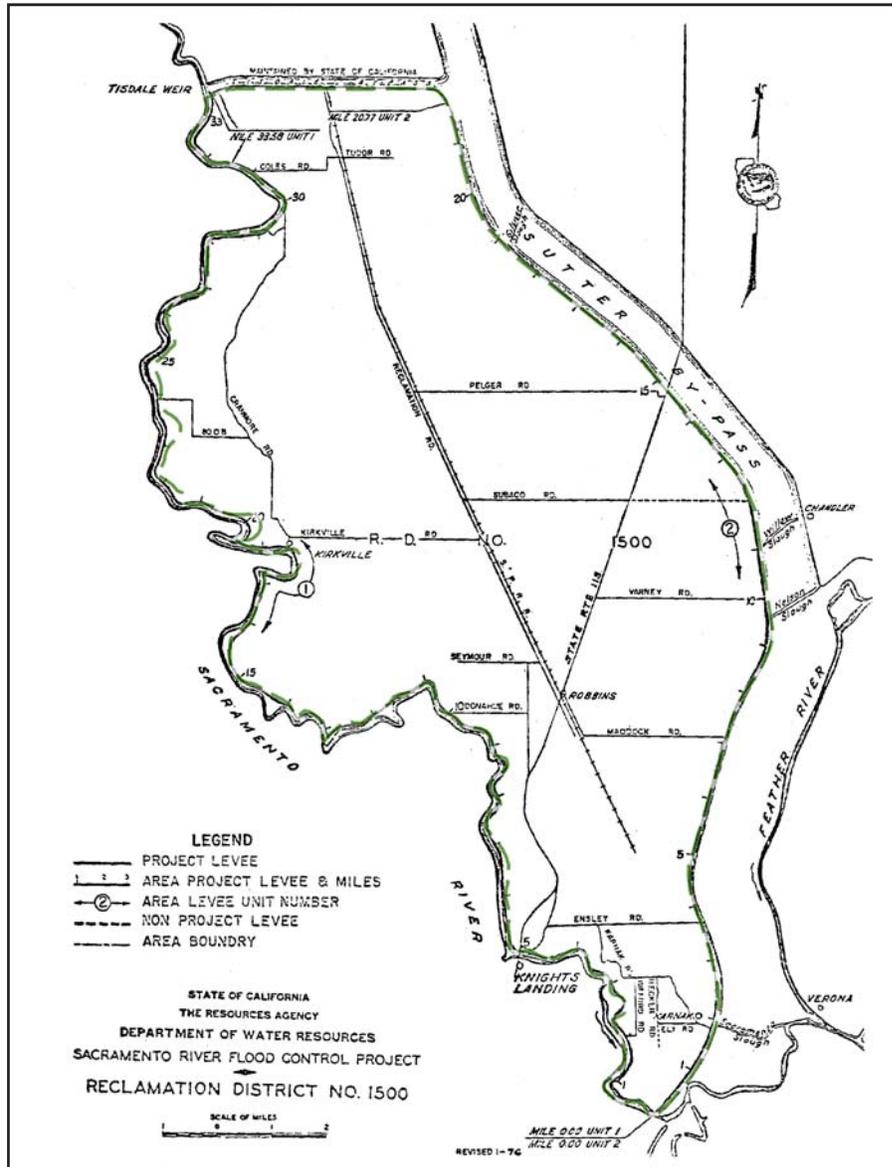
George Van Ruiten Jr • President  
District Office • P.O. Box 96  
Robbins CA 95676 • Phone: (530) 738-4423

RD 1500

Reclamation District No. 1500 (Sutter Basin)

# SACRAMENTO SYSTEM: RECLAMATION DISTRICT NO. 1500 (SUTTER BASIN)

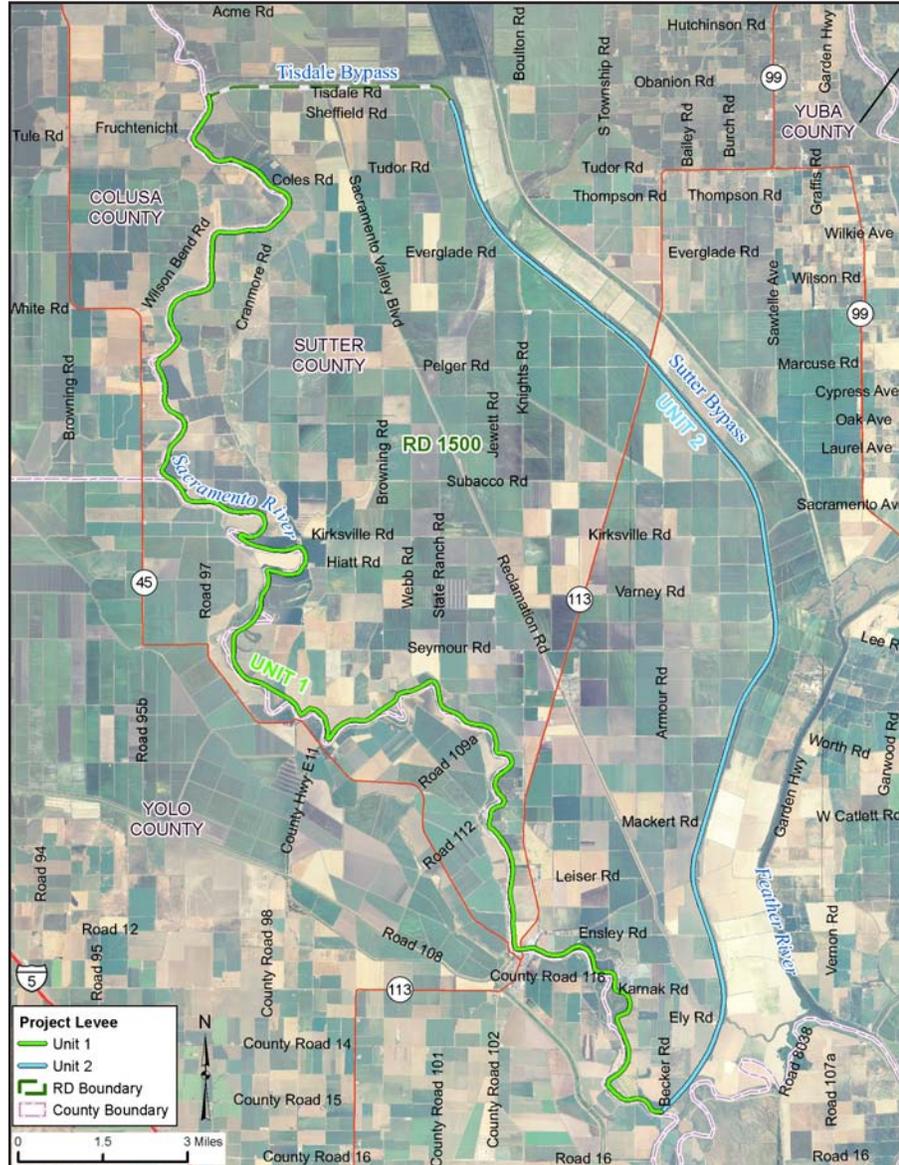
RD 1500



## Levee Information:

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD1500	Reclamation District No. 1500 (Sutter Basin)		
	Unit No. 01 Sacramento River	LB	33.58
	Unit No. 02 Sutter Bypass	RB	20.77

## SACRAMENTO SYSTEM: RECLAMATION DISTRICT NO. 1500 (SUTTER BASIN)



RD 1500

### USACE Operation and Maintenance Manual Information:

#### **Title**

East Levee of Sacramento River from Sutter Bypass to Tisdale Weir All Within Reclamation District 1500, Mile 84.5 to 118.5.

#### **Unit No.**

Sacramento River 128

#### **Protection Provided:**

Provide direct protection to about 64,000 acres of agricultural lands that lie easterly from the levee.

**USACE Operation and Maintenance Manual Information:**

***Title***

South Levee of Tisdale Bypass from the East Levee Sacramento River to the West Levee of Sutter Bypass and West Levee Sutter Bypass Downstream to East Levee of Sacramento River.

***Unit No.***

Sacramento River 129

***Protection Provided***

Provide protection to adjacent agricultural lands against high water in the Sutter Bypass and Tisdale Bypass.

**RD 1500**

## Summary of Information Reported in 2010

### Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)

The Agency provided a summary of integrity issues and their locations with corresponding suggestions and cost estimations of needed repair work. Integrity issues for Levee Unit 1 include boils at LM 13, erosion or sloughing at LM 2.37, 2.50, 8.75, 12.30, 12.64, 18.5, 31.6 to 32.2, boils at LM 13 and seepage at LM 12.5 to 14.35. Integrity issues for Levee Unit 2 include sloughing at LM 1.50 to 1.55, boils at LM 10 to 10.7, 15.8 to 16, 18.25, 18.5 to 19 and seepage at LM 19.88 to 20.75.

### Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)

The Agency provided a summary of integrity issues and their locations with corresponding suggestions and cost estimations of needed repair work. Integrity issues for Levee Unit 1 include boils at LM 13, erosion or sloughing at LM 2.37, 2.50, 8.75, 12.30, 12.64, 18.5, 31.6 to 32.2, boils at LM 13 and seepage at LM 12.5 to 14.35. Integrity issues for Levee Unit 2 include sloughing at LM 1.50 to 1.55, boils at LM 10 to 10.7, 15.8 to 16, 18.25, 18.5 to 19 and seepage at LM 19.88 to 20.75.

### Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year

The Agency provided a summary of maintenance activities accomplished for all levee units. Activities include channel clearing, debris removal, diversion structure maintenance, dredging, gate maintenance, levee restoration, material storage, outfall structure maintenance, patrolling, pipe replacement, pump and motor repair, pumping plant maintenance, revetment, roadway maintenance, rodent baiting, vegetation burning, disking, mowing, spraying, tree trimming, water quality monitoring, remediation and weir maintenance.

### Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency

The reported total estimated cost for the fiscal year is \$400,000 to \$450,000.

### Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR

The Agency stated that lists of drainage and irrigation structures and as-builts of diversion pipes have been provided to the DWR and USACE. The Agency also noted vegetation management procedures, an abandoned pump house, abandoned steel pipes, an abandoned concrete culvert, a broken concrete pipe, encroaching structures, unauthorized farming activity, rodent control procedures, a permit compliance issue, erosion repair plans, power pole permitting, pipe removal at Levee Unit 2, LM 19.55 and willingness to cooperate with State and Federal agencies on non-jurisdictional areas.



# Reclamation District No. 1600

(Mull)

Yolo County

RD 1600

## Contact

Kent Lang • President

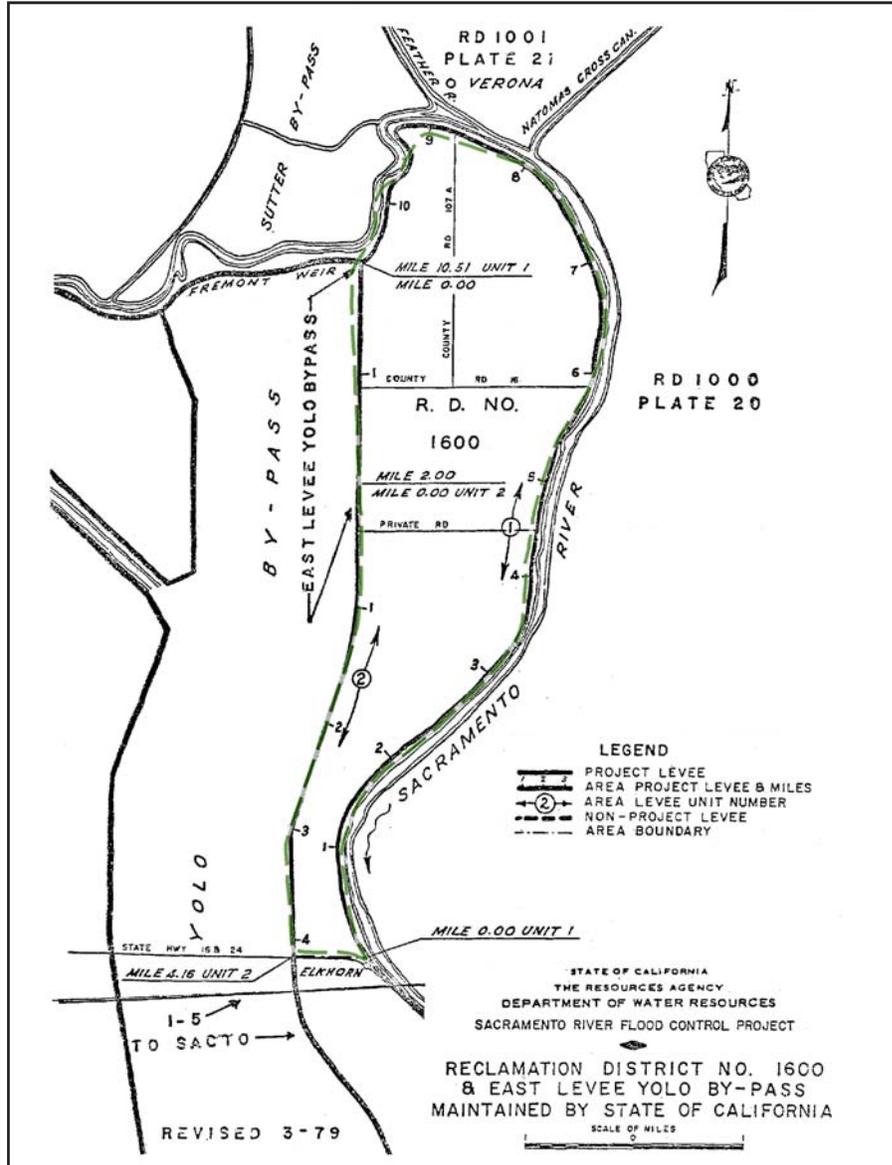
District Office • 21548 Old River Road

West Sacramento • Phone: (916) 372-3884

Reclamation District No. 1600 (Mull)

**SACRAMENTO SYSTEM: RECLAMATION DISTRICT NO. 1600 (MULL)**

**RD 1600**



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD1600	Reclamation District No. 1600 (Mull)		
	Unit No. 01 Sacramento River	RB	10.51
	Unit No. 02 Yolo Bypass	LB	4.22

Reclamation District No. 1600 (Mull)



RD 1600

**USACE Operation and Maintenance Manual Information:**

**Title**

West Levee Sacramento River from East End Fremont Weir to Mile 70.8 and East Levee Yolo By-Pass from East End Fremont Weir to Woodland Highway (Levees of Reclamation District 1600).

**Unit No.**

Sacramento River 123

**Protection Provided**

Designed to protect adjacent agricultural lands from a flood flow of 107,000 cfs in the Sacramento River Channel. The east levee of the Yolo Bypass is designed to protect adjacent agricultural lands from a flood flow of 343,000 cfs in the Yolo Bypass.

**Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency stated that they cannot comply with USACE requirements to remove elderberry bushes without violating California Fish and Game regulations. The elderberry bushes occur in multiple locations in Levee Units 1 and 2. The Agency identified three erosion sites with 80-foot diameter holes eight feet from the levee toe at Levee Unit 1, LM 7.00, 7.13 and 7.27. The Agency reported three DWR mitigation sites encroaching into the levee. The agency stated that a truck caused damage to the levee crown at one of these sites.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency stated that they cannot comply with USACE requirements to remove elderberry bushes without violating California Fish and Game regulations. The elderberry bushes occur in multiple locations in Levee Units 1 and 2. The Agency identified three erosion sites with 80-foot diameter holes eight feet from the levee toe at Levee Unit 1, LM 7.00, 7.13 and 7.27. The Agency reported three DWR mitigation sites encroaching into the levee. The agency stated that a truck caused damage to the levee crown at one of these sites. The Agency reported that filling of gravel in the levee crown at River Mile 74 to 77 is ongoing.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished for all levee units. Activities include levee repair, pump maintenance, rodent baiting, trapping, vegetation grazing and spraying.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities for all levee units. Expenses include costs of worker's compensation, road repair, ditch cleaning, pumping, vegetation spraying, flood association dues, legal services, architectural and engineering planning, professional and specialized services, levee patrolling, office overhead, utilities, contributions to co-county agencies for Mid-valley levee project and appropriations for contingencies. The reported total estimated cost for the fiscal year is \$83,600.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

**RD 1600**

**Reclamation District No. 1600 (Mull)**

# Reclamation District No. 1601 (Twitchell) Sacramento County

RD 1601

## Contact

Juan Mercado Jr • President

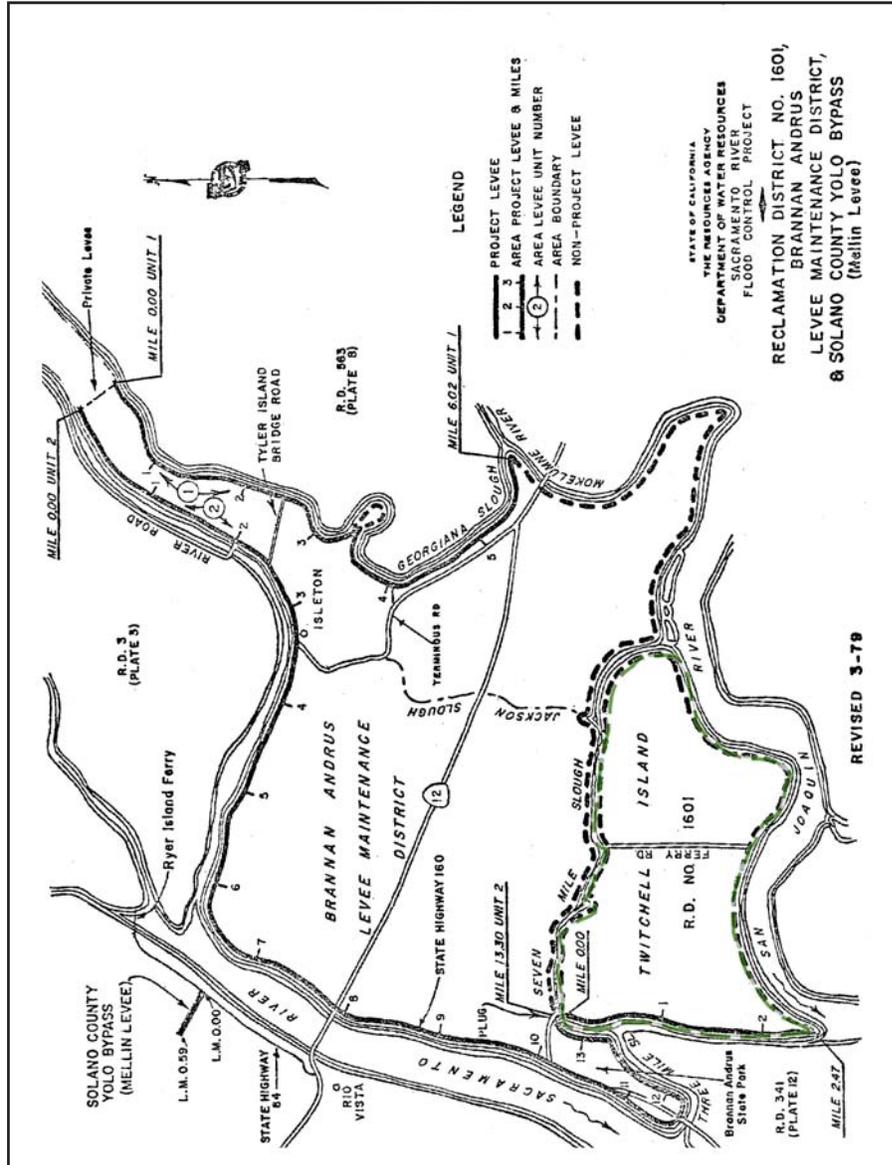
District Office • 2360 West Twitchell Island Rd

Rio Vista CA 94571 • Phone: (916) 777-6992

Reclamation District No. 1601 (Twitchell)

SACRAMENTO SYSTEM: RECLAMATION DISTRICT NO. 1601 (TWITCHELL)

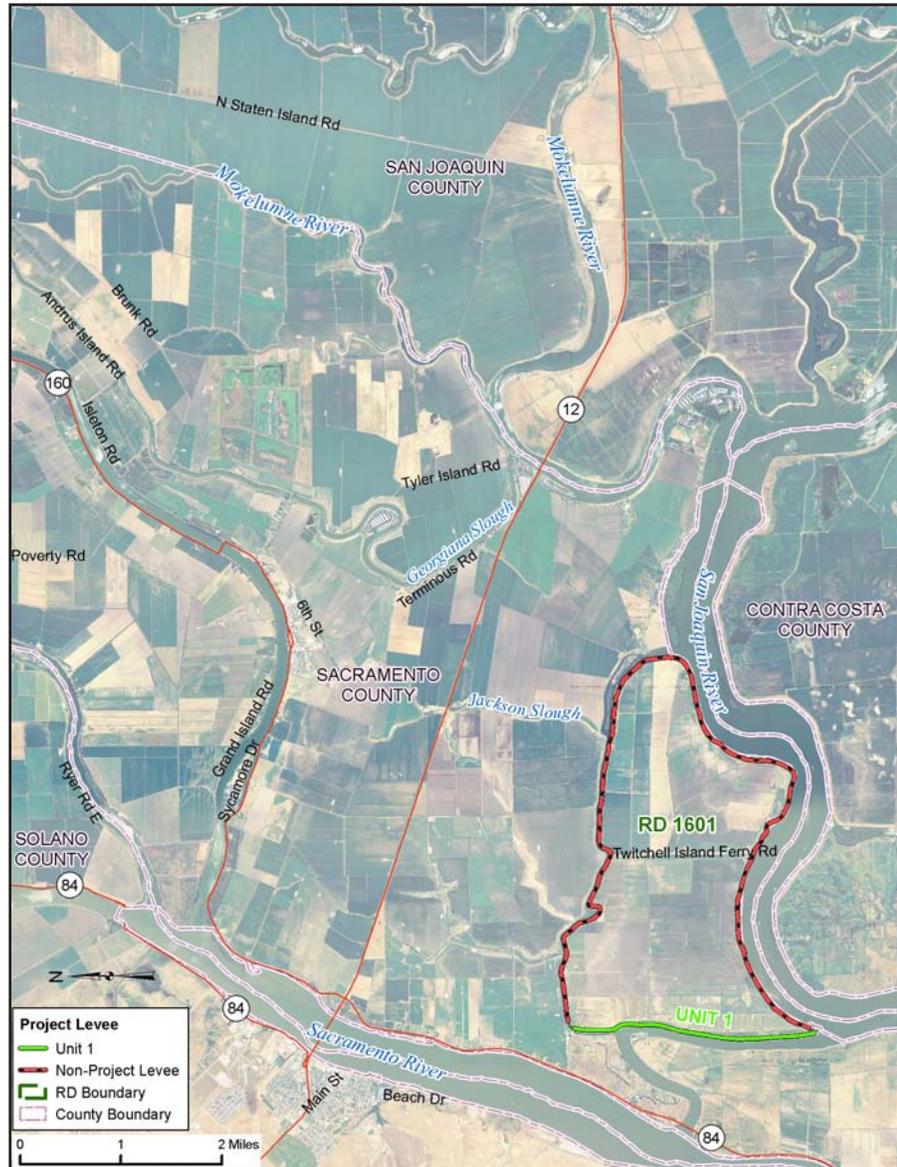
RD 1601



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD1601	Reclamation District No. 1601 (Twitchell) Unit No. 01 Threemile Slough	LB	2.47

Reclamation District No. 1601 (Twitchell)



RD 1601

**USACE Operation and Maintenance Manual Information:**

**Title**

East Levee of Sacramento River from Isleton to Threemile Slough and Northerly Levee of Threemile Slough from Sacramento River to San Joaquin River.

**Unit No.**

Sacramento River 102

**Protection Provided**

Provides direct protection to the town of Isleton and adjacent agricultural lands against floodwaters of the Sacramento River and Threemile Slough.

## **Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency directed the referencing of the latest FPIIB Levee Inspection Report.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency directed the referencing of the latest FPIIB Levee Inspection Report.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished for 9.4 miles of Non-Project Levees and 2.5 miles of Project Levees. Activities include debris removal, encroachment control, flood emergency planning, inspections, levee drainage control, mitigation, roadway grading, repair, rodent control, vegetation control and waterside slope protection.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities for 9.4 miles of Non-Project Levees and 2.5 miles of Project Levees. Expenses include costs of debris removal, encroachment control, flood emergency planning, inspections, levee drainage control, mitigation, roadway grading, repair, rodent control, vegetation control and waterside slope protection. The reported total estimated cost for the fiscal year is \$261,063.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

The Agency stated that they look forward to providing more accurate information in the future.

**RD 1601**

# Reclamation District No. 1660 (Tisdale) Sutter County

RD 1660

## Contact

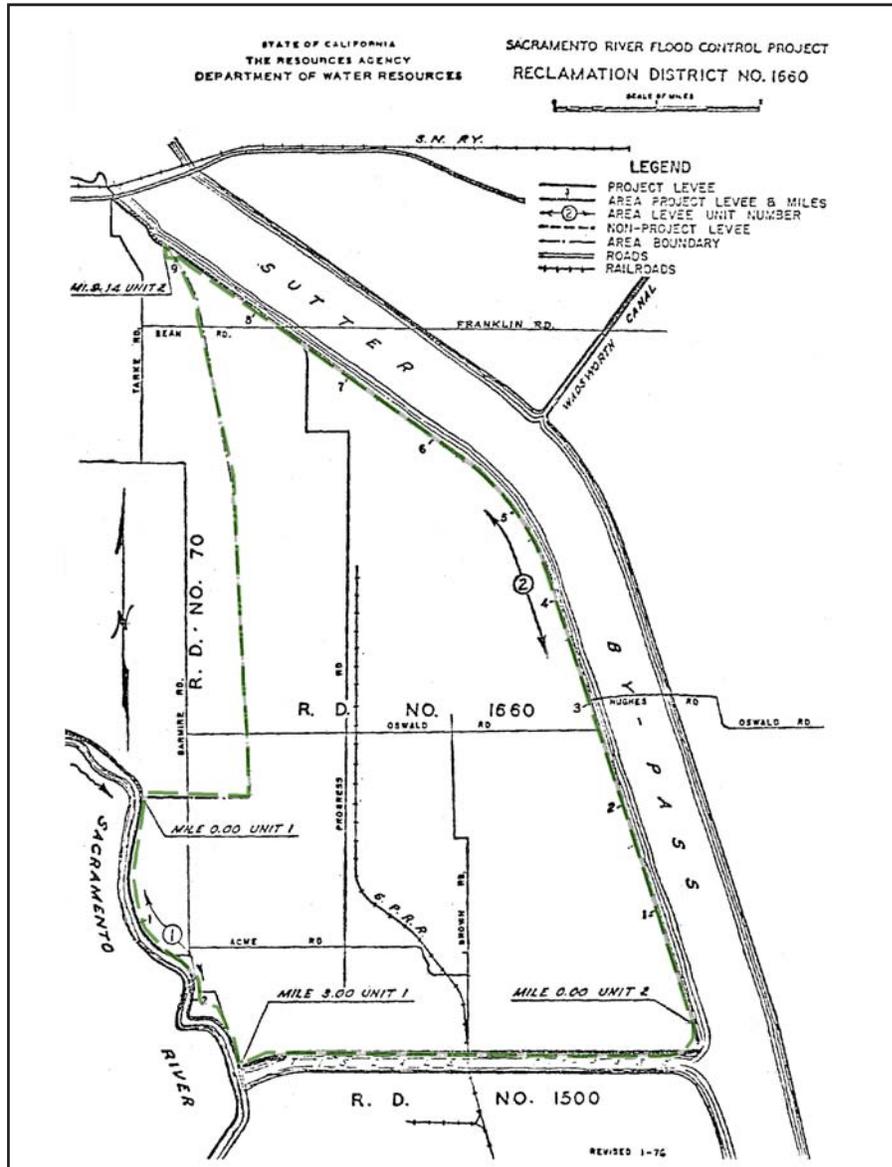
Ron Long • Manager

District Office • P.O. Box 35

Meridian CA 95957 • Phone: (530) 696-2569

Reclamation District No. 1660 (Tisdale)

**SACRAMENTO SYSTEM: RECLAMATION DISTRICT NO. 1660 (TISDALE)**

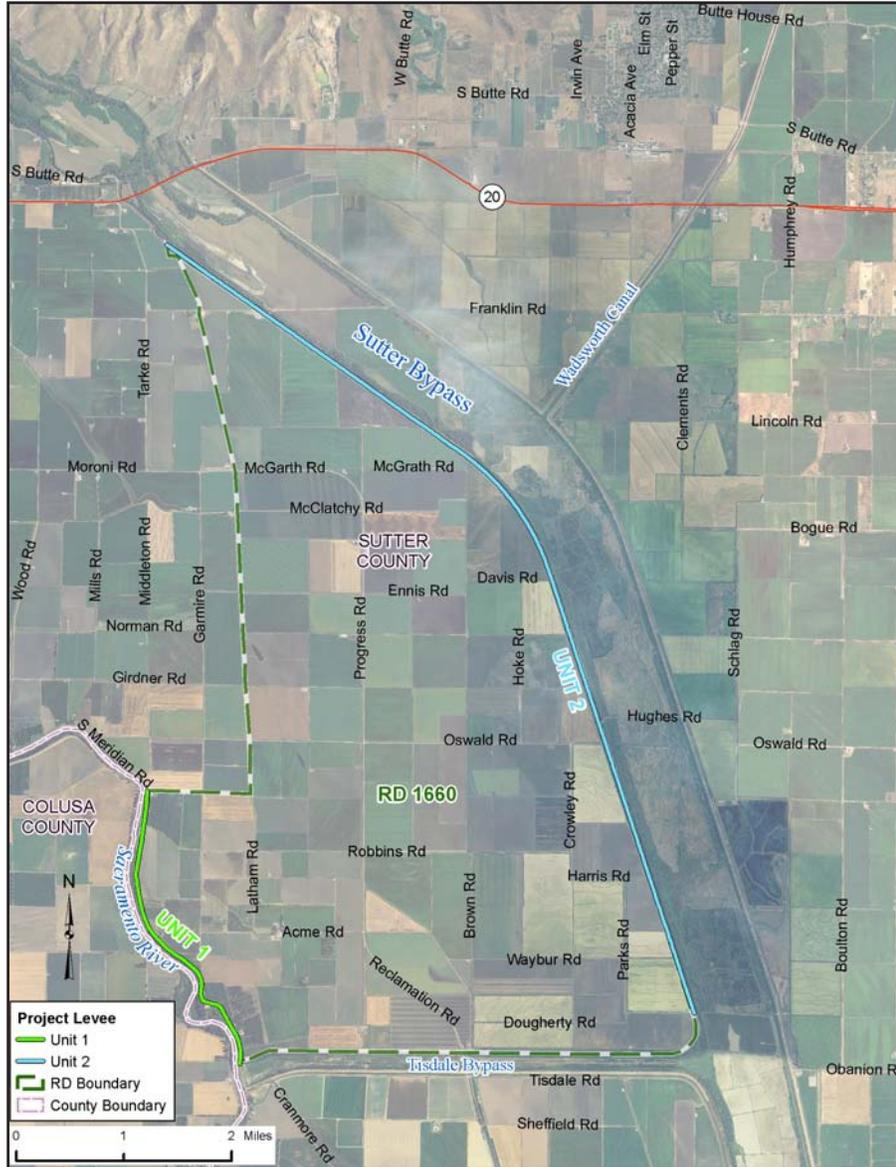


**RD 1660**

**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD1660	Reclamation District No. 1660 (Tisdale)		
	Unit No. 01 Sacramento River	LB	3.00
	Unit No. 02 Sutter Bypass	RB	9.14

Reclamation District No. 1660 (Tisdale)



RD 1660

**USACE Operation and Maintenance Manual Information:**

**Title**

East Levee of Sacramento River from Winship School to Tisdale Bypass and North Levee of Tisdale Bypass and West Levee of Sutter Bypass from Long Bridge to Tisdale Bypass.

**Unit No.**

Sacramento River 133

**Protection Provided**

Provide protection to adjacent agricultural lands and the town of Meridian against flood waters of the Sacramento River, Tisdale Bypass, and Sutter Bypass.

**Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 1.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 2.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished for all levee units. Activities include patrolling, rodent control, vegetation burning, dragging, spraying and tree trimming.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The reported total estimated cost for the fiscal year is \$250,000.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

**RD 1660**

# Reclamation District No. 2035 (Conaway) Yolo County

RD 2035

## Contact

Regina Cherovsky • President

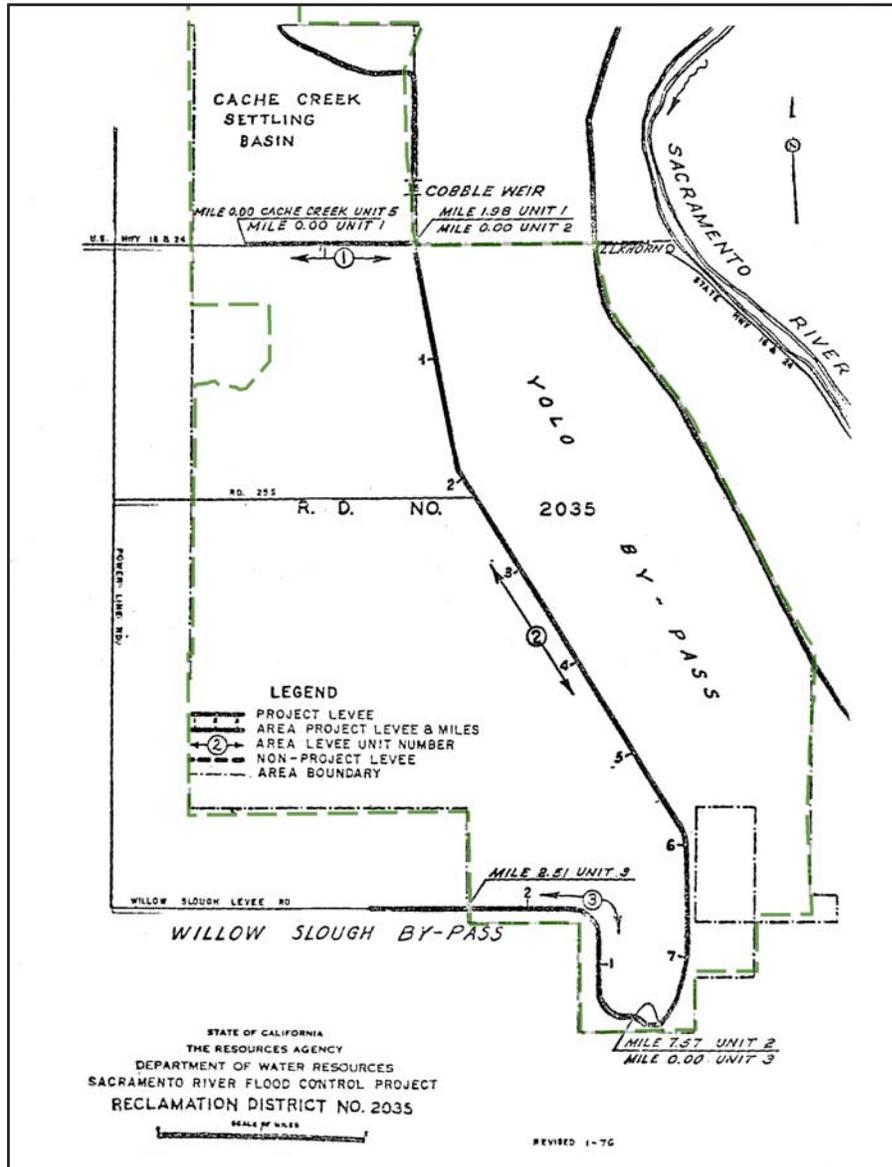
District Office • 45332 County Road 25

Woodland CA 95776 • Phone: (530) 662-6200

Reclamation District No. 2035 (Conaway)

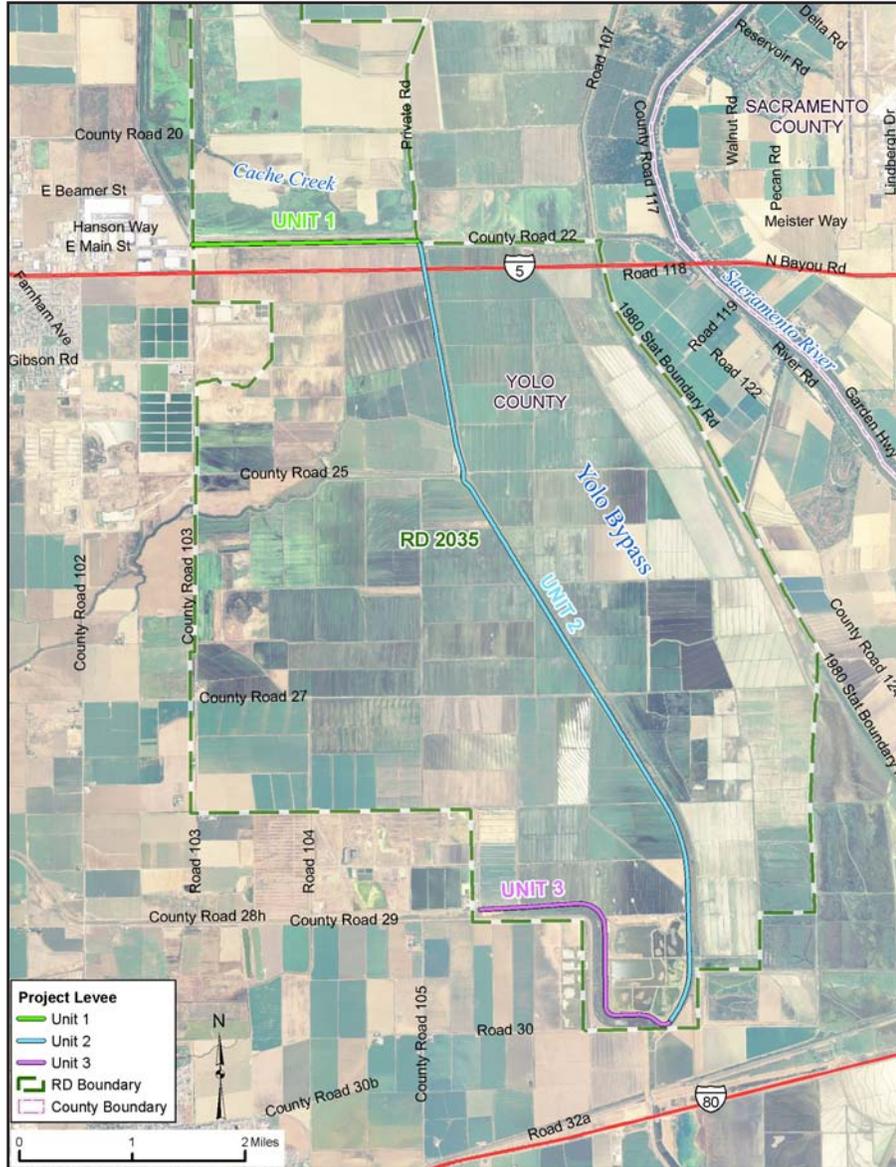
# SACRAMENTO SYSTEM: RECLAMATION DISTRICT NO. 2035 (CONAWAY)

RD 2035



## Levee Information:

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD2035	Reclamation District No. 2035 (Conaway)		
	Unit No. 01 Cache Creek Settling Basin	RB	2.01
	Unit No. 02 Yolo Bypass	RB	7.57
	Unit No. 03 Willow Slough Bypass	LB	2.51



**RD 2035**

**USACE Operation and Maintenance Manual Information:**

**Title**

Right Levee of Yolo Bypass from Willow Slough Bypass to Woodland Road, Reclamation District 2035

**Unit No.**

Sacramento River 121

**Protection Provided**

The levee provides direct protection to agricultural lands within Reclamation District 2035 that lies west of the Yolo Bypass.

**Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 1.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 2.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

No information provided by the Agency for Part 3.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

No information provided by the Agency for Part 4.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

**RD 2035**

# Reclamation District No. 2060 (Hastings) Solano County

RD 2060

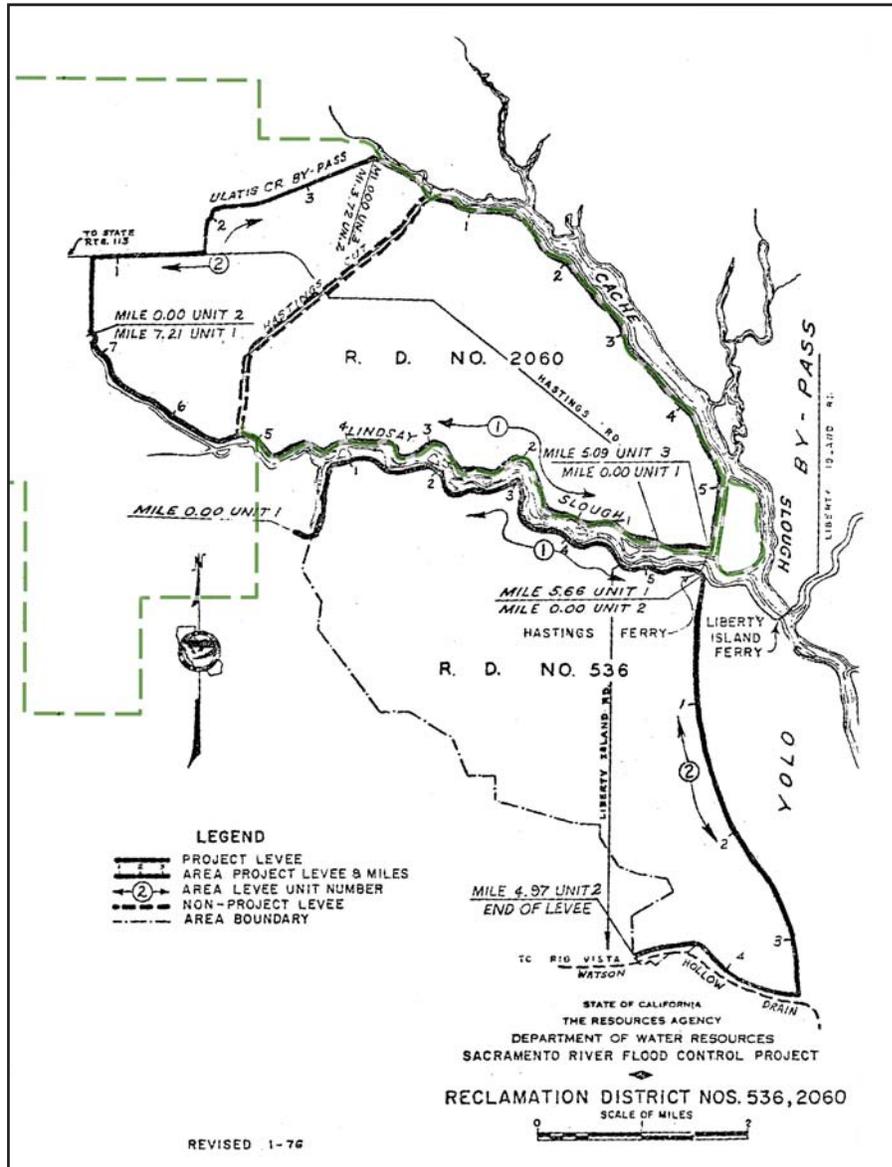
## Contact

Henry Kuechler III • President  
District Office • 1143 Crane Street #200  
Menlo Park CA 94025 • Phone: (650) 328-0820

Reclamation District No. 2060 (Hastings)

**SACRAMENTO SYSTEM: RECLAMATION DISTRICT NO. 2060 (HASTINGS)**

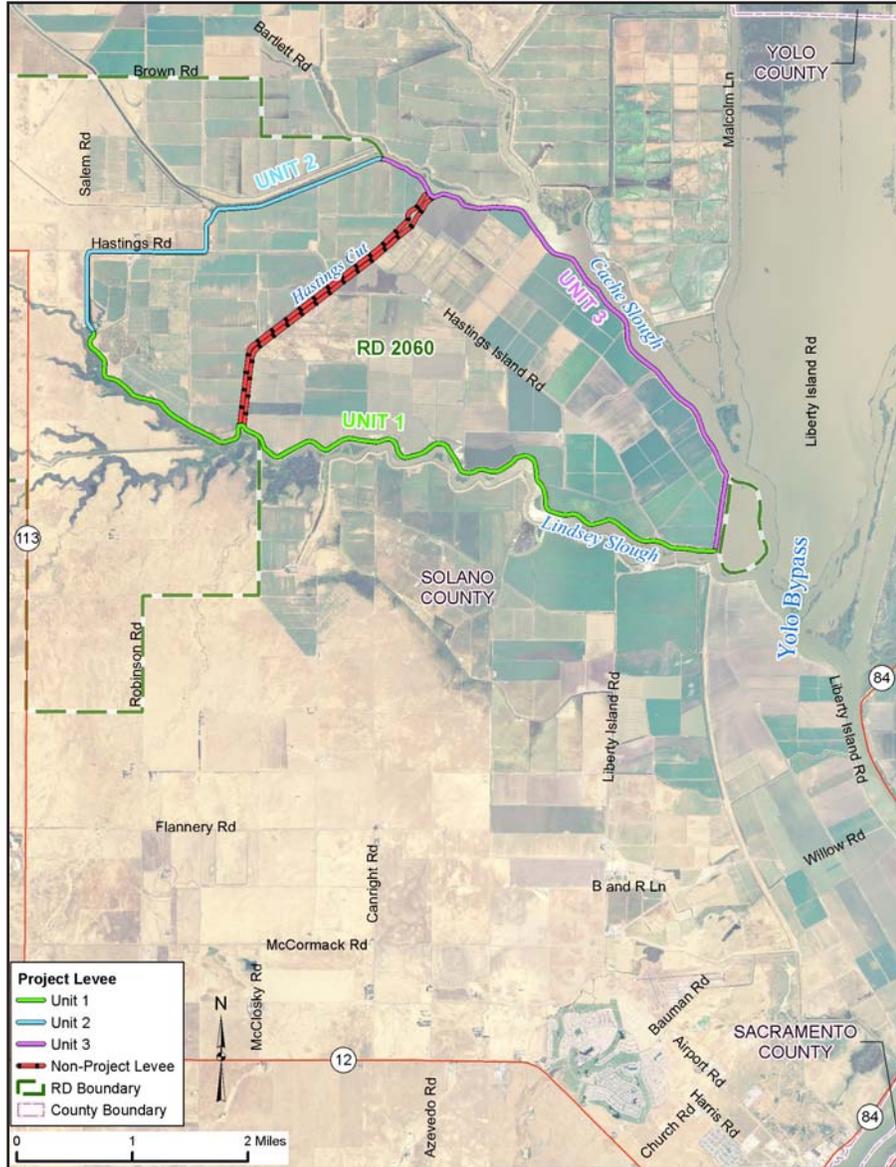
**RD 2060**



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD2060	Reclamation District No. 2060 (Hastings)		
	Unit No. 01 Lindsey Slough	LB	6.94
	Unit No. 02 Ulatis Creek	RB	3.70
	Unit No. 03 Cache Slough	RB	5.03

Reclamation District No. 2060 (Hastings)



**RD 2060**

**USACE Operation and Maintenance Manual Information:**

**Title**

Levees around Hastings Tract Reclamation District 2060.

**Unit No.**

Sacramento River 107

**Protection Provided**

Provides direct protection to Hastings Tract against floodwaters of Ulatis Creek, Barker Slough, Cache Slough and Lindsey Slough.

**Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported seepage sites at Levee Unit 1, LM 0.60 to 0.75, 0.75 to 1.10, 2.20 to 2.25, 2.25 to 2.65, 3.20 to 3.25, 3.25 to 3.35, 3.60 to 3.65 and 3.67, Levee Unit 3, LM 2.83, 3.79 to 3.88, 4.15 to 4.25, 4.50 to 4.60, 4.69 and 5.09 and four erosion sites in Levee Unit 1, between LM 0.40 and 1.85.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported seepage sites at Levee Unit 1, LM 0.60 to 0.75, 0.75 to 1.10, 2.20 to 2.25, 2.25 to 2.65, 3.20 to 3.25, 3.25 to 3.35, 3.60 to 3.65 and 3.67, Levee Unit 3, LM 2.83, 3.79 to 3.88, 4.15 to 4.25, 4.50 to 4.60, 4.69 and 5.09 and four erosion sites in Levee Unit 1, between LM 0.40 and 1.85.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities performed for all levee units and the locations of these activities. Activities include gate maintenance, inspections, roadway graveling, grading, vegetation dragging, grazing and mowing.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities for all levee units. Expenses include costs of gate maintenance, inspections, roadway graveling, grading, vegetation dragging, grazing and mowing. The reported total estimated cost for the fiscal year is \$77,000.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

The Agency stated that there is no new information available to the Agency to report on levee condition or performance.

**RD 2060**

**Reclamation District No. 2060 (Hastings)**

# Reclamation District No. 2068 (Yolano) Solano County

RD 2068

## Contact

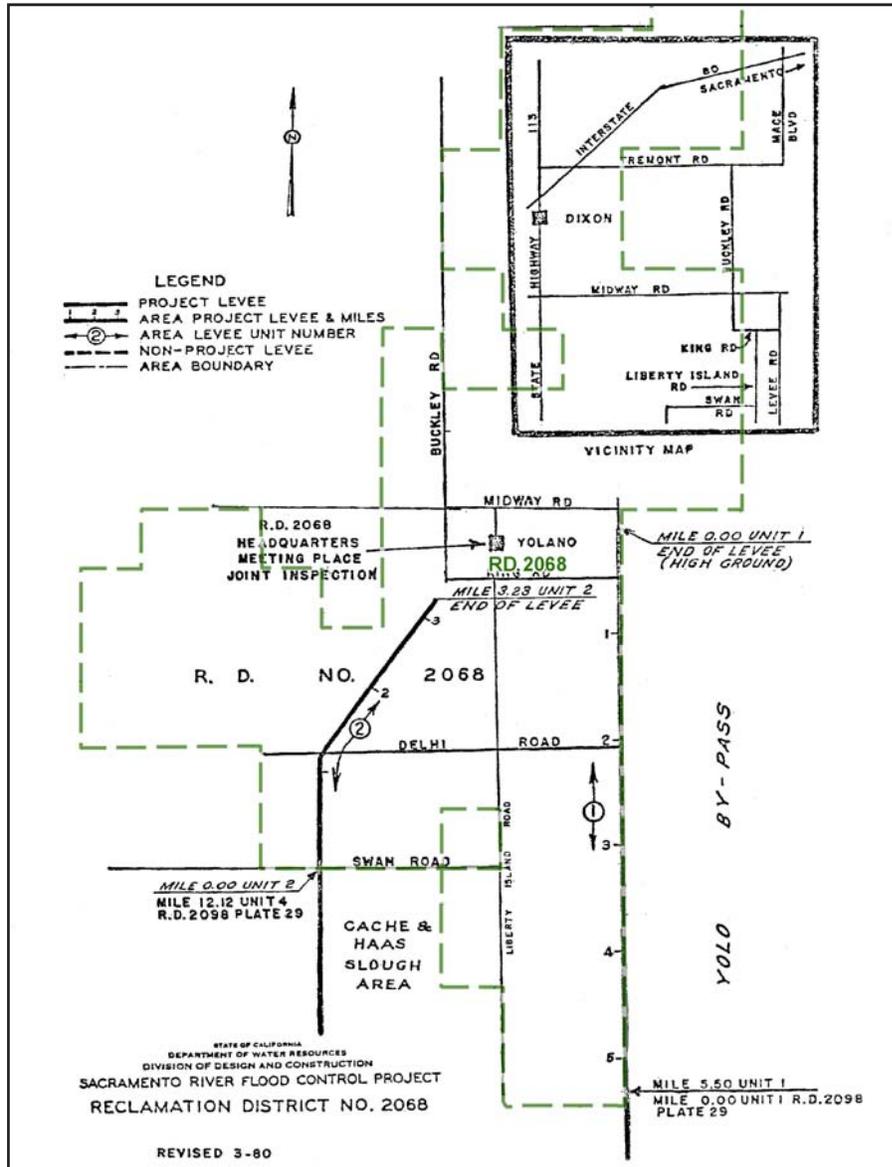
Cliff Detar • President

District Office • 7178 Yolano Road

Dixon CA 95620-9621 • Phone: (707) 678-5412

**SACRAMENTO SYSTEM: RECLAMATION DISTRICT NO. 2068 (YOLANO)**

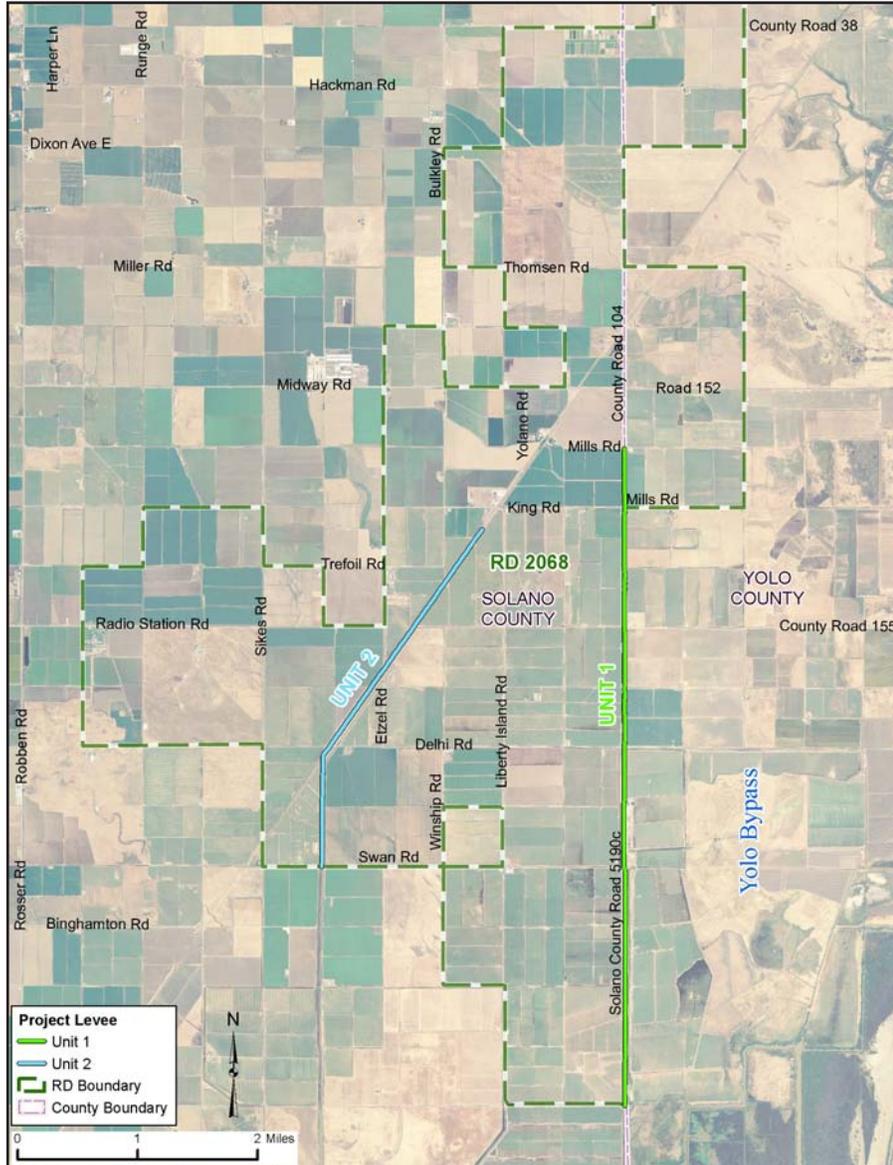
**RD 2068**



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD2068	Reclamation District No. 2068 (Yolano)		
	Unit No. 01 Yolo Bypass	RB	5.50
	Unit No. 02 Back Levee	LB	3.23

Reclamation District No. 2068 (Yolano)



RD 2068

**USACE Operation and Maintenance Manual Information:**

**Title**

West Levee of Yolo Bypass and East Levee of Cache Slough.

**Unit No.**

Sacramento River 109

**Protection Provided**

Provide direct protection to about 13,000 acres of highly developed agricultural lands together with related homes, roads, and buildings.

## **Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported a dip in levee profile at Levee Unit 2, north of LM 1.0.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency stated that no impairments or compromising conditions are known at time of reporting.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished for all levee units and the locations of these activities. Activities include administration, management, gate maintenance, inspections, roadway grading, repair, vegetation burning and spraying.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities for all levee units. Expenses include costs of administration, management, gate maintenance, inspections, roadway grading, repair, vegetation burning and spraying. The reported total estimated cost for the fiscal year is \$42,500.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

The Agency stated that there is no new information available to the Agency to report on levee condition or performance.

**RD 2068**

# Reclamation District No. 2098 (Cache and Haas Slough) Solano County

RD 2098

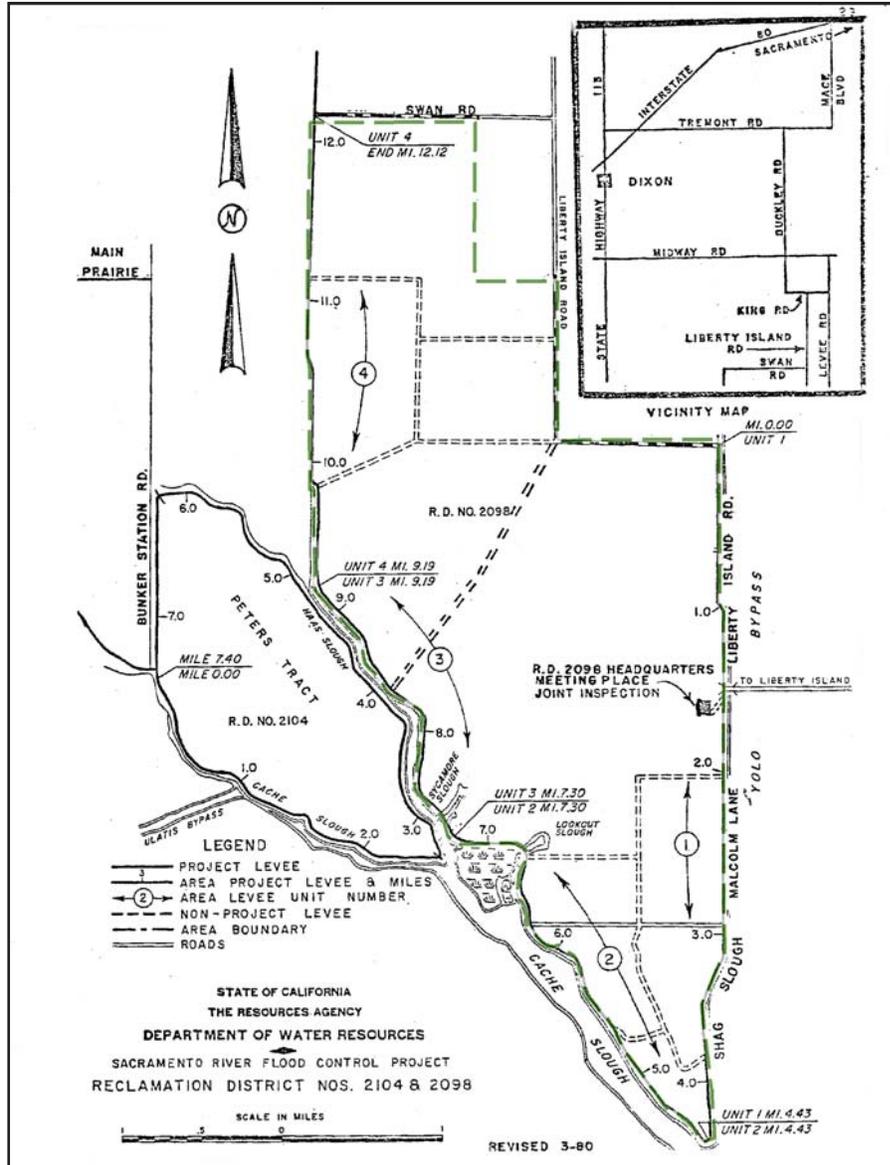
## Contact

Gregory Schmid • President

District Office • 7178 Yolano Road

Dixon CA 95620 • Phone: (707) 678-5412

Reclamation District No. 2098 (Cache and Haas Slough)

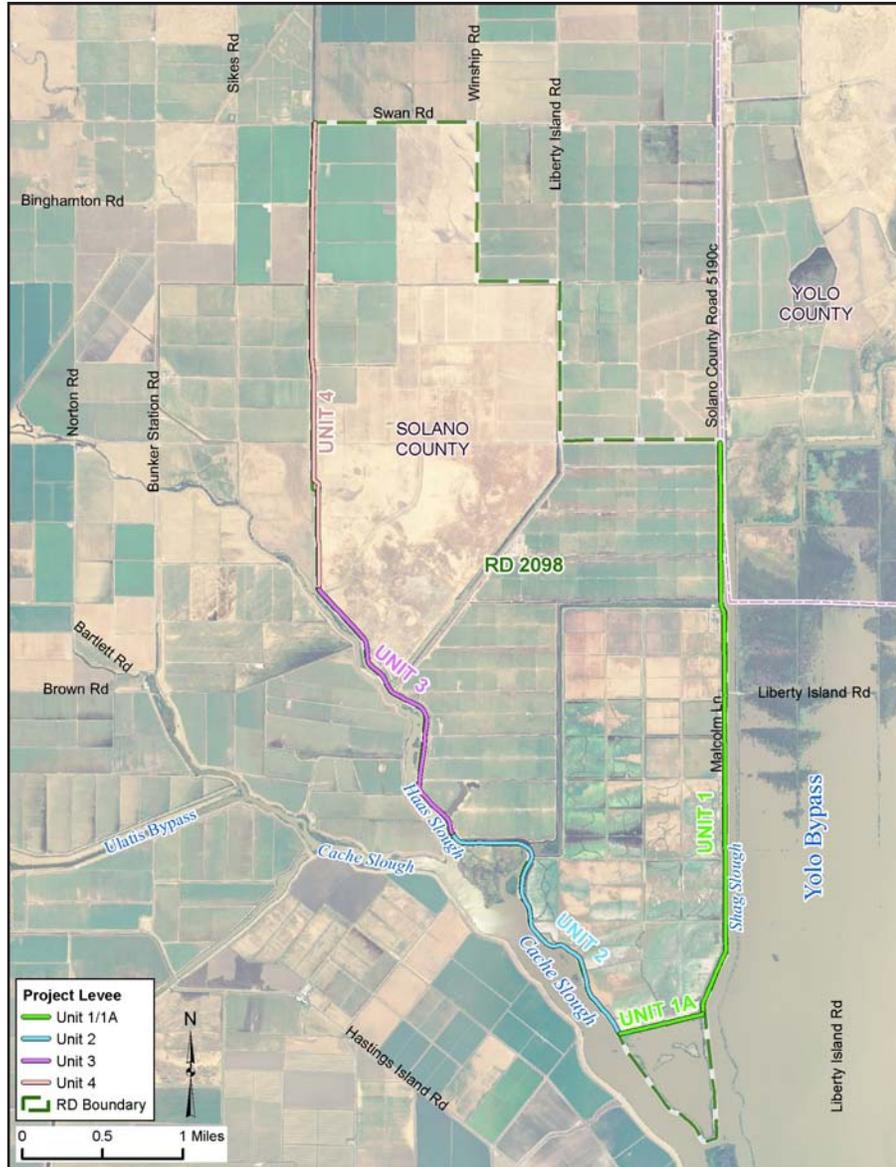


RD 2098

**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD2098	Reclamation District No. 2098 (Cache and Haas Slough)		
	Unit No. 01 Yolo Bypass	RB	3.58
	Unit No. 01A Cross Levee	RB	0.55
	Unit No. 02 Cache Slough	LB	2.01
	Unit No. 03 Haas Slough	RB	1.89
	Unit No. 04 Back Levee	LB	2.93

Reclamation District No. 2098 (Cache and Haas Slough)



**RD 2098**

**Reclamation District No. 2098 (Cache and Haas Slough)**

**USACE Operation and Maintenance Manual Information:**

**Title**

West Levee of Yolo Bypass and East Levee of Cache Slough.

**Unit No.**

Sacramento River 109

**Protection Provided**

Provide direct protection to about 13,000 acres of highly developed agricultural lands together with related homes, roads, and buildings.

## **Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency stated that four or five screw gates are in need of investigation which will occur in 2012.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency stated that four or five screw gates are in need of investigation which will occur in 2012.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished for all levee units and the locations of these activities. Activities include inspections, roadway maintenance and vegetation grazing.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities for all levee units. Expenses include costs of inspections, roadway maintenance and vegetation grazing. The reported total estimated cost for the fiscal year is \$44,000.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

The Agency stated that there is no new information available to the Agency to report on levee condition or performance.

**RD 2098**

# Reclamation District No. 2103 (Wheatland Vicinity)

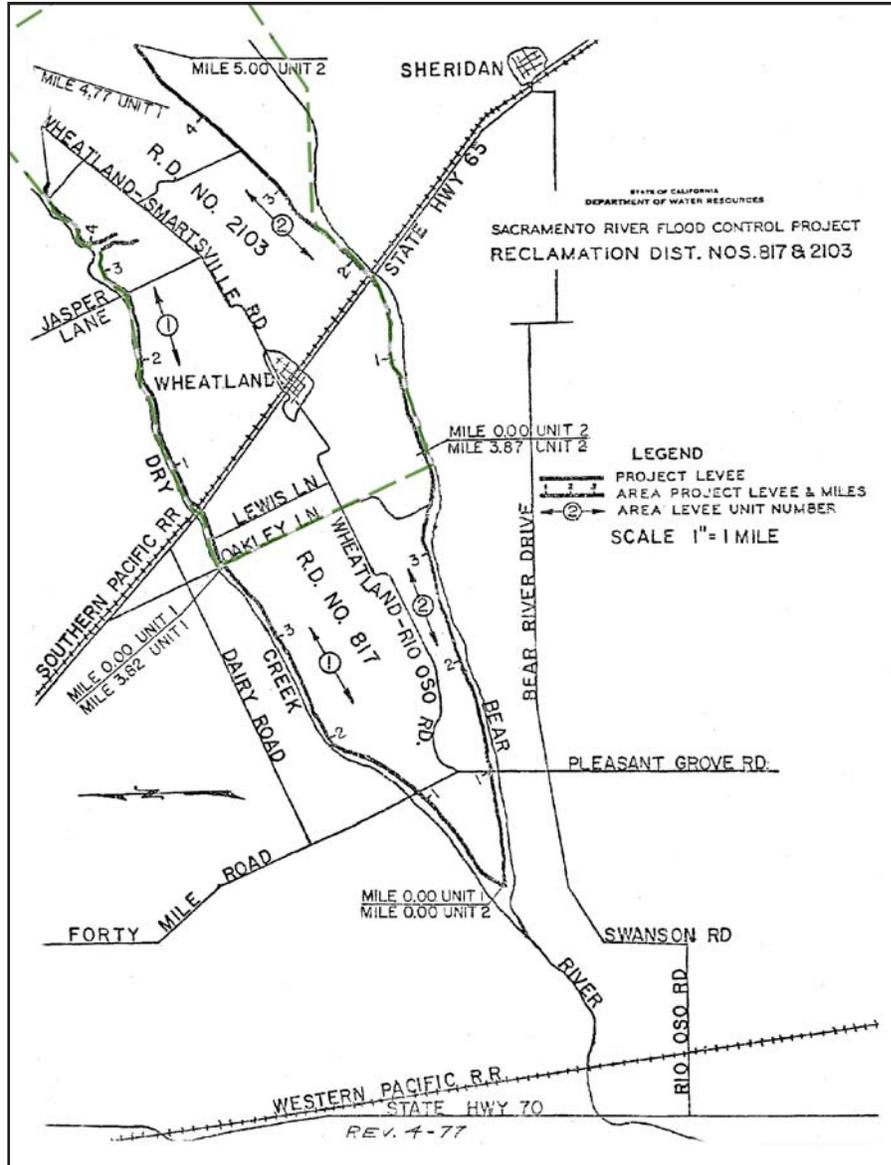
**Yuba County**  
**Placer County**

## Contact

Dean Webb • President

1758 Oakley Lane • Wheatland CA 95692

Phone: (530) 633-4072



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD2103	Reclamation District No. 2103 (Wheatland Vicinity)		
	Unit No. 02 Bear River	RB	5.00
	Unit No. 01 South Dry Creek	LB	4.77



**USACE Operation and Maintenance Manual Information:**

**Title**

North Levee of Bear River & South Levee of South Dry Creek Reclamation District 817 & vicinity of Wheatland.

**Unit No.**

Sacramento River 146

**Protection Provided**

No information available at time of printing.

**USACE Operation and Maintenance Manual Information:**

***Title***

Supplement To Standard Operation and Maintenance Manual, Sacramento River Flood Control Project No. 146 North Levee of Bear River and South Levee of South Dry Creek Reclamation District 817 and vicinity of Wheatland.

***Unit No.***

Sacramento River 146

***Protection Provided***

Levees provide direct protection to adjacent agricultural lands together with related homes, buildings, and roads.

## Summary of Information Reported in 2010

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency identified beaver dams in Levee Unit 1. The Agency also reported excess channel vegetation and sediment accumulation for entire reach of Levee Unit 1. The Agency noted roads and ramps needing additional rock in Levee Unit 1 from Highway 65 to Jasper Lane.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 2.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

No information provided by the Agency for Part 3.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

No information provided by the Agency for Part 4.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.



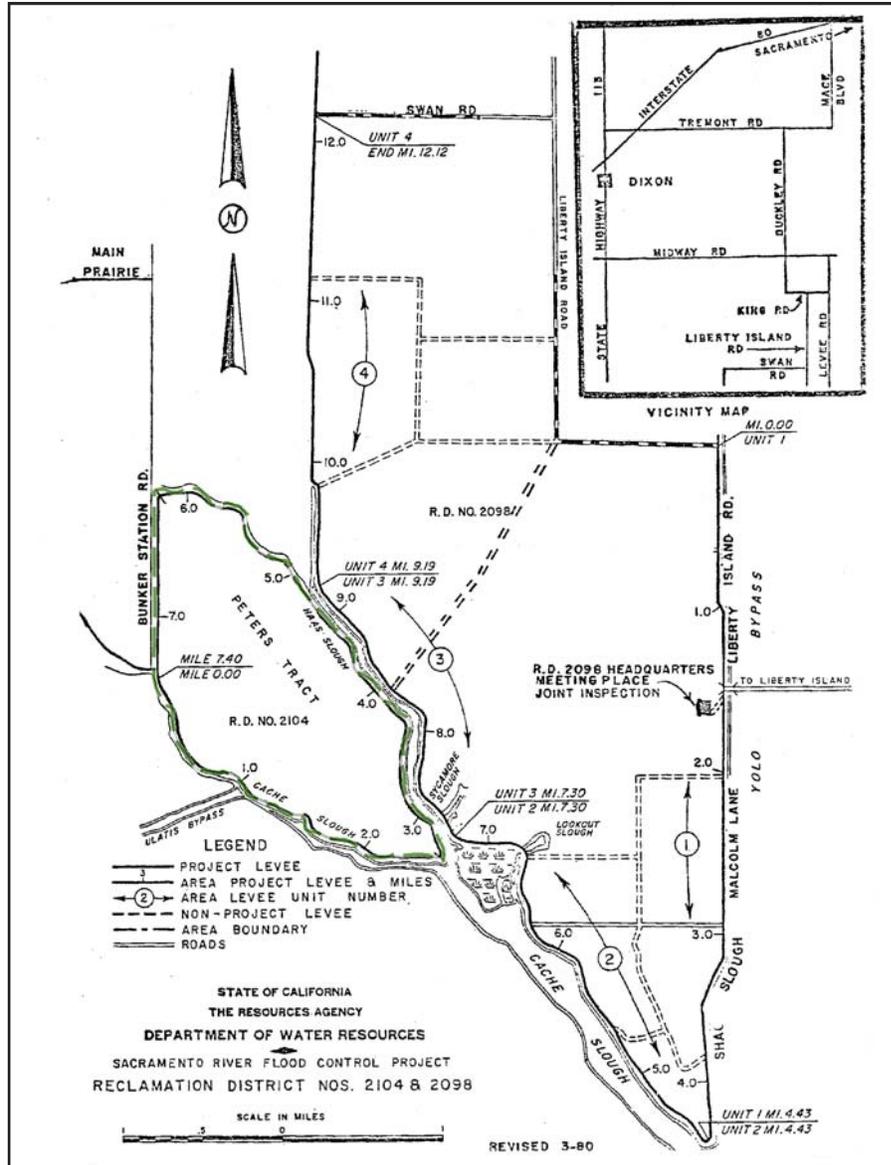
# Reclamation District No. 2104 (Peters Pocket Tract) Solano County

## Contact

Ken Machado • President

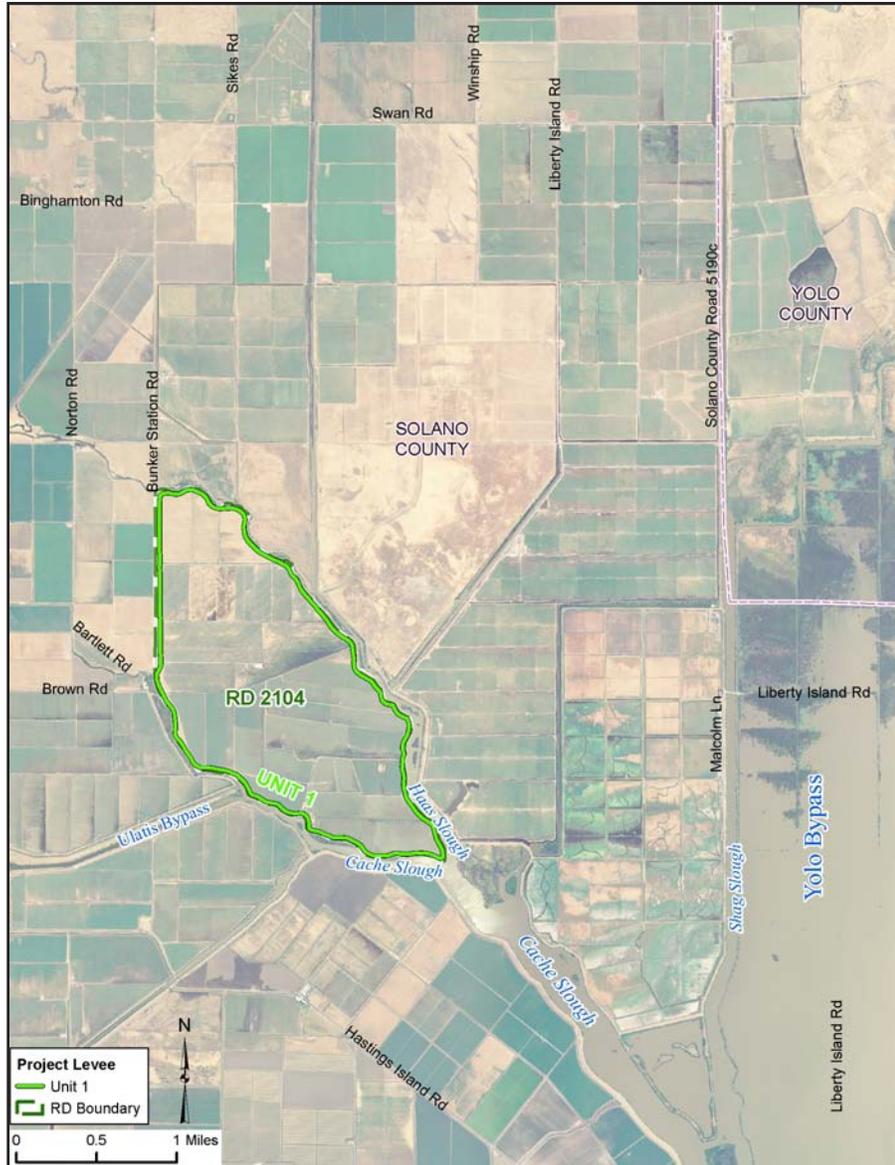
33 North San Pedro Street • San Jose CA 95110

Phone: (408) 280-7577



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD2104	Reclamation District No. 2104 (Peters Pocket Tract) Unit No. 01 Cache Slough	LB	7.40



**USACE Operation and Maintenance Manual Information:**

**Title**

Levees around Peters Tract.

**Unit No.**

Sacramento River 108

**Protection Provided**

Provide direct protection to adjacent agricultural lands within the Peters Tract together with related homes, buildings and roads.

**Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 1.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 2.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

No information provided by the Agency for Part 3.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

No information provided by the Agency for Part 4.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

# American River Flood Control District

**Sacramento County**

## **Contact**

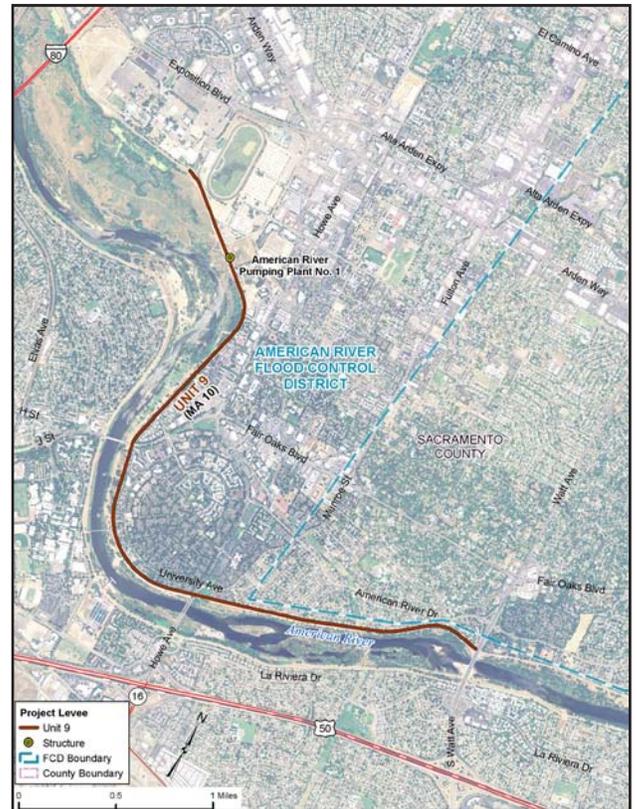
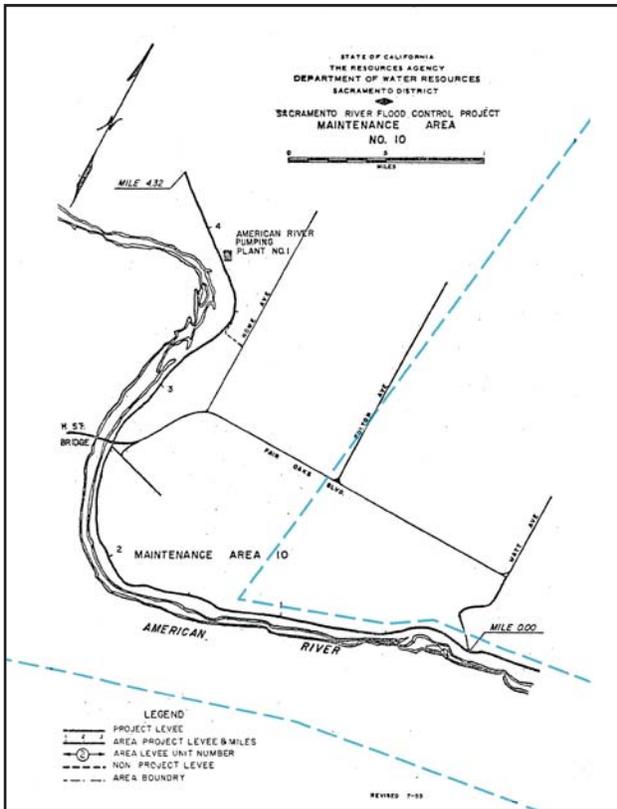
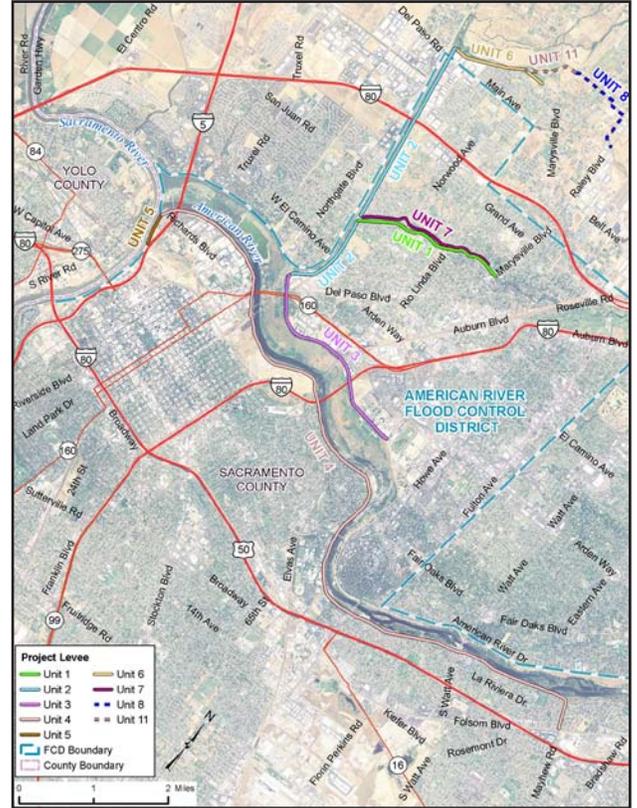
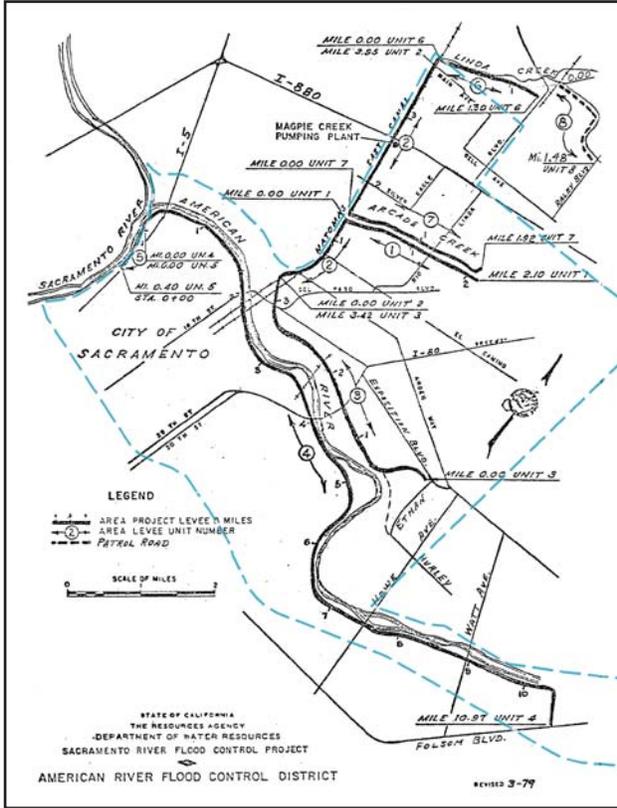
Karolyn Simon • President

165 Commerce Circle #D • Sacramento CA 95812

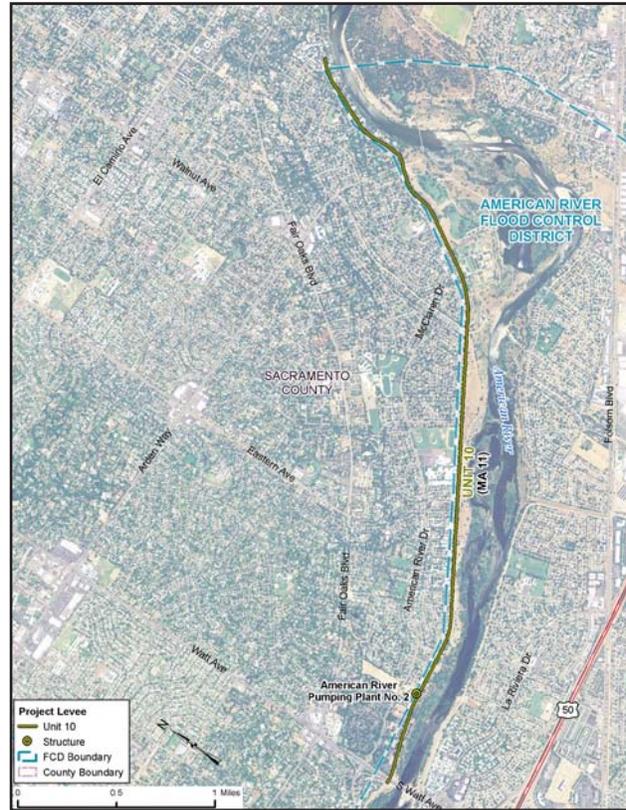
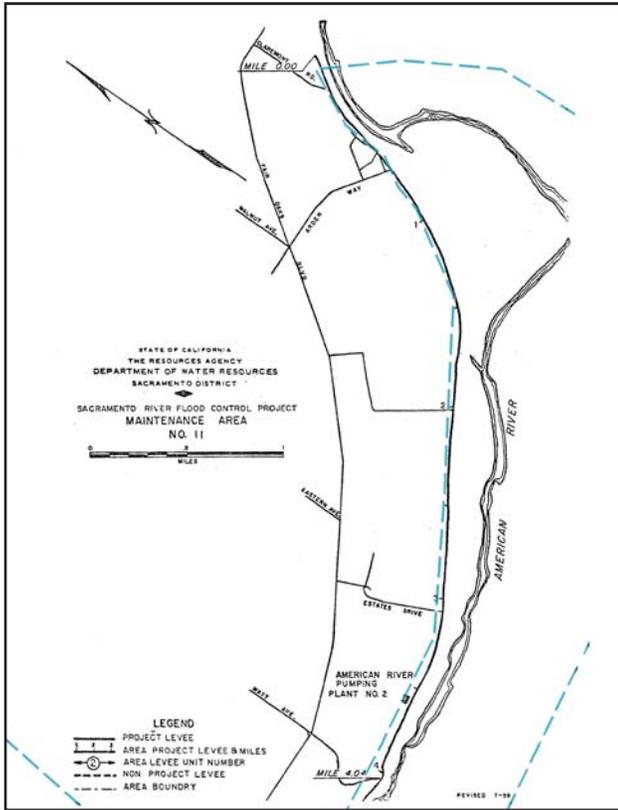
Phone: (916) 929-4066

# SACRAMENTO SYSTEM: AMERICAN RIVER FLOOD CONTROL DISTRICT

ARFCD



American River Flood Control District



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
NA0001	American River Flood Control District		
	Unit No. 01 Arcade Creek	LB	2.10
	Unit No. 02 Natomas E Canal	LB	3.95
	Unit No. 03A American River	RB	1.90
	Unit No. 03B American River	RB	1.60
	Unit No. 04 American River	LB	10.97
	Unit No. 05 Sacramento River	LB	0.40
	Unit No. 06 Linda Creek	LB	1.30
	Unit No. 07 Arcade Creek	RB	1.92
	Unit No. 08 Magpie Creek Diversion	LB	1.43
	Unit No. 09 American River	RB	4.32
	Unit No. 10 American River	RB	3.34
	Unit No. 11 New Linda Creek	LB	0.73
	Unit No. 03 American River	RB	2.78

**USACE Operation and Maintenance Manual Information:**

***Title***

East Levee of Sacramento River from American River to Tower Bridge and South Levee of American River from Mayhews Downstream to Sacramento River.

***Unit No.***

Sacramento River 118.1

***Protection Provided***

Levees of the Sacramento River and American as described in this unit provide direct protection to the City of Sacramento and adjacent agricultural lands against flood water of the Sacramento and American Rivers.

***Title***

North Levee of American River East Levee of Natomas Canal Both Levees of Arcade Creek and Magpie Creek Diversion Channel.

***Unit No.***

Sacramento River 118.2

***Protection Provided***

Levees of this unit provide direct protection to North Sacramento and suburban area and adjacent agricultural lands against flood waters of the American River, Natomas Canal, Arcade Creek, Linda Creek and Magpie Creek.

**Summary of Information Reported in 2010****Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported access gates needing new paint.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 2.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities. Activities include encroachment control, erosion repair and inspections.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses for all levee units. The reported total estimated cost for the fiscal year is \$1,797,986.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

The Agency reported that the levee needs repair in Levee Unit 1.



# Brannan Andrus Levee Maintenance District

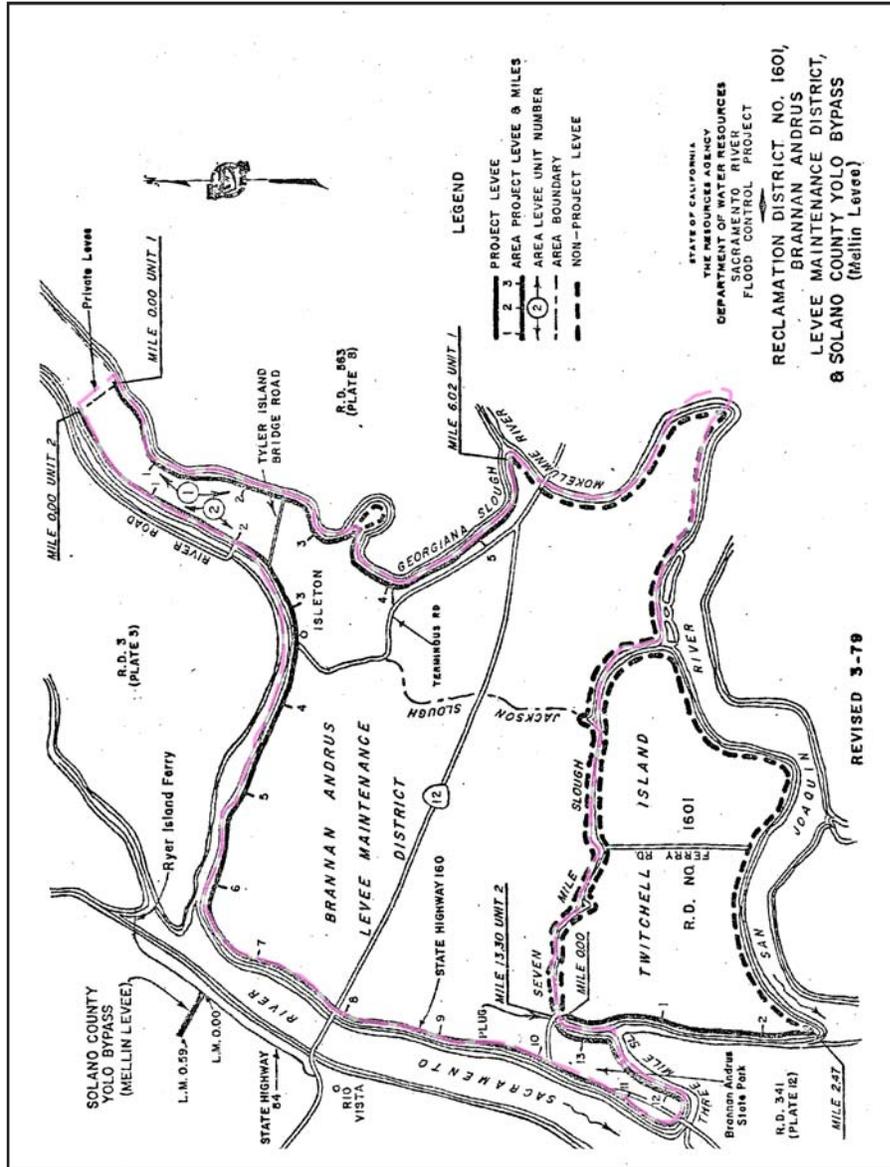
**Solano County**

## **Contact**

Larry L. Gardiner • President

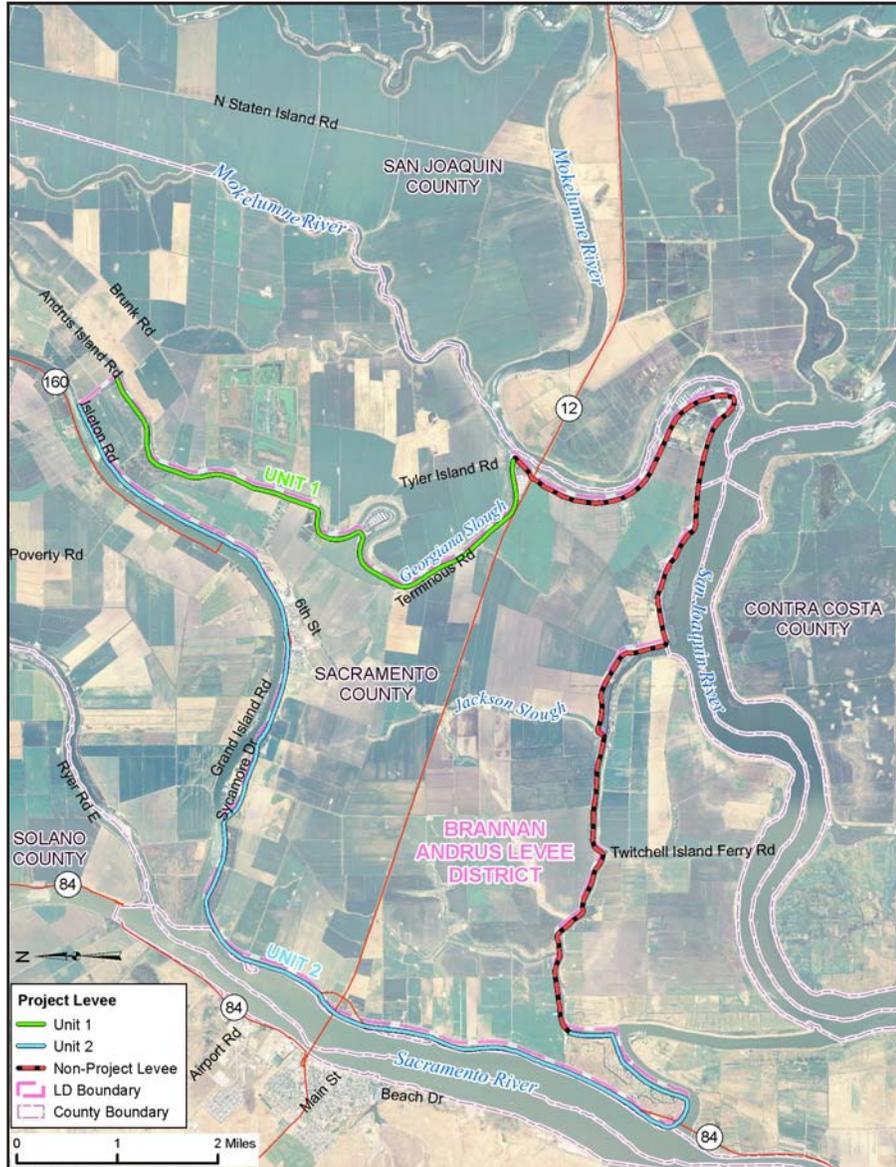
District Office • P.O. Box 338

Walnut Grove CA 95690 • Phone: (916) 425-1571



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
NA0002	Brannan Andrus Levee Maintenance District		
	Unit No. 01 Georgiana Slough	RB	6.02
	Unit No. 02 Sacramento River	LB	13.30



**USACE Operation and Maintenance Manual Information:**

**Title**

East Levee of the Sacramento River, Isleton Bridge to Walnut Grove, CA.

**Unit No.**

Sacramento River 11

**Protection Provided**

Provides direct protection against high water of the Sacramento River and its tributaries in this area.

## Summary of Information Reported in 2010

### **Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 1.

### **Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported subsidence of Non-Project Levee Unit 5 at Station 255+00 and seepage at Non-Project Levee Unit 6 at Station 482+76.

### **Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished for all levee units. Activities include ditch maintenance, encroachment control, engineering and geotechnical services, erosion repair, flood emergency planning, gate maintenance, inspection, patrolling, regulatory compliance, roadway maintenance, rodent control, rodent burrow filling, compacting, seepage repair, slope protection repair, subsidence repair, supervision of maintenance rehabilitation, vegetation burning, cutting, grazing, mowing, removal, spraying and thinning.

### **Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities for all levee units. Expenses include costs of ditch maintenance, engineering and geotechnical services, flood emergency planning, gate maintenance, inspection, patrolling, regulatory compliance, rodent control, rodent burrow filling, compacting, slope protection repair, supervision of maintenance rehabilitation, underwater survey, vegetation burning, cutting, grazing, mowing, removal, spraying and thinning. The reported total estimated cost for the fiscal year is \$2,006,800.

### **Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

# Butte County Public Works

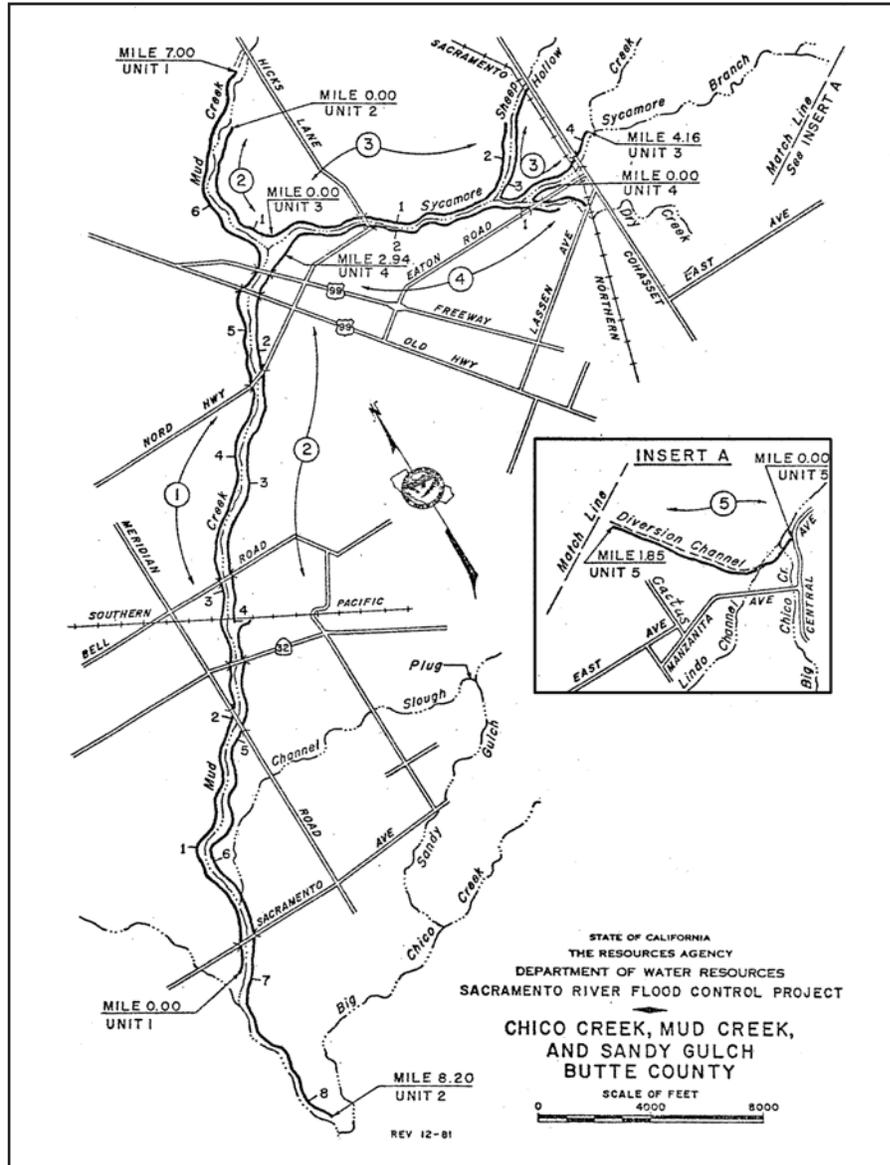
**Butte County**

## **Contact**

Mike Crump • Director

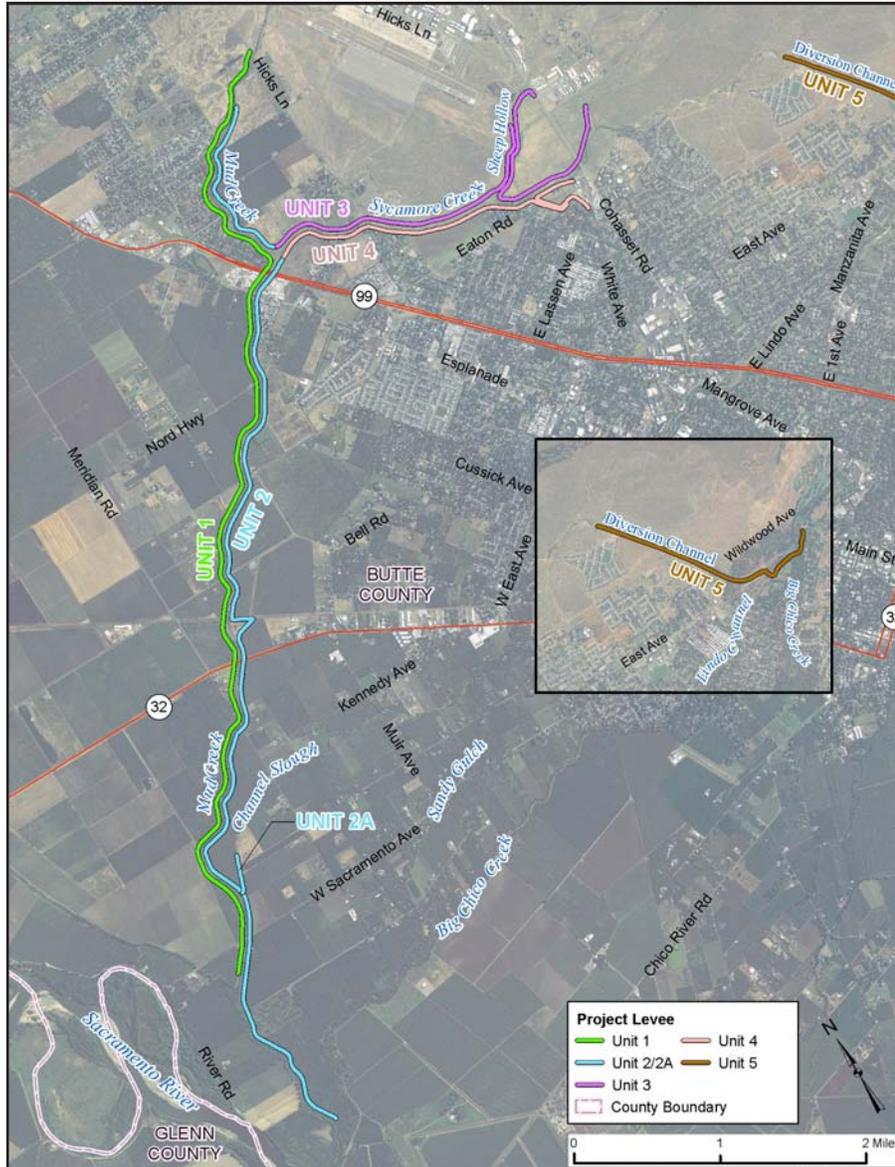
Agency Office • 7 County Center Drive

Oroville CA 95965-3397 • Phone: (530) 538-7681



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
NA0003	<b>Butte County Public Works</b>		
	Unit No. 01 Mud Creek	RB	7.29
	Unit No. 02 Mud Creek	LB	8.20
	Unit No. 02A Channel Slough	LB	0.30
	Unit No. 03 Sycamore and Sheep Hollow Creeks	RB	4.13
	Unit No. 04 Sycamore and Dry Creeks	RB	2.94
	Unit No. 05 Big Chico Diversion	LB	1.85



**USACE Operation and Maintenance Manual Information:**

**Title**

Sacramento River and Major and Minor Tributaries Project, Ca. Operation and Maintenance Manual for Chico and Mud Creeks and Sandy Gulch.

**Unit No.**

Sacramento River 504

**Protection Provided**

The project provides flood protection from flood flows in Big Chico Creek, Sandy Gulch, Sycamore Creek and Mud Creek to the City of Chico and suburban area with related residential and commercial buildings and manufacturing plants; to about 14,000 acres of well-developed urban and rural lands; to scattered farm buildings; to the Southern Pacific Railroad and the Sacramento Northern Railway; to U. S. Highway 99E and State Highway 32; and to additional city and county streets and roads.

## Summary of Information Reported in 2010

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported sediment accumulation in the entire Sycamore/Mud Creek/Sandy Gulch system.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported sediment accumulation in the entire Sycamore/Mud Creek/Sandy Gulch system.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency reported normal levee and structure maintenance operations in conformance with the O&M manual for Chico Creek/Mud Creek/Sandy Gulch and the standard O&M manuals.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency reported normal levee and structure maintenance operations in conformance with the O&M manual for Chico Creek/Mud Creek/Sandy Gulch and the standard O&M manuals. The reported total estimated cost for the fiscal year is \$150,000.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

The Agency reported Design Memorandum Number 5, construction plans and O&M manual for the entire Sycamore/Mud Creek/Sandy Gulch system are on file with Butte County Public Works.

# Marysville Levee Commission

**Yuba County**

## **Contact**

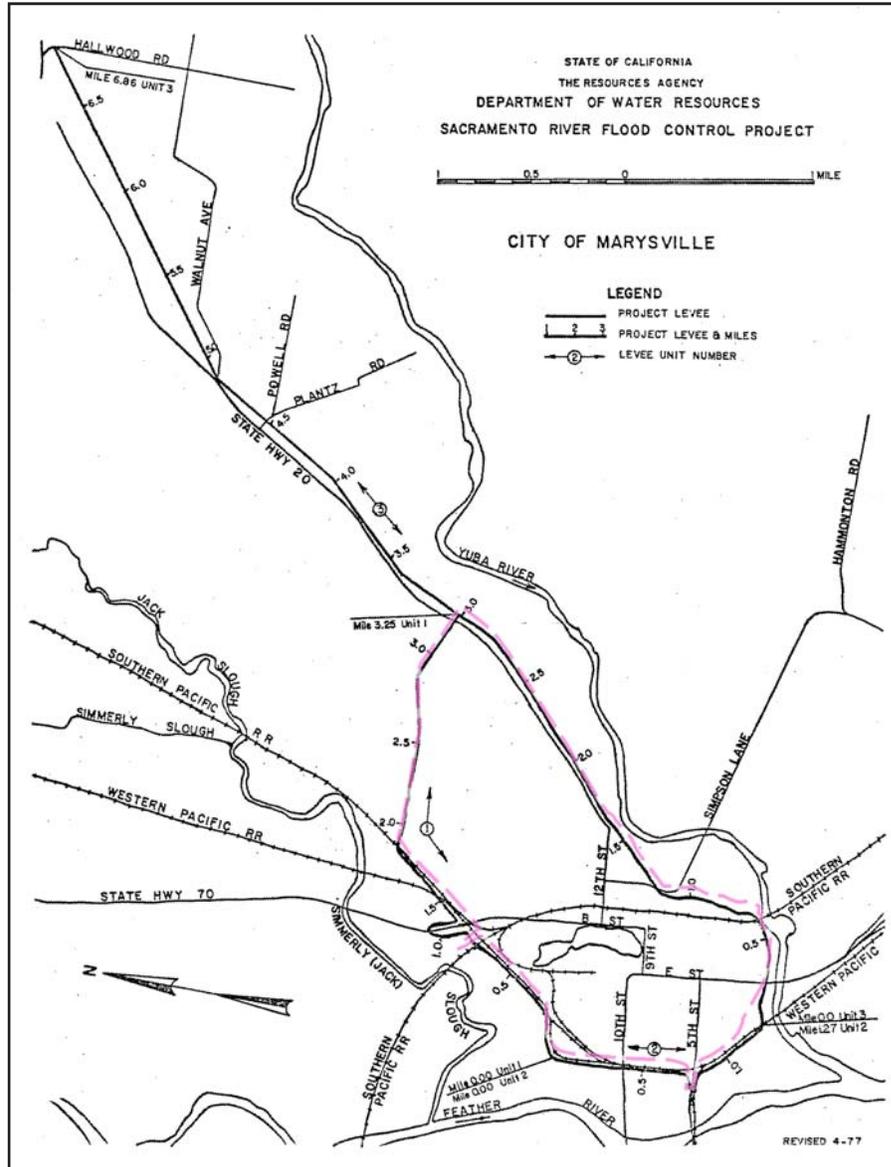
Pat Ajuira • President

P.O. Box 150 • Marysville CA 95901

Phone: (530) 742-3734

# SACRAMENTO SYSTEM: MARYSVILLE LEVEE COMMISSION

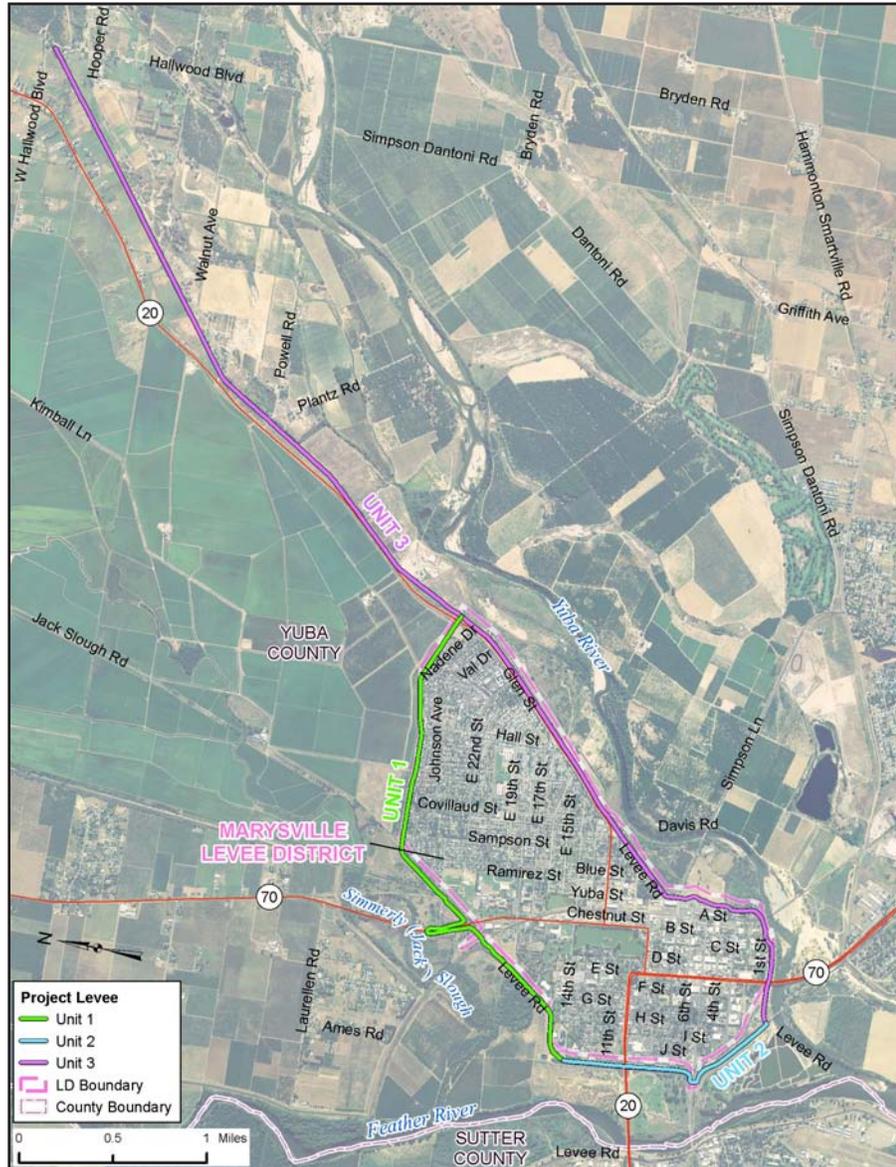
Marysville



## Levee Information:

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
NA0004	Marysville Levee Commission		
	Unit No. 01 Simmerly Slough	LB	3.25
	Unit No. 02 Feather River	LB	1.27
	Unit No. 03 Yuba River	RB	6.86

Marysville Levee Commission



**USACE Operation and Maintenance Manual Information:**

**Title**

Supplement To Standard Operation and Maintenance Manual, Sacramento River Flood Control Project No. 147. Levee around the City of Marysville and North Levee of Yuba River to a Point 1.8 Miles Upstream From Marysville.

**Unit No.**

Sacramento River 147

**Protection Provided**

Levees provide direct protection to adjacent homes, buildings, and roads. The project design flood within the limits of this unit is 210,000 cfs in the Feather River and 120,000 cfs in the Yuba River.

## Summary of Information Reported in 2010

### Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)

The Agency reported no known levee issues at time of reporting. The Agency noted that issues may be identified by the State upon completion of the Urban Levee Evaluation. The Agency also stated that the Yuba Sutter Basin Study identified areas needing reinforcement to achieve the 300-year flood protection level.

### Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)

The Agency reported no known levee issues at time of reporting. The Agency noted that issues may be identified by the State upon completion of the Urban Levee Evaluation. The Agency also stated that the Yuba Sutter Basin Study identified areas needing reinforcement to achieve the 300-year flood protection level.

### Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year

The Agency provided a summary of maintenance activities accomplished for all levee units. Activities include gate maintenance, minor structure repair, patrolling, rodent control, vegetation burning, disking, dragging, mowing, removal and spraying.

### Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency

The Agency provided a summary of expenses and maintenance activities for all levee units. Expenses include costs of gate maintenance, roadway maintenance, rodent control, vegetation burning, dragging and mowing. The reported total estimated cost for the fiscal year is \$343,585.

### Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR

The Agency reported no known levee issues at time of reporting. The Agency noted that issues may be identified by the State upon completion of the Urban Levee Evaluation. The Agency also stated that the Yuba Sutter Basin Study identified areas needing reinforcement to achieve the 300-year flood protection level.

# City of Sacramento

## Sacramento County

### Contact

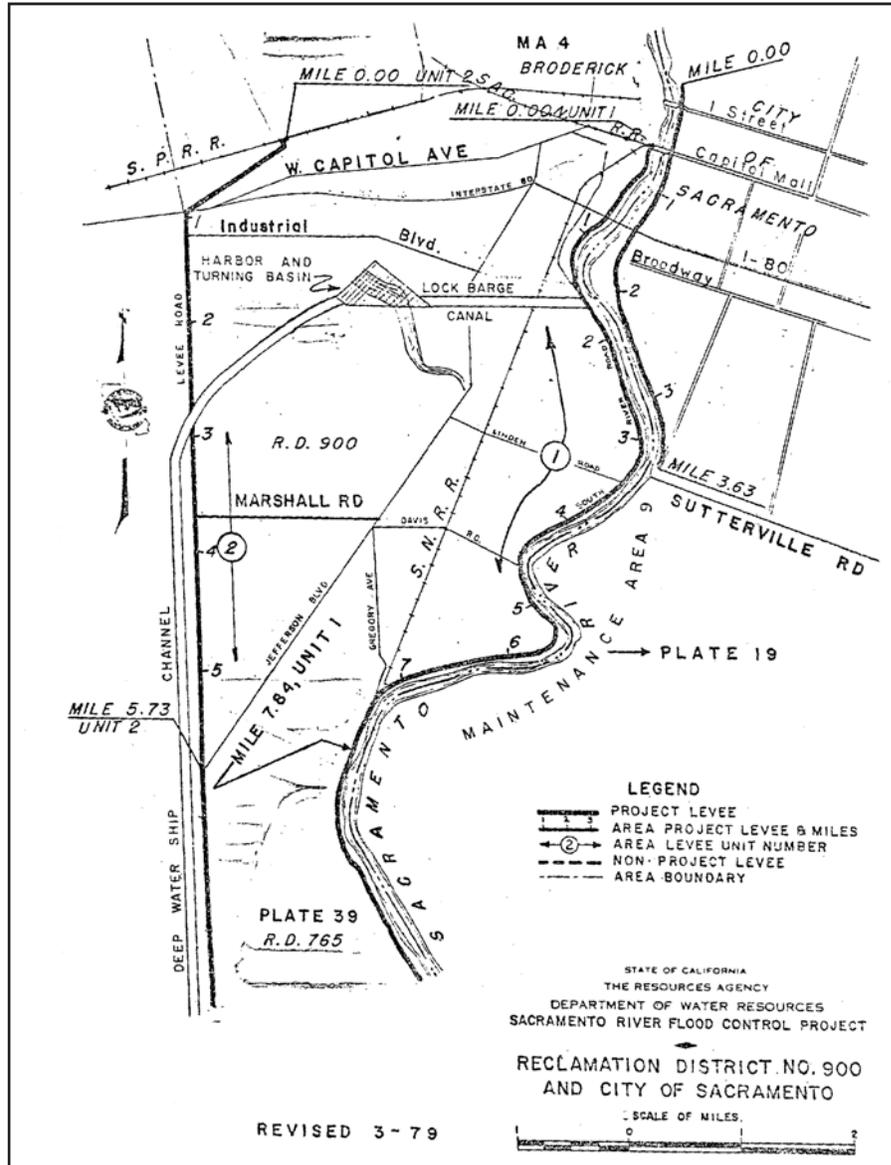
Marty Hanneman • Director

Department of Utilities • 1395 35th Avenue

Sacramento CA 95822-2911 • Phone: (916) 808-5704

**SACRAMENTO SYSTEM: CITY OF SACRAMENTO**

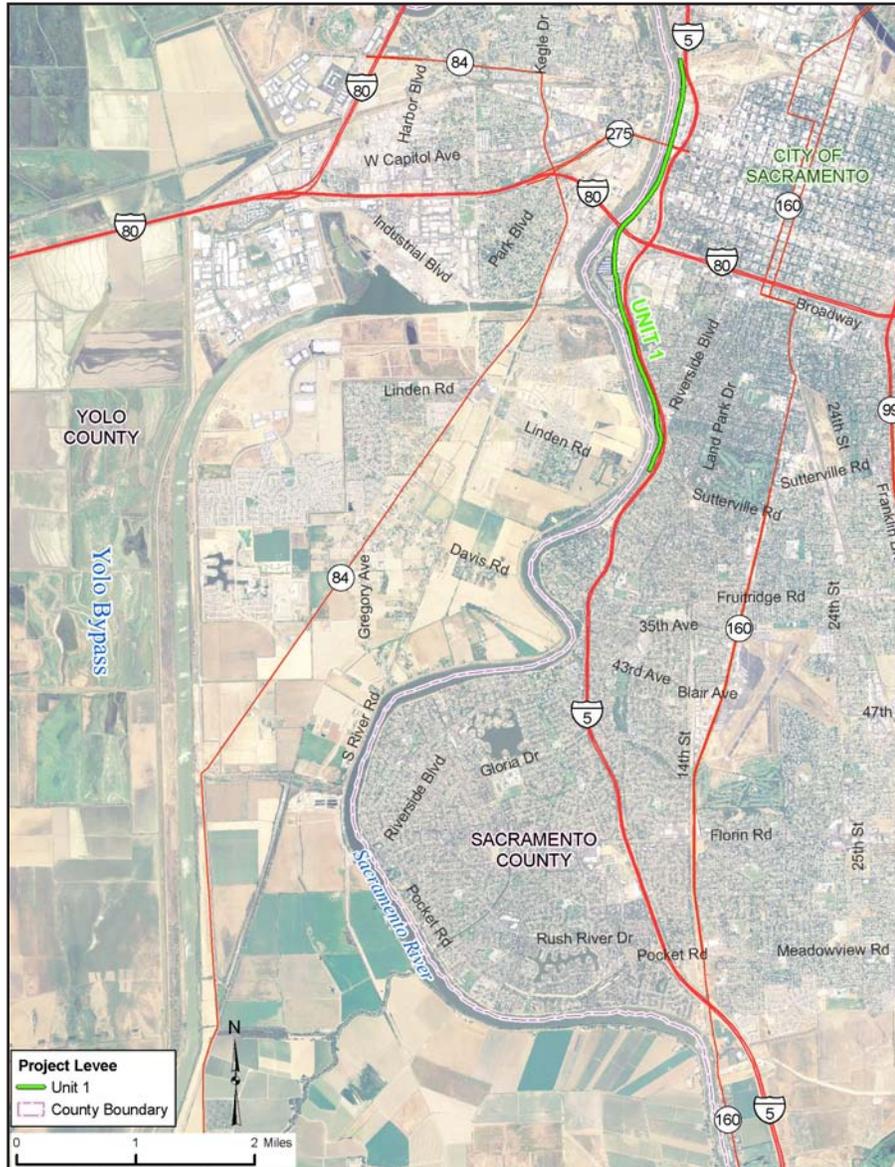
City of Sacramento



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
NA0005	City of Sacramento Unit No. 01 City of Sacramento	LB	3.63

City of Sacramento



**USACE Operation and Maintenance Manual Information:**

**Title**

East Levee Sacramento River through the City of Sacramento from Tower Bridge to Sutterville Road.

**Unit No.**

Sacramento River 117

**Protection Provided**

The levee of this unit provides direct protection to the City of Sacramento against high water in the Sacramento River.

## Summary of Information Reported in 2010

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported sites considered for Sacramento River Bank Protection Project erosion control work by USACE at river mile 56.0 and 58.3. The Agency reported relief wells installed by USACE at river mile 58.3.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency stated that no impairments or compromising conditions are known at time of reporting.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished. Activities include encroachment control, erosion repair, inspections, minor structure repair, vegetation mowing, spraying and tree removal.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities. Expenses include costs of roadway maintenance, minor structure repairs, rodent control, vegetation mowing and spraying. The reported total estimated cost for the fiscal year is \$325,000.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

The Agency reported the existence of as built drawings of Sacramento River slurry wall, revetment, relief wells, piezometers and Old Sacramento floodwalls.

# Honcut Creek Eastern Area

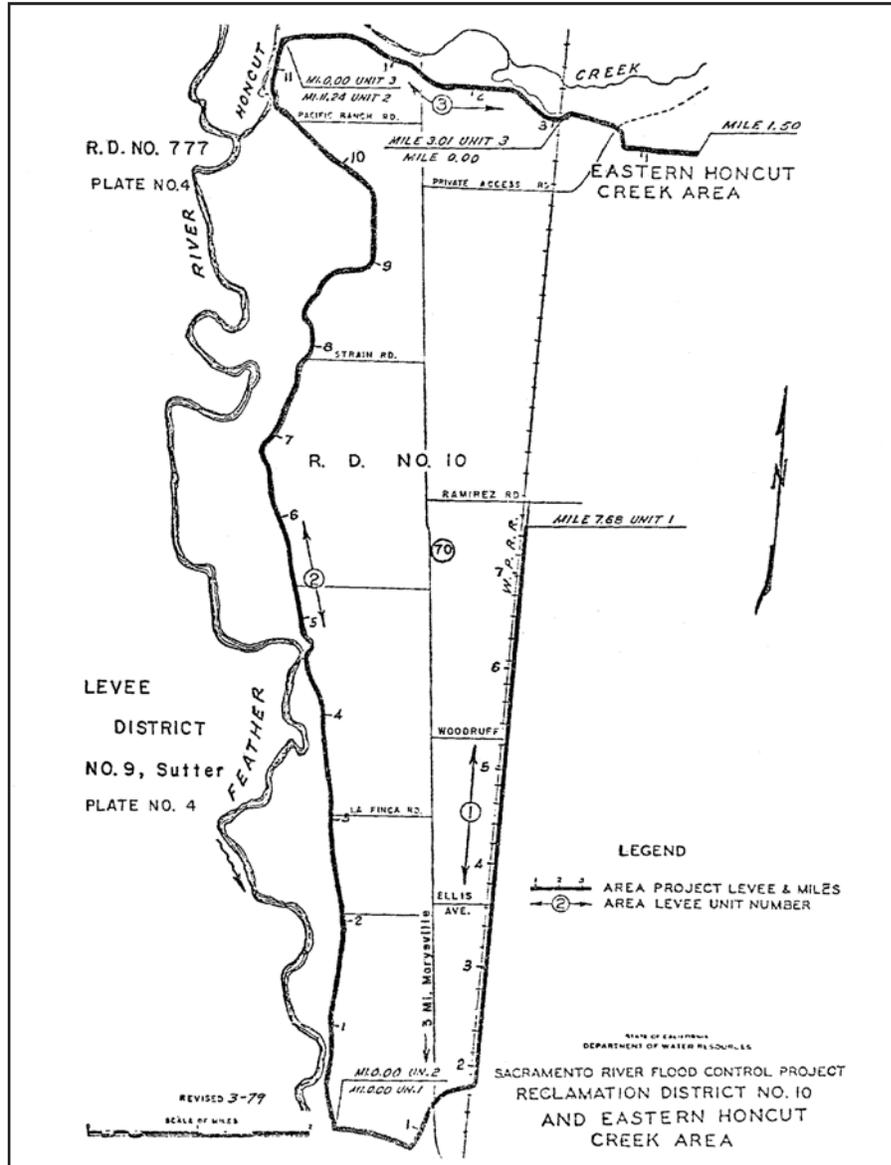
**Yuba County**

## **Contact**

No information available

**SACRAMENTO SYSTEM: HONCUT CREEK EASTERN AREA**

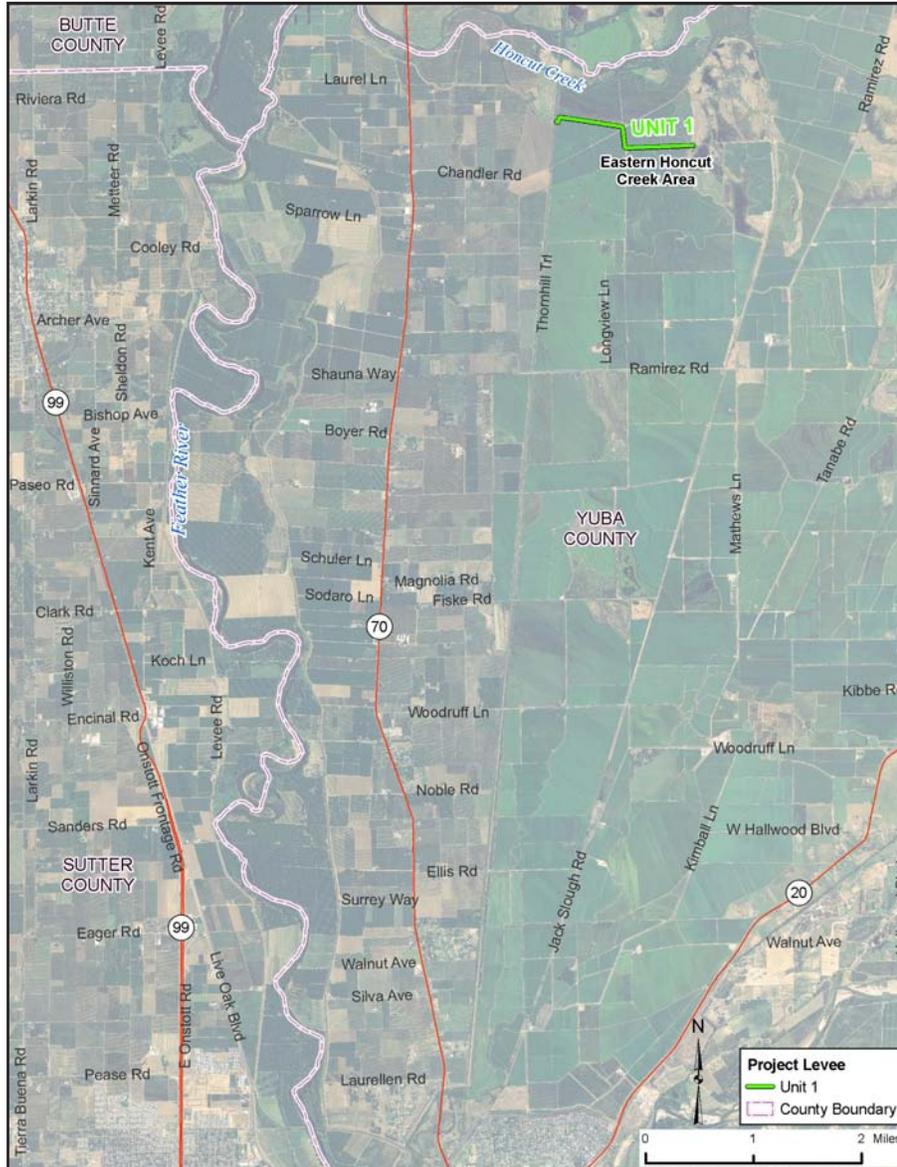
Honcut Creek



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
NA0006	Sutter Maintenance Yard (Eastern Honcut Creek) Unit No. 01 Van Tress	LB	1.50

Honcut Creek Eastern Area



Honcut Creek

**USACE Operation and Maintenance Manual Information:**

**Title**

No information available at time of printing.

**Unit No.**

No information available at time of printing.

**Protection Provided**

No information available at time of printing.

Honcut Creek Eastern Area

**Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 1.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 2.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

No information provided by the Agency for Part 3.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

No information provided by the Agency for Part 4.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

# Knights Landing Ridge Drainage District

**Yolo County**

## **Contact**

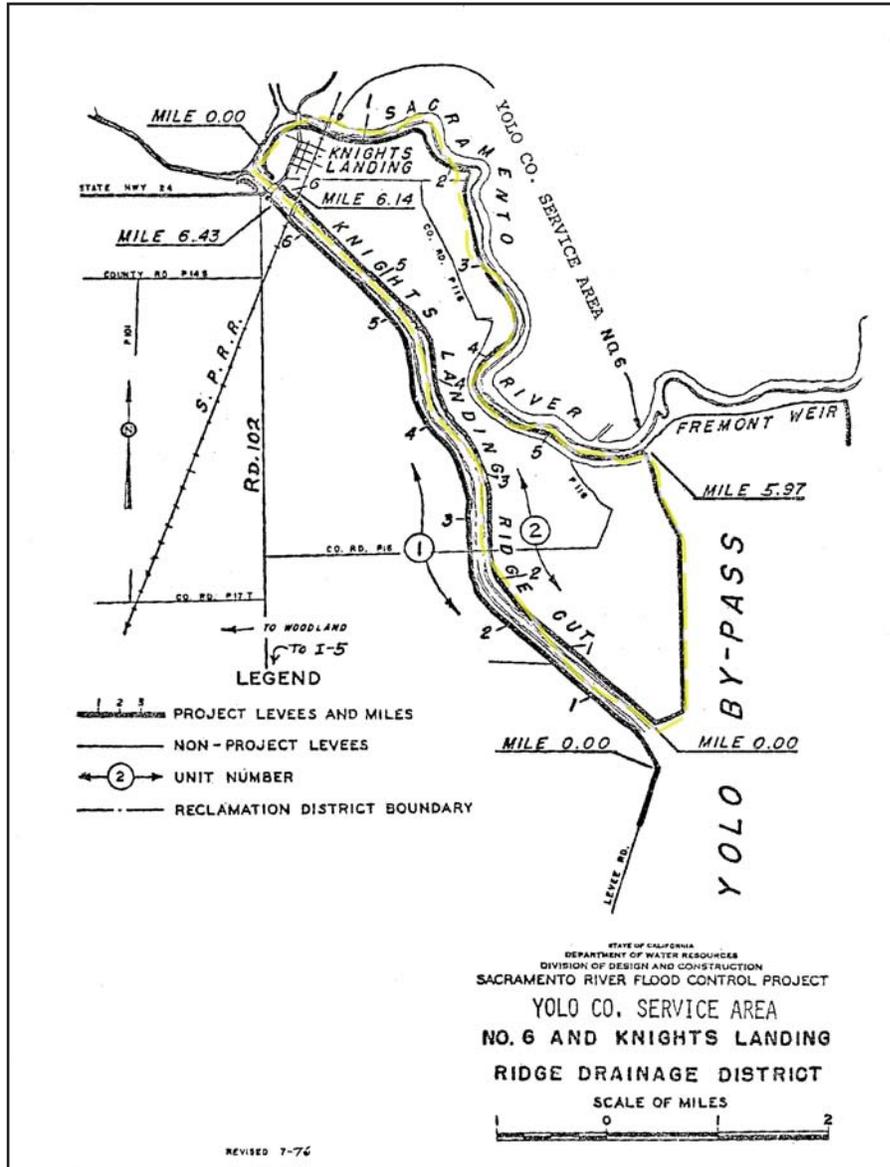
Lewis Bair • Manager

P.O. Box 50 • Grimes CA 95950

Phone: (530) 437-2221

**SACRAMENTO SYSTEM: KNIGHTS LANDING RIDGE DRAINAGE DISTRICT**

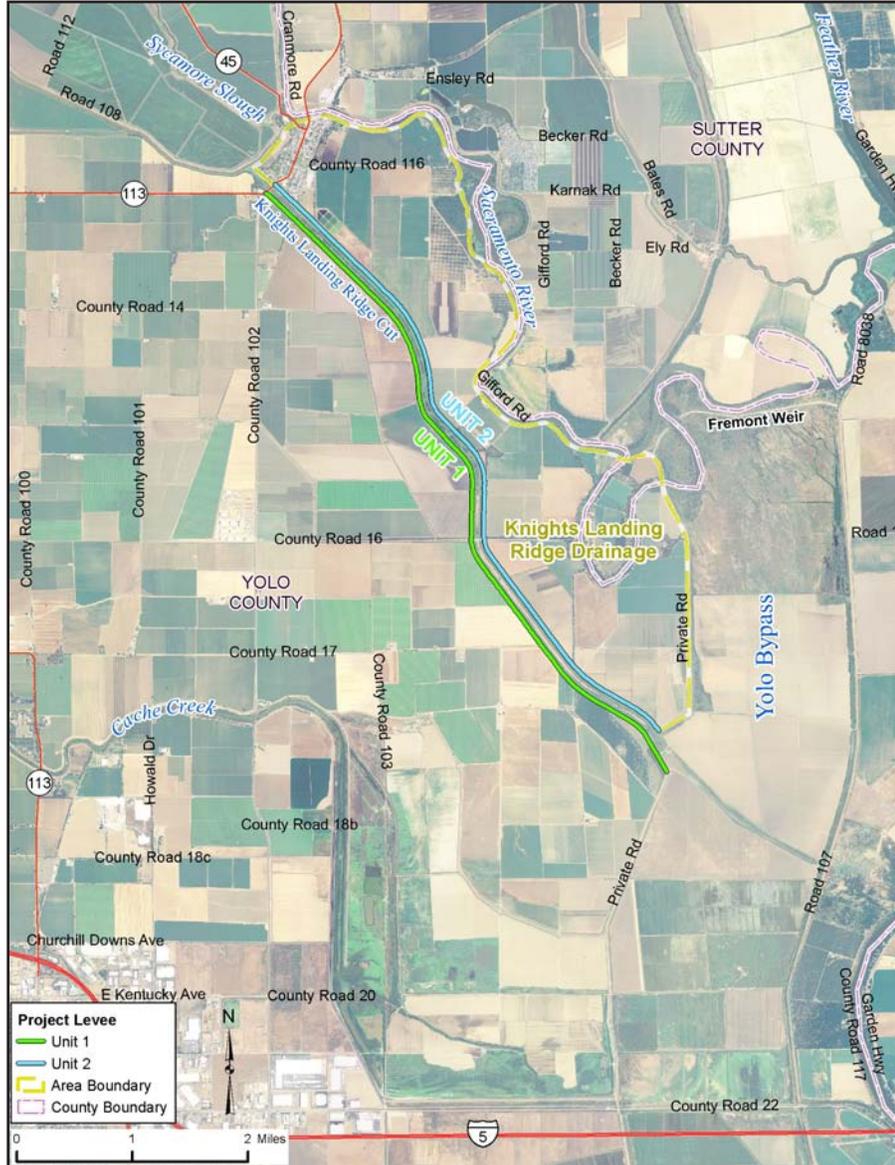
**Knights Landing**



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
NA0008	Knights Landing Ridge Drainage District		
	Unit No. 01 Knights Landing Ridge Cut	RB	6.43
	Unit No. 02 Knights Landing Ridge Cut	LB	6.14

Knights Landing Ridge Drainage District



**USACE Operation and Maintenance Manual Information:**

**Title**

Levees of Knights Landing Ridge Cut and Sacramento River and Yolo Bypass Levees of Reclamation Districts 730 and 819 and South Levee of Sycamore Slough.

**Unit No.**

Sacramento River 127

**Protection Provided**

Provide protection to adjacent agricultural lands and the town of Knights Landing against flood waters in the Sacramento River system and drainage waters of Knights Landing Ridge Cut.

**Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported that the relevant conditions do not differ from the DWR 2010 Spring and Fall Levee Inspection Reports.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported subsidence at Levee Unit 2, LM 2.5 to 6.0.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished for all levee units. Activities include roadway maintenance, rodent baiting, vegetation burning, dragging and spraying.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities for all levee units. Expenses include costs of patrolling, roadway maintenance, rodent control and vegetation control. The reported total estimated cost for the fiscal year is \$29,000.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

# Lake County Watershed Protection District

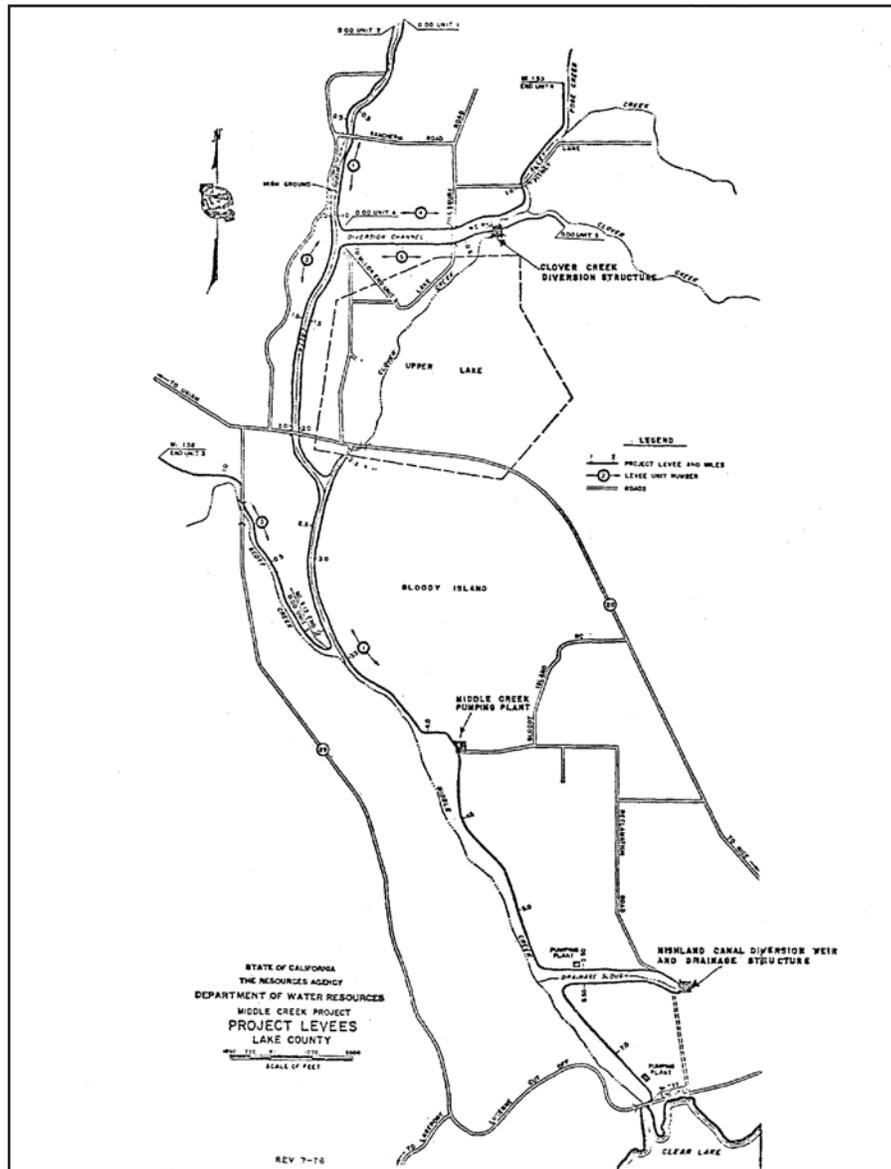
Lake County

## Contact

Scott De Leon • Director

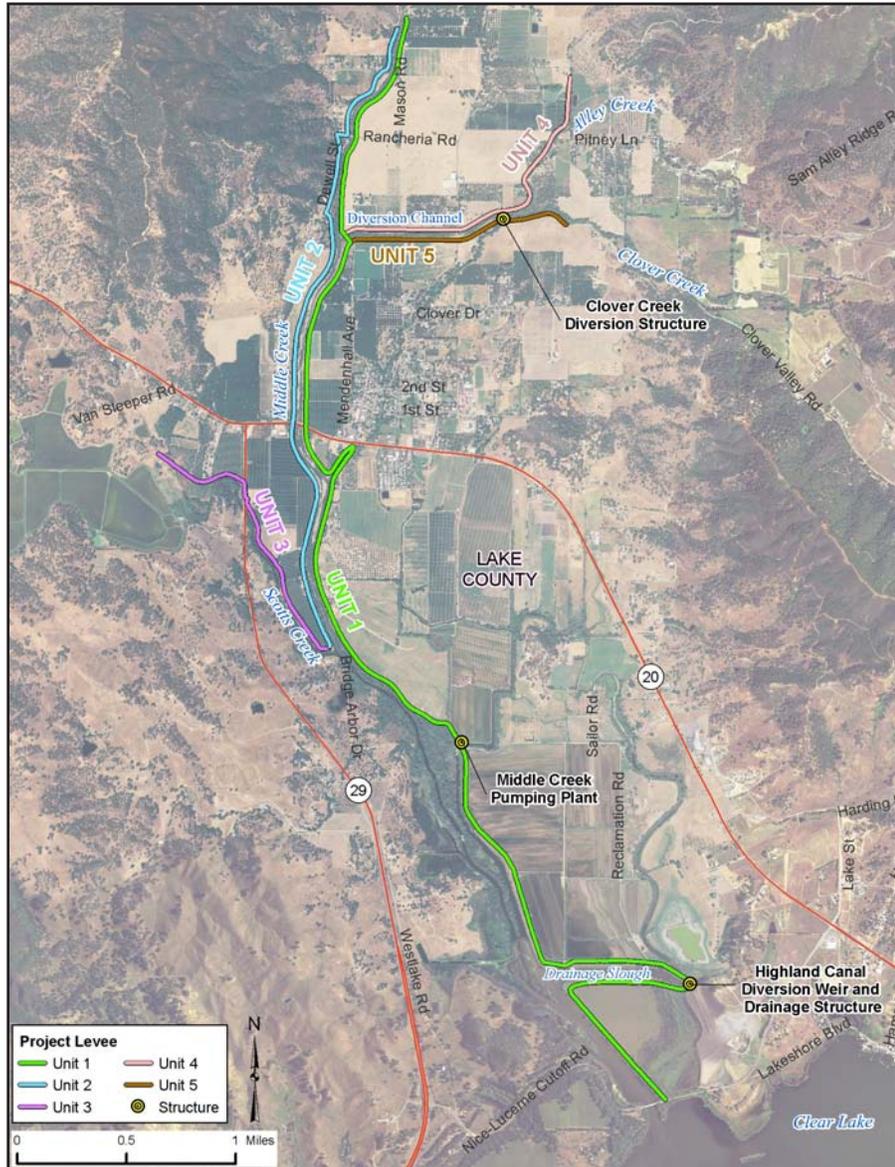
Lake County Water Resources Dept • 255 N. Forbes St. #309

Lakeport CA 95453 • (707) 263-2344



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
NA0009	Lake County Watershed Protection District		
	Unit No. 02 Middle Creek	RB	3.13
	Unit No. 03 Scotts Creek	LB	1.35
	Unit No. 04 Page, Alley and Clover Creek Diversion	RB	1.53
	Unit No. 05 Clover Creek and Clover Creek Diversion	LB	1.04
	Unit No. 01 Middle Creek	LB	3.42
	Unit No. 01B Middle Creek	LB	3.10



**USACE Operation and Maintenance Manual Information:**

**Title**

Middle Creek Part No.2 Levees and Channel Improvement, Middle Creek Project, CA.

**Unit No.**

Sacramento River 506

**Protection Provided**

No information available at time of printing.

## Summary of Information Reported in 2010

### **Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported excess channel vegetation at Levee Unit 1, LM 3.0 to 3.5 and Levee Unit 4, LM 0.8 to 1.33, sediment accumulation at Levee Unit 1, LM 2.0 to 3.5 and Levee Unit 4, LM 0.5 to 1.33 and a landside encroachment at Levee Unit 2, LM 1.05.

### **Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported inadequate freeboard at Levee Unit 2, LM 2.6, Levee Unit 3, LM 1.3 and Levee Unit 5, LM 0.5.

### **Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished for all levee units and the locations of these activities. Activities include sediment removal, vegetation mowing, spraying and thinning.

### **Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities for all levee units and the locations of these activities. Expenses include costs of inspections, sediment removal, vegetation mowing, spraying and thinning. The reported total estimated cost for the fiscal year is \$40,674.30.

### **Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

The Agency reported the following items are available upon request: 2-foot interval, aerial topographic mapping, DFG, CVRWQCB, Reclamation Board and Corps of Engineers 404 permits for channel maintenance from 2006 to 2011, 1958 design plans, as-built surveys from major sediment removal projects and Clover Diversion Weir modification plans.

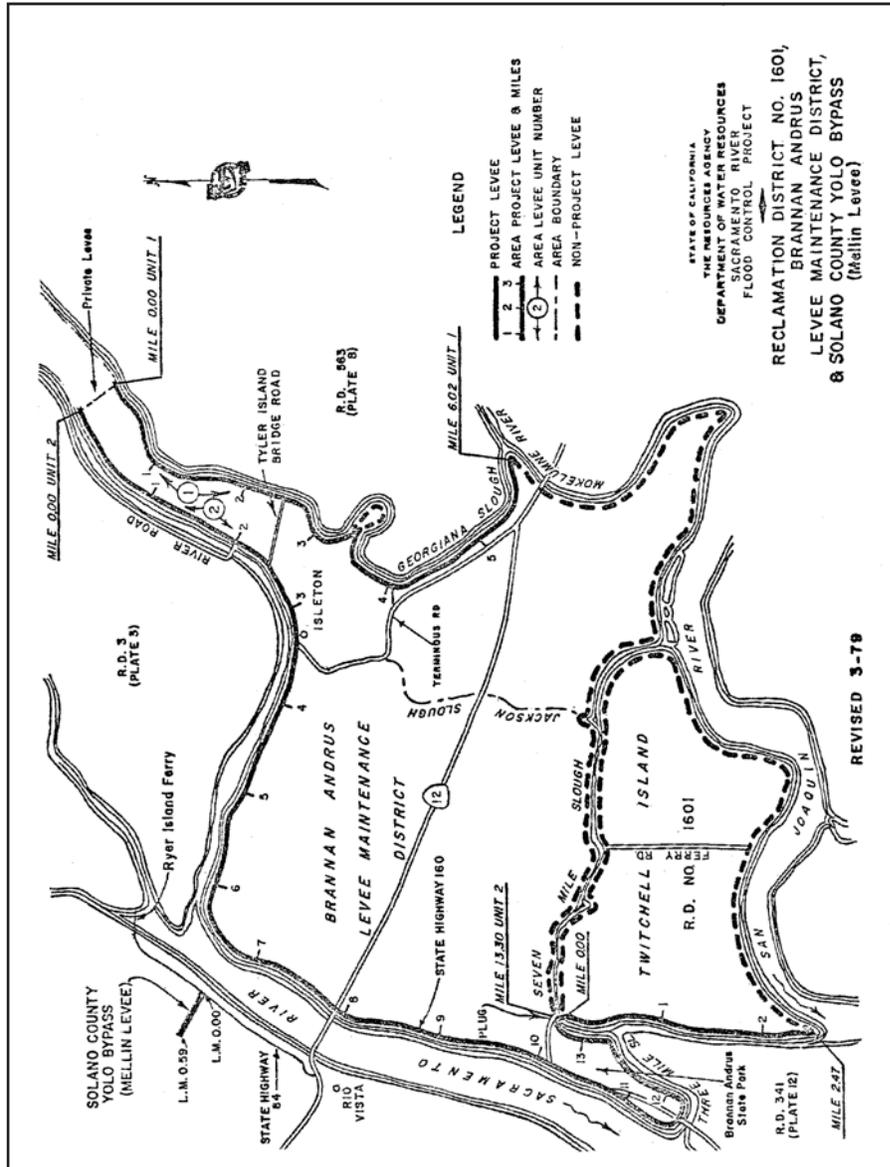
# Solano County Public Works (Mellin Levee) Solano County

## Contact

Bill Emlen • Director of Resource Office  
675 Texas Street, Suite 5500 • Fairfield CA 94533  
Phone: (707) 784-6765

SACRAMENTO SYSTEM: SOLANO COUNTY PUBLIC WORKS (MELLIN LEVEE)

Solano Co



Levee Information:

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
NA0012	Solano County Public Works (Mellin Levee) Unit No. 01 Mellin Levee	RB	0.59

Solano County Public Works (Mellin Levee)

## SACRAMENTO SYSTEM: SOLANO COUNTY PUBLIC WORKS (MELLIN LEEVE)



Solano Co

### USACE Operation and Maintenance Manual Information:

#### **Title**

No information available at time of printing.

#### **Unit No.**

No information available at time of printing.

#### **Protection Provided**

No information available at time of printing.

Solano County Public Works (Mellin Levee)

**Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency stated that no compromising conditions are known at this time.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency stated that no impairments or compromising conditions are known at this time.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished. Activities include vegetation control, gate repair and roadway maintenance.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities. Expenses include costs of vegetation control, gate repair and roadway maintenance. The reported total estimated cost for the fiscal year is \$7,875.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

The Agency stated that there was no new information to report on levee condition or performance.

# Murphy Slough at M&T Ranch

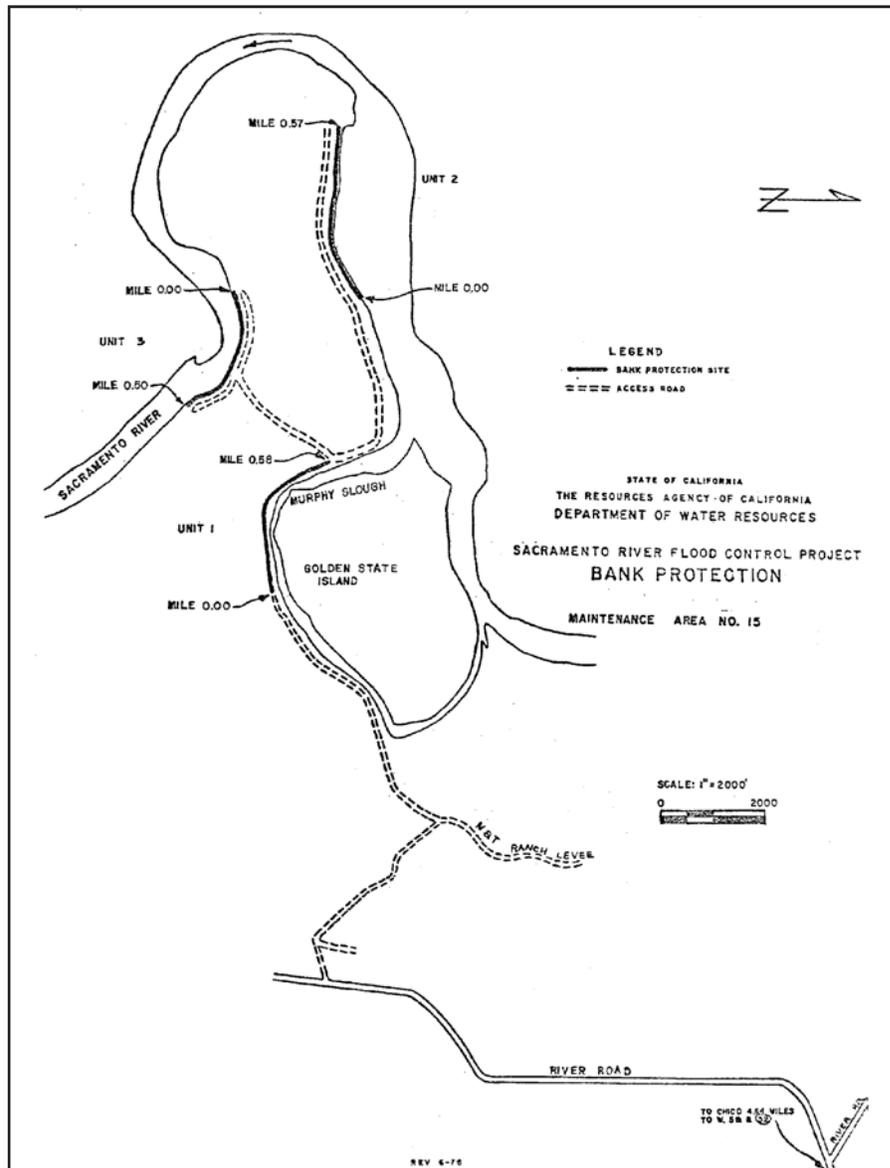
**Butte County**

## **Contact**

No information available

# SACRAMENTO SYSTEM: MURPHY SLOUGH AT M&T RANCH

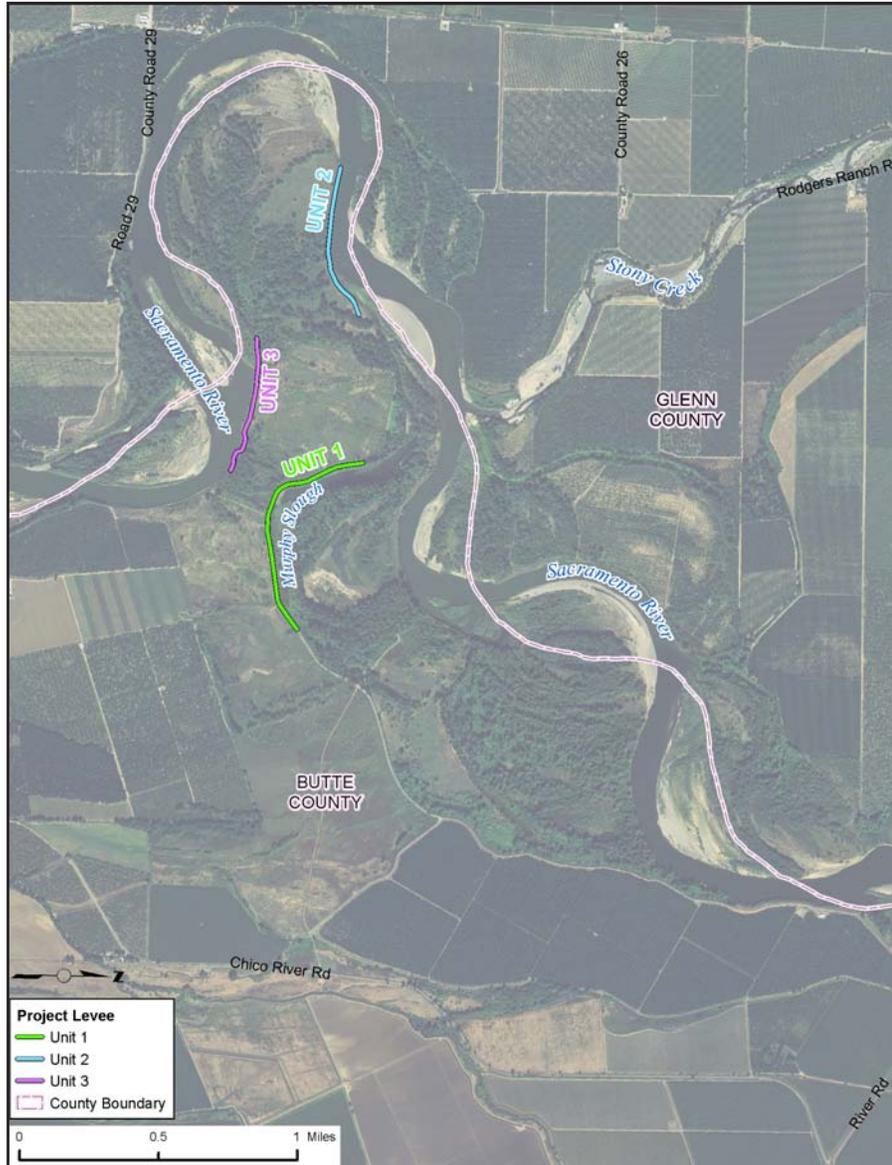
M&T Ranch



## Levee Information:

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
NA0014	Murphy Slough at M&T Ranch		
	Unit No. 01 Murphy Slough at M&T Ranch	LB	0.78
	Unit No. 02 Sacramento River	LB	0.60
	Unit No. 03A Sacramento River	LB	0.50

Murphy Slough at M&T Ranch



M&T Ranch

**USACE Operation and Maintenance Manual Information:**

**Title**

No information available at time of printing.

**Unit No.**

No information available at time of printing.

**Protection Provided**

No information available at time of printing.

## Summary of Information Reported in 2010

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported that the relevant conditions are recorded in the 2010 FPIIB Spring Levee Inspection Reports.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported that the relevant conditions are recorded in the 2010 FPIIB Spring Levee Inspection Reports.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished for all levee units. Activities include roadway maintenance and vegetation control.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities for all levee units. Expenses include costs of roadway maintenance and vegetation control. The reported total estimated cost for the fiscal year is \$40,000.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

# Plumas County

## Plumas County

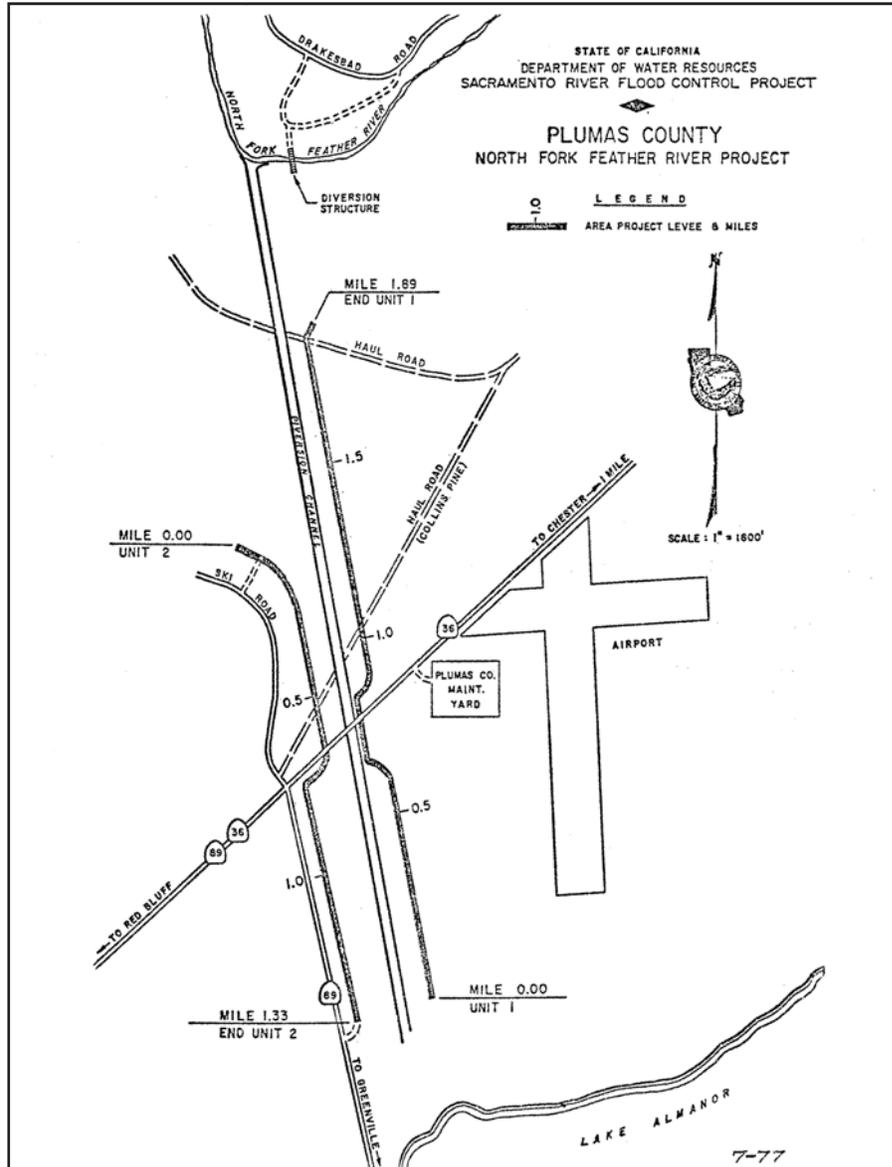
### Contact

Robert Perreault • Public Works Director  
1834 East Main Street • Quincy CA 95971  
Phone: (530) 283-6268

Plumas Co

Plumas County

**SACRAMENTO SYSTEM: PLUMAS COUNTY**



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
NA0015	Plumas County		
	Unit No. 01 North Fork Feather River	LB	1.89
	Unit No. 02 North Fork Feather River	RB	1.33



Plumas Co

**USACE Operation and Maintenance Manual Information:**

**Title**

Operations and Maintenance Manual for North Fork Feather River Project Channel Improvement and Levee Construction Near Chester, Plumas County, Ca.

**Unit No.**

Sacramento River 508

**Protection Provided**

The project provides protection to the town of Chester, bridges for Highway 36, two county roads, and the Almanor Branch spurline of Western Pacific Railroad. The project provides protection to the above mentioned facilities for floodflows in excess of about 3,000 cfs – estimated to be the capacity of North Fork Feather River through Chester.

Plumas County

**Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 1.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 2.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

No information provided by the Agency for Part 3.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

No information provided by the Agency for Part 4.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

Plumas Co

Plumas County

# Sacramento River West Side Levee District

**Sacramento County**

## **Contact**

Lewis Bair • Manager

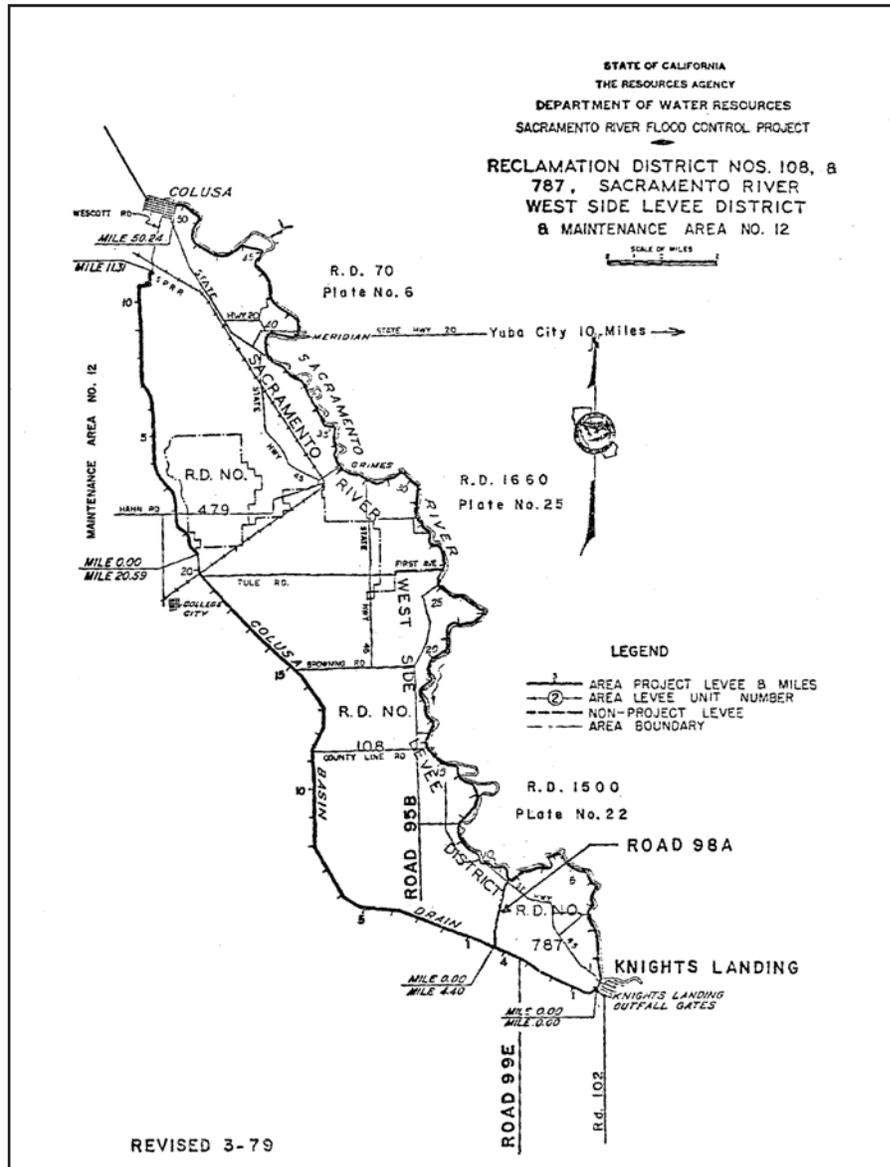
P.O. Box 50 • Grimes CA 95950

Phone: (530) 437-2221

WSLD

Sacramento River West Side Levee District

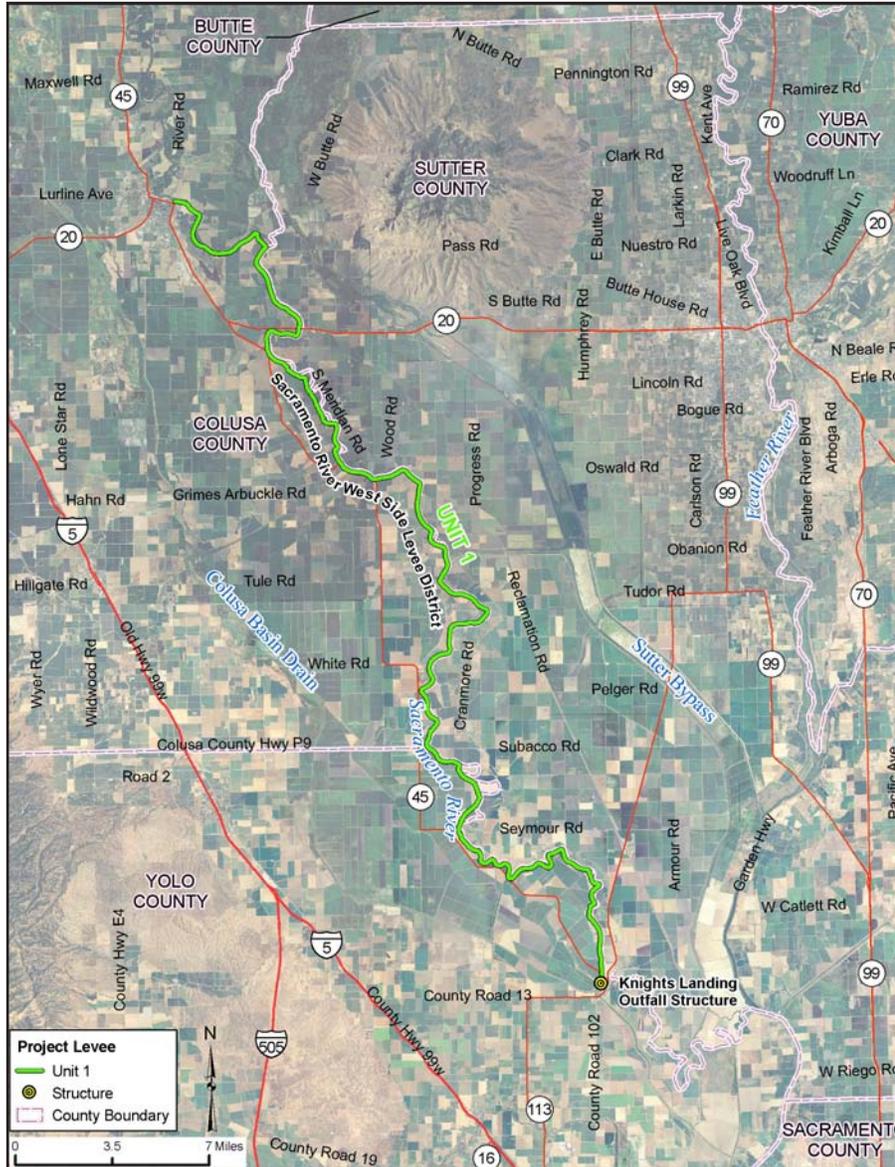
# SACRAMENTO SYSTEM: SACRAMENTO RIVER WEST SIDE LEVEE DISTRICT



## Levee Information:

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
NA0016	Sacramento River West Side Levee District Unit No. 01 Sacramento River	RB	50.21

# SACRAMENTO SYSTEM: SACRAMENTO RIVER WEST SIDE LEVEE DISTRICT



WSLD

## USACE Operation and Maintenance Manual Information:

**Title**

No information available at time of printing.

**Unit No.**

No information available at time of printing.

**Protection Provided**

No information available at time of printing.

Sacramento River West Side Levee District

## **Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported that the relevant conditions do not differ from the FPIIB Spring and Fall Levee Inspection Reports.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported erosion at LM 33.54, 43.74 and 44.14. The Agency also noted seepage at LM 6.98 and 4.48.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished. Activities include patrolling, roadway maintenance, vegetation baiting, burning, spraying and trapping.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities. Expenses include costs of patrolling, roadway maintenance, rodent control and vegetation control. The reported total estimated cost for the fiscal year is \$136,000.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

The Agency stated that there was nothing to report.

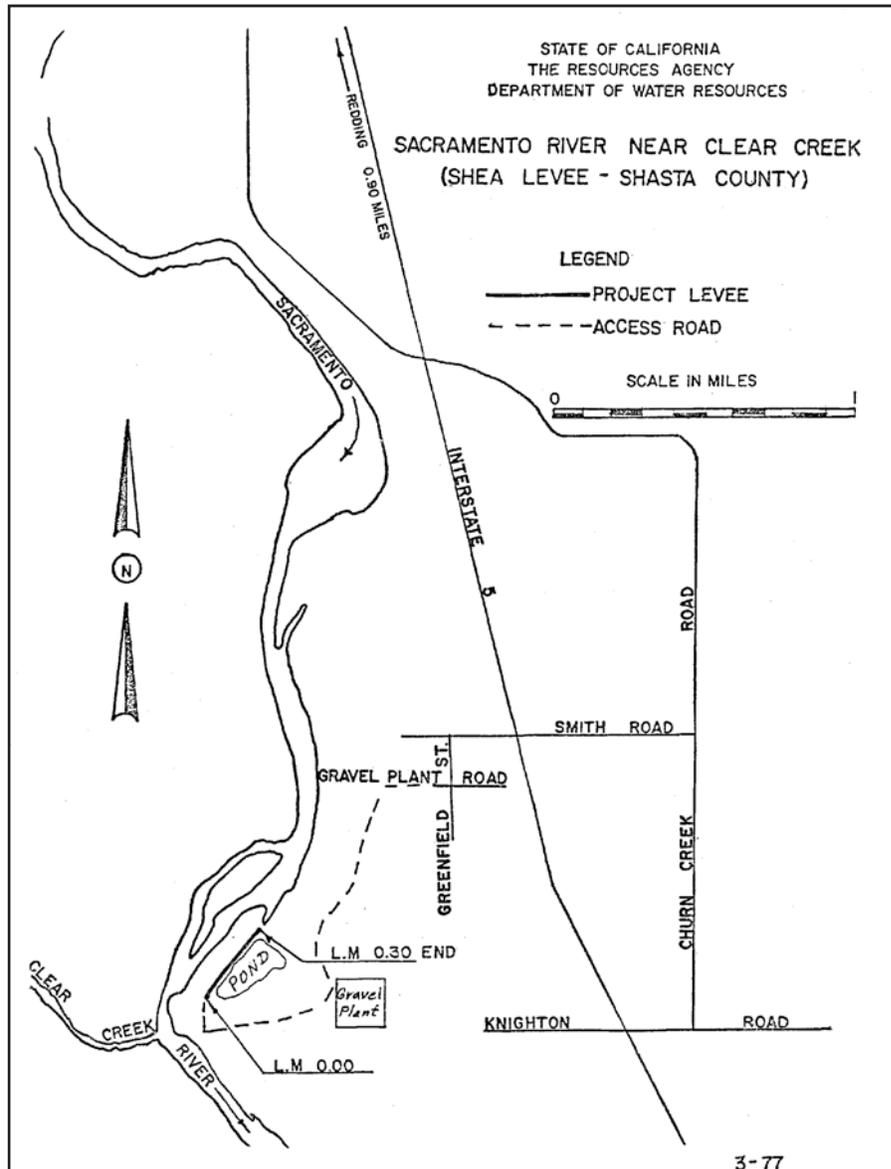
# California Department of Fish and Game (Shea Levee) Shasta County

## Contact

Jim Thompson • Fish Habitat Supervisor  
1760 Bidwell Street • Red Bluff CA 96080  
Phone: (530) 528-9406

Shea Levee

California Department of Fish and Game (Shea Levee)



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
NA0018	California Department of Fish and Game (Shea Levee) Unit No. 01 Sacramento River	LB	0.30

Shea Levee

California Department of Fish and Game (Shea Levee)



Shea Level

California Department of Fish and Game (Shea Level)

**USACE Operation and Maintenance Manual Information:**

**Title**

Emergency Levee Construction on the Left Bank Sacramento River Near Clear Creek.

**Unit No.**

Sacramento River 520

**Protection Provided**

The State Reclamation Board, on June 28, 1974, adopted Resolution No. 74-11, which states: Whereas, the Reclamation Board has determined that a serious flood problem exists on the Sacramento River in the vicinity of Clear Creek approximately between River Mile 288 and 290; and whereas, the Reclamation Board has determined that if the river is not stabilized as rapidly as possible in this reach, a permanent channel change will occur, causing severe damages to the Tobiasson and Nye subdivisions, in the City of Redding sewer ponds and to valuable spawning beds.

### **Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency stated that there was no new information to report.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency stated that there was no new information to report.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency reported that vegetation removal was performed.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency reported that vegetation control and burning is planned.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

The Agency stated that there was nothing to report.

Shea Levee

# Tehama County Flood Control and Water Conservation District

**Tehama County**

## **Contact**

Gary Antone • Public Works Director

Agency Office • 9380 San Benito Avenue

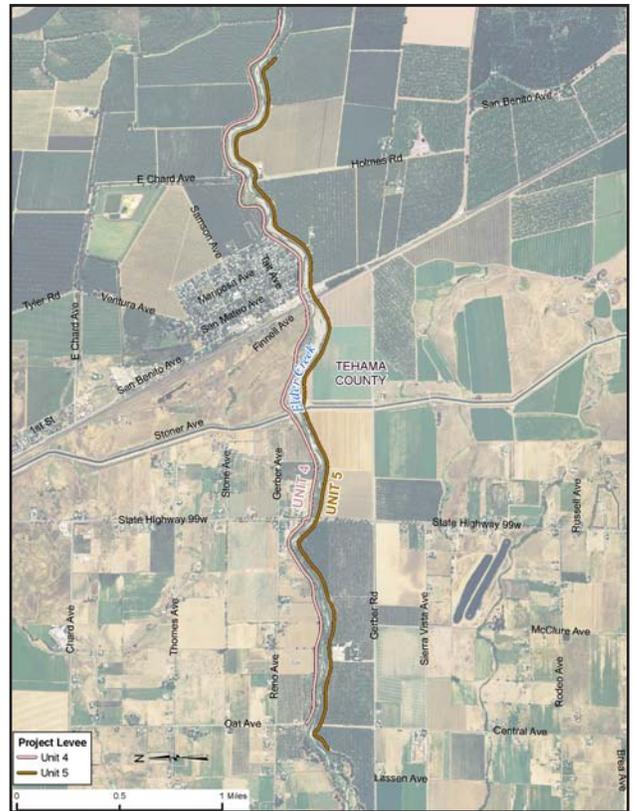
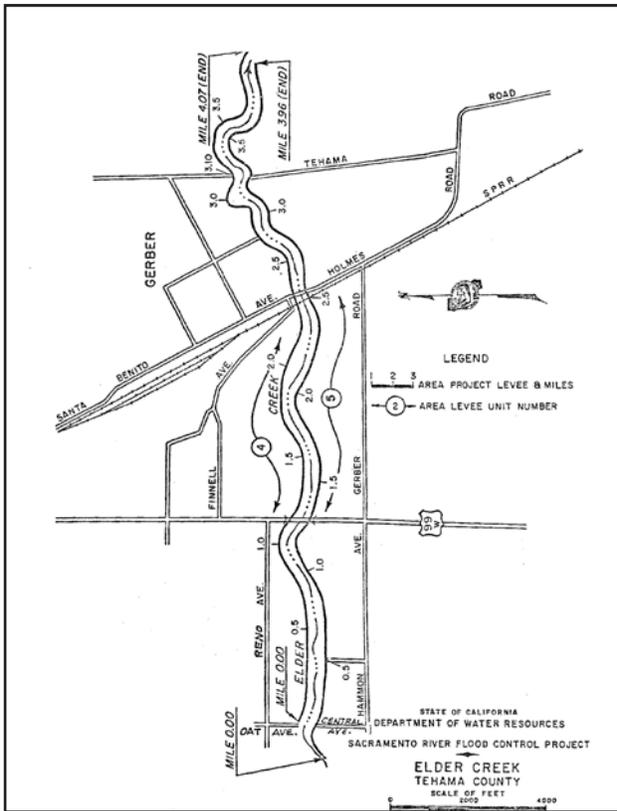
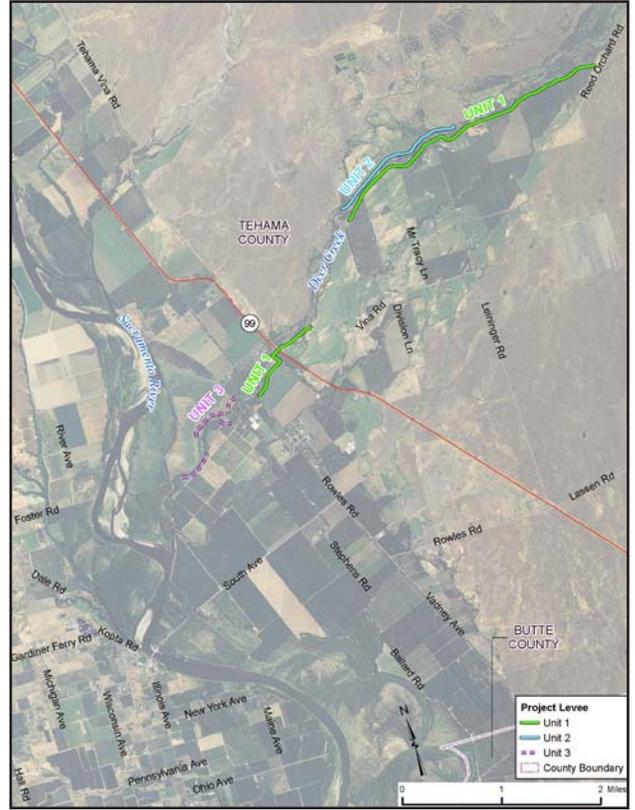
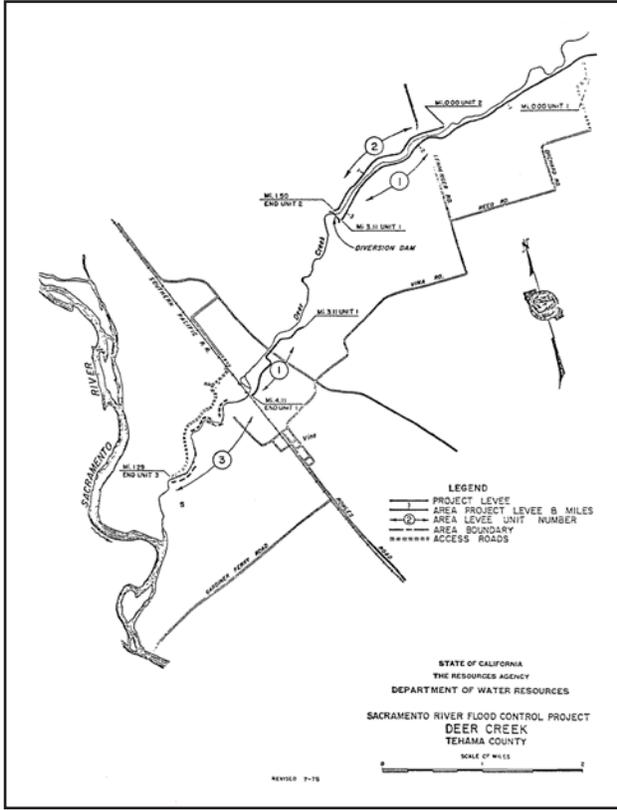
Gerber CA 96035 • Phone: (530) 385-1462

Tehama  
County

Tehama County Flood Control and Water Conservation District

**SACRAMENTO SYSTEM: TEHAMA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT**

Tehama County



Tehama County Flood Control and Water Conservation District

**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
NA0019	<b>Tehama County Flood Control and Water Conservation District</b>		
	Unit No. 01 Deer Creek	LB	4.11
	Unit No. 02 Deer Creek	RB	1.50
	Unit No. 03 Deer Creek	LB	1.29
	Unit No. 04 Elder Creek	LB	4.07
	Unit No. 05 Elder Creek	RB	3.96

## Summary of Information Reported in 2010

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported an erosion site in Levee Unit 1.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 2.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished for all levee units and the locations of these activities. Activities include encroachment control, debris removal, inspections, pole removal, repair of vehicle and foot traffic damage on levee slope, rodent control, grouting, vegetation removal and tree trimming.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities for all levee units and the locations of these activities. Expenses include costs of encroachment control, debris removal, inspections, pole removal, repair of vehicle and foot traffic damage on levee slope, rodent control, grouting, vegetation removal and tree trimming. The Agency stated that Cal-Fire crews will be used to perform necessary maintenance in all levee units. The reported total estimated cost for the fiscal year is \$2000.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

The Agency reported that a formal report with specific maintenance tasks is available upon request. This report was requested by DWR and the information was appended to the Agency's Part 3 and 4 reports.

# Yolo County Planning Resources and Public Works

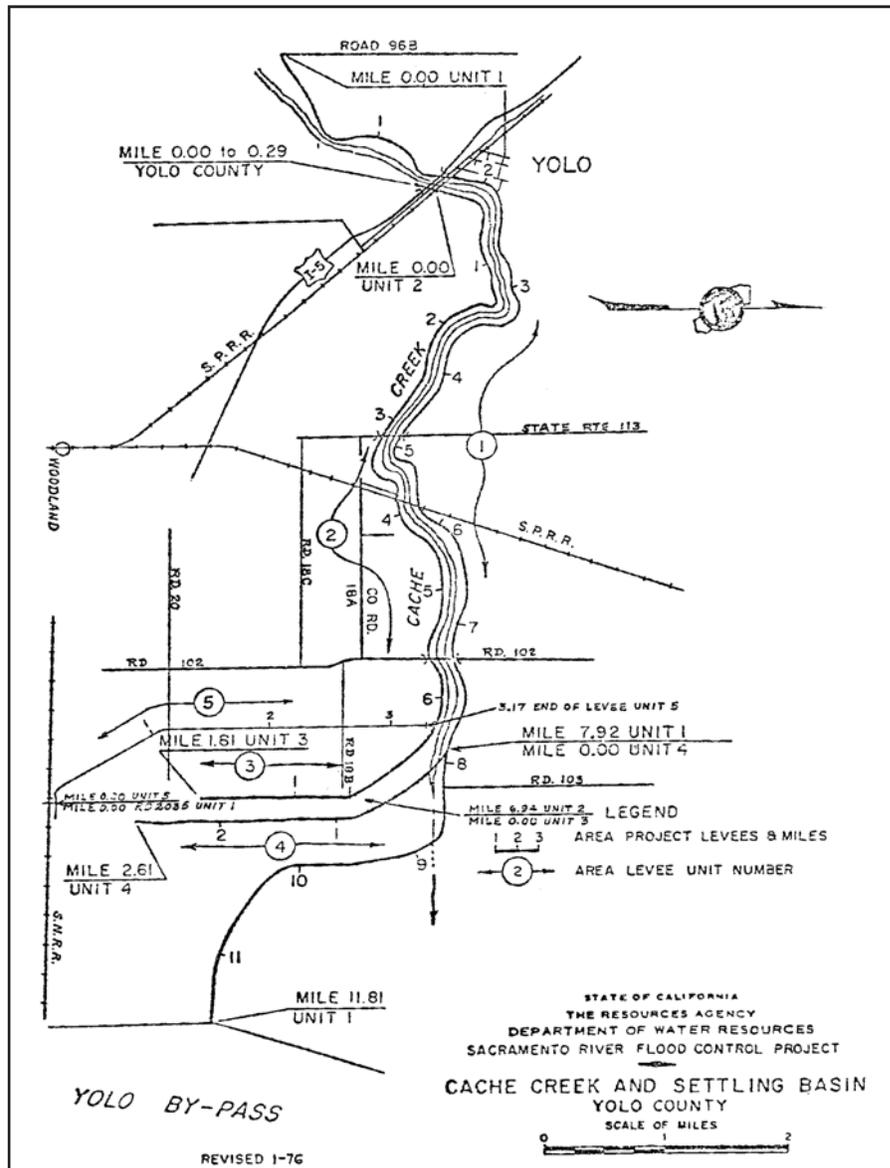
## Yolo County

### Contact

John Bencomo • Director of Planning and Public Works

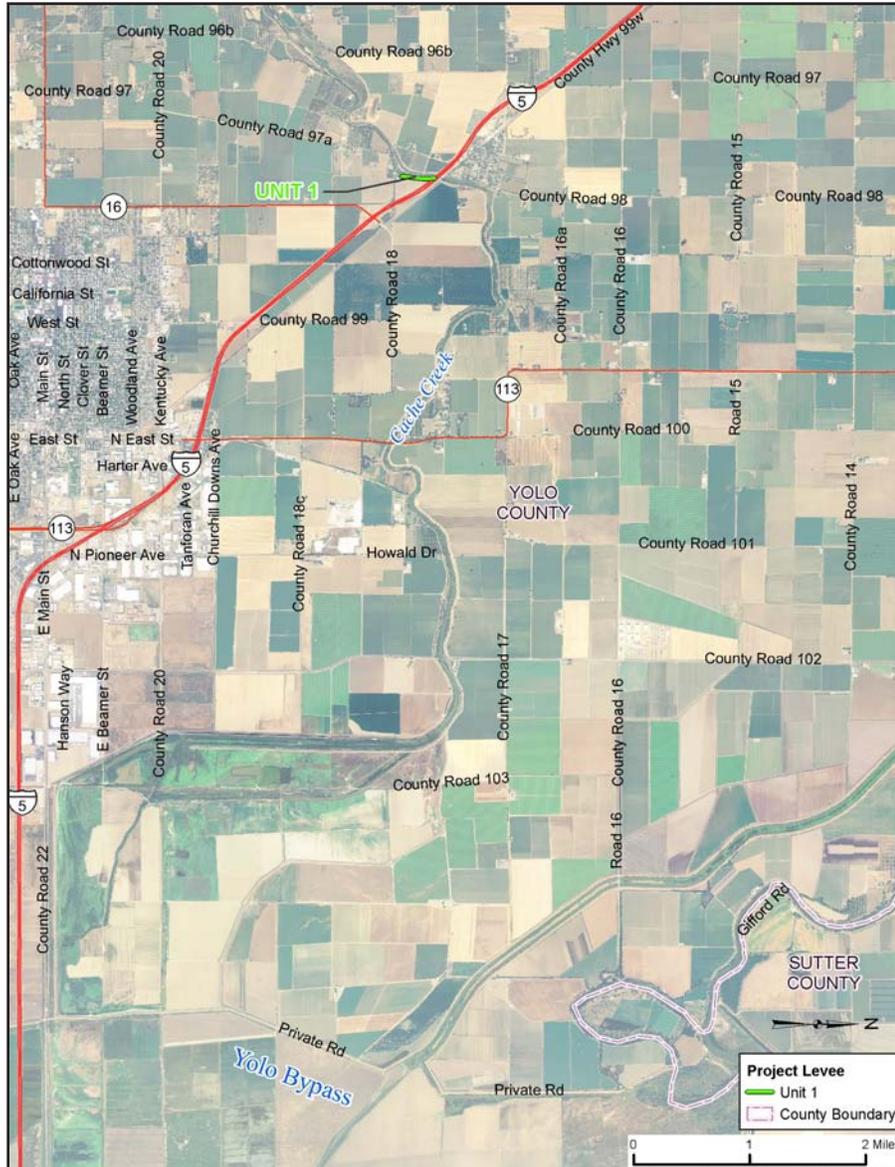
Agency Office • 292 West Beamer Street

Woodland CA 95695 • Phone: (530) 666-8775



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
NA0018	Yolo County Planning Resources and Public Works Unit No. 01 Right Bank Cache Creek	RB	0.29



Cache-Yolo Co

Yolo County Planning Resources and Public Works

**USACE Operation and Maintenance Manual Information:**

**Title**

Cache Creek Levees and Settling Basin Yolo Bypass to High Ground.

**Unit No.**

Sacramento River 126

**Protection Provided**

Provides direct protection to agricultural land along lower Cache Creek upstream from the Yolo Bypass an adjacent to the City of Woodland. Additionally, US Highway 99W and alternate Highway 40, the mainline route and one branchline route of Southern Pacific Railroad, several county roads and the unincorporated town of Yolo.

## Summary of Information Reported in 2010

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency stated that they do not inspect the levees.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency stated that they do not inspect the levees.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency reported that no funds were allocated for maintenance of the Cache Creek levee and no maintenance was performed. The Agency noted that they cannot use road funds for levee maintenance or repairs. The Agency also stated that they do not have legal access to the levee because easements were granted to the State.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency reported that no funds were allocated for maintenance of the Cache Creek levee and no maintenance is planned this fiscal year. The Agency noted that they cannot use road funds for levee maintenance or repairs. The Agency also stated that they do not have legal access to the levee because easements were only granted to the State.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

# Yolo County Service Area 6

**Yolo County**

## **Contact**

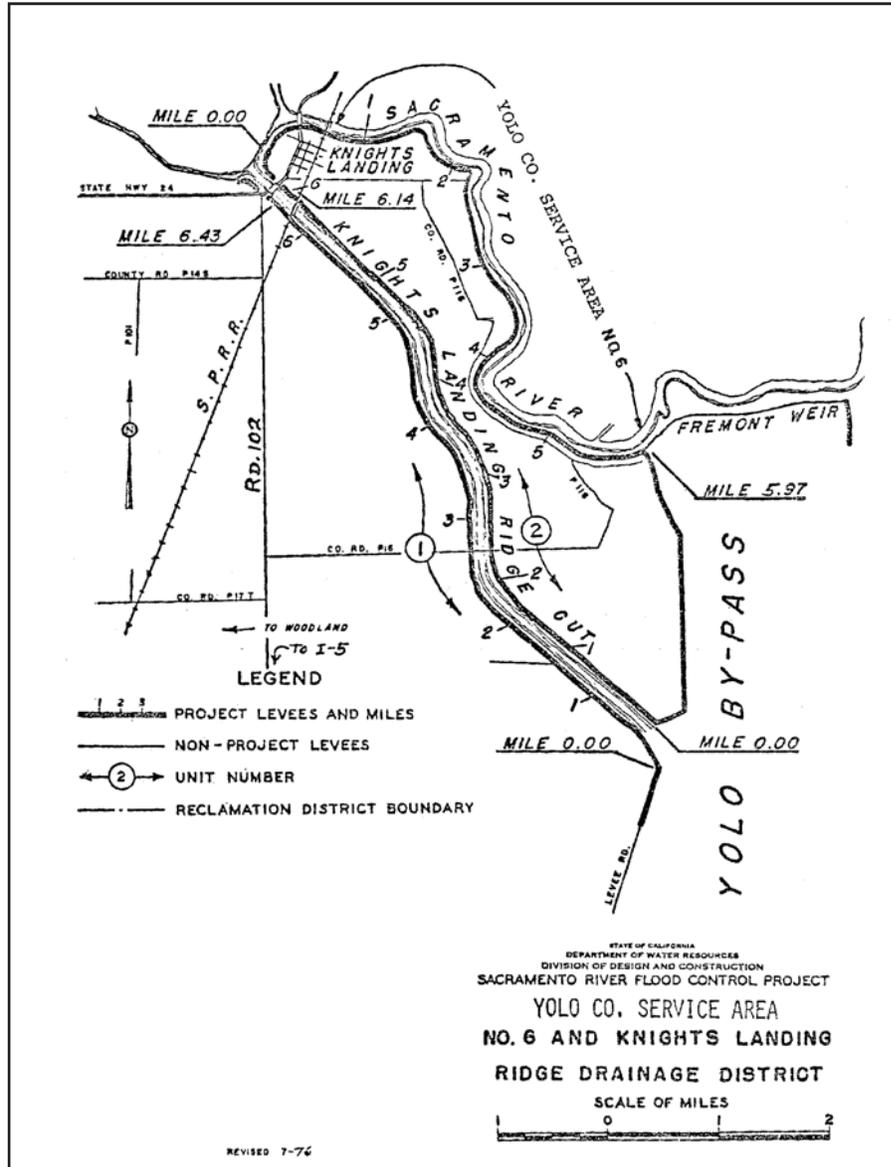
John Bencomo • Director of Planning and Public Works

Agency Office • 292 West Beamer Street

Woodland CA 95695 • Phone: (530) 666-8775

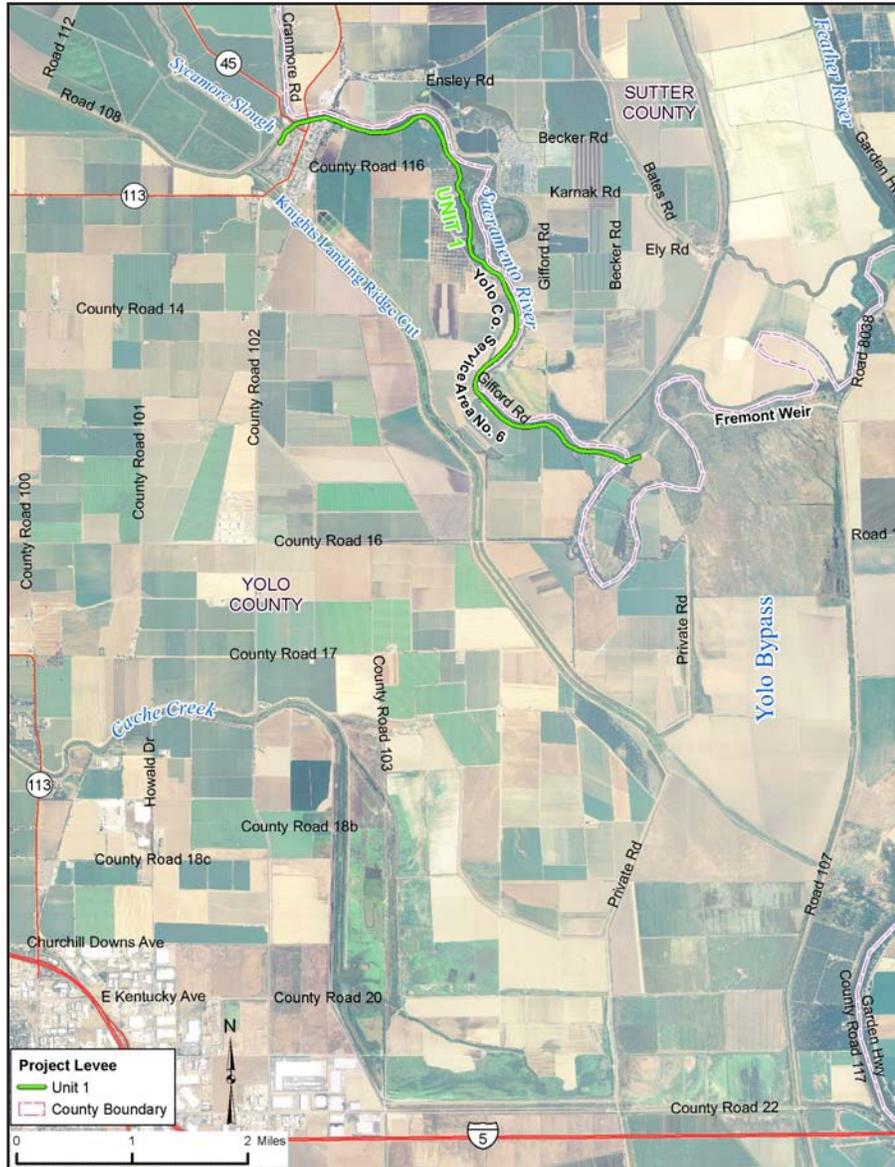
Yolo CSA 6

Yolo County Service Area 6



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
NA0022	Yolo County Service Area 6 Unit No. 01 Right Bank of Sacramento River at Knights Landing	RB	5.97



Yolo CSA 6

**USACE Operation and Maintenance Manual Information:**

**Title**

West Levee Sacramento River and South Levee Sycamore Slough at Knights Landing, CA.

**Unit No.**

Sacramento River 7

**Protection Provided**

Provides direct protection against high water of the Sacramento River and its tributaries in this area.

Yolo County Service Area 6

**USACE Operation and Maintenance Manual Information:**

**Title**

Levees of Knights Landing Ridge Cut and Sacramento River and Yolo Bypass Levees of Reclamation Districts 730 and 819 and South Levee of Sycamore Slough.

**Unit No.**

Sacramento River 127

**Protection Provided:**

Provide protection to adjacent agricultural lands and the town of Knights Landing against flood waters in the Sacramento River system and drainage waters of Knights Landing Ridge Cut.

**Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported a highly vegetated area at LM 5.97.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported seepage areas identified within the Mid-Valley Project Area III.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished. Activities include rodent baiting, vegetation thinning and spraying.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The reported total estimated cost for the fiscal year is \$30,000.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

# Sacramento Maintenance Yard (Cache Creek) Yolo County

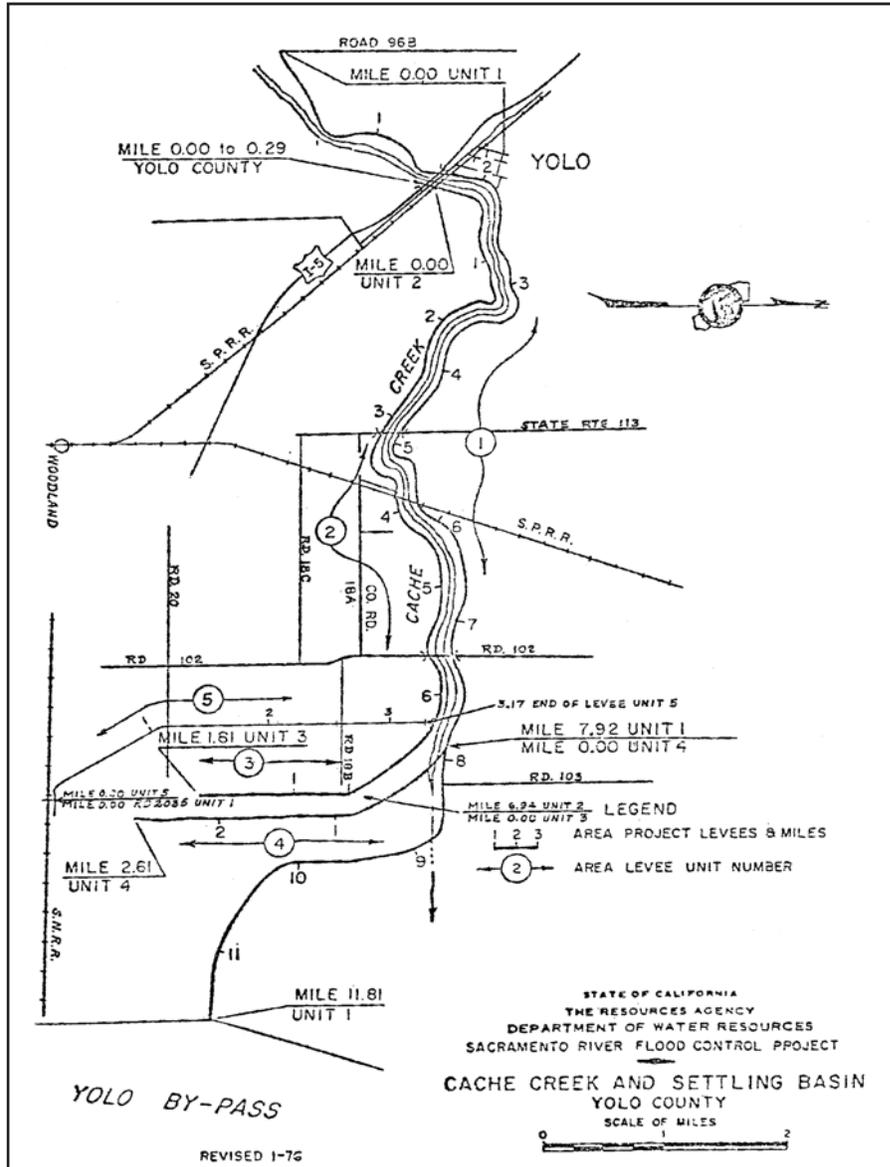
## Contact

Russ Eckman • Utility Craftsworker Superintendent  
1450 River Bank Road • West Sacramento CA 95605  
Phone: (916) 375-6004

Cache  
Creek

Sacramento Maintenance Yard (Cache Creek)

**SACRAMENTO SYSTEM: SACRAMENTO MAINTENANCE YARD (CACHE CREEK)**



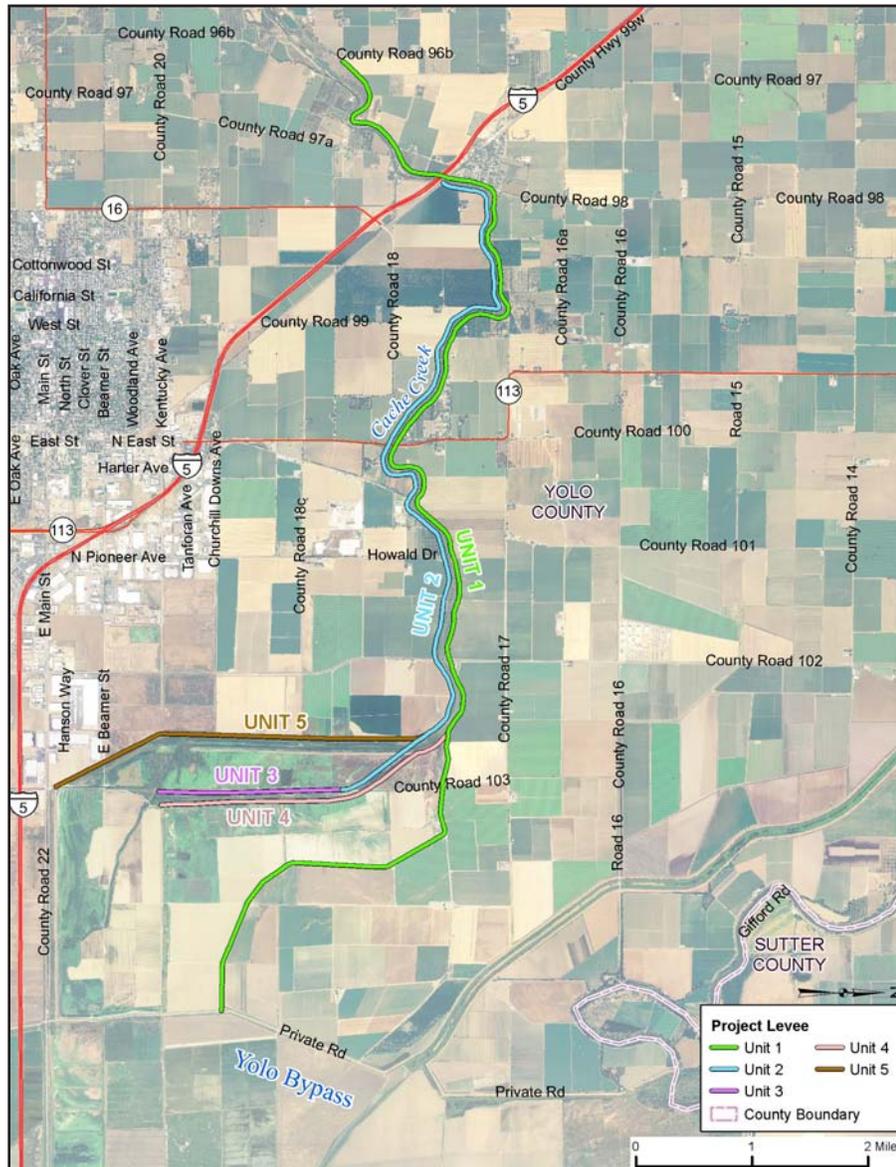
**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
ST0001	Sacramento Maintenance Yard (Cache Creek)		
	Unit No. 01 North Levee	LB	11.81
	Unit No. 02 South Levee	RB	11.43
	Unit No. 04 East Training Levee of Cache Creek Settling Basin	LB	2.28
	Unit No. 03 West Training Levee of Cache Creek Settling Basin		0.00
	Unit No. 05 Cache Creek Settling Basin Extension Levee		3.17

Cache Creek

Sacramento Maintenance Yard (Cache Creek)

## SACRAMENTO SYSTEM: SACRAMENTO MAINTENANCE YARD (CACHE CREEK)



Cache Creek

Sacramento Maintenance Yard (Cache Creek)

### USACE Operation and Maintenance Manual Information:

**Title**

Cache Creek Levees and Settling Basin Yolo Bypass to High Ground.

**Unit No.**

Sacramento River 126

**Protection Provided**

Provides direct protection to agricultural land along lower Cache Creek upstream from the Yolo Bypass an adjacent to the City of Woodland. Additionally, US Highway 99W and alternate Highway 40, the mainline route and one branchline route of Southern Pacific Railroad, several county roads and the unincorporated town of Yolo.

**Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 1.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 2.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

No information provided by the Agency for Part 3.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities for all levee units. Expenses include costs of grouting, erosion repair, gate repair, roadway grading, rodent control, vegetation burning and dragging. The reported total estimated cost for the fiscal year is \$640,000.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

# Sacramento Maintenance Yard (East Levee Yolo Bypass) Yolo County

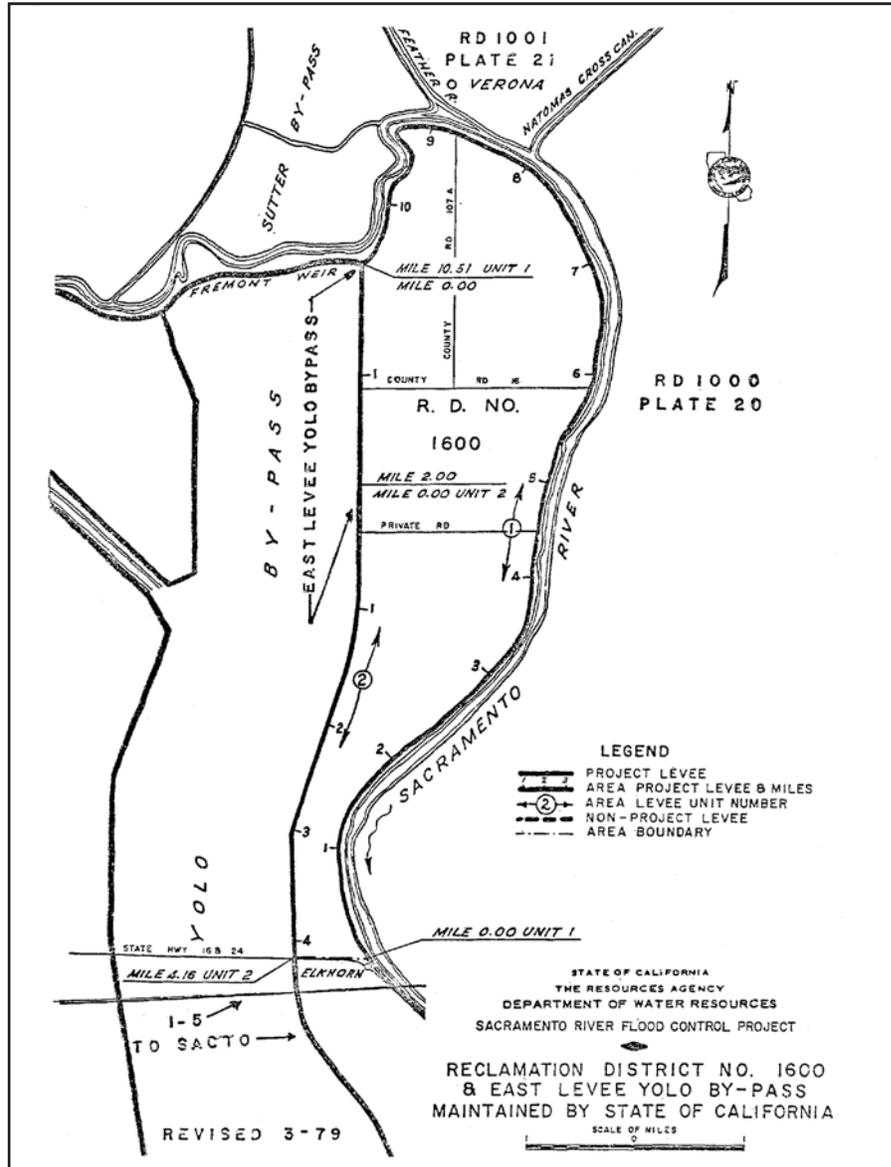
EL Yolo  
Bypass

## Contact

Russ Eckman • Utility Craftworker Superintendent  
1450 River Bank Road • West Sacramento CA 95605  
Phone: (916) 375-6004

Sacramento Maintenance Yard (East Levee Yolo Bypass)

**SACRAMENTO SYSTEM: SACRAMENTO MAINTENANCE YARD (EAST LEVEE YOLO BYPASS)**



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
ST0004	Sacramento Maintenance Yard (East Levee Yolo Bypass) Unit No. 01 Yolo Bypass	LB	2.00

EL Yolo Bypass

Sacramento Maintenance Yard (East Levee Yolo Bypass)



**USACE Operation and Maintenance Manual Information:**

***Title***

East Levee of Sutter Bypass from the Sutter Buttes southerly to its junction with the Feather River and the East and West Levees of Wadsworth Canal and Levees of Intercepting Canals.

***Unit No.***

Sacramento River 135

***Protection Provided***

Provide protection to adjacent agricultural lands against flood water in Sutter Bypass and Wadsworth Canal.

EL Yolo  
Bypass

Sacramento Maintenance Yard (East Levee Yolo Bypass)

## **Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 1.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 2.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

No information provided by the Agency for Part 3.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities. Expenses include costs of gate maintenance, rodent control and vegetation mowing. The reported total estimated cost for the fiscal year is \$70,000.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

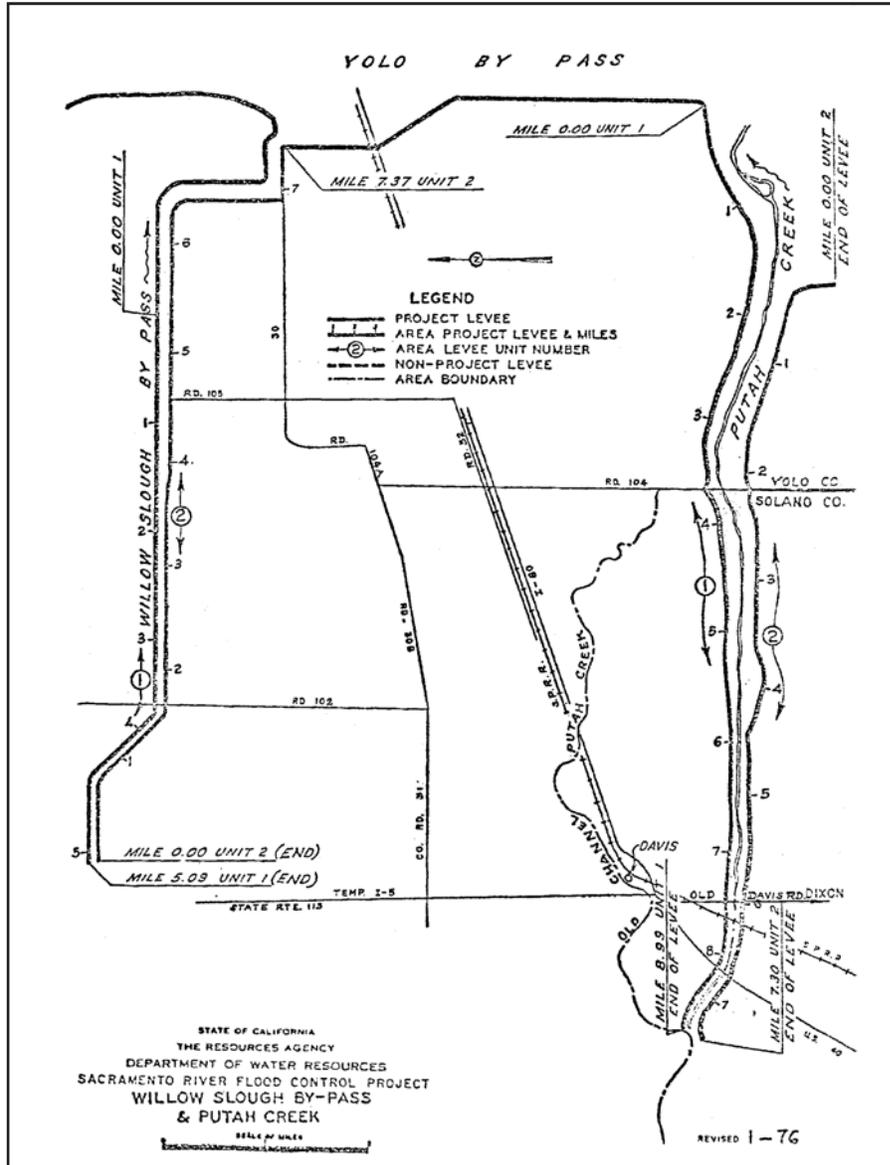
No information provided by the Agency for Part 5.



# Sacramento Maintenance Yard (Putah Creek) Yolo County

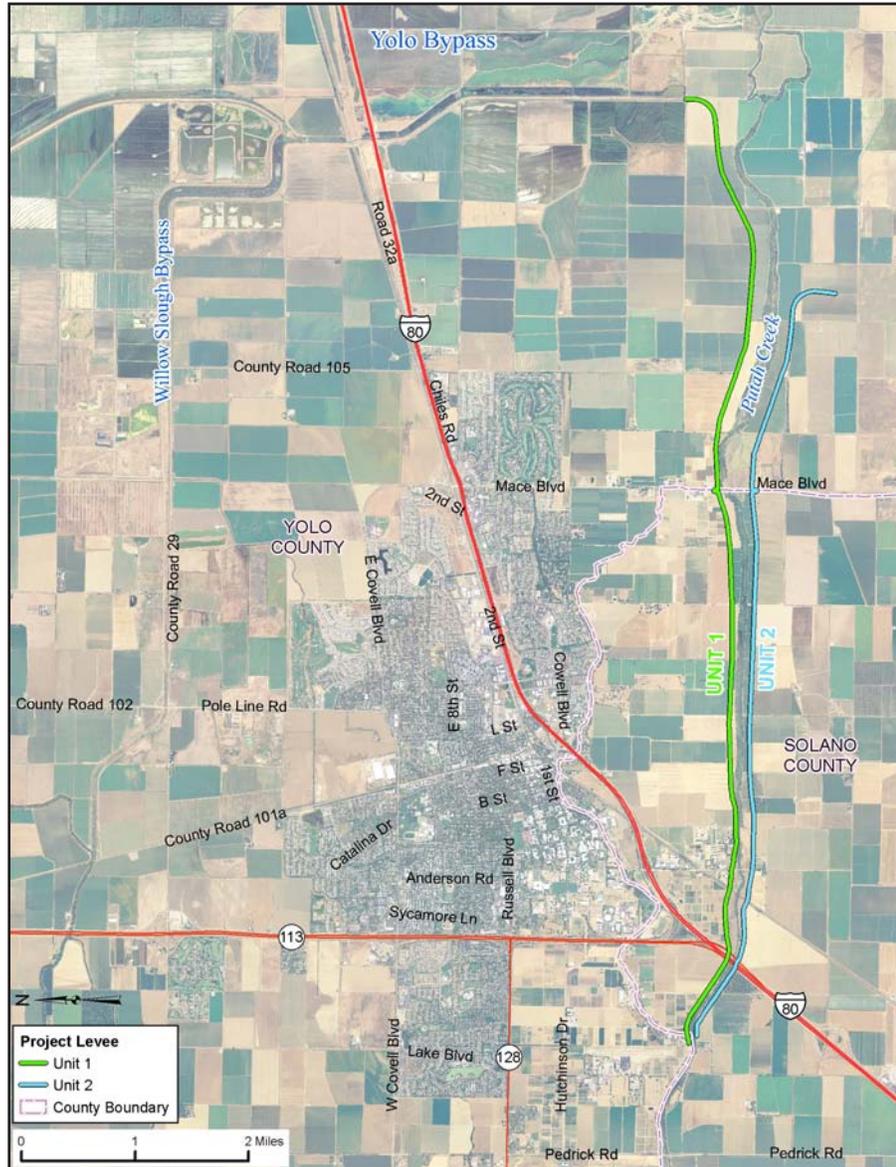
## Contact

Russ Eckman • Utility Craftsworker Superintendent  
1450 River Bank Road • West Sacramento CA 95605  
Phone: (916) 375-6004



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
ST0007	Sacramento Maintenance Yard (Putah Creek)		
	Unit No. 01 Putah Creek or North Levee	LB	8.99
	Unit No. 02 Putah Creek or South Levee	RB	7.30



**USACE Operation and Maintenance Manual Information:**

**Title**

Putah Creek Channel and Levees and West Levee of Yolo By-Pass from Yolo Causeway Downstream 3.0 Miles

**Unit No.**

Sacramento River 119

**Protection Provided**

Designed to protect adjacent agricultural lands from flood flow of 40,000 cfs in Putah Creek with Yolo Bypass at flood stage, west levee of Yolo Bypass designed to protect adjacent agricultural land from flood flow of 480,000 cfs in Yolo Bypass within unit.

## Summary of Information Reported in 2010

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 1.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 2.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

No information provided by the Agency for Part 3.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities for all levee units. Expenses include costs of encroachment control, erosion repair, gate maintenance, pipe repair, roadway grading, rodent control, vegetation burning, dragging, mowing, spraying and tree trimming. The reported total estimated cost for the fiscal year is \$290,000.

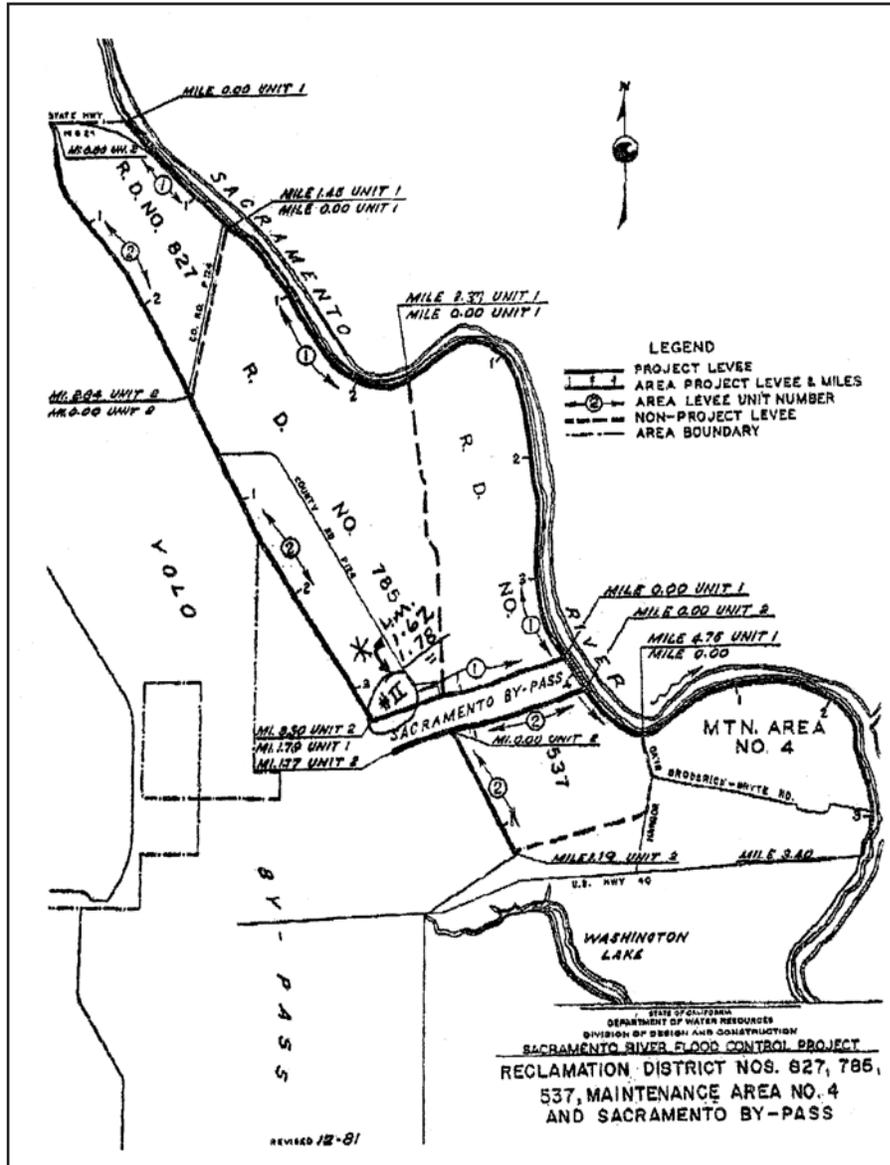
**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

# Sacramento Maintenance Yard (Sacramento Bypass) Yolo County

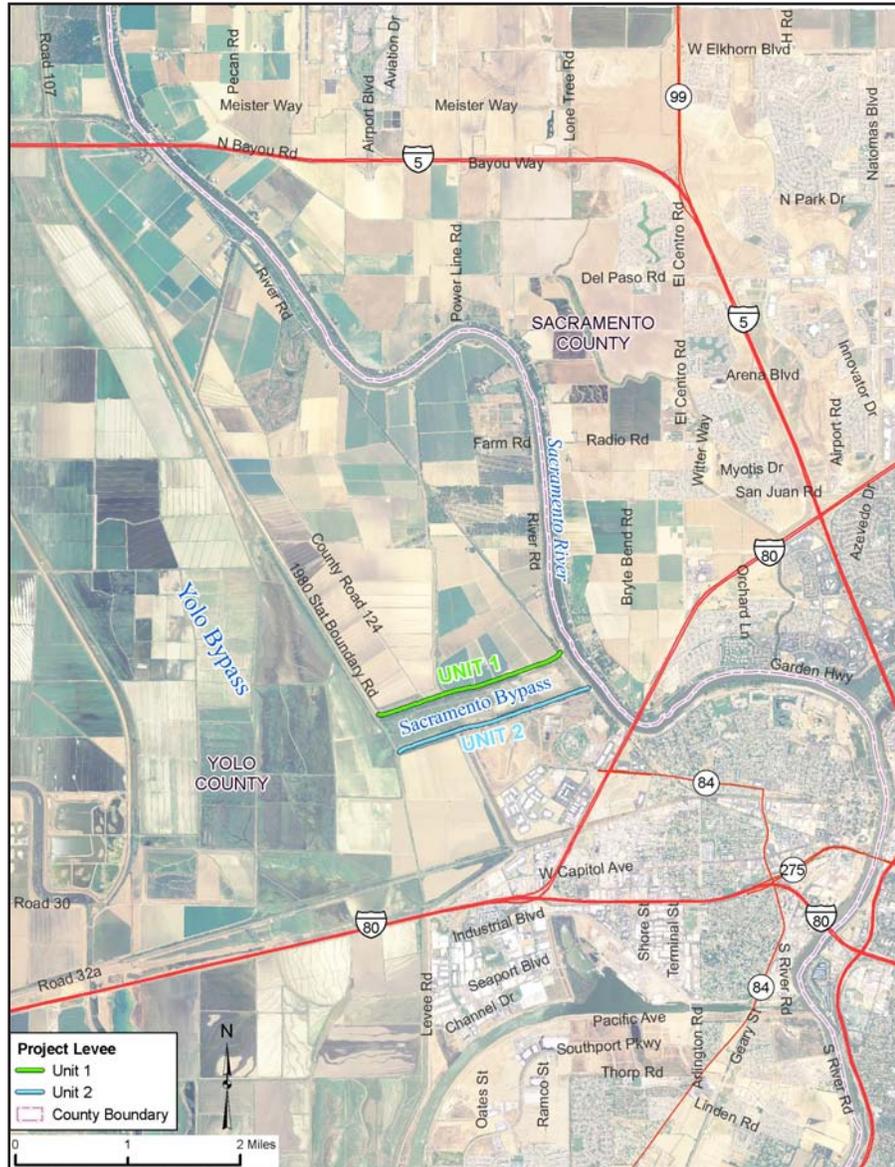
## Contact

Russ Eckman • Utility Craftsworker Superintendent  
1450 River Bank Road • West Sacramento CA 95605  
Phone: (916) 375-6004



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
ST0008	Sacramento Maintenance Yard (Sacramento Bypass)		
	Unit No. 01 Sacramento Bypass or North Levee	RB	1.73
	Unit No. 02 Sacramento Bypass or South Levee	LB	1.78



**USACE Operation and Maintenance Manual Information:**

**Title**

West Levee of Sacramento River from Mile 70.8 to Sacramento Weir and North Levee of Sacramento Bypass & East Levee of Yolo Bypass from Woodland Highway to Sacramento Bypass.

**Unit No.**

Sacramento River 122

**Protection Provided**

The levees provide protection to adjacent agricultural land against flood waters of the Sacramento River, Sacramento Bypass, and Yolo Bypass.

**Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 1.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 2.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

No information provided by the Agency for Part 3.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities for all levee units. Expenses include costs of erosion control, gate maintenance, roadway grading, rodent control, vegetation mowing, planting and spraying. The reported total estimated cost for the fiscal year is \$115,000.

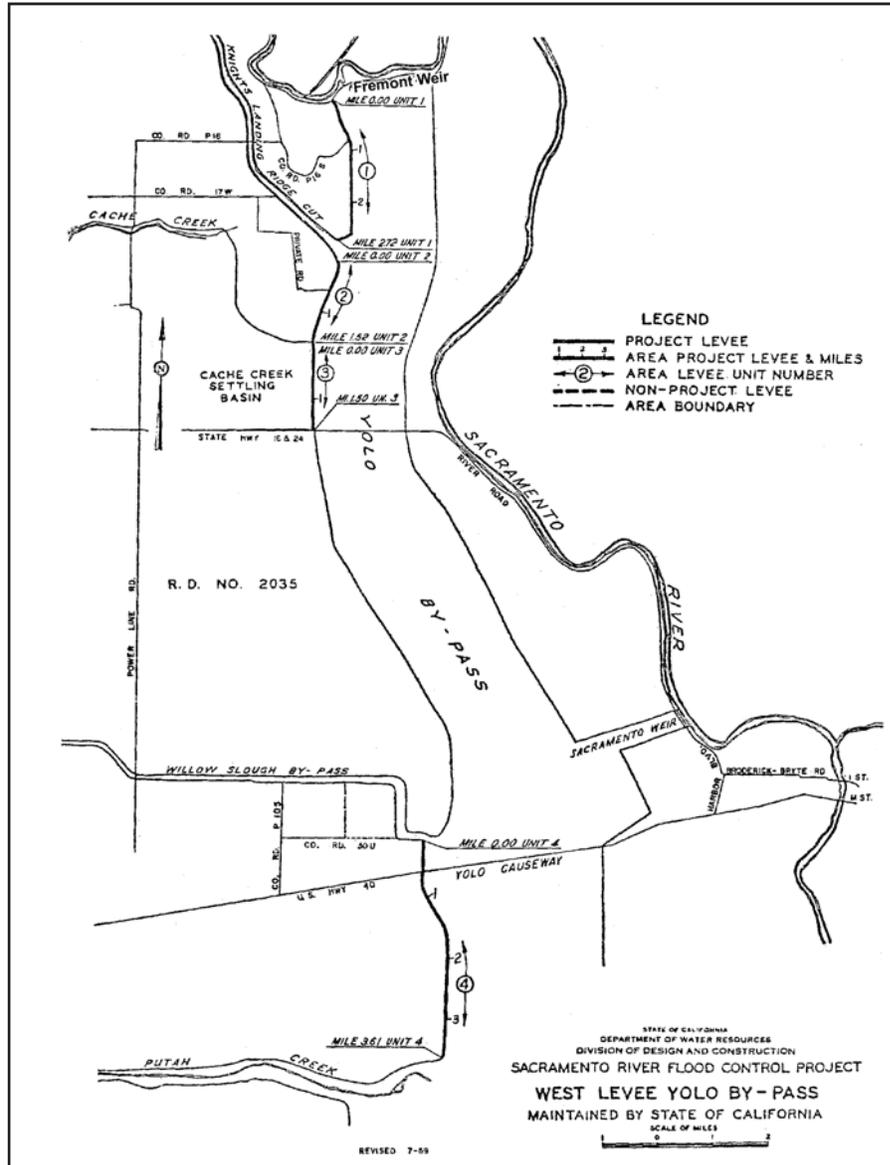
**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

# Sacramento Maintenance Yard (West Levee Yolo Bypass) Yolo County

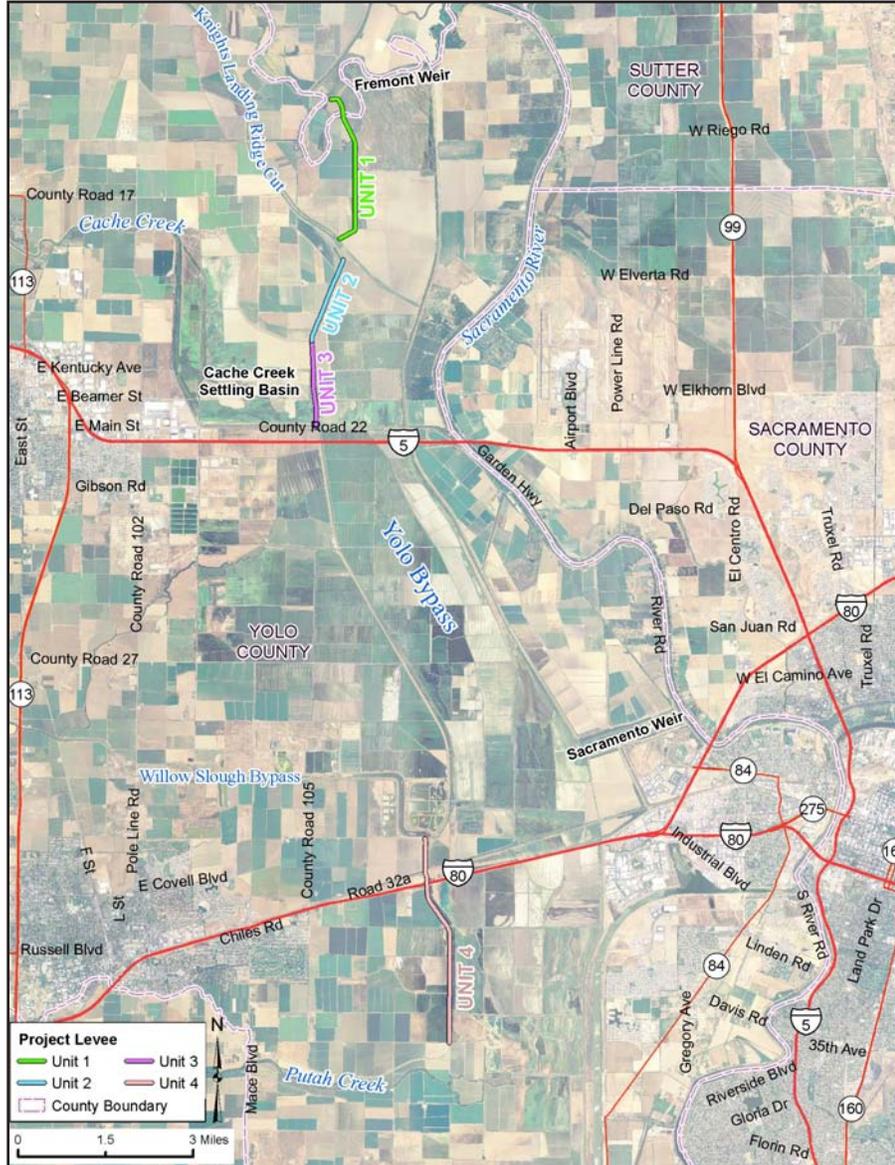
## Contact

Russ Eckman • Utility Craftsworker Superintendent  
1450 River Bank Road • West Sacramento CA 95605  
Phone: (916) 375-6004



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
ST0011	Sacramento Maintenance Yard (West Levee Yolo Bypass)		
	Unit No. 01 West Levee	RB	2.72
	Unit No. 02 West Levee	RB	1.52
	Unit No. 03 West Levee	RB	1.48
	Unit No. 04 West Levee	RB	3.61



**USACE Operation and Maintenance Manual Information:**

**Title**

Putah Creek Channel and Levees and West Levee of Yolo By-Pass from Yolo Causeway Downstream 3.0 Miles

**Unit No.**

Sacramento River 119

**Protection Provided**

Designed to protect adjacent agricultural lands from flood flow of 40,000 cfs in Putah Creek with Yolo Bypass at flood stage, west levee of Yolo Bypass designed to protect adjacent agricultural land from flood flow of 480,000 cfs in Yolo Bypass within unit.

**USACE Operation and Maintenance Manual Information:**

**Title**

Relocated Willow Slough Channel and Levees and West Levee Yolo Bypass from mouth of Relocated Willow Slough to Yolo Causeway.

**Unit No.**

Sacramento River 120

**Protection Provided**

Designed to protect adjacent agricultural lands from flood flow of 6,000 cfs in Relocated Willow Slough with the Bypass at flood stage, west levee of Yolo Bypass designed to protect adjacent agricultural land from flood flow of 480,000 cfs in Yolo Bypass.

**Title**

Levees of Knights Landing Ridge Cut and Sacramento River and Yolo Bypass Levees of Reclamation Districts 730 and 819 and South Levee of Sycamore Slough.

**Unit No.**

Sacramento River 127

**Protection Provided**

Provide protection to adjacent agricultural lands and the town of Knights Landing against flood waters in the Sacramento River system and drainage waters of Knights Landing Ridge Cut.

## Summary of Information Reported in 2010

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 1.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 2.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

No information provided by the Agency for Part 3.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities for all levee units. Expenses include costs of erosion repair, gate maintenance, repair, roadway grading, rodent control, vegetation dragging, mowing, planting, spraying and tree trimming. The reported total estimated cost for the fiscal year is \$227,000.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.



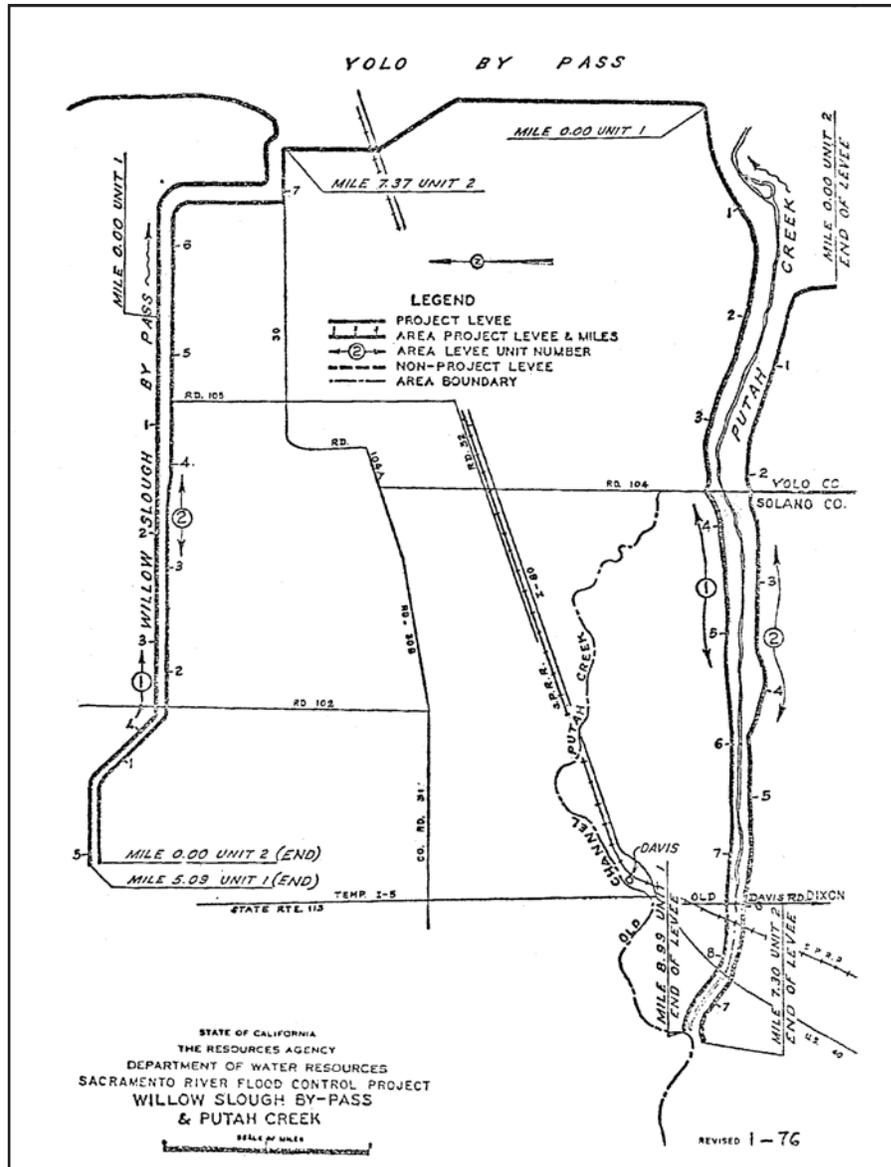
# Sacramento Maintenance Yard (Willow Slough Bypass)

Yolo County

## Contact

Russ Eckman • Utility Craftsworker Superintendent  
1450 River Bank Road • West Sacramento CA 95605  
Phone: (916) 375-6004

Willow



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
ST0012	Sacramento Maintenance Yard (Willow Slough Bypass)		
	Unit No. 02 Willow Slough Bypass or South Levee	RB	7.37
	Unit No. 01 Willow Slough Bypass or North Levee	LB	5.09

Sacramento Maintenance Yard (Willow Slough Bypass)



**USACE Operation and Maintenance Manual Information:**

**Title**

Relocated Willow Slough Channel and Levees and West Levee Yolo Bypass from mouth of Relocated Willow Slough to Yolo Causeway.

**Unit No.**

Sacramento River 120

**Protection Provided**

Designed to protect adjacent agricultural lands from flood flow of 6,000 cfs in Relocated Willow Slough with the Bypass at flood stage, west levee of Yolo Bypass designed to protect adjacent agricultural land from flood flow of 480,000 cfs in Yolo Bypass.

## **Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 1.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 2.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

No information provided by the Agency for Part 3.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities for all levee units. Expenses include costs of erosion repair, gate maintenance, repair, pipe repair, roadway grading, rodent control, vegetation dragging, mowing, planting and spraying. The reported total estimated cost for the fiscal year is \$243,000.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

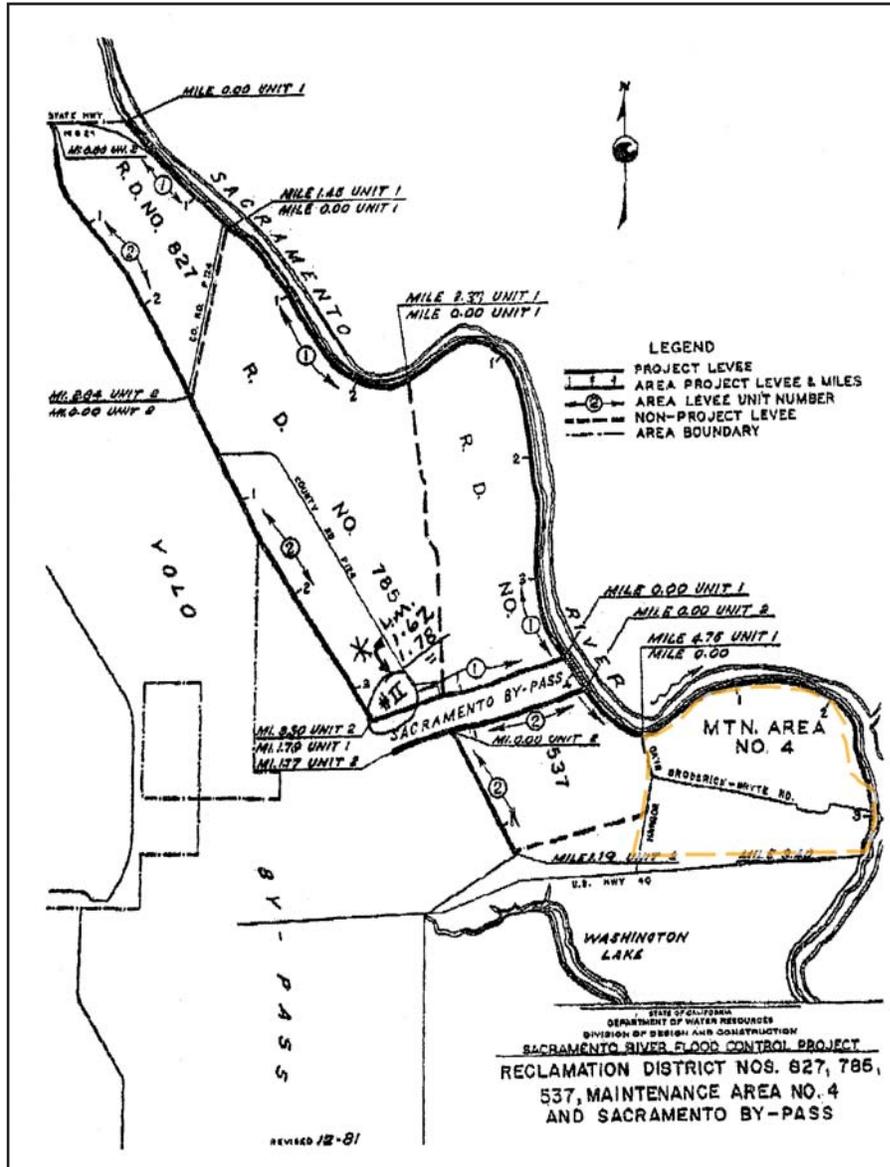
No information provided by the Agency for Part 5.

# Sacramento Maintenance Yard (Maintenance Area 4) Yolo County

## Contact

Russ Eckman • Utility Craftworker Superintendent  
1450 River Bank Road • West Sacramento CA 95605  
Phone: (916) 375-6004

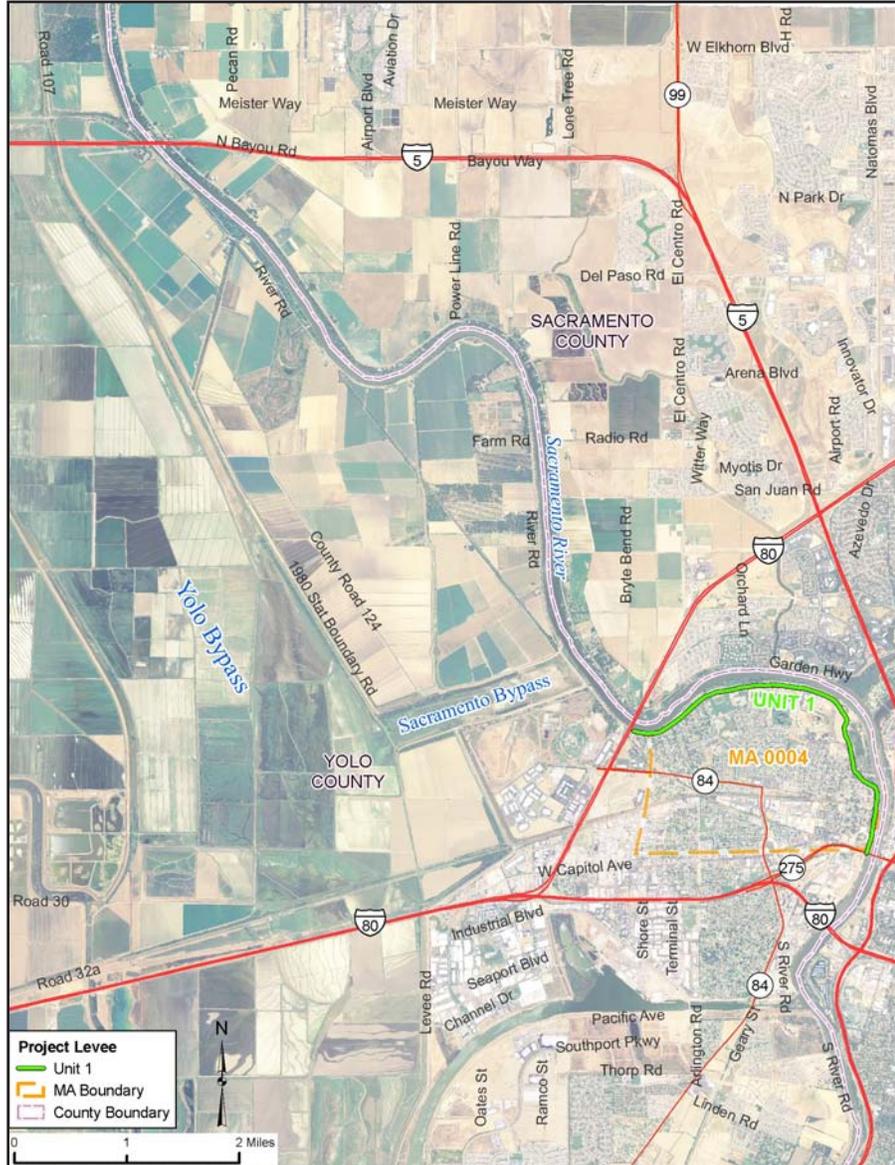
MA 4



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
MA0004	Sacramento Maintenance Yard (Maintenance Area 0004) Unit No. 01 Sacramento River	RB	3.40

Sacramento Maintenance Yard (Maintenance Area 4)



**USACE Operation and Maintenance Manual Information:**

**Title**

West Levee of the Sacramento River, at Brytes Bend, CA.

**Unit No.**

Sacramento River 9

**Protection Provided**

Provides protection against high water of the Sacramento River and its tributaries in this area.

**USACE Operation and Maintenance Manual Information:**

***Title***

West Levee of Sacramento River From Sacramento Weir to Mile 51.20 and South Levee of Sacramento By-Pass and East Levee of Yolo By-Pass from Sacramento By-Pass to South Boundary of Reclamation District 900.

***Unit No.***

Sacramento River 116

***Protection Provided***

The levees of this unit provide direct protection to agricultural lands and the towns of Broderick, Bryte, and West Sacramento against flood waters in the Sacramento River, Sacramento Bypass, and Yolo Bypass.

## **Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 1.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 2.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

No information provided by the Agency for Part 3.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities. Expenses include costs of encroachment control, erosion repair, gate maintenance, rodent control, roadway grading and vegetation mowing. The reported total estimated cost for the fiscal year is \$87,000.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

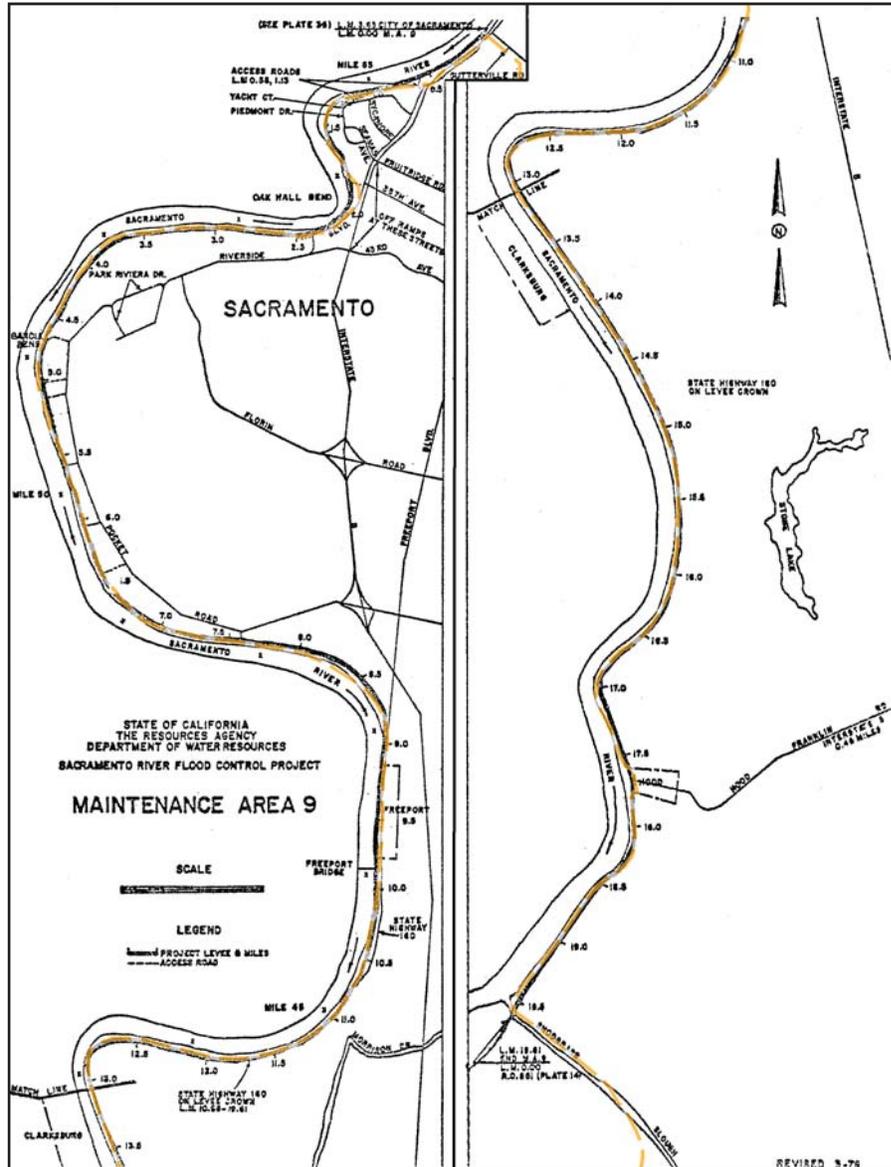


# Sacramento Maintenance Yard (Maintenance Area 9) Sacramento County

## Contact

Russ Eckman • Utility Craftsworker Superintendent  
1450 River Bank Road • West Sacramento CA 95605  
Phone: (916) 375-6004

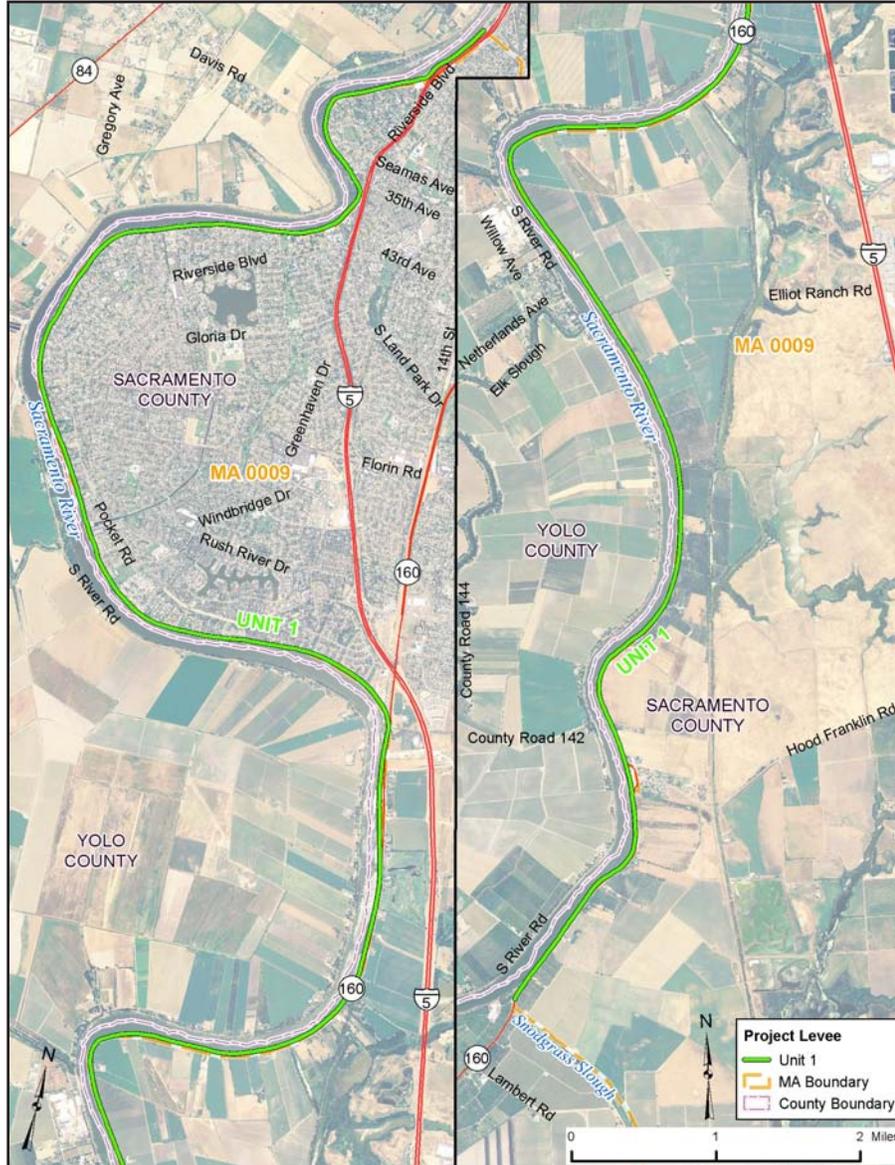
MA 9



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
MA0009	Sacramento Maintenance Yard (Maintenance Area 0009) Unit No. 01 Sacramento River	LB	19.61

Sacramento Maintenance Yard (Maintenance Area 9)



**USACE Operation and Maintenance Manual Information:**

**Title**

East Levee of Sacramento River From Sutterville Road to North Boundary of Reclamation District 744.

**Unit No.**

Sacramento River 115

**Protection Provided**

The levee provides direct protection to the city of Sacramento, adjacent agricultural lands and the town of Freeport against high water in the Sacramento River.

**USACE Operation and Maintenance Manual Information:**

**Title**

East Levee of Sacramento River from Freeport to Walnut Grove.

**Unit No.**

Sacramento River 111

**Protection Provided**

The levee provides direct protection to the towns of Hood, Courtland, Locke, and Walnut Grove, and to the adjacent agricultural lands against floodwaters of the Sacramento River.

**Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported erosion at LM 9.1 and 19.4.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 2.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

No information provided by the Agency for Part 3.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

No information provided by the Agency for Part 4.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

# Sutter Maintenance Yard (East Levee Sutter Bypass)

Sutter County

## Contact

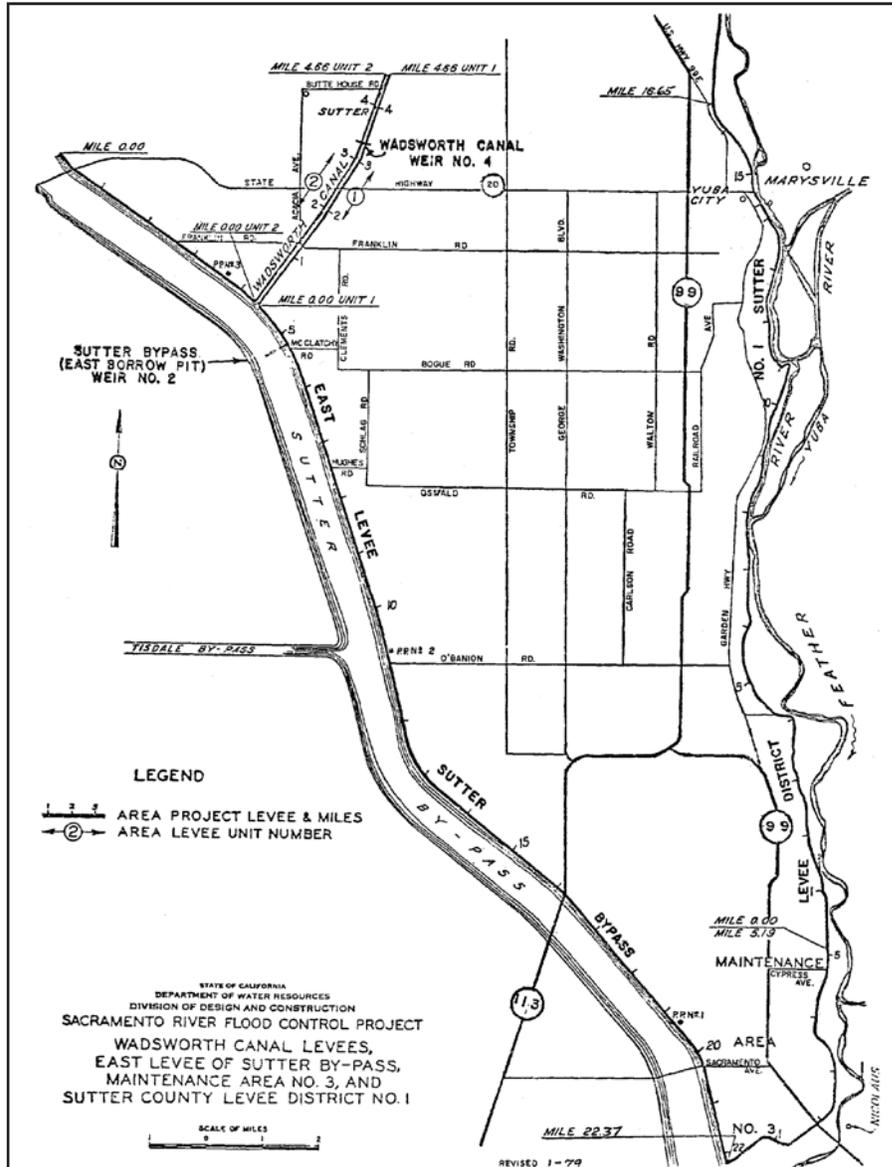
Karen Hull • Utility Craftworker Superintendent

P.O. Box 40 • Sutter CA 95982

Phone: (530) 751-8361

**SACRAMENTO SYSTEM: SUTTER YARD (EAST LEVEE SUTTER BYPASS)**

EL Sutter Bypass

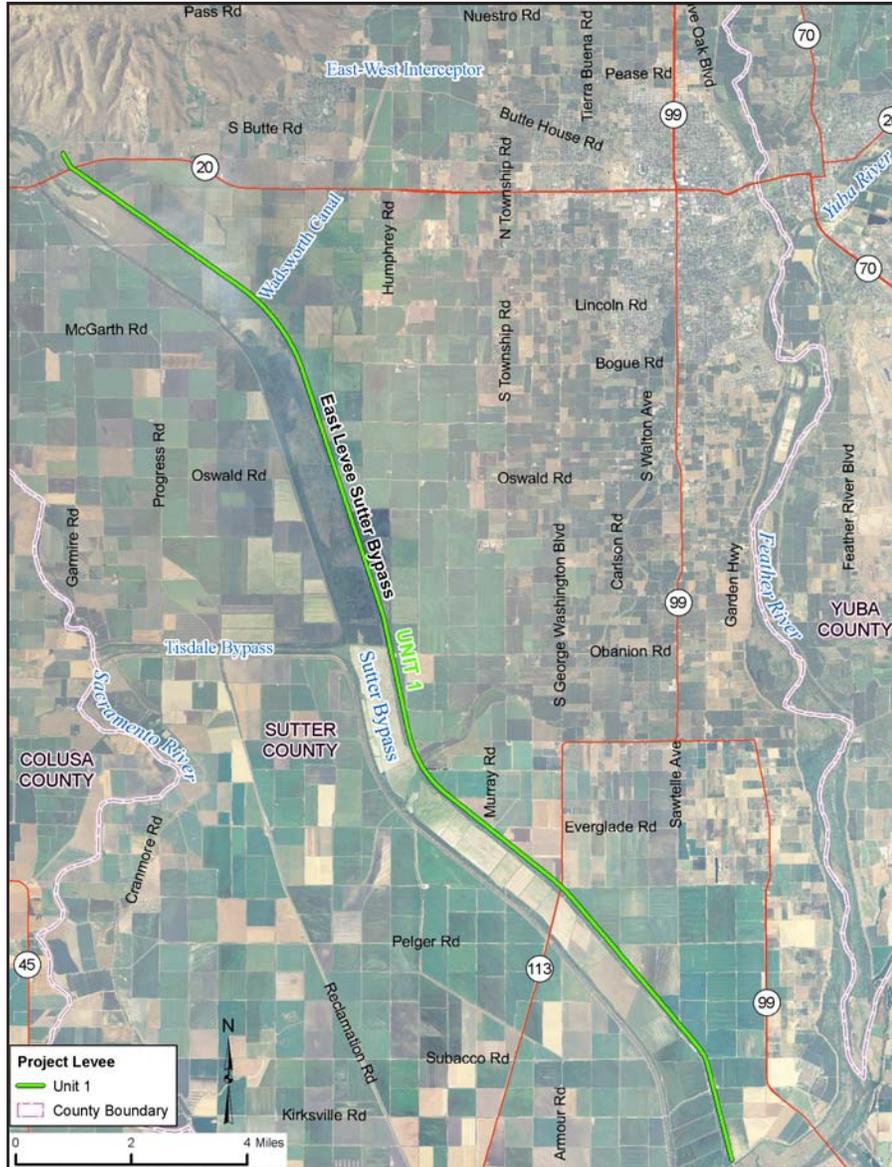


**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
ST0002	Sutter Maintenance Yard (East Levee Sutter Bypass) Unit No. 01 Sutter Bypass Levee	LB	22.12

Sutter Maintenance Yard (East Levee Sutter Bypass)

**SACRAMENTO SYSTEM: SUTTER MAINTENANCE YARD (EAST LEVEE SUTTER BYPASS)**



**EL Sutter Bypass**

**Sutter Maintenance Yard (East Levee Sutter Bypass)**

**USACE Operation and Maintenance Manual Information:**

**Title**

No information available at time of printing.

**Unit No.**

No information available at time of printing.

**Protection Provided**

No information available at time of printing.

## Summary of Information Reported in 2010

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported that the relevant conditions are recorded in the 2010 FPIIB Spring Levee Inspection Reports.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported that the relevant conditions are recorded in the 2010 FPIIB Spring Levee Inspection Reports.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished. Activities include channel mowing, encroachment removal, inspection, minor structure maintenance, patrolling, restoration, roadway maintenance, rodent control, vegetation control, burning, dragging and mowing.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities. Expenses include costs of channel mowing, encroachment removal, inspection, minor structure maintenance, patrolling, restoration, roadway maintenance, rodent control, vegetation control, burning, dragging and mowing. The reported total estimated cost for the fiscal year is \$130,100.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

# **Sutter Maintenance Yard**

## **(East Levee Sacramento River)**

**Colusa County**

### **Contact**

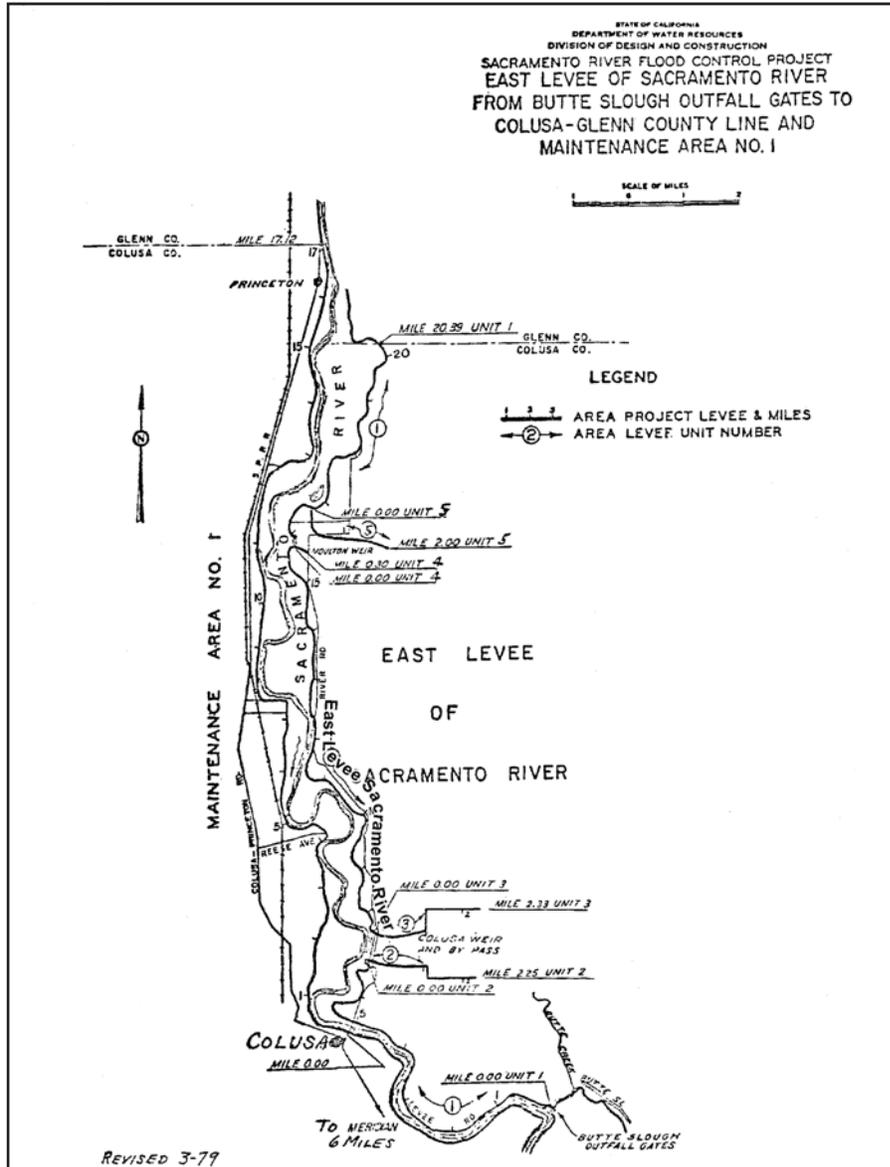
Karen Hull • Utility Craftworker Superintendent

P.O. Box 40 • Sutter CA 95982

Phone: (530) 751-8361

**SACRAMENTO SYSTEM: SUTTER MAINTENANCE YARD (EAST LEVEE SACRAMENTO RIVER)**

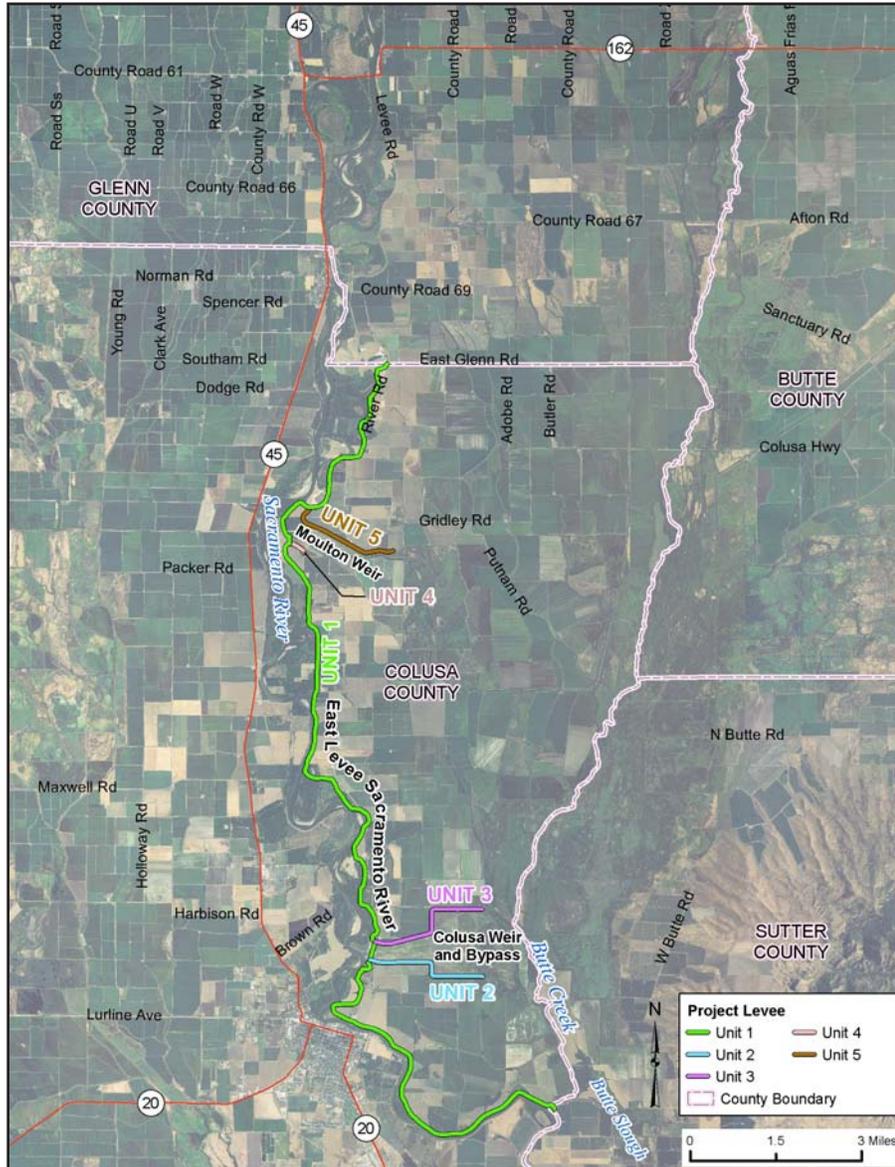
EL Sac



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
ST0003	Sutter Maintenance Yard (East Levee Sacramento River)		
	Unit No. 02 Colusa Bypass	RB	2.20
	Unit No. 03 Colusa Bypass	LB	2.28
	Unit No. 04 Moulton Bypass	RB	0.30
	Unit No. 05 Moulton Bypass	LB	2.00
	Unit No. 01 Sacramento River	LB	20.39

Sutter Maintenance Yard (East Levee Sacramento River)



**USACE Operation and Maintenance Manual Information:**

**Title**

East Levee of Sacramento River from Butte Slough Outfall Gates to the Princeton-Afton Road Mile 138.3 to Mile 164.4.

**Unit No.**

Sacramento River 136

**Protection Provided**

The levee provides protection to agricultural lands that lie easterly from the levee.

**USACE Operation and Maintenance Manual Information:**

**Title**

Moulton Weir and Training Levee, Sacramento River, Ca.

**Unit No.**

Sacramento River 154

**Protection Provided**

Primary function of Moulton Weir is for release of overflow waters of the Sacramento River into Butte Basin at such times when floods exceed the safe carrying capacity of the main channel downstream from the weir. Protection is provided to agricultural land in Butte Basin only during low or intermediate flood stages.

**Title**

Colusa Weir and Training Levees Sacramento River, Ca.

**Unit No.**

Sacramento River 155

**Protection Provided**

Primary function of Colusa Weir and training levees is to provide a means for release of excess overflow waters of the Sacramento River into Butte Basin. The adjoining training levees provide direct protection to adjacent agricultural lands.

**Title**

Colusa Weir Bypass and Sediment Basin Operation and Maintenance Manual.

**Unit No.**

Sacramento River 502

**Protection Provided**

Provides for the distribution of flows at Sacramento River flood stage providing 70,000 cfs through the weir and 65,000 cfs in the river downstream of the weir. Flow over the weir begins when the Sacramento River reaches 27,000 cfs.

## Summary of Information Reported in 2010

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported that the relevant conditions are recorded in the 2010 FPIIB Spring Levee Inspection Reports.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported that the relevant conditions are recorded in the 2010 FPIIB Spring Levee Inspection Reports.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished. Activities include encroachment removal, inspection, minor structure maintenance, restoration, roadway maintenance, rodent control, vegetation control, burning, dragging and mowing.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities. Expenses include costs of encroachment removal, inspection, minor structure maintenance, restoration, roadway maintenance, rodent control, vegetation control, burning, dragging and mowing. The reported total estimated cost for the fiscal year is \$30,000.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.



# Sutter Maintenance Yard (East-West Interceptor) Sutter County

## Contact

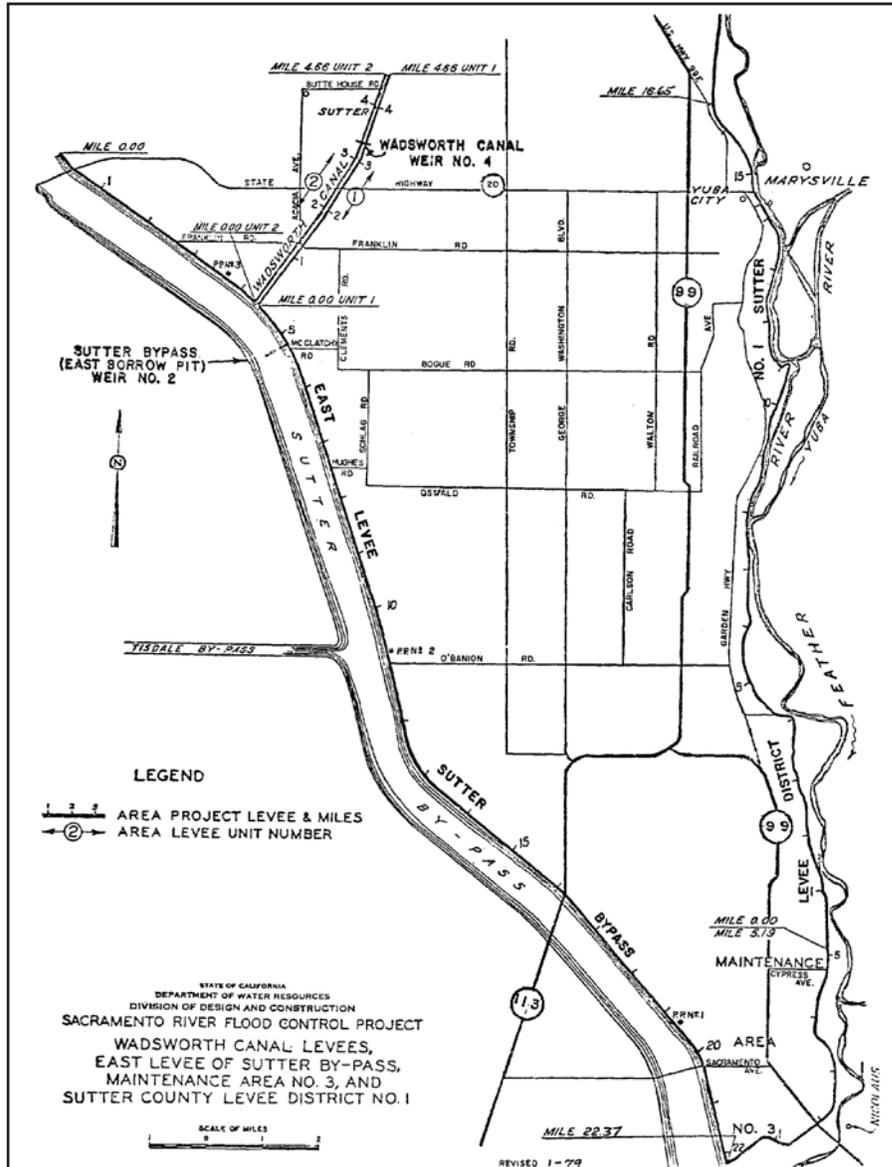
Karen Hull • Utility Craftworker Superintendent

P.O. Box 40 • Sutter CA 95982

Phone: (530) 751-8361

**SACRAMENTO SYSTEM: SUTTER MAINTENANCE YARD (EAST-WEST INTERCEPTOR)**

E-W  
Interceptor

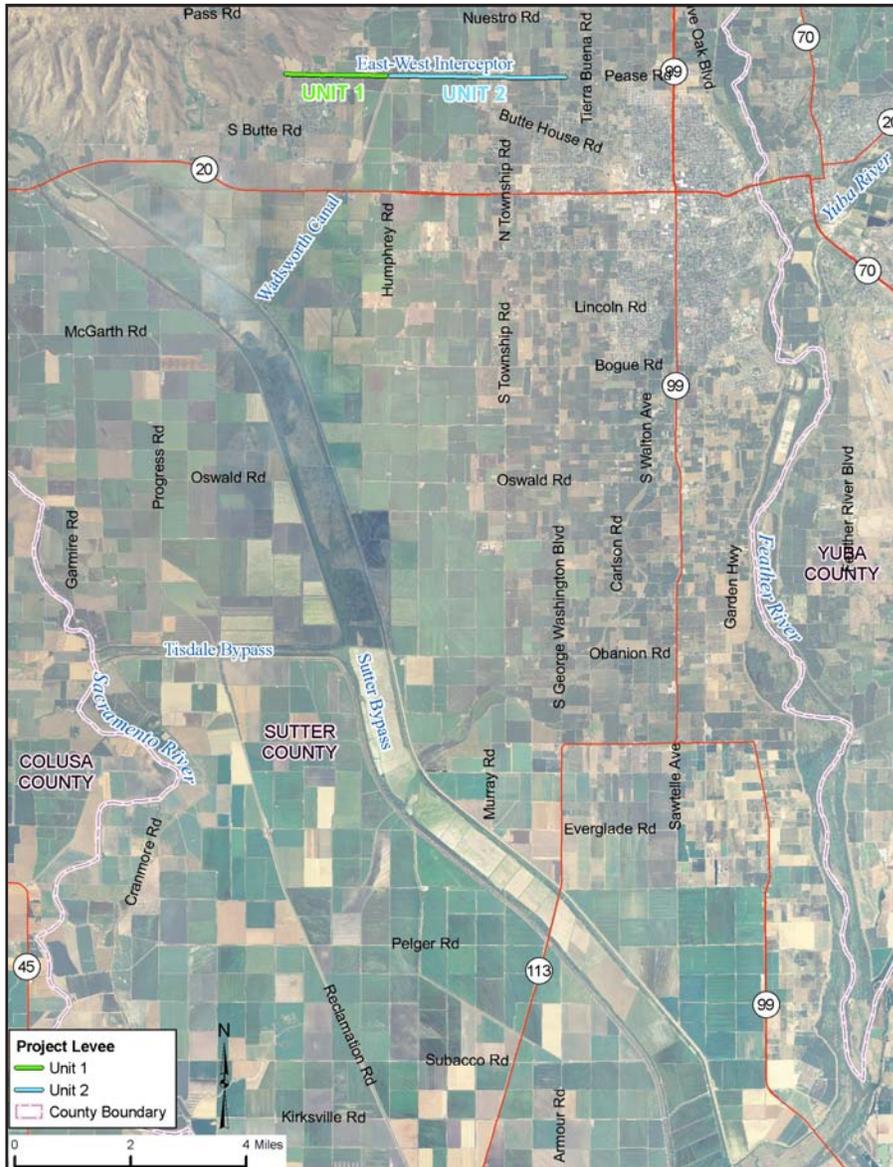


**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
NA0020	Sutter Maintenance Yard (East-West Interceptor)		
	Unit No. 01 West Levee	RB	1.75
	Unit No. 02 East Levee	LB	3.01

Sutter Maintenance Yard (East-West Interceptor)

# SACRAMENTO SYSTEM: SUTTER MAINTENANCE YARD (EAST-WEST INTERCEPTOR)



E-W Interceptor

Sutter Maintenance Yard (East-West Interceptor)

## USACE Operation and Maintenance Manual Information:

### Title

No information available at time of printing.

### Unit No.

No information available at time of printing.

### Protection Provided

No information available at time of printing.

## **Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported that the relevant conditions are recorded in the 2010 FPIIB Spring Levee Inspection Reports.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported that the relevant conditions are recorded in the 2010 FPIIB Spring Levee Inspection Reports.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished for all levee units. Activities include encroachment removal, inspection, minor structure maintenance, patrolling, restoration, roadway maintenance, rodent control, vegetation control and burning.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities for all levee units. Expenses include costs of minor structure maintenance, rodent control and vegetation control. The reported total estimated cost for the fiscal year is \$25,000.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

# Sutter Maintenance Yard (Hamilton Bend) Butte County

## Contact

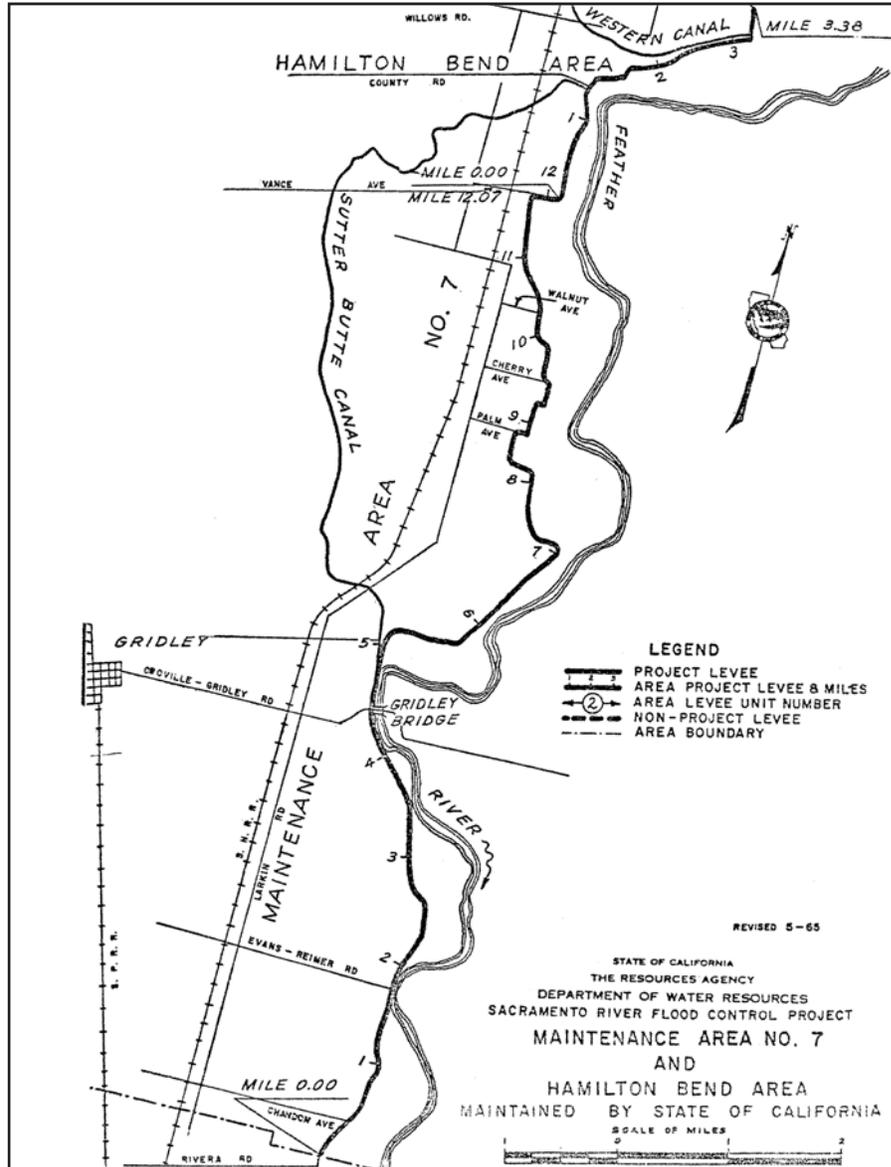
Karen Hull • Utility Craftworker Superintendent

P.O. Box 40 • Sutter CA 95982

Phone: (530) 751-8361

**SACRAMENTO SYSTEM: SUTTER MAINTENANCE YARD (HAMILTON BEND)**

Hamilton Bend



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
ST0005	Sutter Maintenance Yard (Hamilton Bend) Unit No. 01 Feather River Hamilton Bend	RB	3.22

Sutter Maintenance Yard (Hamilton Bend)

## SACRAMENTO SYSTEM: SUTTER MAINTENANCE YARD (HAMILTON BEND)



Hamilton Bend

### USACE Operation and Maintenance Manual Information:

#### **Title**

West Levee of the Feather River, opposite Rio Bonito station upstream 3.50 miles.

#### **Unit No.**

Sacramento River 13

#### **Protection Provided**

Provides direct protection against high water of the Feather River and its tributaries in this area.

Sutter Maintenance Yard (Hamilton Bend)

**Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported that the relevant conditions are recorded in the 2010 FPIIB Spring Levee Inspection Reports.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported that the relevant conditions are recorded in the 2010 FPIIB Spring Levee Inspection Reports.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished. Activities include roadway maintenance and vegetation control.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities. Expenses include costs of roadway maintenance and vegetation control. The reported total estimated cost for the fiscal year is \$23,000.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

# Sutter Maintenance Yard (Nelson Bend) Sutter County

## Contact

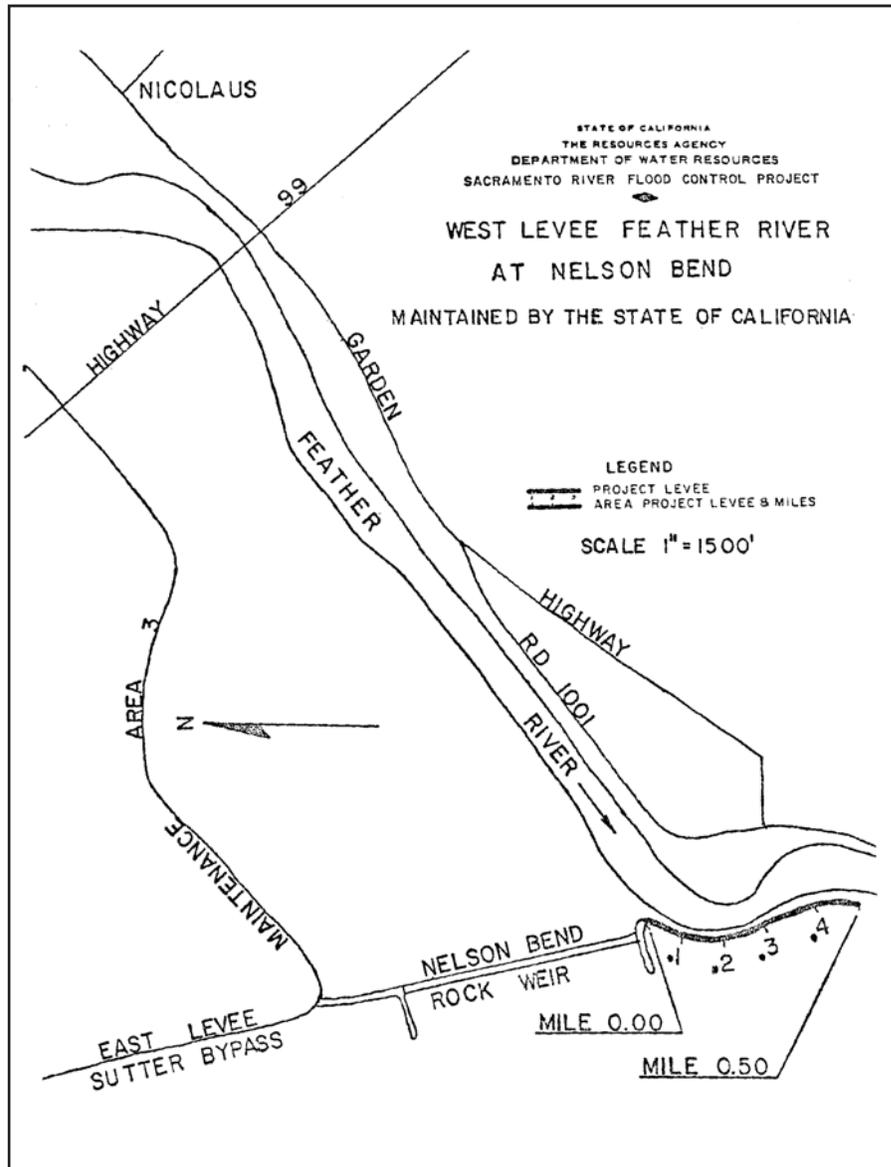
Karen Hull • Utility Craftworker Superintendent

P.O. Box 40 • Sutter CA 95982

Phone: (530) 751-8361

**SACRAMENTO SYSTEM: SUTTER MAINTENANCE YARD (NELSON BEND)**

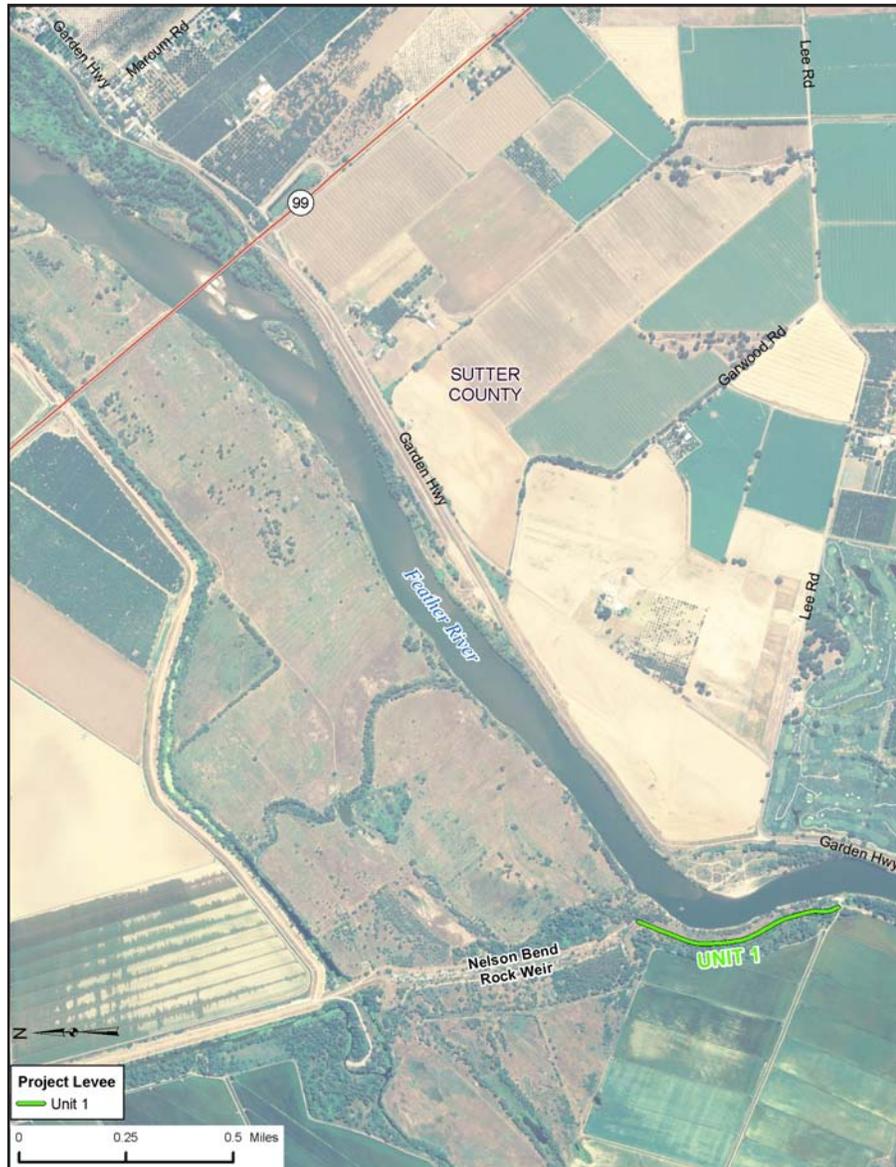
Nelson Bend



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
ST0006	Sutter Maintenance Yard (Nelson Bend) Unit No. 01 Feather River West Levee-Nelson Bend		0.50

Sutter Maintenance Yard (Nelson Bend)



Nelson Bend

**USACE Operation and Maintenance Manual Information:**

**Title**

No information available at time of printing.

**Unit No.**

No information available at time of printing.

**Protection Provided**

No information available at time of printing.

Sutter Maintenance Yard (Nelson Bend)

**Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported that the relevant conditions are recorded in the 2010 FPIIB Spring Levee Inspection Reports.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported that the relevant conditions are recorded in the 2010 FPIIB Spring Levee Inspection Reports.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished. Activities include vegetation control.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities. Expenses include costs of vegetation control. The reported total estimated cost for the fiscal year is \$20,000.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

# Sutter Maintenance Yard (Tisdale Bypass)

Sutter County

## Contact

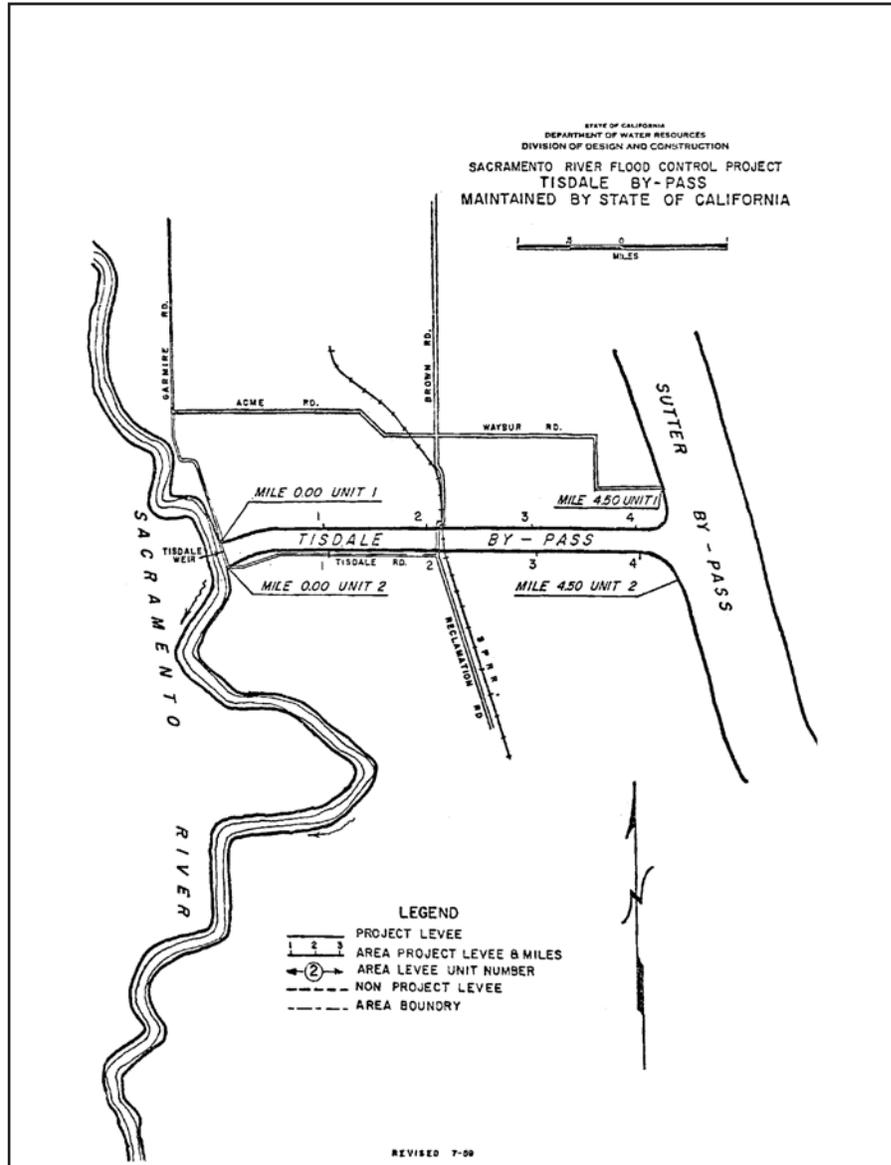
Karen Hull • Utility Craftworker Superintendent

P.O. Box 40 • Sutter CA 95982

Phone: (530) 751-8361

**SACRAMENTO SYSTEM: SUTTER MAINTENANCE YARD (TISDALE BYPASS)**

Tisdale



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
ST0009	Sutter Maintenance Yard (Tisdale Bypass)		
	Unit No. 01 Tisdale Bypass	LB	4.50
	Unit No. 02 Tisdale Bypass	RB	4.43

Sutter Maintenance Yard (Tisdale Bypass)

## SACRAMENTO SYSTEM: SUTTER MAINTENANCE YARD (TISDALE BYPASS)



Tisdale

### USACE Operation and Maintenance Manual Information:

#### **Title**

Tisdale Weir and Bypass, Sacramento River, CA.

#### **Unit No.**

Sacramento River 156

#### **Protection Provided**

Provides a means for release of excess overflow waters of the Sacramento River into Sutter Bypass. The adjoining levees provide direct protection to adjacent agricultural lands.

**USACE Operation and Maintenance Manual Information:**

***Title***

South Levee of Tisdale Bypass from the East Levee Sacramento River to the West Levee of Sutter Bypass and West Levee Sutter Bypass Downstream to East Levee of Sacramento River.

***Unit No.***

Sacramento River 129

***Protection Provided***

Provide protection to adjacent agricultural lands against high water in the Sutter Bypass and Tisdale Bypass.

**Tisdale**

**Summary of Information Reported in 2010****Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported that the relevant conditions are recorded in the 2010 FPIIB Spring Levee Inspection Reports.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported that the relevant conditions are recorded in the 2010 FPIIB Spring Levee Inspection Reports.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished for all levee units. Activities include encroachment removal, inspection, minor structure maintenance, patrolling, restoration, roadway maintenance, rodent control, vegetation control, burning, dragging and mowing.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities for all levee units. Expenses include costs of inspection, minor structure maintenance, patrolling, restoration, roadway maintenance, rodent control, vegetation control and mowing. The reported total estimated cost for the fiscal year is \$126,000.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.



# Sutter Maintenance Yard (Wadsworth Canal) Sutter County

## Contact

Karen Hull • Utility Craftworker Superintendent

P.O. Box 40 • Sutter CA 95982

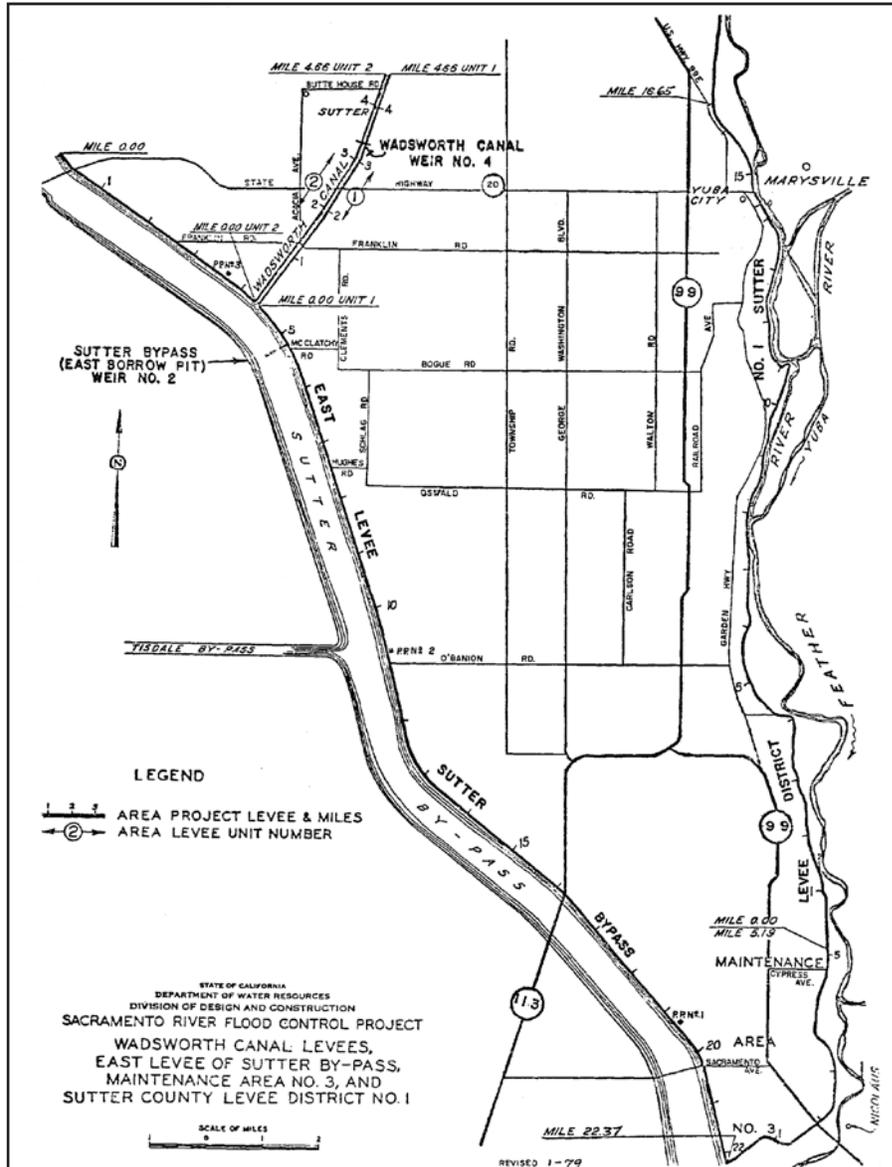
Phone: (530) 751-8361

Wadsworth

Sutter Maintenance Yard (Wadsworth Canal)

**SACRAMENTO SYSTEM: SUTTER MAINTENANCE YARD (WADSWORTH CANAL)**

Wadsworth

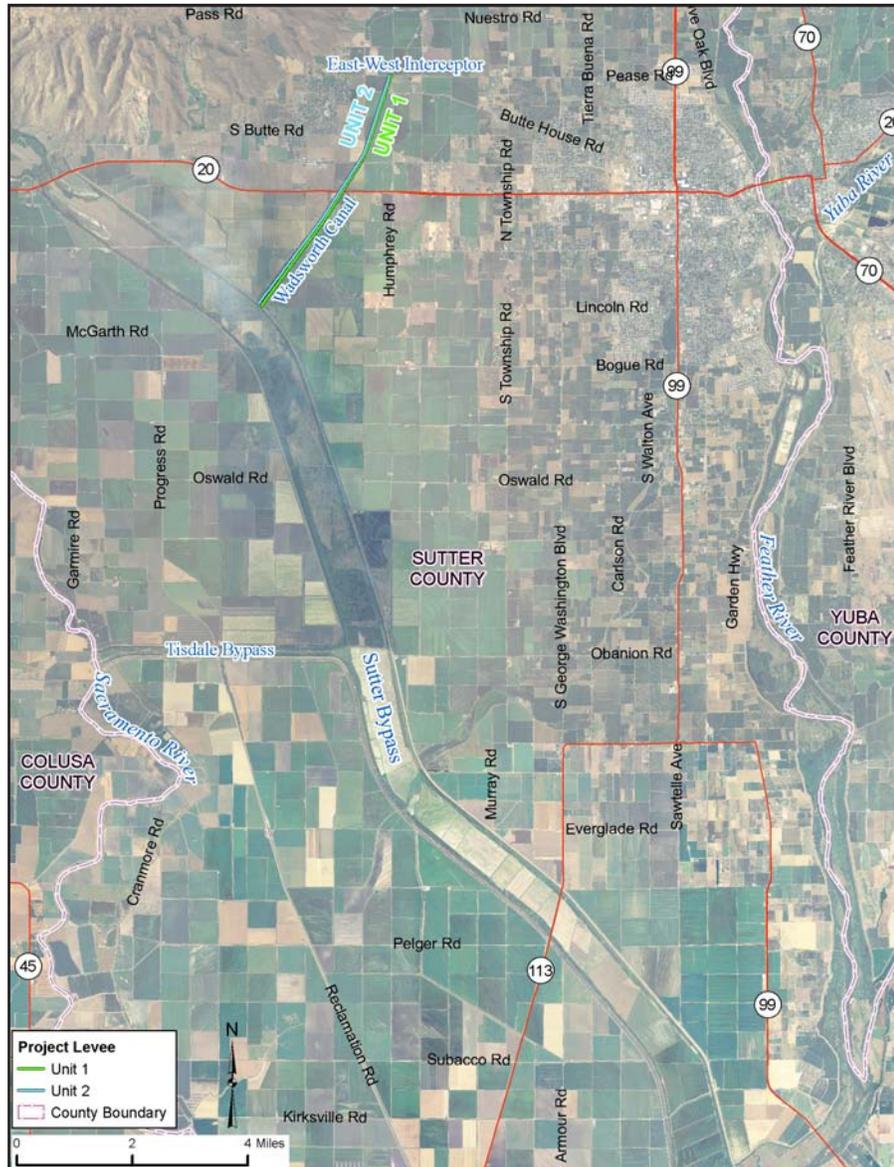


**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
ST0010	Sutter Maintenance Yard (Wadsworth Canal)		
	Unit No. 01 Wadsworth Canal	LB	4.66
	Unit No. 02 Wadsworth Canal	RB	4.66

Sutter Maintenance Yard (Wadsworth Canal)

## SACRAMENTO SYSTEM: SUTTER MAINTENANCE YARD (WADSWORTH CANAL)



Wadsworth

### USACE Operation and Maintenance Manual Information:

#### **Title**

No information available at time of printing.

#### **Unit No.**

No information available at time of printing.

#### **Protection Provided**

No information available at time of printing.

Sutter Maintenance Yard (Wadsworth Canal)

## Summary of Information Reported in 2010

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported that the relevant conditions are recorded in the 2010 FPIIB Spring Levee Inspection Reports.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported that the relevant conditions are recorded in the 2010 FPIIB Spring Levee Inspection Reports.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished for all levee units. Activities include encroachment removal, erosion repair, inspection, minor structure maintenance, patrolling, restoration, roadway maintenance, rodent control, seepage ditch maintenance, vegetation control, burning, dragging and mowing.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities for all levee units. Expenses include costs of minor structure maintenance, restoration, roadway maintenance, rodent control, vegetation control, burning, dragging and mowing. The reported total estimated cost for the fiscal year is \$105,500.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

# Sutter Maintenance Yard (Maintenance Area 1) Colusa County

MA 1

## Contact

Karen Hull • Utility Craftworker Superintendent

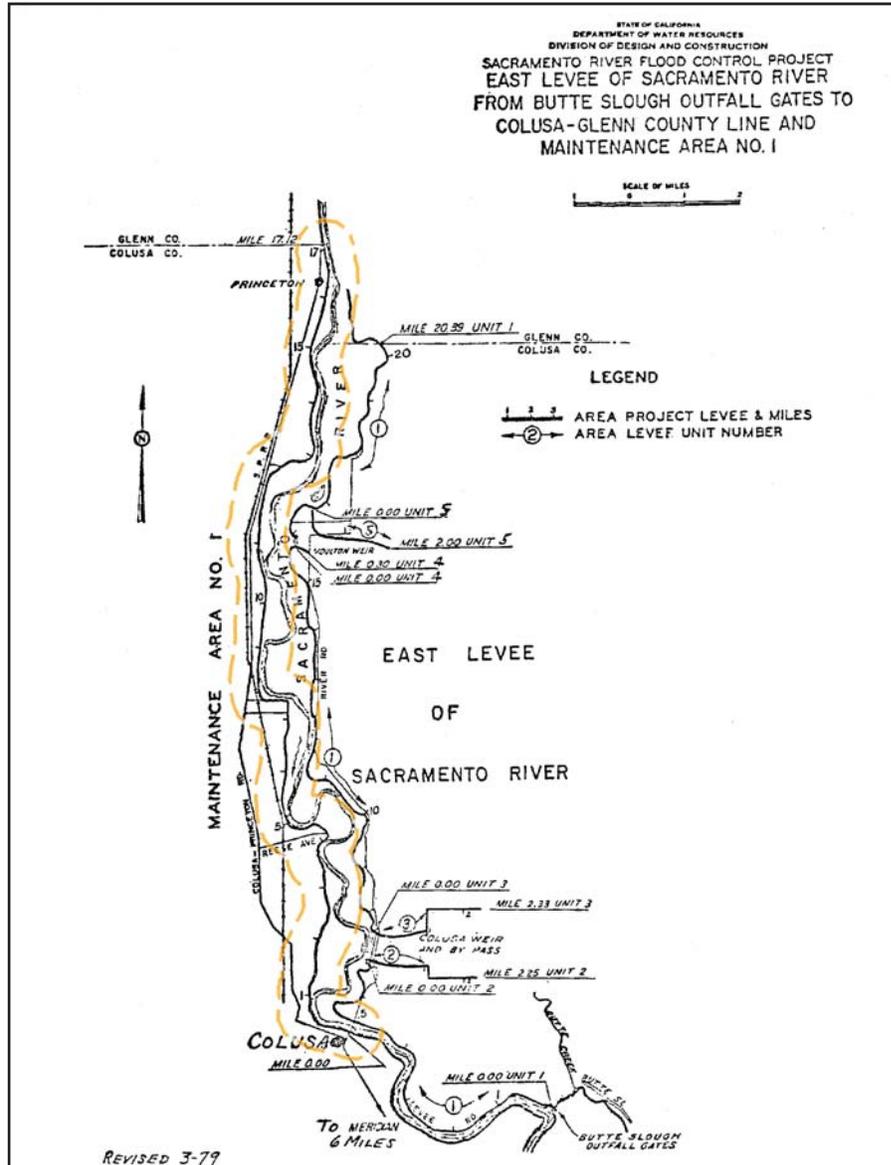
P.O. Box 40 • Sutter CA 95982

Phone: (530) 751-8361

Sutter Maintenance Yard (Maintenance Area 1)

**SACRAMENTO SYSTEM: SUTTER MAINTENANCE YARD (MAINTENANCE AREA 1)**

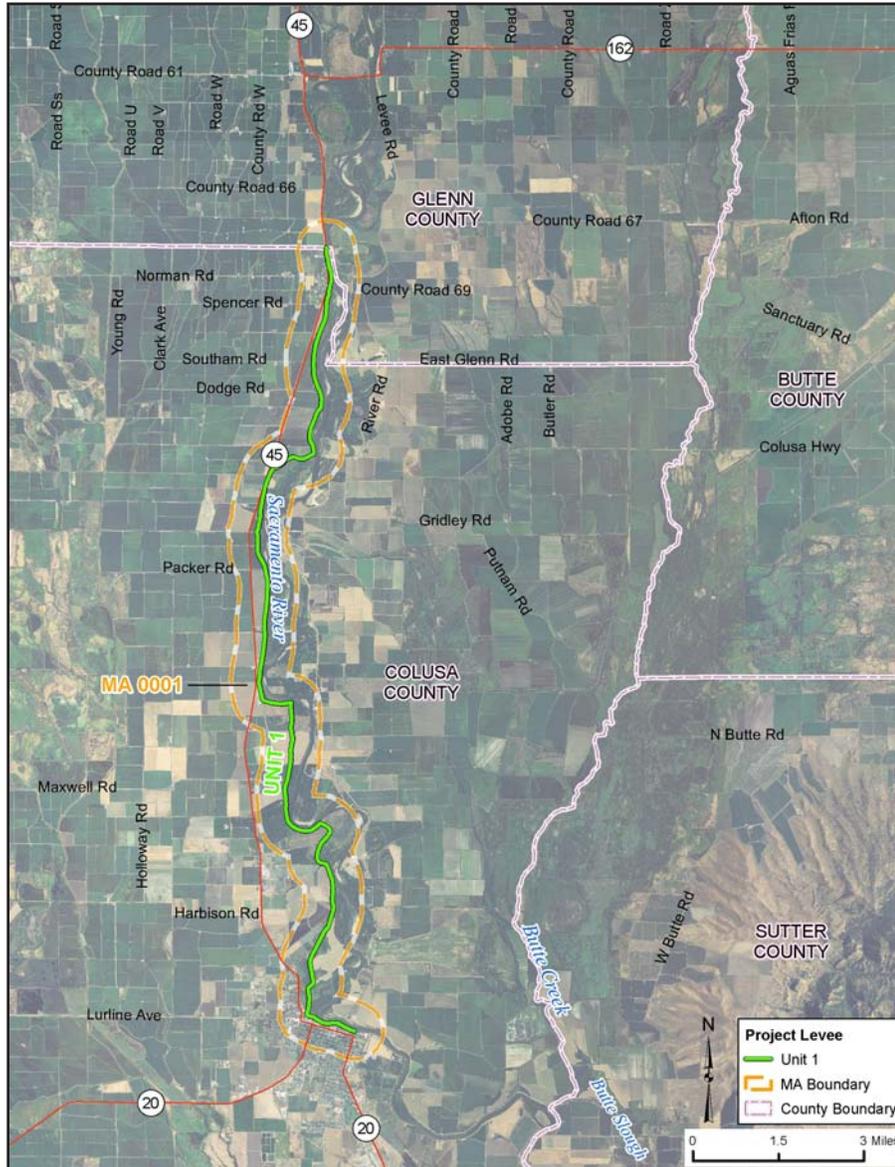
MA 1



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
MA0001	Sutter Maintenance Yard (Maintenance Area 0001) Unit No. 01 Sacramento River	RB	17.12

Sutter Maintenance Yard (Maintenance Area 1)



**MA 1**

**USACE Operation and Maintenance Manual Information:**

**Title**

West Levee of Sacramento River from north end of Princeton Warehouse to Colusa Bridge.

**Unit No.**

Sacramento River 137

**Protection Provided**

The levee of Unit No. 137 provides direct protection to the towns of Princeton and Colusa and adjacent agricultural land against flood waters of the Sacramento River and is an essential feature of the Sacramento River Flood-Control Project.

Sutter Maintenance Yard (Maintenance Area 1)

## Summary of Information Reported in 2010

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported that the relevant conditions are recorded in the 2010 FPIIB Spring Levee Inspection Reports.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported that the relevant conditions are recorded in the 2010 FPIIB Spring Levee Inspection Reports.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished. Activities include encroachment removal, inspection, minor structure maintenance, patrolling, restoration, roadway maintenance, rodent control, vegetation control, burning, dragging and mowing.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities. Expenses include costs of encroachment removal, inspection, minor structure maintenance, patrolling, restoration, roadway maintenance, rodent control, vegetation control, burning, dragging and mowing. The reported total estimated cost for the fiscal year is \$206,500.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

# **Sutter Maintenance Yard** **(Maintenance Area 3)** **Sutter County**

## **Contact**

Karen Hull • Utility Craftworker Superintendent

P.O. Box 40 • Sutter CA 95982

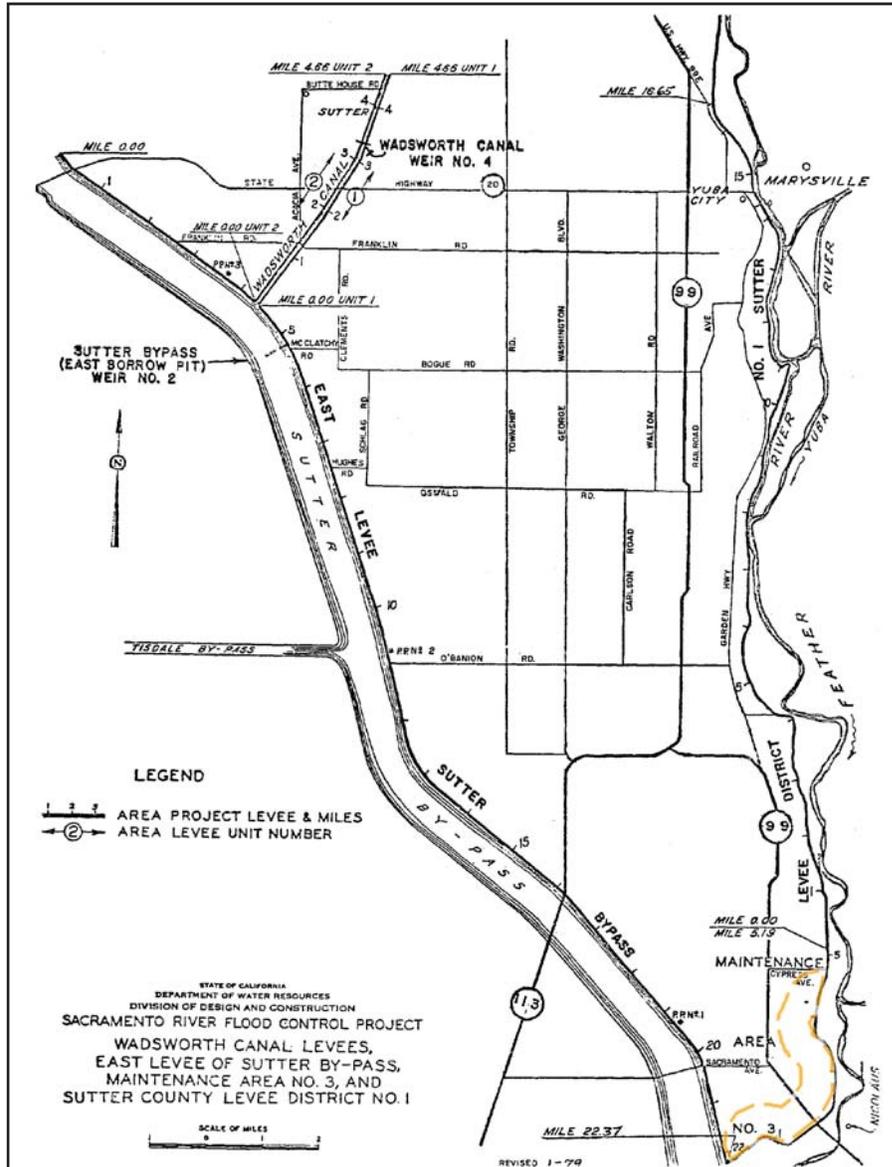
Phone: (530) 751-8361

MA 3

Sutter Maintenance Yard (Maintenance Area 3)

**SACRAMENTO SYSTEM: SUTTER MAINTENANCE YARD (MAINTENANCE AREA 3)**

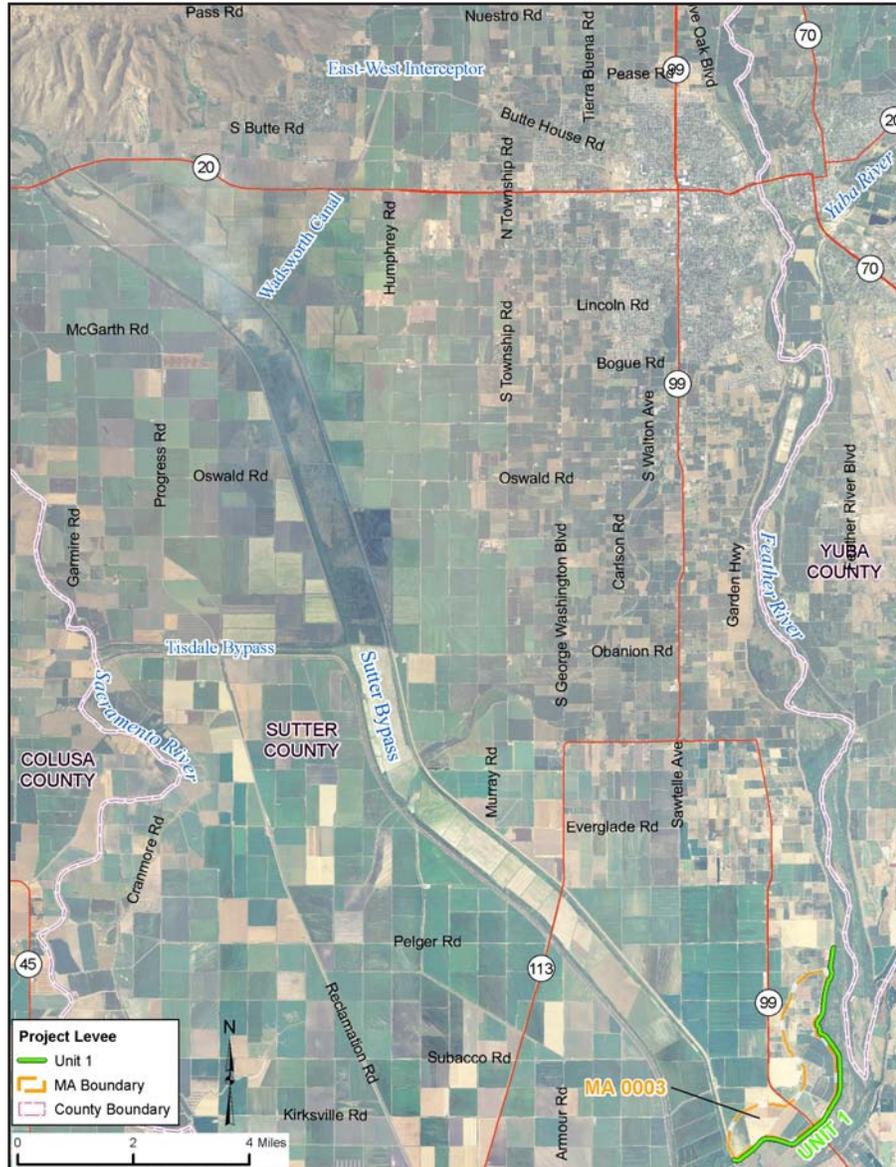
MA 3



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
MA0003	Sutter Maintenance Yard (Maintenance Area 0003) Unit No. 01 Feather River	RB	5.19

Sutter Maintenance Yard (Maintenance Area 3)



**MA 3**

**USACE Operation and Maintenance Manual Information:**

**Title**

Supplement To Standard Operation and Maintenance Manual, Sacramento River Flood Control Project No. 143, West Levee of Feather River From North Boundary of Reclamation District 823 to East Levee of Sutter By-Pass.

**Unit No.**

Sacramento River 143

**Protection Provided**

Provides protection to adjacent agricultural lands against flood waters of the Feather River.

Sutter Maintenance Yard (Maintenance Area 3)

## **Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported that the relevant conditions are recorded in the 2010 FPIIB Spring Levee Inspection Reports.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported that the relevant conditions are recorded in the 2010 FPIIB Spring Levee Inspection Reports.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished. Activities include encroachment removal, inspection, minor structure maintenance, patrolling, restoration, roadway maintenance, rodent control, vegetation control, burning, dragging and mowing.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities. Expenses include costs of encroachment removal, inspection, minor structure maintenance, patrolling, restoration, roadway maintenance, rodent control, vegetation control, burning, dragging and mowing. The reported total estimated cost for the fiscal year is \$54,000.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

# Sutter Maintenance Yard (Maintenance Area 5)

Glenn County  
Butte County

## Contact

Karen Hull • Utility Craftworker Superintendent

P.O. Box 40 • Sutter CA 95982

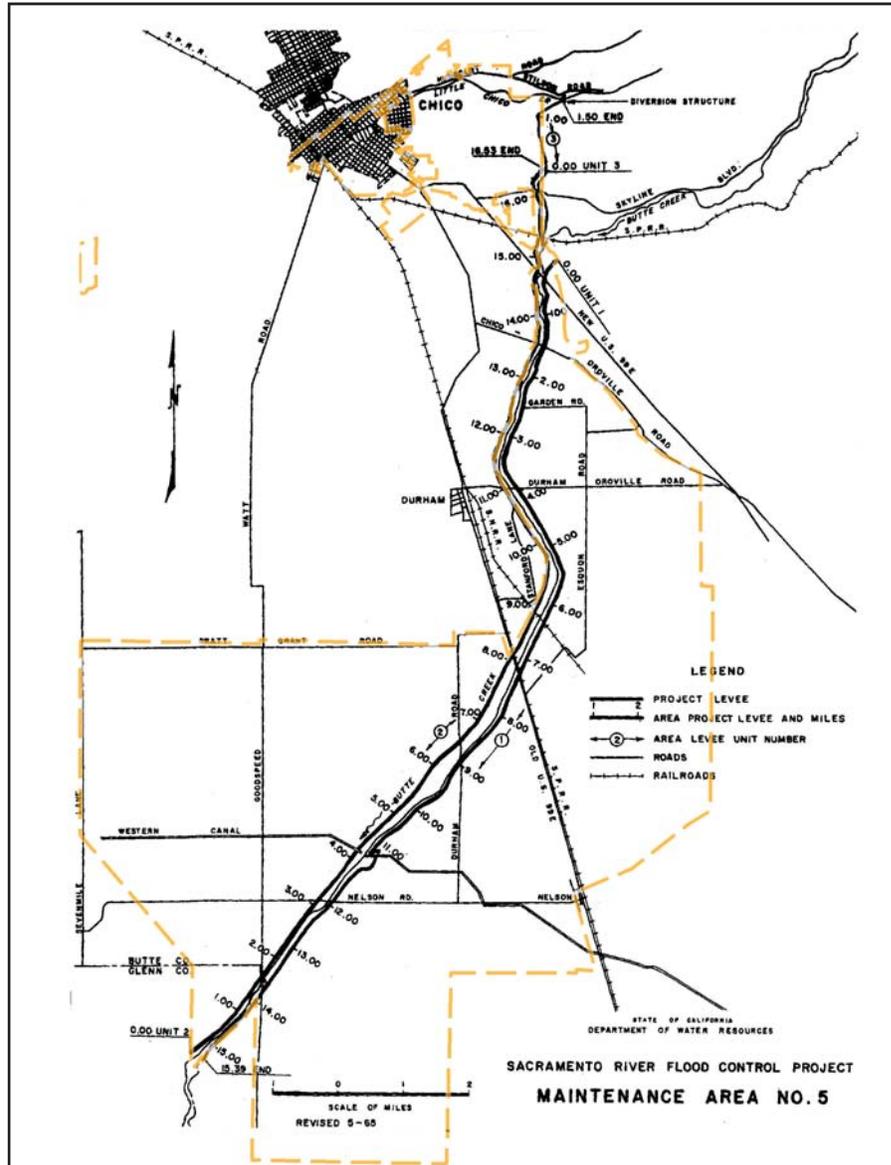
Phone: (530) 751-8361

MA 5

Sutter Maintenance Yard (Maintenance Area 5)

**SACRAMENTO SYSTEM: SUTTER MAINTENANCE YARD (MAINTENANCE AREA 5)**

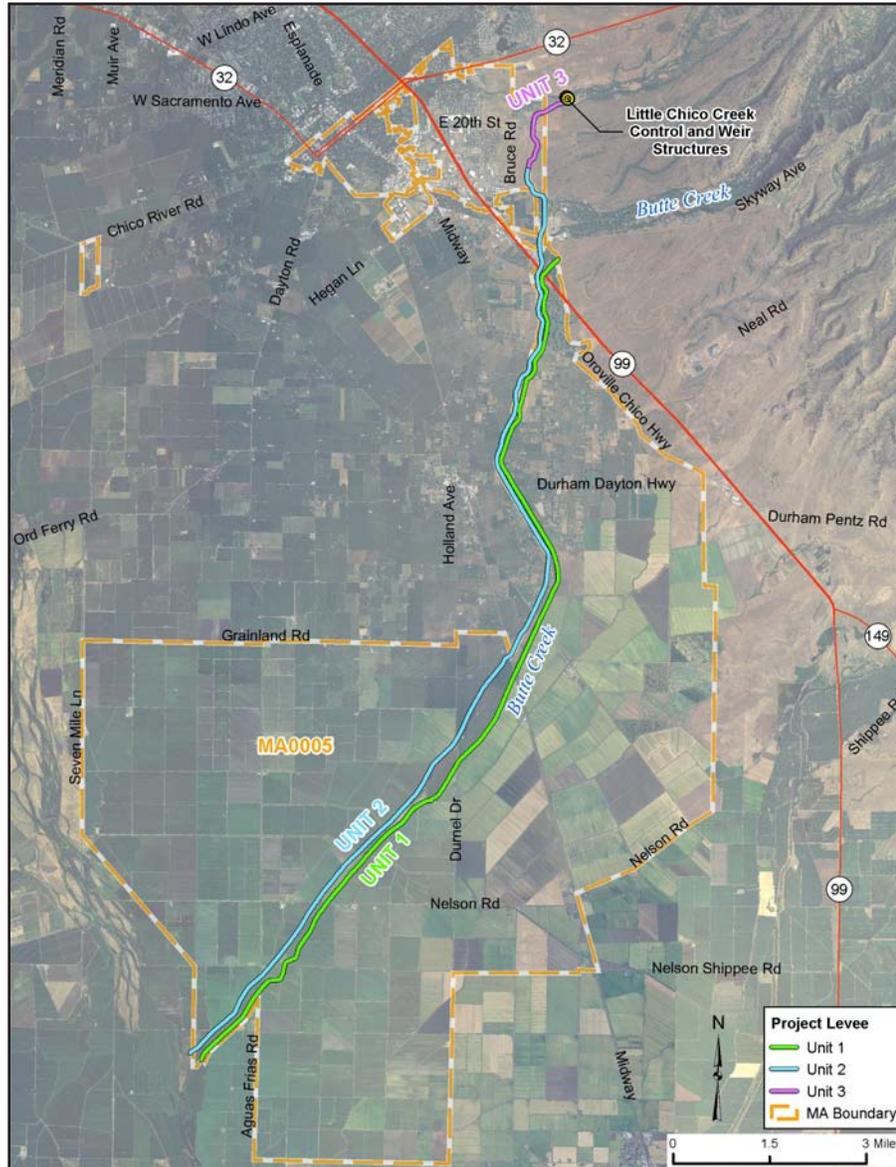
MA 5



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
MA0005	Sutter Maintenance Yard (Maintenance Area 0005)		
	Unit No. 01 Butte Creek 1	LB	15.29
	Unit No. 02 Butte Creek 1	RB	16.53
	Unit No. 03 Little Chico Creek Diversion 1	LB	1.50

Sutter Maintenance Yard (Maintenance Area 5)



**MA 5**

**USACE Operation and Maintenance Manual Information:**

**Title**

Upper Butte Creek – Part No. 1 from Highway 99E Downstream 8.7 Miles.

**Unit No.**

Sacramento River 515

**Protection Provided**

The project work was designed to protect the town of Durham and adjacent agricultural lands from flood overflow.

Sutter Maintenance Yard (Maintenance Area 5)

**USACE Operation and Maintenance Manual Information:**

***Title***

Upper Butte Creek – Part No. 2 from Little Chico Creek Diversion Structure Downstream 9.3 Miles.

***Unit No.***

Sacramento River 516

***Protection Provided***

The project will afford flood protection to the city of Chico from flood flows in Little Chico Creek. It will also protect from flood flows in Butte Creek the town of Durham, 45,000 acres of adjacent agricultural lands, related buildings, and homes, US Highway 99E, several county highways and three railroads.

**MA 5**

**Sutter Maintenance Yard (Maintenance Area 5)**

## **Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported that the relevant conditions are recorded in the 2010 FPIIB Spring Levee Inspection Reports.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported that the relevant conditions are recorded in the 2010 FPIIB Spring Levee Inspection Reports.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished for all levee units. Activities include encroachment removal, inspection, minor structure maintenance, patrolling, restoration, roadway maintenance, rodent control, vegetation control, burning, dragging and mowing.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities for all levee units. Expenses include costs of encroachment removal, inspection, minor structure maintenance, patrolling, restoration, roadway maintenance, rodent control, vegetation control, burning, dragging and mowing. The reported total estimated cost for the fiscal year is \$265,500.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.



# **Sutter Maintenance Yard** **(Maintenance Area 7)**

**Butte County**

MA 7

## **Contact**

Karen Hull • Utility Craftworker Superintendent

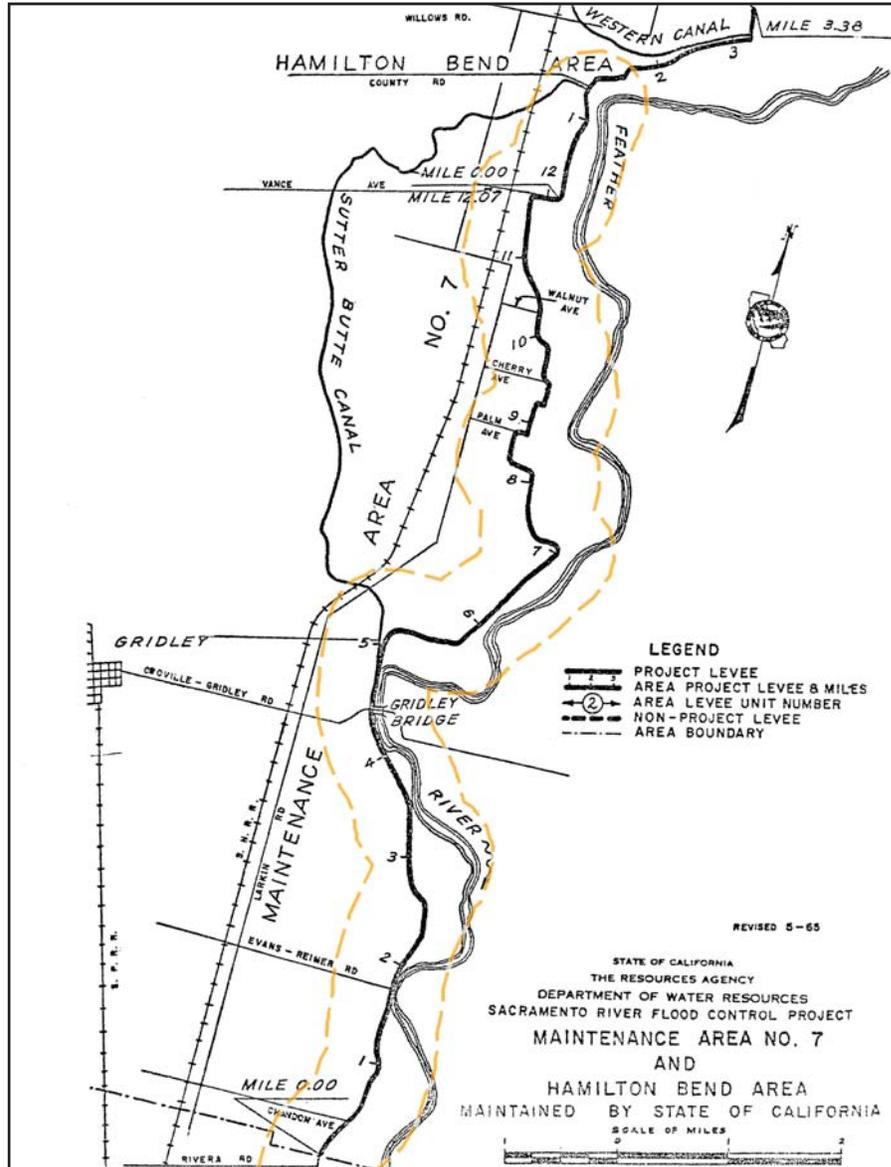
P.O. Box 40 • Sutter CA 95982

Phone: (530) 751-8361

Sutter Maintenance Yard (Maintenance Area 7)

**SACRAMENTO SYSTEM: SUTTER MAINTENANCE YARD (MAINTENANCE AREA 7)**

MA 7



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
MA0007	Sutter Maintenance Yard (Maintenance Area 0007) Unit No. 01 Feather River	RB	12.07

Sutter Maintenance Yard (Maintenance Area 7)



**MA 7**

**USACE Operation and Maintenance Manual Information:**

**Title**

Unit 152 West Levee of Feather River from North Boundary of Reclamation District 777 to the Western Canal Intake. Levee Of Drainage District No.1.

**Unit No.**

Sacramento River 152

**Protection Provided**

The levee of this unit provides direct protection to adjacent agricultural lands and the towns of Gridley and Live Oak against flood waters of the Feather River.

Sutter Maintenance Yard (Maintenance Area 7)

## Summary of Information Reported in 2010

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported that the relevant conditions are recorded in the 2010 FPIIB Spring Levee Inspection Reports.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported that the relevant conditions are recorded in the 2010 FPIIB Spring Levee Inspection Reports.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished. Activities include encroachment removal, inspection, levee repair, minor structure maintenance, patrolling, restoration, roadway maintenance, rodent control, vegetation control, burning, dragging and mowing.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities. Expenses include costs of encroachment removal, inspection, minor structure maintenance, patrolling, restoration, roadway maintenance, rodent control, vegetation control, burning, dragging and mowing. The reported total estimated cost for the fiscal year is \$98,000.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

# **Sutter Maintenance Yard** **(Maintenance Area 12)** Colusa County

MA 12

## **Contact**

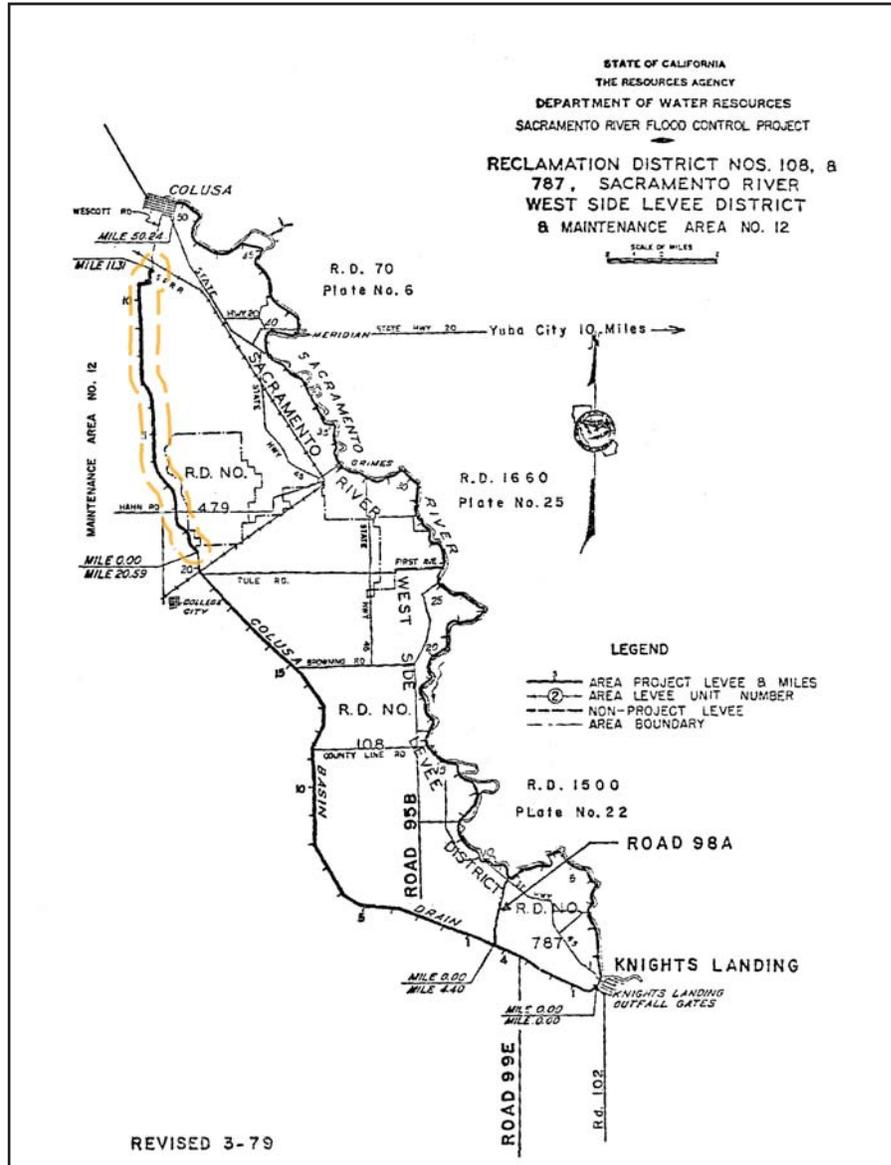
Karen Hull • Utility Craftworker Superintendent

P.O. Box 40 • Sutter CA 95982

Phone: (530) 751-8361

Sutter Maintenance Yard (Maintenance Area 12)

**SACRAMENTO SYSTEM: SUTTER MAINTENANCE YARD (MAINTENANCE AREA 12)**

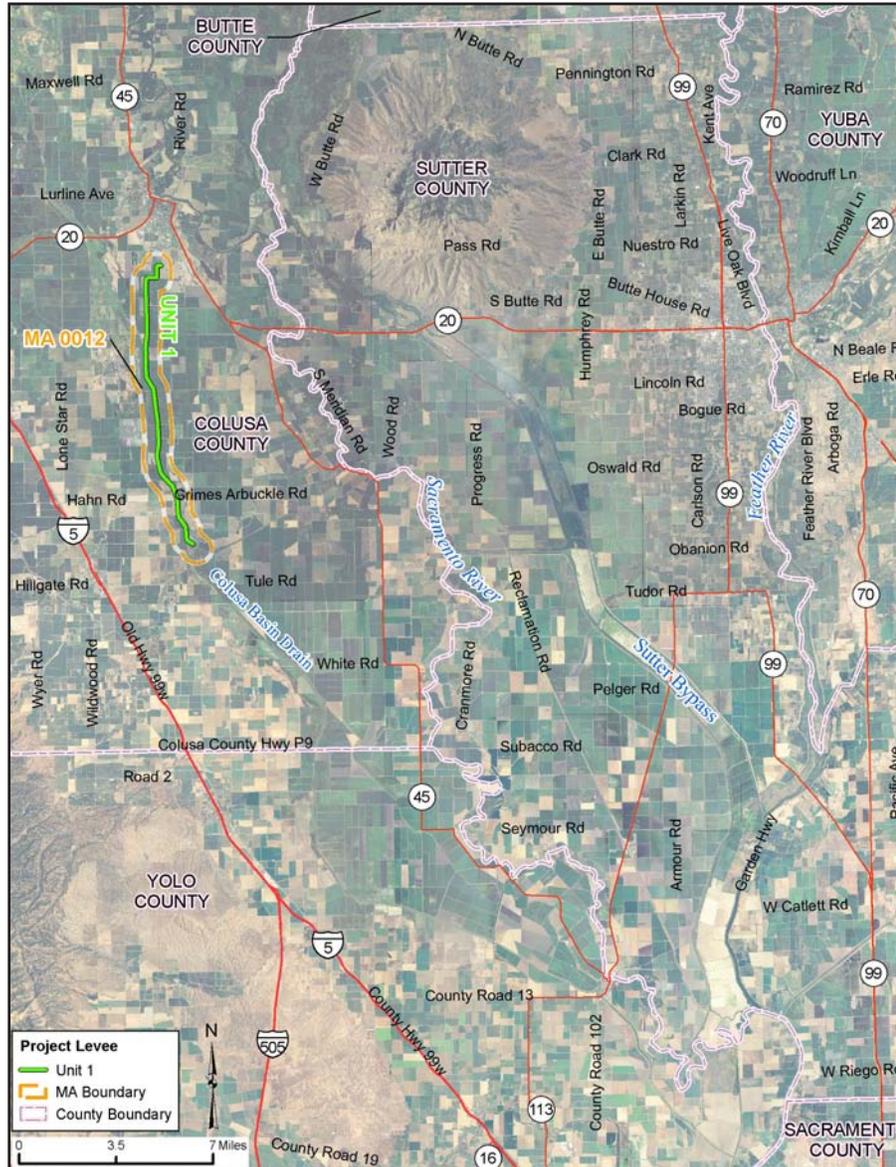


MA 12

Sutter Maintenance Yard (Maintenance Area 12)

**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
MA0012	Sutter Maintenance Yard (Maintenance Area 0012) Unit No. 01 Colusa Drain	LB	11.31



**MA 12**

Sutter Maintenance Yard (Maintenance Area 12)

**USACE Operation and Maintenance Manual Information:**

**Title**

Back Levees of Reclamation District 108.

**Unit No.**

Sacramento River 132

**Protection Provided**

Provides direct protection to about 100,000 acres of adjacent developed agricultural lands against flood waters in the Colusa Basin. There are only a few scattered buildings and residences in the area protected.

## Summary of Information Reported in 2010

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported that the relevant conditions are recorded in the 2010 FPIIB Spring Levee Inspection Reports.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported that the relevant conditions are recorded in the 2010 FPIIB Spring Levee Inspection Reports.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished. Activities include encroachment removal, inspection, minor structure maintenance, patrolling, restoration, roadway maintenance, rodent control, vegetation control, burning, dragging and mowing.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities. Expenses include costs of encroachment removal, inspection, minor structure maintenance, patrolling, restoration, roadway maintenance, rodent control, vegetation control, burning, dragging and mowing. The reported total estimated cost for the fiscal year is \$80,500.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

# **Sutter Maintenance Yard** **(Maintenance Area 13)** **Butte County**

MA 13

## **Contact**

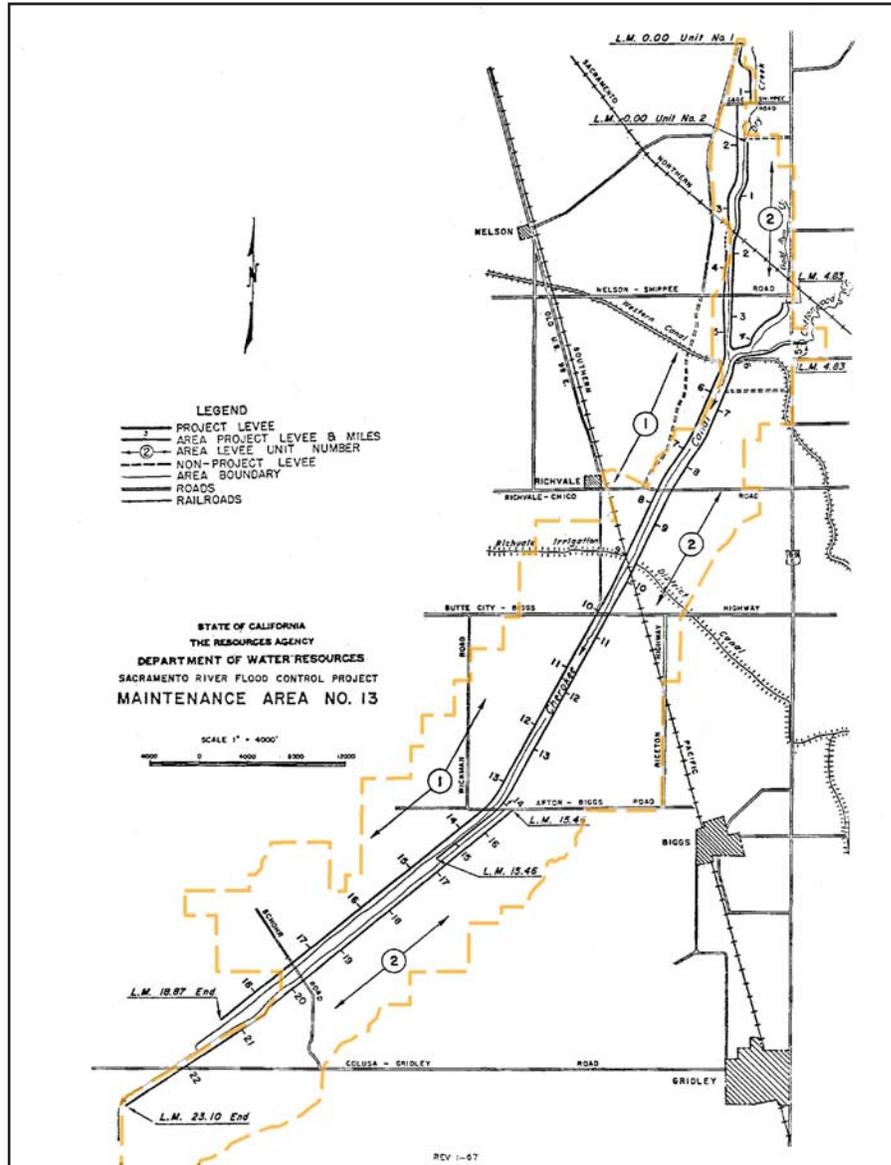
Karen Hull • Utility Craftworker Superintendent

P.O. Box 40 • Sutter CA 95982

Phone: (530) 751-8361

Sutter Maintenance Yard (Maintenance Area 13)

**SACRAMENTO SYSTEM: SUTTER MAINTENANCE YARD (MAINTENANCE AREA 13)**

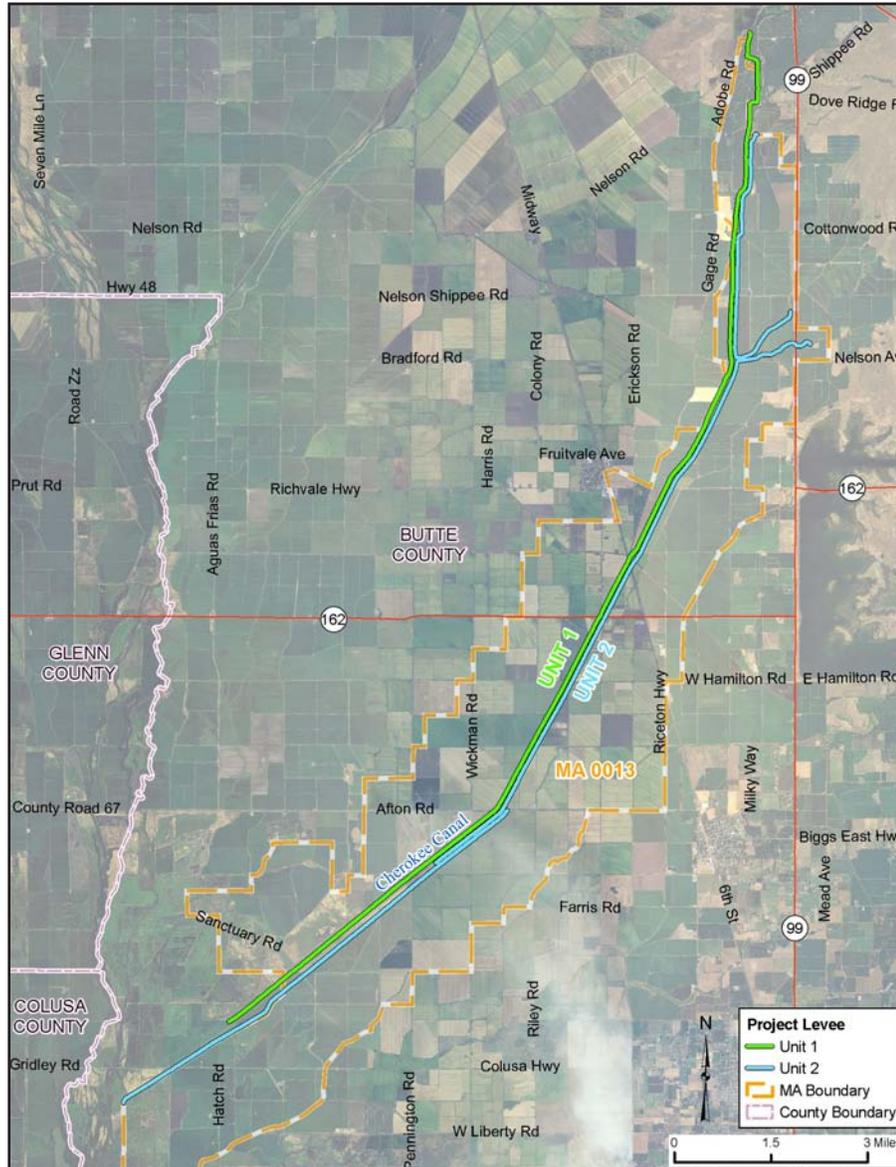


**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
MA0013	Sutter Maintenance Yard (Maintenance Area 0013)		
	Unit No. 01 Cherokee Canal	RB	18.87
	Unit No. 02 Cherokee Canal	LB	23.10

MA 13

Sutter Maintenance Yard (Maintenance Area 13)



MA 13

**USACE Operation and Maintenance Manual Information:**

**Title**

Cherokee Canal From Lower Butte Basin To High Ground.

**Unit No.**

Sacramento River 519

**Protection Provided**

The project provides flood protection to about 35,000 acres of adjacent agricultural lands, related buildings and homes, several highways, two railroads, and several irrigation canals across the flood plain that are subject to interruption in service as well as physical damage.

Sutter Maintenance Yard (Maintenance Area 13)

## **Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported that the relevant conditions are recorded in the 2010 FPIIB Spring Levee Inspection Reports.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported that the relevant conditions are recorded in the 2010 FPIIB Spring Levee Inspection Reports.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished for all levee units. Activities include encroachment removal, inspection, minor structure maintenance, patrolling, restoration, roadway maintenance, rodent control, vegetation control, burning, dragging and mowing.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities for all levee units. Expenses include costs of encroachment removal, inspection, minor structure maintenance, patrolling, restoration, roadway maintenance, rodent control, vegetation control, burning, dragging and mowing. The reported total estimated cost for the fiscal year is \$180,000.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

# **Sutter Maintenance Yard (Maintenance Area 16)**

**Sutter County**

## **Contact**

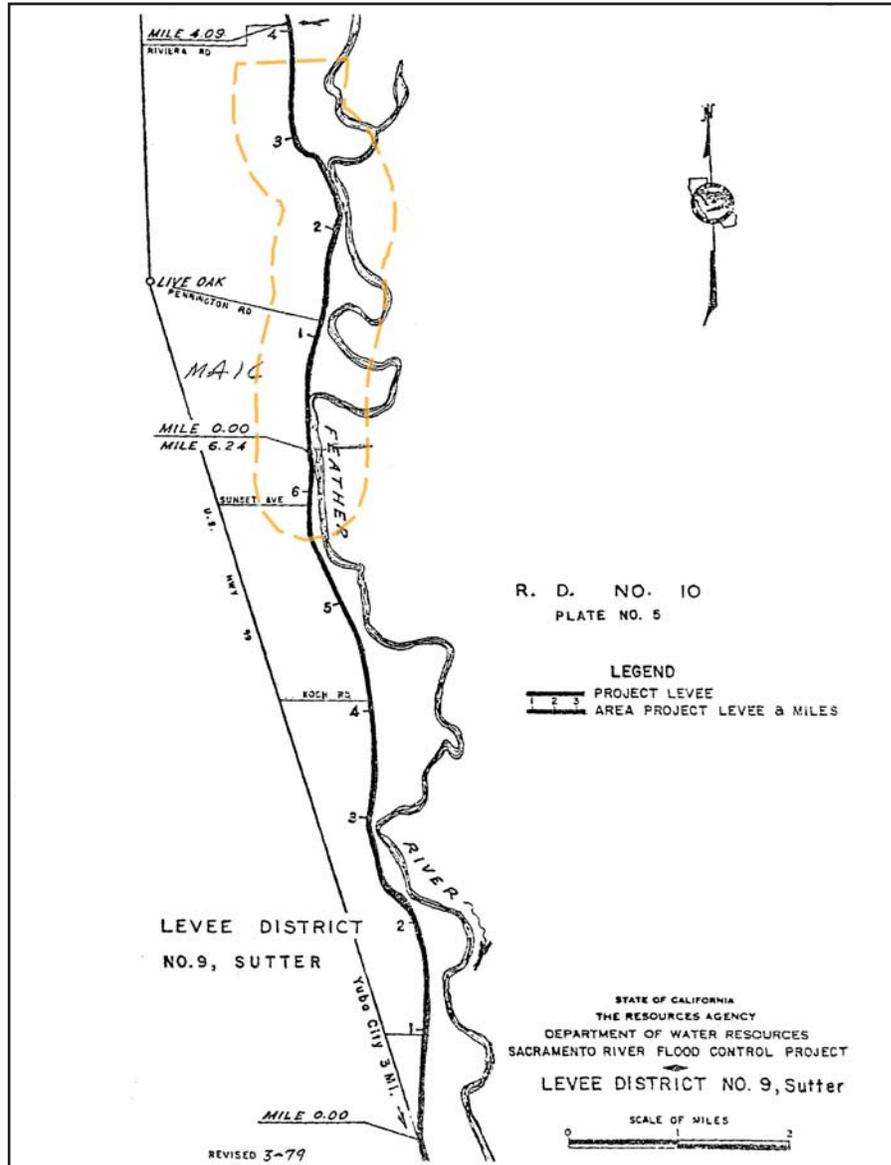
Karen Hull • Utility Craftworker Superintendent

P.O. Box 40 • Sutter CA 95982

Phone: (530) 751-8361

MA 16

Sutter Maintenance Yard (Maintenance Area 16)

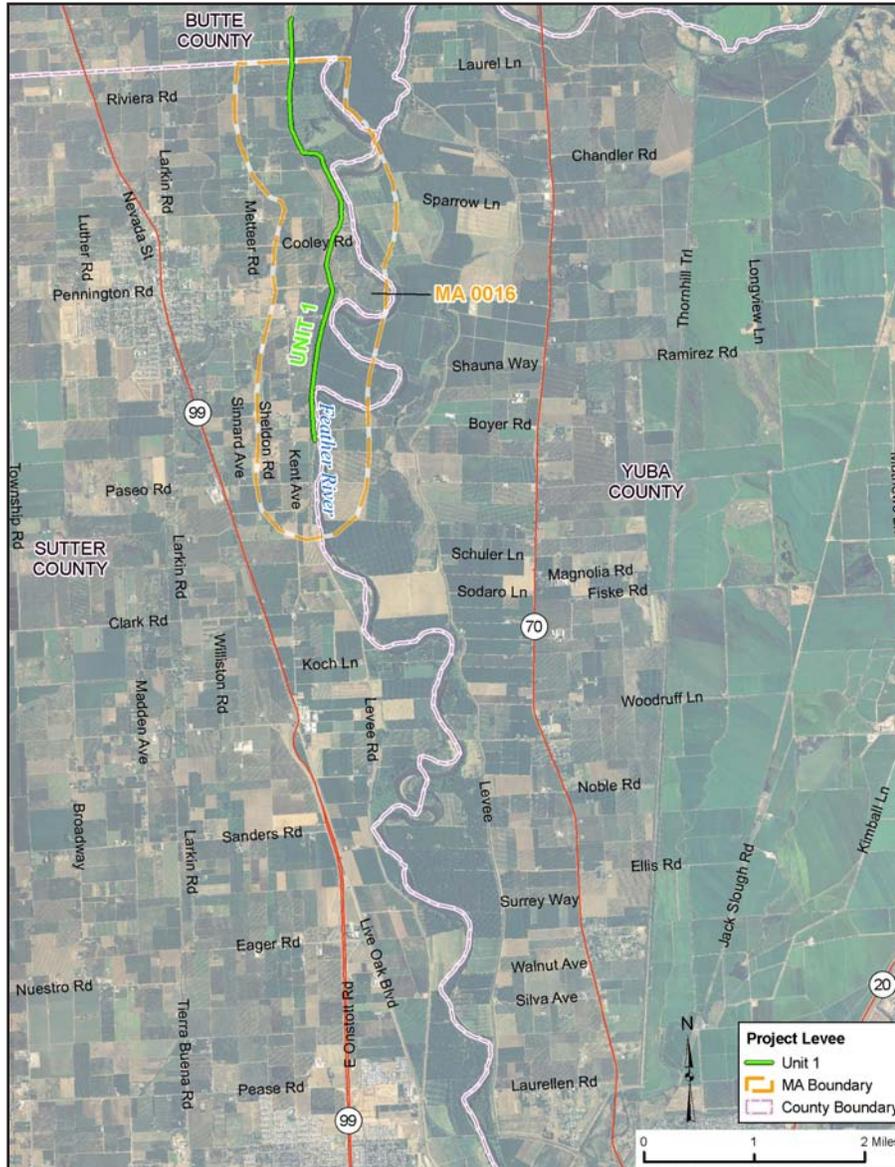


MA 16

Sutter Maintenance Yard (Maintenance Area 16)

**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
MA0016	Sutter Maintenance Yard (Maintenance Area 0016) Unit No. 01 Feather River	RB	4.09



MA 16

Sutter Maintenance Yard (Maintenance Area 16)

**USACE Operation and Maintenance Manual Information:**

**Title**

Supplement To Standard Operation and Maintenance Manual, Sacramento River Flood Control Project Unit No. 148 West Levee of the Feather River from North Boundary of Reclamation Rd District 777 to North Boundary of Levee District No. 1.

**Unit No.**

Sacramento River 148

**Protection Provided**

The levee of this unit provides direct protection to the towns of Gridley, Live Oak and Yuba City, adjacent agricultural lands and against flood waters of the Feather River.

## Summary of Information Reported in 2010

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported that the relevant conditions are recorded in the 2010 FPIIB Spring Levee Inspection Reports.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported that the relevant conditions are recorded in the 2010 FPIIB Spring Levee Inspection Reports.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished. Activities include encroachment removal, inspection, minor structure maintenance, patrolling, restoration, roadway maintenance, rodent control, vegetation control, burning, dragging and mowing.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities. Expenses include costs of encroachment removal, inspection, minor structure maintenance, restoration, roadway maintenance, rodent control, vegetation control, burning and mowing. The reported total estimated cost for the fiscal year is \$53,500.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

# **Sutter Maintenance Yard (Maintenance Area 17)**

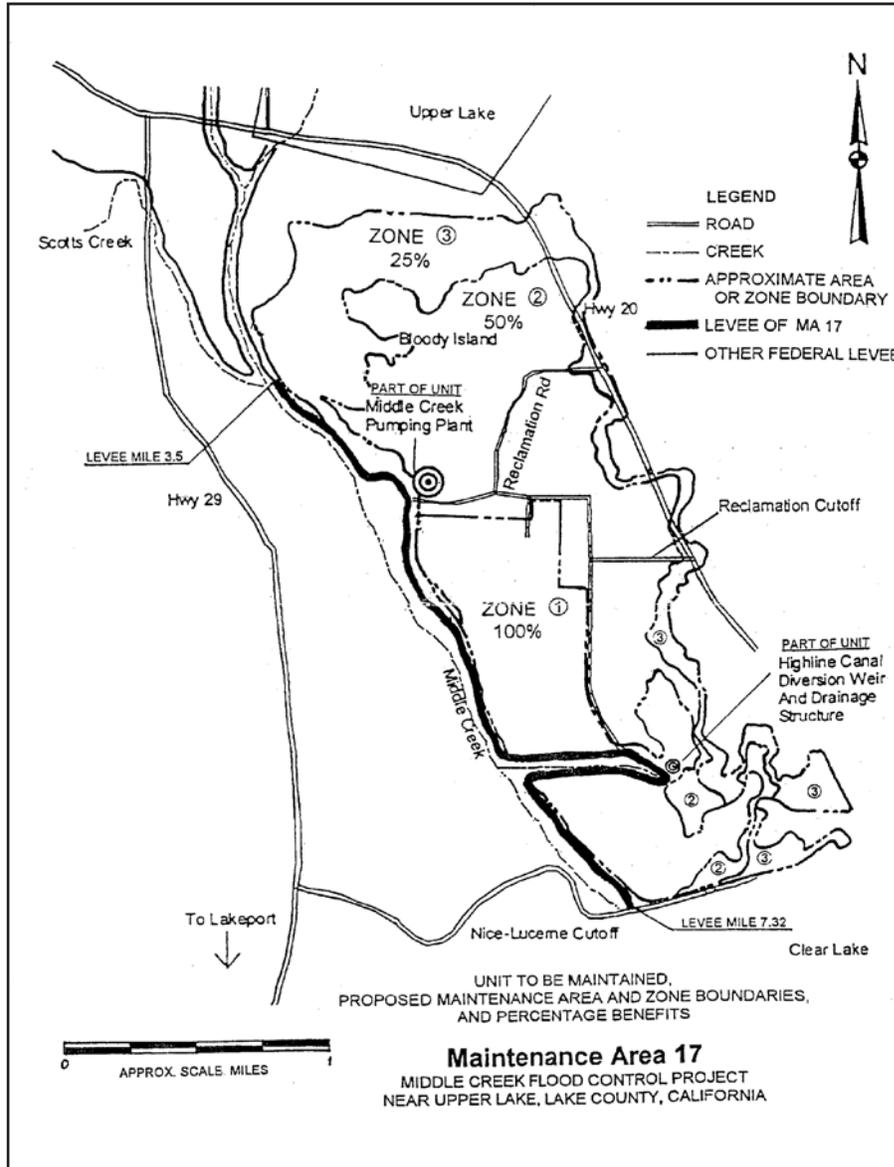
**Lake County**

## **Contact**

Karen Hull • Utility Craftworker Superintendent

P.O. Box 40 • Sutter CA 95982

Phone: (530) 751-8361



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
MA0017	Sutter Maintenance Yard (Maintenance Area 0017) Unit No. 01 Lake County Sutter Maintenance Yard – Middle Creek	LB	3.90



**USACE Operation and Maintenance Manual Information:**

**Title**

No information available at time of printing.

**Unit No.**

No information available at time of printing.

**Protection Provided**

No information available at time of printing.

## Summary of Information Reported in 2010

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported that the relevant conditions are recorded in the 2010 FPIIB Spring Levee Inspection Reports.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported that the relevant conditions are recorded in the 2010 FPIIB Spring Levee Inspection Reports.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished. Activities include encroachment removal, inspection, minor structure maintenance, patrolling, restoration, roadway maintenance, rodent control, vegetation control, burning, dragging and mowing.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities. Expenses include costs of inspection, minor structure maintenance, patrolling, restoration, roadway maintenance, rodent control, vegetation control and mowing. The reported total estimated cost for the fiscal year is \$60,000.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

## APPENDIX **B**

# **San Joaquin River Individual Agency Summary Reports**

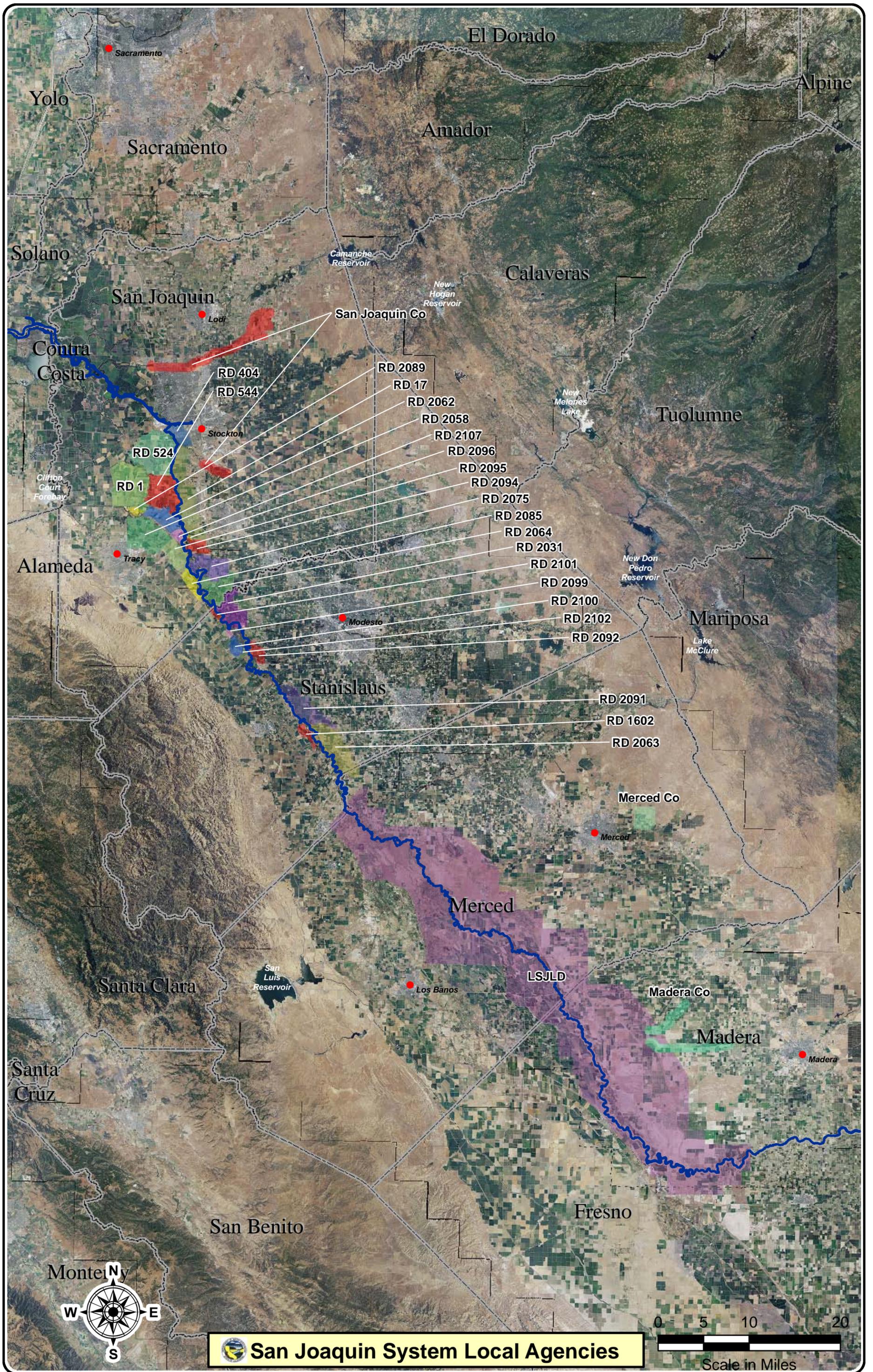
A total of 29 LMAs and 29 local reporting Areas for project levees are included in the San Joaquin River Flood Control System. DWR received reports from 21 LMAs encompassing 21 Areas. Appendix B includes an index to San Joaquin River System LMAs, a map to show the locations of each reporting area, and individual LMA profiles. Appendix B includes:

- San Joaquin River System LMA Index
- San Joaquin River System Map
- Individual Local Maintaining Area Summary Profiles, San Joaquin River System



LOCAL AGENCIES & AREAS	COUNTY	TAB NAME	PAGE
<b>NAMED AREAS</b>			
Lower San Joaquin Levee District	Merced	LSJLD	391
Madera Co Flood Control & Water Conservation Agency	Madera	Madera Co	397
Merced Co Stream Group	Merced	Merced co	401
San Joaquin Co Flood Control District	San Joaquin	San Joaquin Co	405
Turlock Irrigation District (Gomes Lake)	Stanislaus	TID	411
<b>RECLAMATION DISTRICTS</b>			
Reclamation District No. 1 (Union Island)	San Joaquin	RD 1	415
Reclamation District No. 17 (Mossdale)	San Joaquin	RD 17	419
Reclamation District No. 404 (Boggs)	San Joaquin	RD 404	423
Reclamation District No. 524 (Middle Roberts Island)	San Joaquin	RD 524	427
Reclamation District No. 544 (Upper Roberts Island)	San Joaquin	RD 544	431
Reclamation District No. 1602 (Del Puerto)	San Joaquin	RD 1602	435
Reclamation District No. 2031 (Elliot)	Stanislaus	RD 2031	439
Reclamation District No. 2058 (Pescadero)	San Joaquin	RD 2058	443
Reclamation District No. 2062 (Stewart)	San Joaquin	RD 2062	447
Reclamation District No. 2063 (Crows Landing)	Stanislaus	RD 2063	451
Reclamation District No. 2064 (River Junction)	San Joaquin	RD 2064	455
Reclamation District No. 2075 (McMullin)	San Joaquin	RD 2075	459
Reclamation District No. 2085 (Kasson)	San Joaquin	RD 2085	463
Reclamation District No. 2089 (Stark)	San Joaquin	RD 2089	467
Reclamation District No. 2091 (Chase)	Stanislaus	RD 2091	471
Reclamation District No. 2092 (Dos Rios)	Stanislaus	RD 2092	475
Reclamation District No. 2094 (Walthall)	San Joaquin	RD 2094	479
Reclamation District No. 2095 (Paradise Cut)	San Joaquin	RD 2095	483
Reclamation District No. 2096 (Wetherbee Lake)	San Joaquin	RD 2096	487
Reclamation District No. 2099 (El Solyo Ranch)	Stanislaus	RD 2099	491
Reclamation District No. 2100 (White Lake Ranch)	Stanislaus	RD 2100	495
Reclamation District No. 2101 (Blewett)	Stanislaus	RD 2101	499
Reclamation District No. 2102 (Lara Ranch)	Stanislaus	RD 2102	503
Reclamation District No. 2107	San Joaquin	RD 2107	507







# Lower San Joaquin Levee District

**Merced County**

**Madera County**

**Fresno County**

**Stanislaus County**

## **Contact**

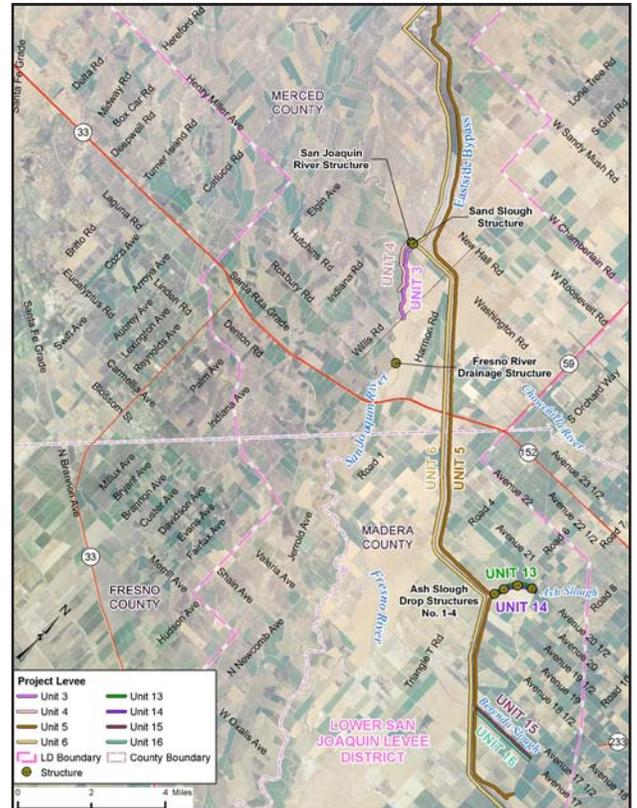
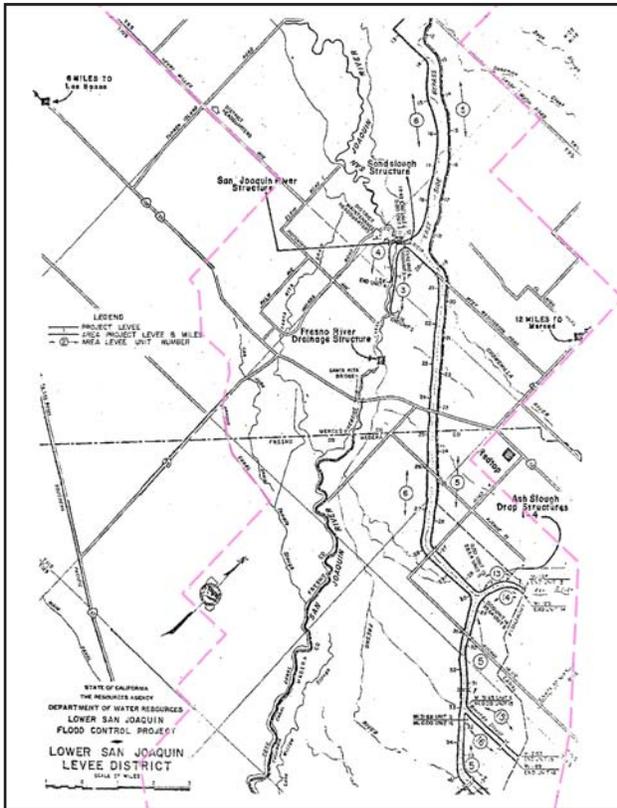
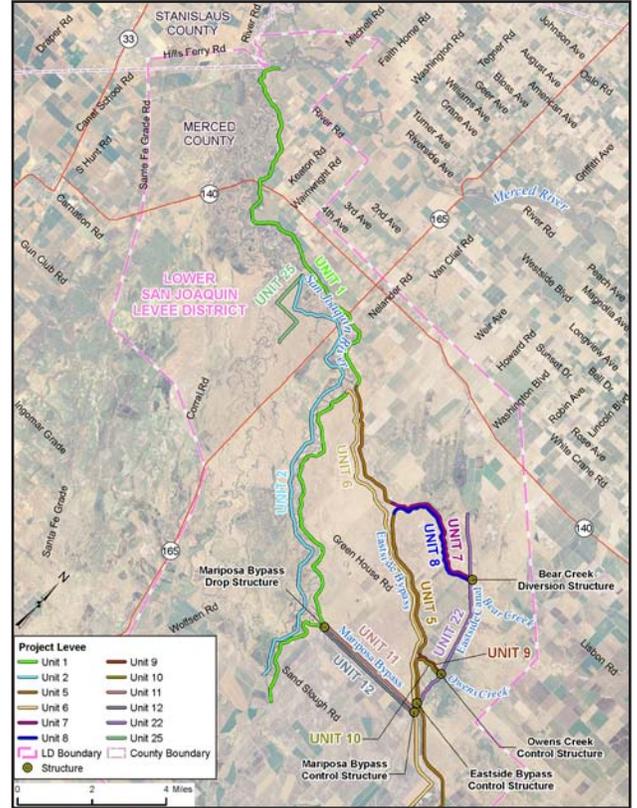
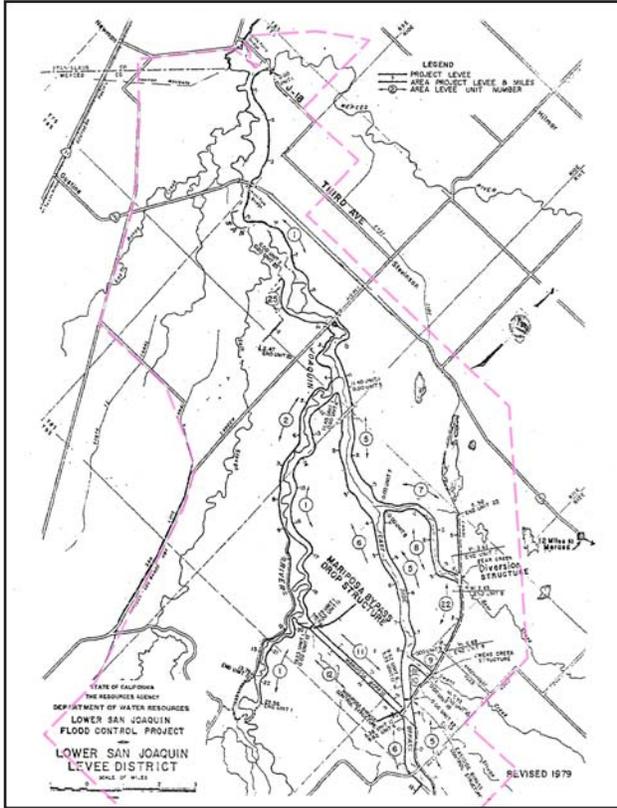
Lloyd Roduner • Chairman

11704 West Henry Miller Av • Dos Palos CA 93620

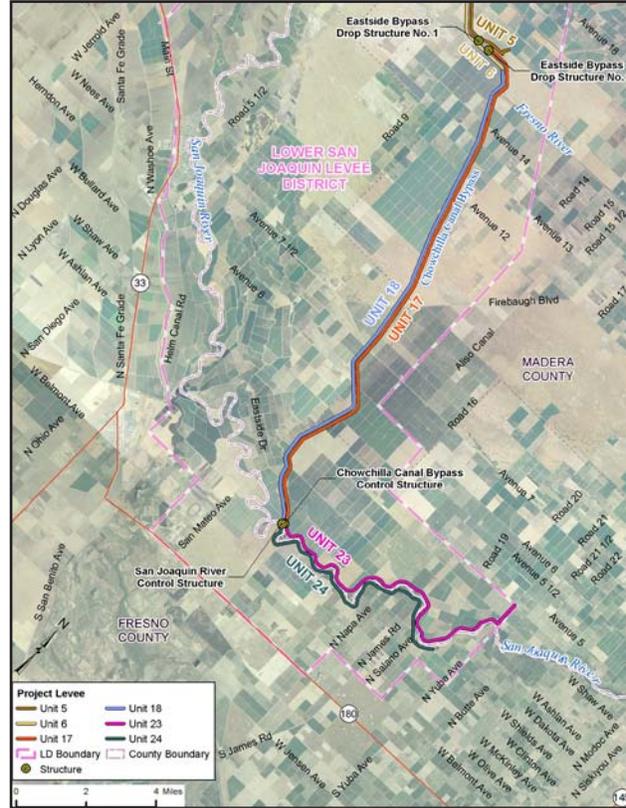
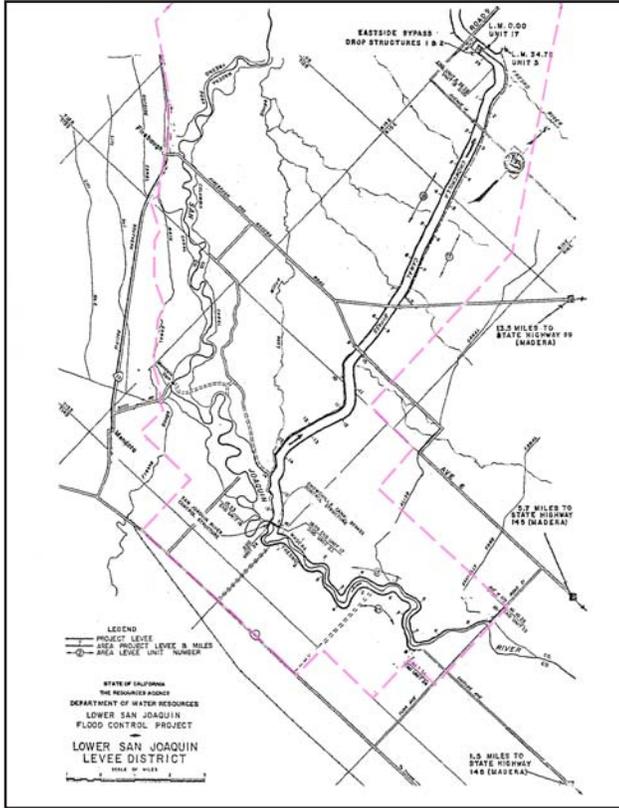
Phone: (209) 387-4545

# SAN JOAQUIN SYSTEM: LOWER SAN JOAQUIN LEVEE DISTRICT

LSJLD



# SAN JOAQUIN SYSTEM: LOWER SAN JOAQUIN LEVEE DISTRICT



## Levee Information:

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
NA0010	Lower San Joaquin Levee District		
	Unit No. 01 San Joaquin River	RB	22.56
	Unit No. 02A San Joaquin River	LB	13.79
	Unit No. 02B San Joaquin River	LB	5.92
	Unit No. 03 San Joaquin River	RB	2.16
	Unit No. 04 San Joaquin River	LB	1.58
	Unit No. 05 East Side Bypass	RB	34.75
	Unit No. 06 East Side Bypass	LB	36.38
	Unit No. 07 Bear Creek Bypass	RB	3.62
	Unit No. 08 Bear Creek Bypass	LB	3.63
	Unit No. 09 Owens Creek Bypass	RB	0.88
	Unit No. 10 Owens Creek Bypass	LB	0.82
	Unit No. 11 Mariposa Bypass	RB	3.31
	Unit No. 12 Mariposa Bypass	LB	3.33
	Unit No. 13 Ash Slough	RB	1.28
	Unit No. 14 Ash Slough	LB	1.28
	Unit No. 15 Berenda Slough	RB	2.03
	Unit No. 16 Berenda Slough	LB	1.98

**SAN JOAQUIN SYSTEM: LOWER SAN JOAQUIN LEVEE DISTRICT****Levee Information:**

Short Name	Local Maintaining Agency/ Levee Unit	Bank	Length (miles)
NA0010	<b>Lower San Joaquin Levee District</b>		
	Unit No. 17 Chowchilla Canal Bypass	RB	16.09
	Unit No. 17B Chowchilla Canal Bypass (LM 2.50 to 8.35)	RB	5.85
	Unit No. 18 Chowchilla Canal Bypass	LB	15.33
	Unit No. 22A East Side Canal	LB	5.50
	Unit No. 23 San Joaquin River	RB	10.25
	Unit No. 24 San Joaquin River	LB	8.34
	Unit No. 25 Salt Slough	RB	2.47

**LSJLD**

## Summary of Information Reported in 2010

### Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)

The Agency provided information, including locations, on a variety of issues affecting Levee Units 1, 2, 5, 6 and 24. Issues include excessive traffic resulting from personnel using crown roadway to access San Luis Wildlife Refuge, fencing installed by California State Parks which encroaches on levee slopes and poor soil along East Side Bypass Levee which cannot sustain proper cover. The Agency estimated a \$6,000/mile cost for lost levee surface gravel due to heavy traffic.

### Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)

The Agency provided information, including locations, on a variety of issues affecting Levee Units 1, 2A, 3, 5, 6, 12, 17A, 18, 22A, 23 and 24. Issues include seepage in many units resulting from original levee construction with native materials, a levee breach by landowner in Levee Unit 1 due to landside water elevations exceeding waterside flood elevations under certain scenarios, erosion into levee crown roadway in Levee Unit 2A, 1.5 miles downstream of Highway 165, a flap gate replacement with a free-flowing corrugated metal pipe in Levee Unit 5 due to erosion concerns and freeboard and channel capacity issues along the entire length of Levee Unit 6.

### Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year

The Agency provided a summary of maintenance activities accomplished for all levee units. Activities include administrative, management and professional services, bank revetment, channel debris removal, sediment extraction, drainage ditch maintenance, encroachment control, equipment maintenance, erosion repair, maintenance, field observation, research, minor structure maintenance, repair, roadway graveling, maintenance, rodent control, hole grouting, compaction, training, vegetation dragging, burning, mowing, planting and spraying.

### Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency

The Agency provided a summary of expenses and maintenance activities for all levee units. Expenses include costs of administrative, management and professional services, bank revetment, channel debris removal, sediment extraction, drainage ditch maintenance, encroachment control, equipment maintenance, erosion repair, maintenance, field observation, research, minor structure maintenance, repair, roadway graveling, maintenance, rodent control, hole grouting, compaction, personnel training, vegetation dragging, burning, mowing, planting and spraying. The reported total estimated cost for the fiscal year is \$943,303.

### Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR

Agency provided summary of Project Levee and facility concerns and the location of these concerns.



# Madera County Flood Control and Water Conservation Agency

**Madera County**

## **Contact**

Glen Eastes • Engineer

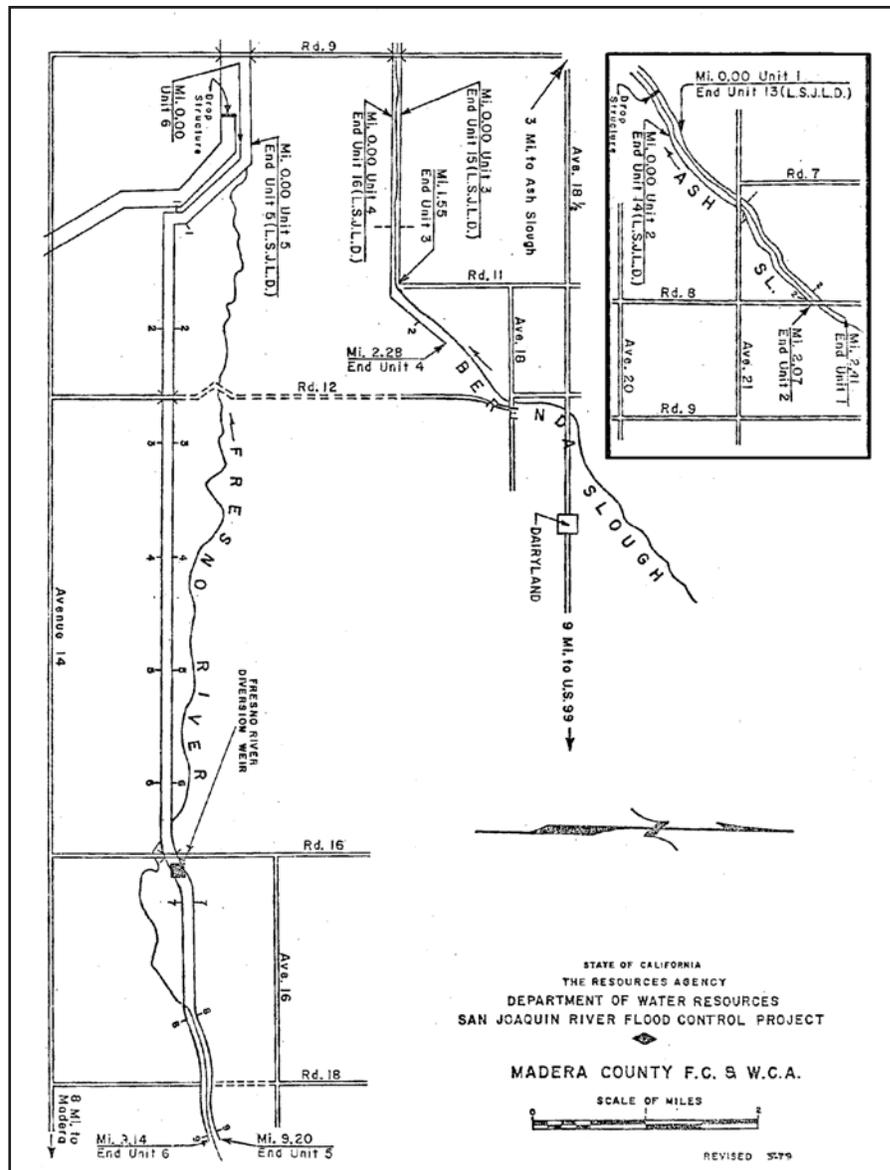
2037 W Cleveland Avenue • Madera CA 93637

Phone: (559) 675-7817

Madera Co

Madera County Flood Control and Water Conservation Agency

**SAN JOAQUIN SYSTEM: MADERA COUNTY FCWCA**

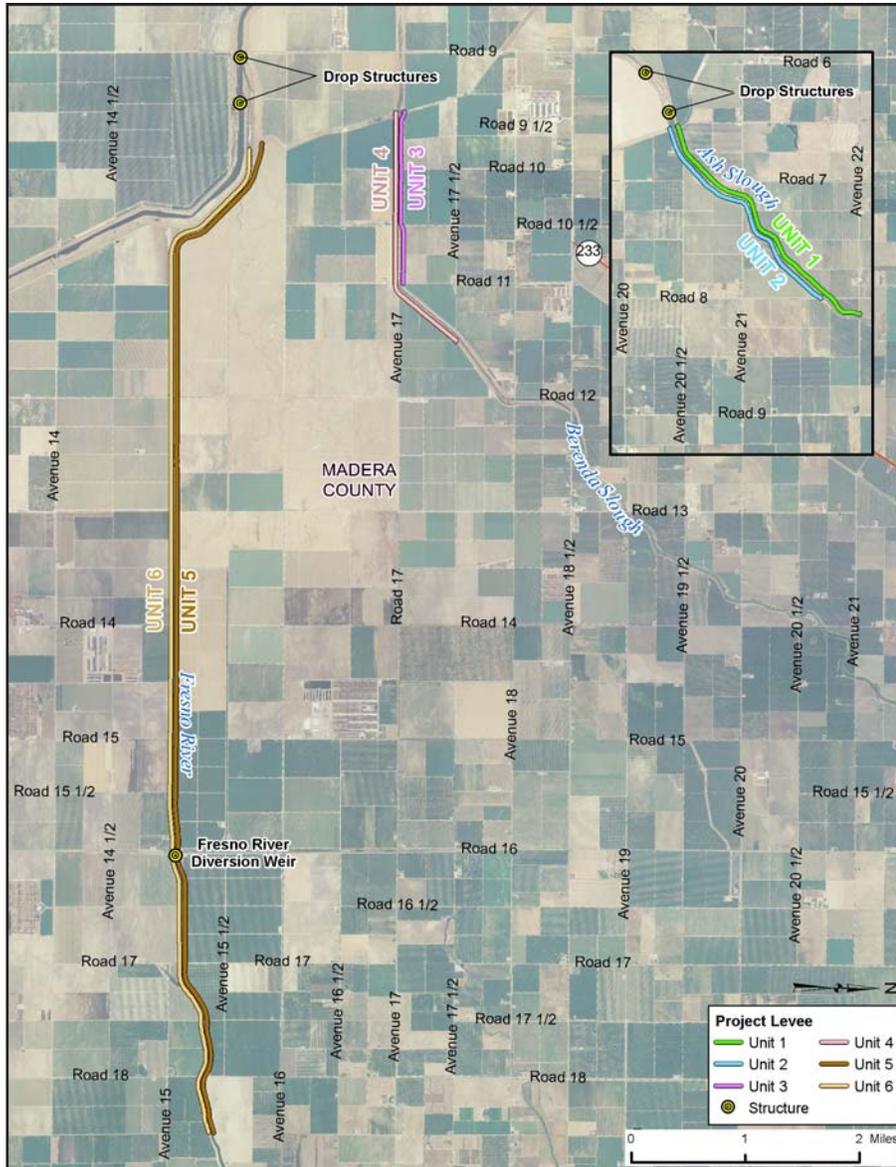


**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
NA0011	Madera County FCWCA		
	Unit No. 01 Ash Slough	RB	2.41
	Unit No. 02 Ash Slough	LB	2.07
	Unit No. 03 Berenda Slough	RB	1.55
	Unit No. 04 Berenda Slough	LB	2.28
	Unit No. 05 Fresno River	RB	9.20
	Unit No. 06 Fresno River	LB	9.14

Madera Co

Madera County Flood Control and Water Conservation Agency



Madera Co

Madera County Flood Control and Water Conservation Agency

**USACE Operation and Maintenance Manual Information:**

**Title**

No information available at time of printing.

**Unit No.**

No information available at time of printing.

**Protection Provided**

No information available at time of printing.

**Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 1.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 2.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

No information provided by the Agency for Part 3.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

No information provided by the Agency for Part 4.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

**Madera Co**

# Merced County Stream Group

**Merced County**

## **Contact**

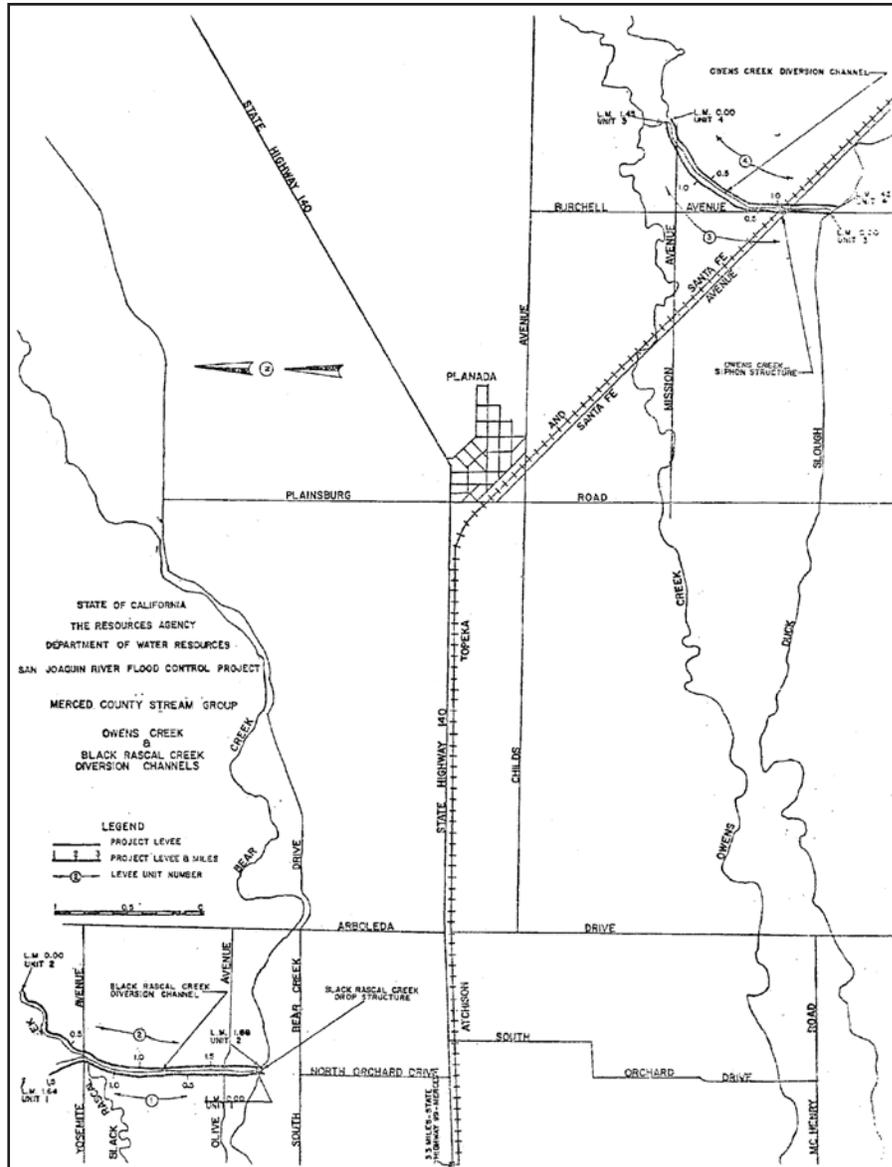
Paul Fillebrown • Public Works Director

715 Martin Luther King Jr. Way • Merced CA 95341

Phone: (209) 385-7602

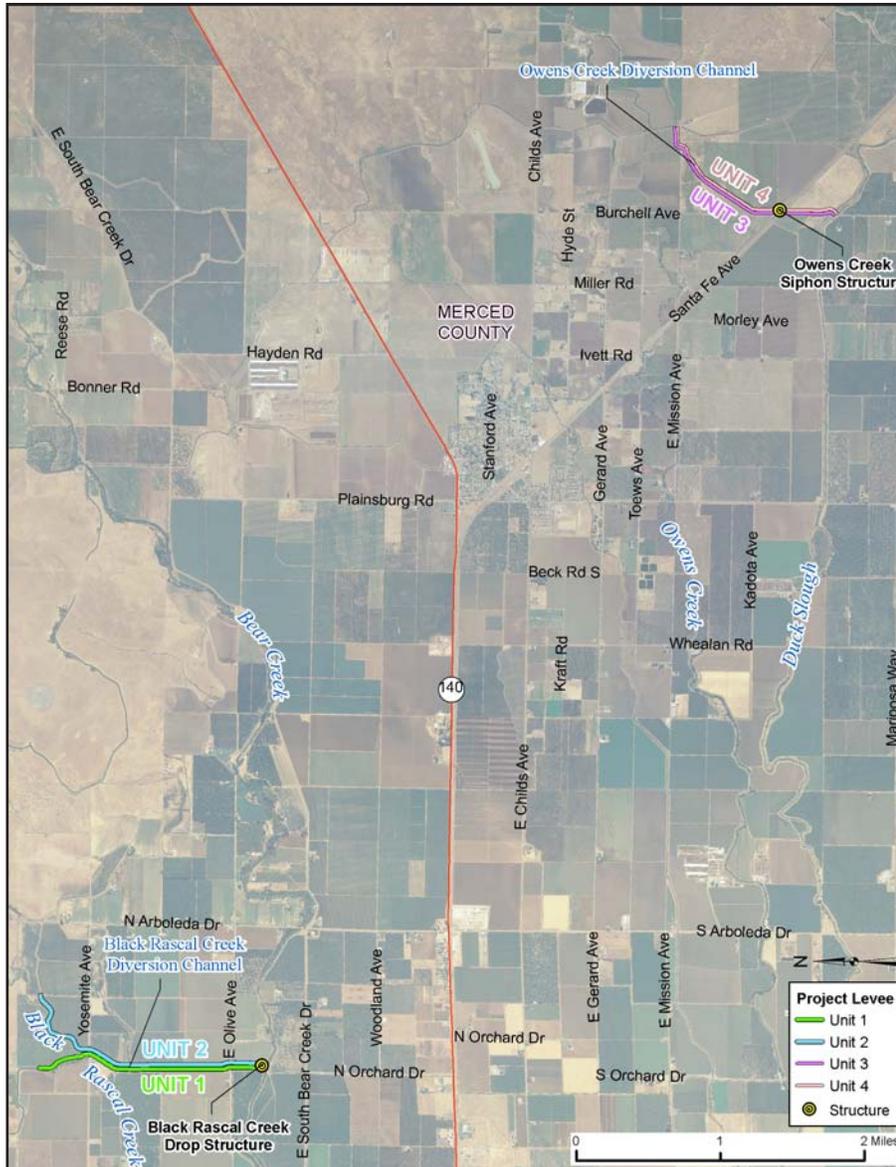
Merced Co

**SAN JOAQUIN SYSTEM: MERCED COUNTY STREAM GROUP**



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
NA0013	Merced Streams Group		
	Unit No. 01 Black Rascal Diversion	RB	1.64
	Unit No. 02 Black Rascal Diversion	LB	1.88
	Unit No. 03 Owens Creek Diversion	RB	1.44
	Unit No. 04 Owens Creek Diversion	LB	1.44



**USACE Operation and Maintenance Manual Information:**

**Title**

No information available at time of printing.

**Unit No.**

No information available at time of printing.

**Protection Provided**

No information available at time of printing.

## Summary of Information Reported in 2010

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency provided a description of maintenance issues including beaver dams in Levee Unit 2 and annual grass and weeds in Levee Units 1, 2 and 3.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported rodent burrows in Levee Units 2, 3 and 4.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished for all levee units and the locations of these activities. Activities include rodent baiting, grouting, vegetation mowing and spraying.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities for all levee units and the locations of these activities. Expenses include costs of rodent baiting, grouting, vegetation mowing and spraying. The reported total estimated cost for the fiscal year is \$30,000.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

The Agency noted a Memorandum of Understanding with the California Department of Fish and Game that limits access to the Black Rascal Diversion Channel at certain times of the year.

# San Joaquin County Flood Control and Water Conservation District

San Joaquin County

## Contact

Mark Connelly • Engineer

P.O. Box 1810 • Stockton CA 95201

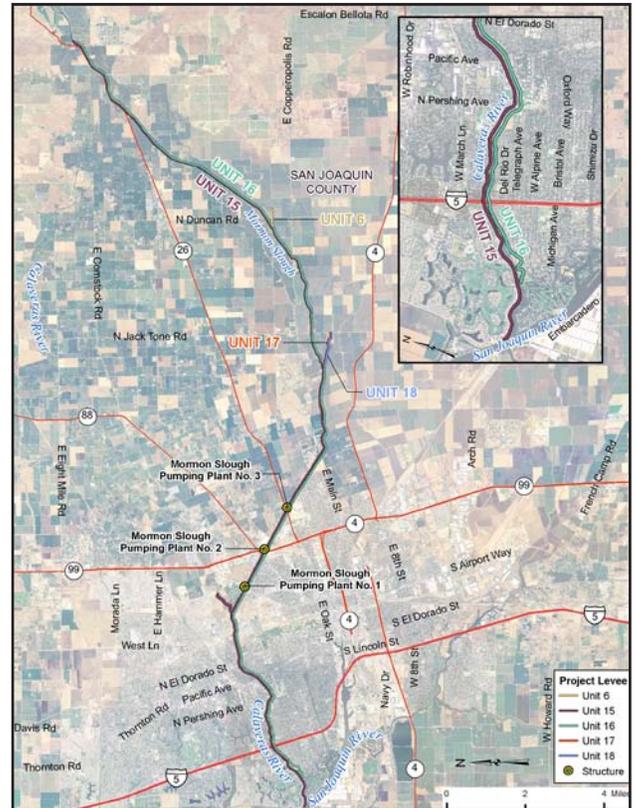
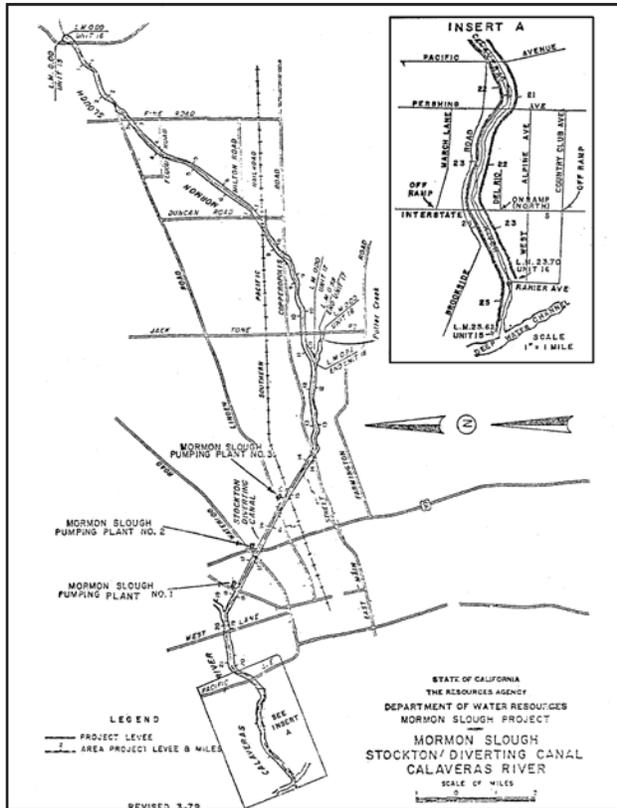
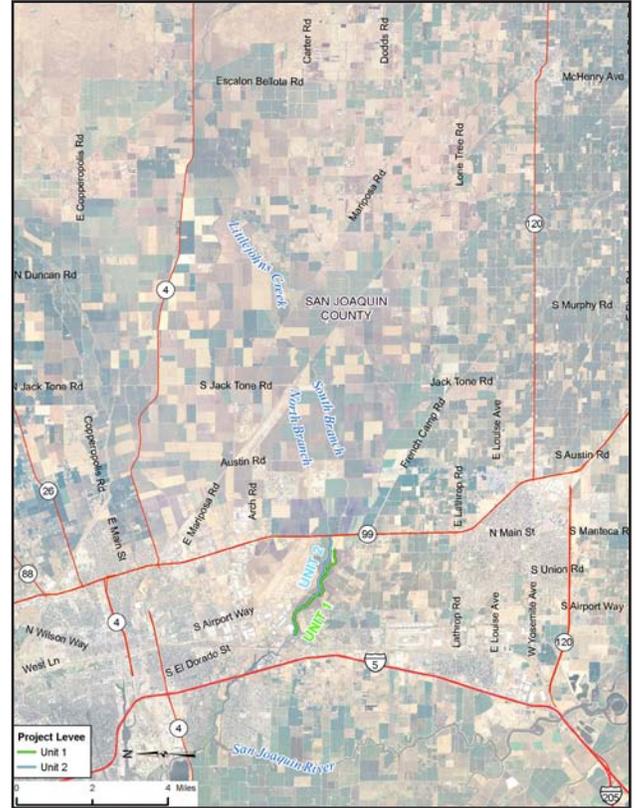
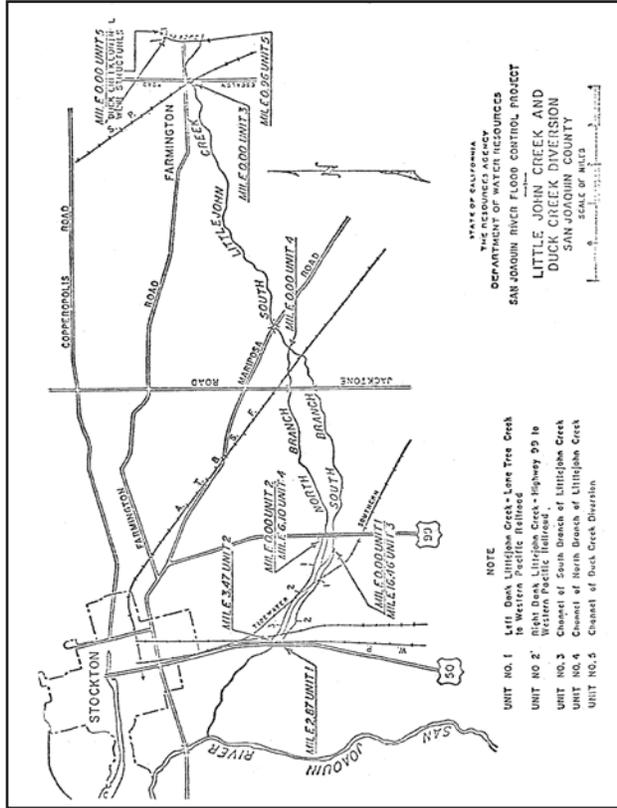
Phone: (209) 953-7617

San  
Joaquin Co

San Joaquin County Flood Control and Water Conservation District

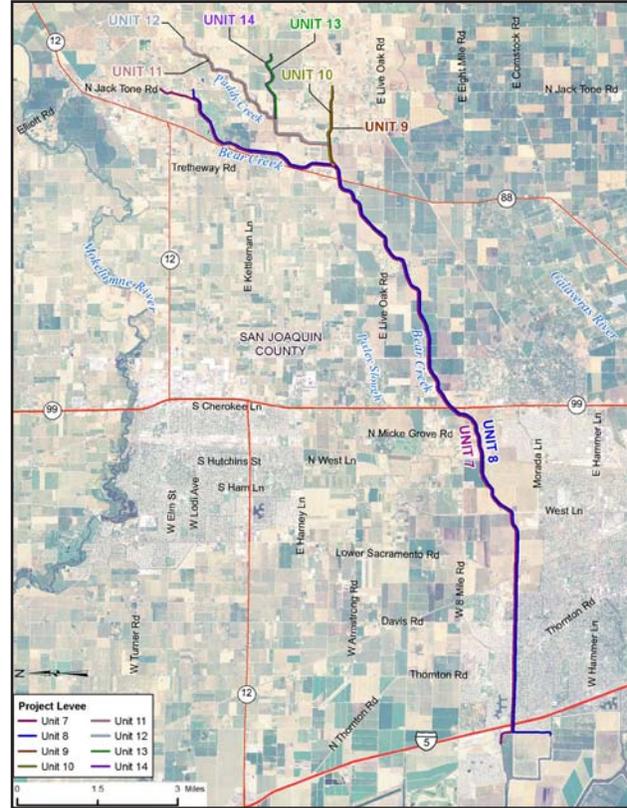
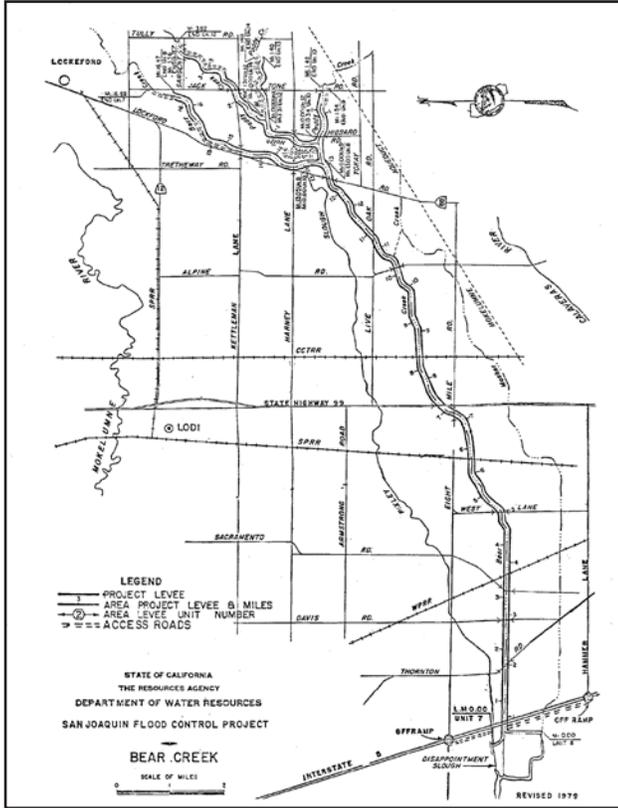
# SAN JOAQUIN COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

San Joaquin Co



San Joaquin County Flood Control and Water Conservation District

# SAN JOAQUIN COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT



San Joaquin Co

## Levee Information:

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
NA0017	San Joaquin County Flood Control and Water Conservation District		
	Unit No. 01 Littlejohn Creek	LB	2.87
	Unit No. 06 SPRR Drain	LB	0.50
	Unit No. 07 Bear Creek	RB	16.69
	Unit No. 08 Bear Creek	LB	16.47
	Unit No. 09 Paddy Creek	LB	1.54
	Unit No. 10 Paddy Creek	RB	1.42
	Unit No. 11 North Paddy Creek	RB	3.56
	Unit No. 12 North Paddy Creek	LB	3.53
	Unit No. 13 Middle Paddy Creek	LB	1.40
	Unit No. 14 Middle Paddy Creek	RB	1.40
	Unit No. 15 Mormon Slough	RB	25.62
	Unit No. 16 Mormon Slough	LB	24.00
	Unit No. 17 Potter Creek	RB	0.86
	Unit No. 18 Potter Creek	LB	0.89
	Unit No. 02 Littlejohn Creek	RB	3.21

San Joaquin County Flood Control and Water Conservation District

**USACE Operation and Maintenance Manual Information:**

***Title***

Levees around Reclamation District 2062 and San Joaquin County Flood Control District Area No. 2

***Unit No.***

San Joaquin River 9

***Protection Provided***

Levees along the San Joaquin River, Old River and Paradise Cut provide direct protection to about 4,700 acres of agricultural land within Reclamation Districts 2062 and the San Joaquin County Flood Control District-Area No. 2. The project design flood for the San Joaquin River is 37,000 cfs, Old River 19,000 cfs, and Paradise Cut 15,000 cfs.

***Title***

West Levee of Paradise Cut Reclamation District 2058 and San Joaquin County Flood Control District, Area No. 2

***Unit No.***

San Joaquin River 10

***Protection Provided***

Levees along Paradise Cut provide direct protection to adjacent agricultural land within Reclamation Districts 2058 and the San Joaquin County Flood District. The project design flood for Paradise Cut is 15,000 cfs.

San Joaquin Co

**Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency provided a summary of unauthorized encroachments in Levee Units 7 and 15 and the locations of these encroachments. Encroachments include trash, debris, weir boards and pruning debris. The Agency noted buildup of silt and vegetation in the channel in Levee Unit 7 downstream from Harney Lane. The Agency also noted heavy levee vegetation in Levee Unit 15 and channel vegetation in Levee Units 7 and 15. The Agency stated that all of the above items have been corrected.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 2.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished for all levee units and the locations of these activities. Activities include erosion repair, gate repair, maintenance, minor structure repair, patrolling, roadway grading, graveling, rodent baiting, trapping, hole grouting, sediment removal, vegetation planting, spraying, mowing, tree removal and trimming.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities for all levee units and the locations of these activities. Expenses include costs of erosion repair, gate repair, maintenance, minor structure repair, patrolling, roadway grading, graveling, rodent baiting, trapping, hole grouting, vegetation planting, spraying and mowing. The reported total estimated cost for the fiscal year is \$1,952,406.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.



# **Turlock Irrigation District**

## **(Gomes Lake)**

**Stanislaus County**

TID

### **Contact**

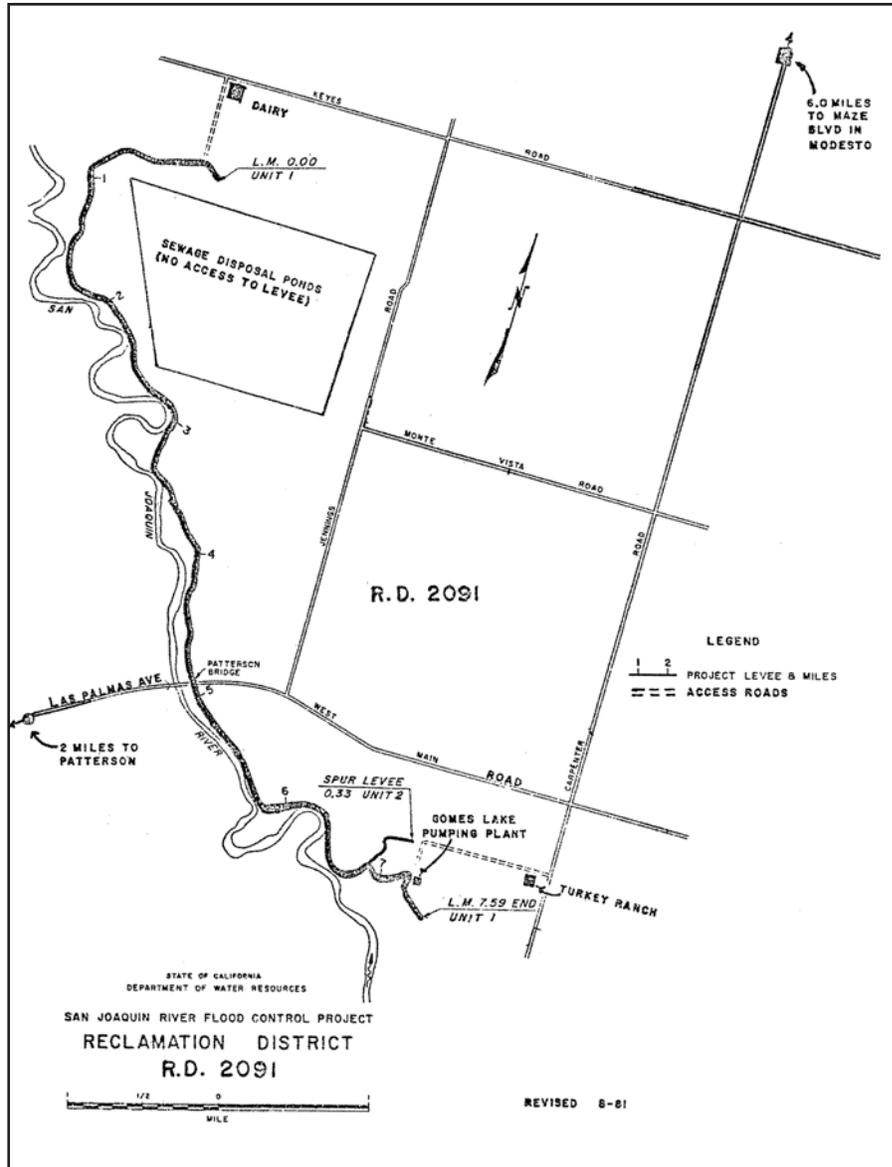
Les Barrigar • Manager

333 East Canal Drive • Turlock CA 95381

Phone: (209) 883-8272

**SAN JOAQUIN SYSTEM: TURLOCK IRRIGATION DISTRICT (GOMES LAKE)**

TID



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
NA0065	Turlock Irrigation District (Gomes Lake) Unit No. 01 Gomes Lake Spur Levee (formerly RD 2091, Unit No. 02)		0.30



**USACE Operation and Maintenance Manual Information:**

**Title**

No information available at time of printing.

**Unit No.**

No information available at time of printing.

**Protection Provided**

No information available at time of printing.

## Summary of Information Reported in 2010

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 1.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 2.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

No information provided by the Agency for Part 3.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

No information provided by the Agency for Part 4.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

# Reclamation District No. 1

**(Union Island)**

San Joaquin County

RD 1

## Contact

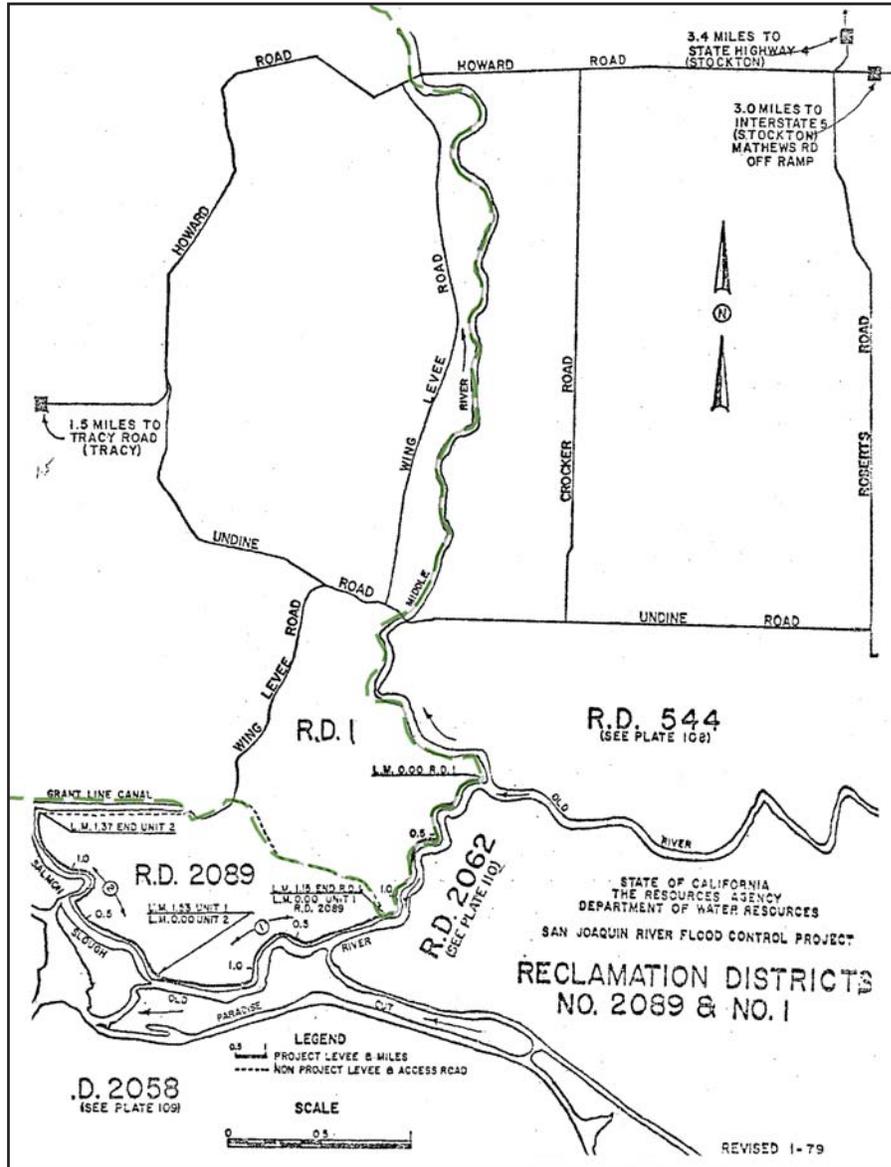
Bruno Marchini • Chairman

311 East Main Street, Suite 504 • Stockton CA 95202

Phone: (209) 943-5551

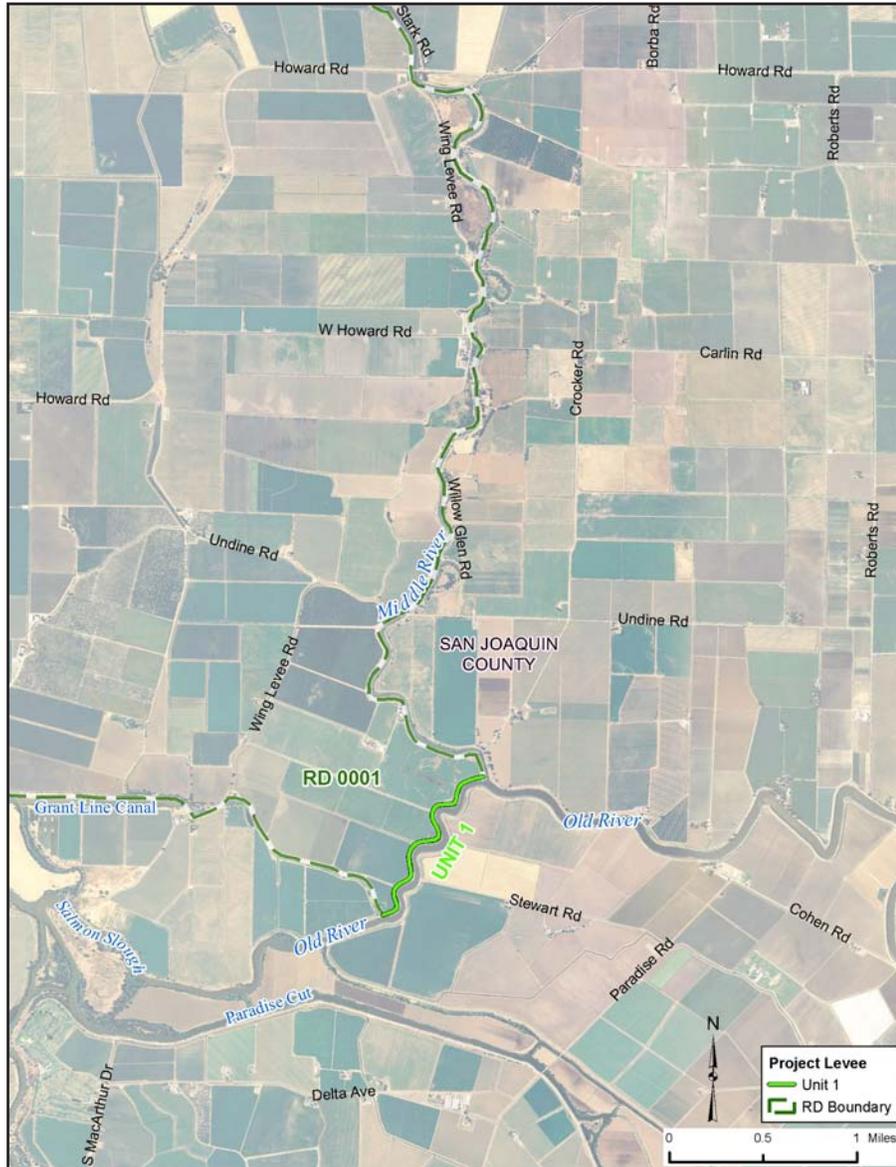
**SAN JOAQUIN SYSTEM: RECLAMATION DISTRICT NO. 1 (UNION ISLAND)**

RD 1



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD0001	Reclamation District No. 0001 (Union Island) Unit No. 01 Old River	RB	1.15



**USACE Operation and Maintenance Manual Information:**

**Title**

Right Banks of Old River and Salmon Slough Within Reclamation Districts No 1 and Reclamation Districts No 2089

**Unit No.**

San Joaquin River 8

**Protection Provided**

Levees along Old Rivers and Salmon Slough provide direct protection of adjacent agricultural lands within Reclamation Districts 1 and Reclamation Districts 2089. The project design flood for Old River below Middle River is 15,000 cfs and for Salmon Slough and Old River below Paradise Cut the flow is 30,000 cfs.

## Summary of Information Reported in 2010

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency directed the referencing of the latest FPIIB Levee Inspection Report.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency directed the referencing of the latest FPIIB Levee Inspection Report.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished. Activities include debris removal, encroachment control, flood emergency planning, inspections, levee drainage control, mitigation, roadway grading, repair, rodent control, vegetation control and waterside slope protection.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities. Expenses include costs of debris removal, encroachment control, flood emergency planning, inspections, levee drainage control, mitigation, roadway grading, repair, rodent control, vegetation control and waterside slope protection. The reported total estimated cost for the fiscal year is \$276,222.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

The Agency stated that they look forward to providing more accurate information in the future.

# Reclamation District No. 17

**(Mossdale)**

San Joaquin County

RD 17

## Contact

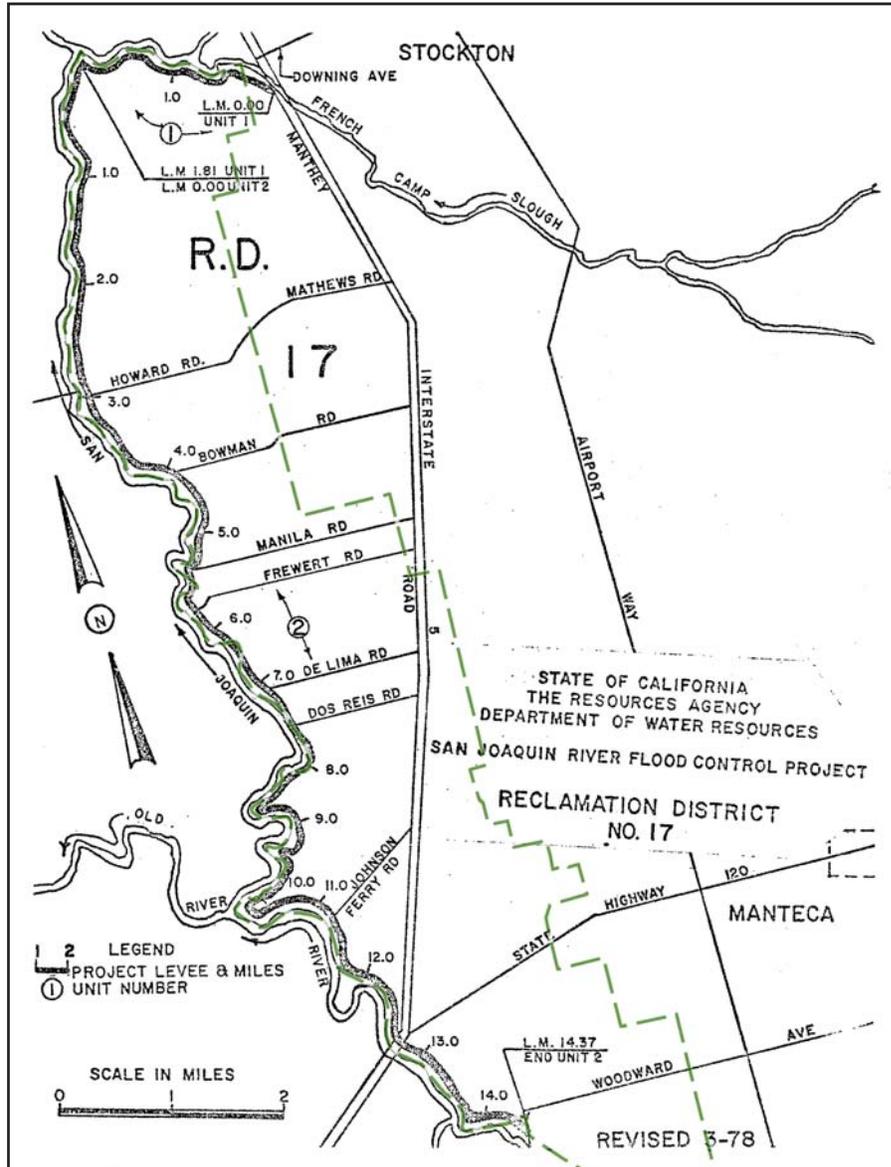
Henry Long • President

871 W Yettner • French Camp CA 95231

Phone: (209) 982-1356

**SAN JOAQUIN SYSTEM: RECLAMATION DISTRICT NO. 17 (MOSSDALE)**

**RD 17**



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD0017	Reclamation District No. 0017 (Mosssdale)		
	Unit No. 01 French Camp Slough	LB	1.79
	Unit No. 02 San Joaquin River	RB	14.45



**USACE Operation and Maintenance Manual Information:**

**Title**

Supplement to Standard Operation and Maintenance Manual, Lower San Joaquin River and Tributaries Project, California, Unit No.2, Right Bank Levee of San Joaquin River and Left Bank of French Camp Slough within Reclamation District 17

**Unit No.**

San Joaquin River 2

**Protection Provided**

Protection of adjacent 12,000 acres of agricultural, industrial, and residential lands within Reclamation District 17. Project design flood for San Joaquin River from French Camp Slough to Old River is 18,000 cfs and for San Joaquin River from Old River to Walthall Slough is 37,000 cfs. Project design flood for French Camp Slough is 3,000 cfs.

## Summary of Information Reported in 2010

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency directed the referencing of the latest FPIIB Levee Inspection Report.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency directed the referencing of the latest FPIIB Levee Inspection Report.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished for all levee units and the locations of these activities. Activities include debris removal, encroachment control, erosion repair, flood emergency planning, inspections, levee drainage control, levee toe repair, roadway grading, repair, rodent baiting, grouting, vegetation control and waterside slope protection.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities and the locations of these activities. Expenses include costs of debris removal, encroachment control, flood emergency planning, inspections, levee drainage control, roadway grading, repair, rodent baiting, grouting, vegetation control and waterside slope protection. The reported total estimated cost of routing activities for the fiscal year is \$500,000 to \$750,000. Additional work in progress for improvements through the State Early Implementation Projects will spend approximately \$80,000,000 over the next 3 years.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

The Agency stated that they look forward to providing more accurate information in the future.

# Reclamation District No. 404

**(Boggs)**

San Joaquin County

RD 404

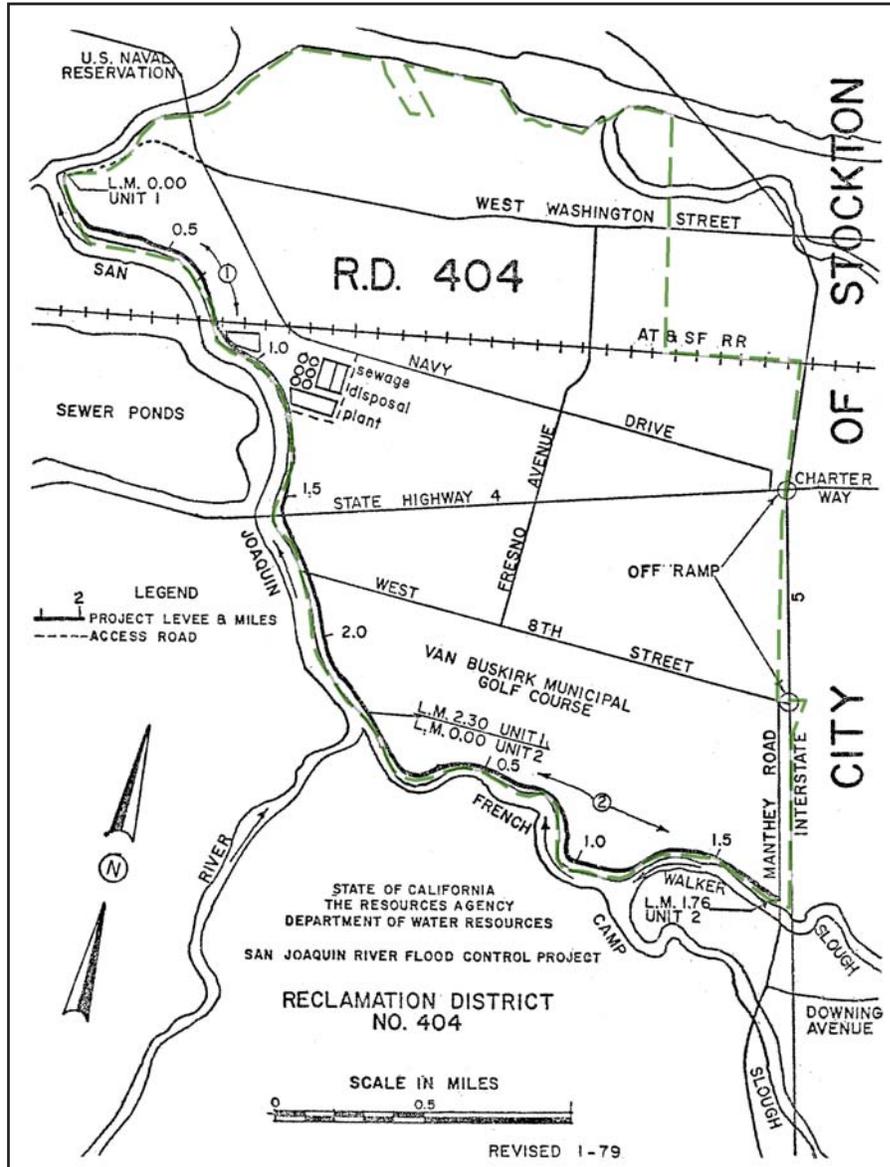
## Contact

Gary Gentry • President

P.O. Box 1461 • Stockton CA 95201

Phone: (209) 465-5883

**SAN JOAQUIN SYSTEM: RECLAMATION DISTRICT NO. 404 (BOGGS)**



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD0404	Reclamation District No. 0404 (Boggs)		
	Unit No. 01 San Joaquin River	RB	2.36
	Unit No. 02 French Camp Slough	RB	1.76



RD 404

**USACE Operation and Maintenance Manual Information:**

**Title**

Right Bank Levee of San Joaquin River and French Camp Slough within Reclamation District 404

**Unit No.**

San Joaquin River 1

**Protection Provided**

Levees along the right bank of the San Joaquin River and French Camp slough provide direct protection to about 2,000 acres of agricultural, industrial, and residential lands within Reclamation District 404. The project design flood for the San Joaquin River is 18,000 cfs and 2,000 cfs for French Camp Slough.

## Summary of Information Reported in 2010

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency stated that there was nothing to report.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency stated that there was nothing to report.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished for all levee units. Activities include erosion repair, rodent baiting and trapping.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities for all levee units. Expenses include costs of inspections, levee repair, roadway repair, rodent control and fallen tree removal. The reported total estimated cost for the fiscal year is \$70,000 to \$80,000 for the 4.12 miles of Project Levees and \$12,000 for the Non-project Levees maintained by the Agency.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

The Agency stated that there was nothing to report.

# Reclamation District No. 524

**(Middle Roberts Island)**

San Joaquin County

RD 524

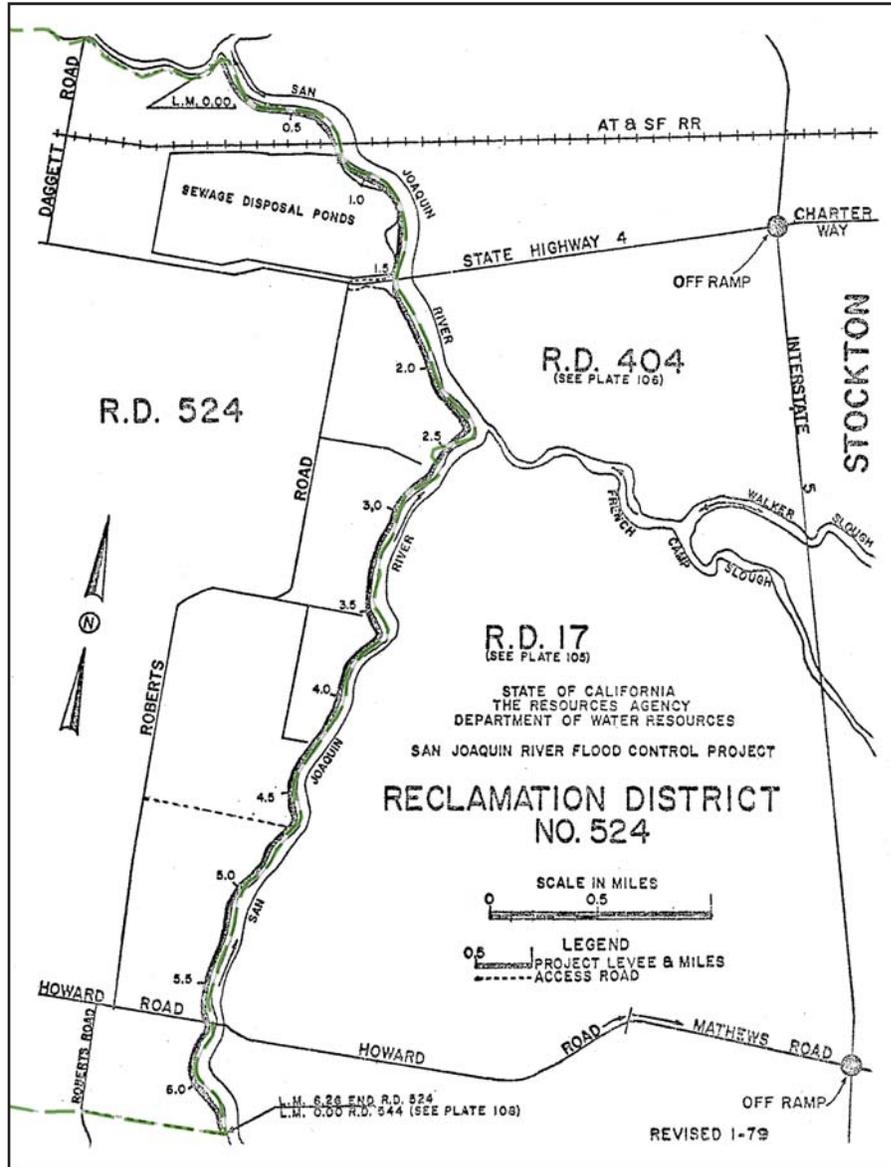
## Contact

Daniel Roza, Jr • President

6800 South Roberts Road • Stockton CA 95206

Phone: (209) 462-4906

**SAN JOAQUIN SYSTEM: RECLAMATION DISTRICT NO. 524 (MIDDLE ROBERTS ISLAND)**



**RD 524**

**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD0524	Reclamation District No. 0524 (Middle Roberts Island) Unit No. 01 San Joaquin River	LB	6.26



**USACE Operation and Maintenance Manual Information:**

**Title**

Supplement to Standard Operation and Maintenance Manual, Lower San Joaquin River and Tributaries Project, California, Unit No.7, West Levee of San Joaquin River and North Levee of Old River, Reclamation Districts 524 and 544

**Unit No.**

San Joaquin River 7

**Protection Provided**

Protection of adjacent agricultural land (Roberts Island). Project design flood for San Joaquin River is 18,000 cfs. Project design flood for Old River 19,000 cfs.

## Summary of Information Reported in 2010

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency directed the referencing of the latest FPIIB Levee Inspection Report.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency directed the referencing of the latest FPIIB Levee Inspection Report.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished. Activities include debris removal, encroachment control, flood emergency planning, inspections, levee drainage control, mitigation, roadway grading, repair, rodent control, vegetation control and waterside slope protection.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities. Expenses include costs of debris removal, encroachment control, flood emergency planning, inspections, levee drainage control, mitigation, roadway grading, repair, rodent control, vegetation control and waterside slope protection. The reported total estimated cost for the fiscal year is \$90,781.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

The Agency stated that they look forward to providing more accurate information in the future.

# Reclamation District No. 544

**(Upper Roberts Island)**

San Joaquin County

RD 544

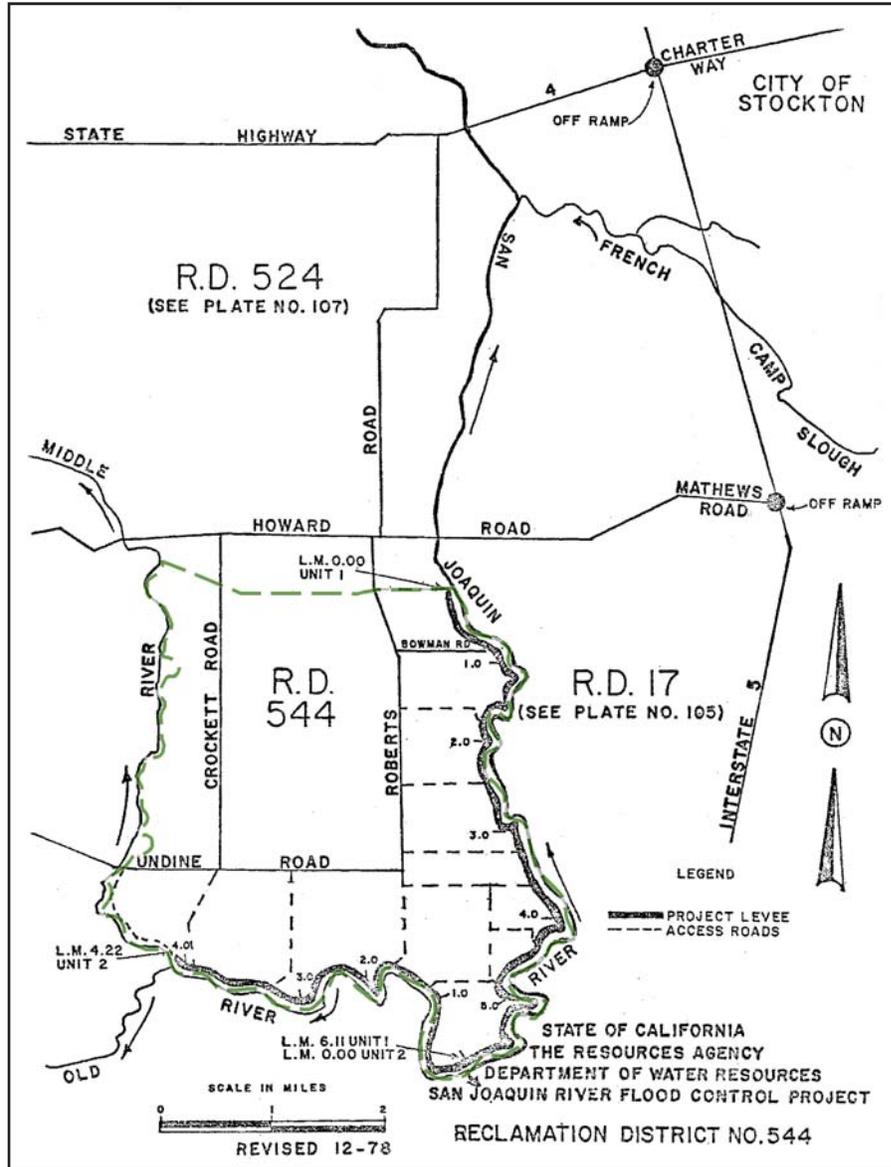
## Contact

Jerry Robinson • Chairman

311 East Main Street, Suite 504 • Stockton CA 95202

Phone: (209) 943-5551

**SAN JOAQUIN SYSTEM: RECLAMATION DISTRICT NO. 544 (UPPER ROBERTS ISLAND)**



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD0544	Reclamation District No. 0544 (Upper Roberts Island)		
	Unit No. 01 San Joaquin River	LB	6.11
	Unit No. 02 Old River	RB	4.22



**RD 544**

**USACE Operation and Maintenance Manual Information:**

**Title**

Supplement to Standard Operation and Maintenance Manual, Lower San Joaquin River and Tributaries Project, California, Unit No.7, West Levee of San Joaquin River and North Levee of Old River, Reclamation Districts 524 and 544

**Unit No.**

San Joaquin River 7

**Protection Provided**

Protection of adjacent agricultural land (Roberts Island). Project design flood for San Joaquin River is 18,000 cfs. Project design flood for Old River 19,000 cfs.

## Summary of Information Reported in 2010

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency directed the referencing of the latest Levee Inspection Report.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency directed the referencing of the latest Levee Inspection Report.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished for all levee units. Activities include debris removal, encroachment control, flood emergency planning, inspections, levee drainage control, mitigation, roadway grading, repair, rodent control, vegetation control and waterside slope protection.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities for all levee units. Expenses include costs of debris removal, encroachment control, flood emergency planning, inspections, levee drainage control, mitigation, roadway grading, repair, rodent control, vegetation control and waterside slope protection. The reported total estimated cost for the fiscal year is \$242,047.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

The Agency stated that they look forward to providing more accurate information in the future.

# Reclamation District No. 1602 (Del Puerto) San Joaquin County

RD 1602

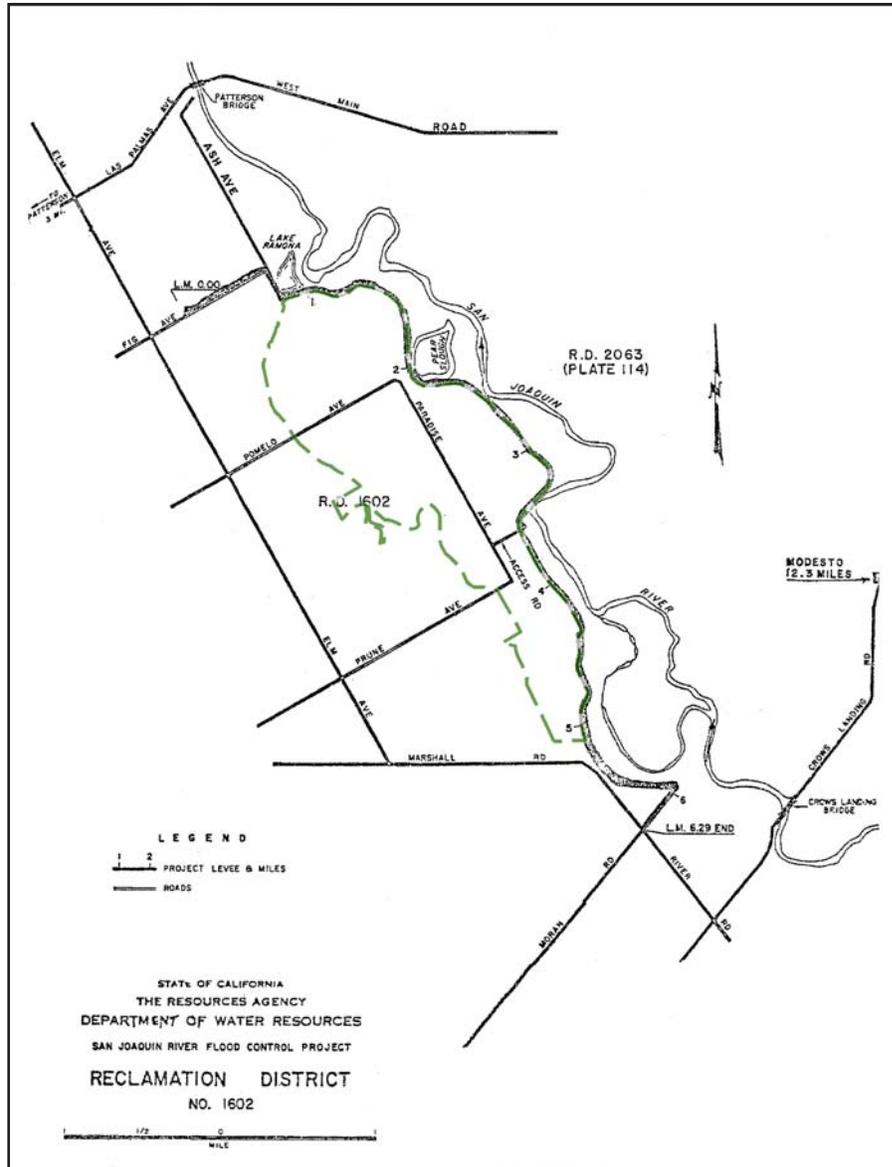
## Contact

Doug Dalton • Manager

District Office • 2012 Apple Avenue

Patterson CA 95363 • Phone: (209) 605-7117

**SAN JOAQUIN SYSTEM: RECLAMATION DISTRICT NO. 1602 (DEL PUERTO)**



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD1602	Reclamation District No. 1602 (Del Puerto) Unit No. 01 San Joaquin River	LB	6.29



RD 1602

**USACE Operation and Maintenance Manual Information:**

**Title**

West Levee of the San Joaquin River in Reclamation District 1602

**Unit No.**

San Joaquin River 13

**Protection Provided**

The levee of the San Joaquin River provides direct protection to adjacent agricultural land within Reclamation District 1602. The project design flood for the San Joaquin River is 45,000 cfs.

## Summary of Information Reported in 2010

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported squirrel borrows, sloughing caused by unauthorized vehicle traffic and unauthorized encroachments.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency stated that small problems existed and referred to the FPIIB levee report for locations.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished. Activities include roadway maintenance, rodent baiting, trapping and vegetation mowing.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities. Expenses include costs of roadway maintenance, rodent control, slope dragging, vegetation mowing, spraying, tree removal and trimming. The reported total estimated cost for the fiscal year is \$12,000.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

The Agency stated that there was nothing to report.

# Reclamation District No. 2031 (Elliot) Stanislaus County

RD 2031

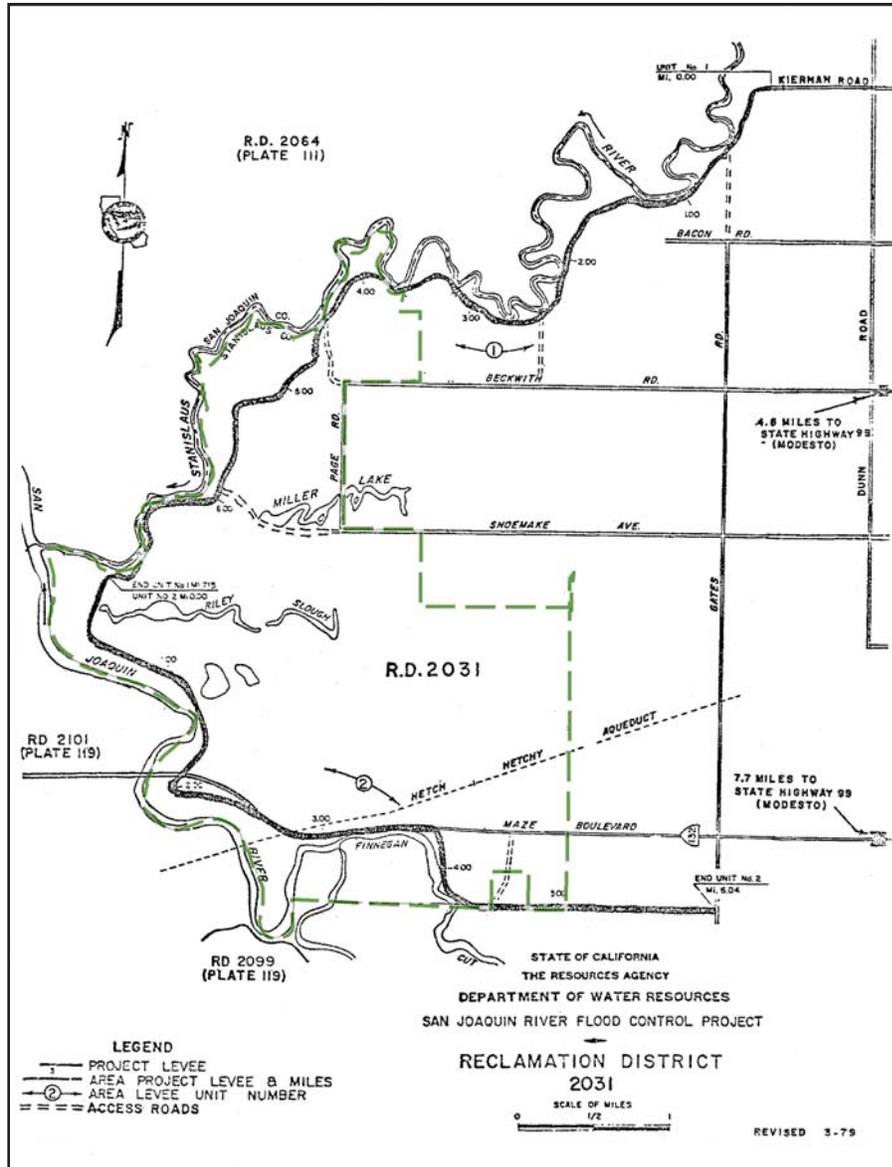
## Contact

William Lyons, Jr • Manager

10555 Maze Blvd. • Modesto CA 95358

Phone: (209) 522-1762

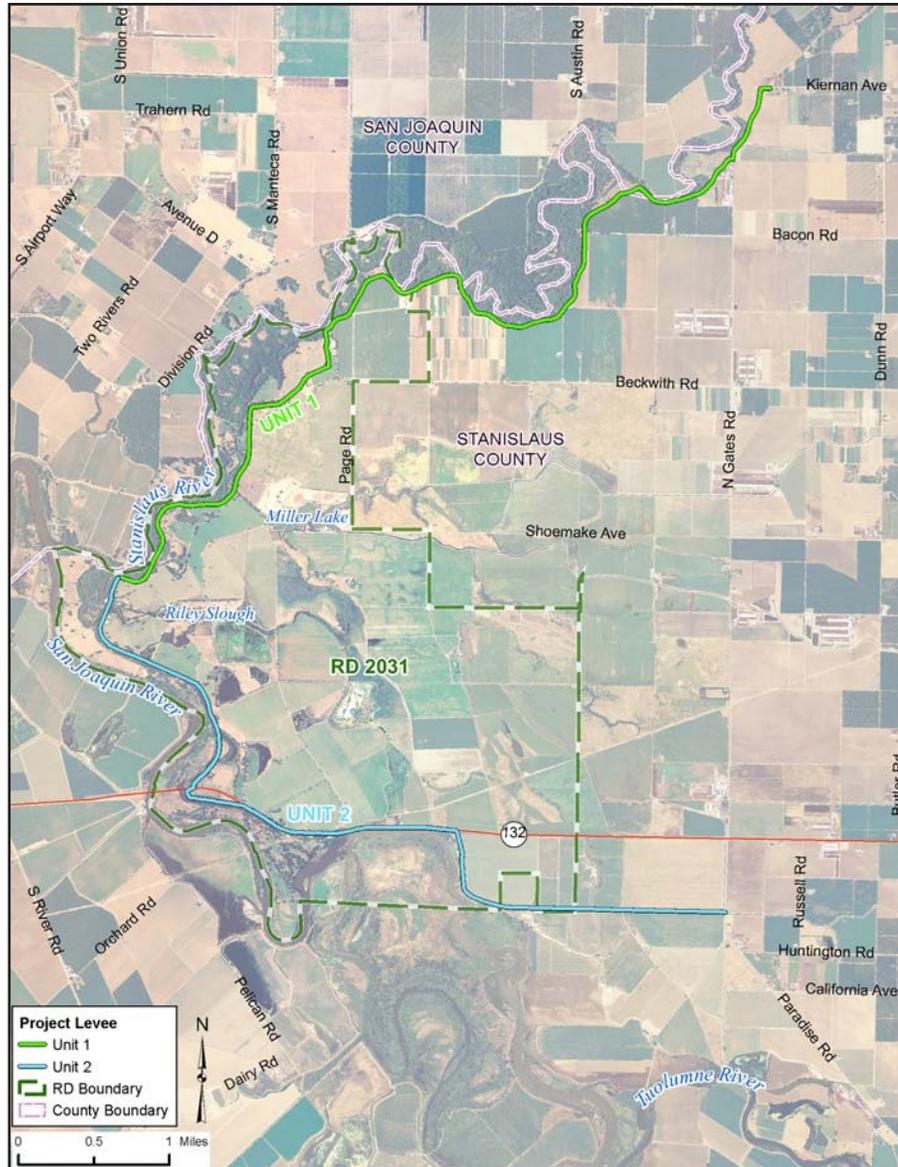
**SAN JOAQUIN SYSTEM: RECLAMATION DISTRICT NO. 2031 (ELLIOT)**



**RD 2031**

**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD2031	Reclamation District No. 2031 (Elliot)		
	Unit No. 01 Stanislaus River	LB	7.15
	Unit No. 02 San Joaquin River	RB	6.04



**RD 2031**

**USACE Operation and Maintenance Manual Information:**

**Title**

Supplement to Standard Operation and Maintenance Manual, Lower San Joaquin River and Tributaries Project, California, Unit No.4, East Levee of San Joaquin River within Reclamation District 2031

**Unit No.**

San Joaquin River 4

**Protection Provided**

Protection of adjacent agricultural land. Project design is 15,000 cfs for Tuolumne River, 46,000 cfs for San Joaquin River, and 12,000 cfs for Stanislaus River.

**Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 1.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 2.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

No information provided by the Agency for Part 3.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

No information provided by the Agency for Part 4.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

# Reclamation District No. 2058 (Pescadero) San Joaquin County

RD 2058

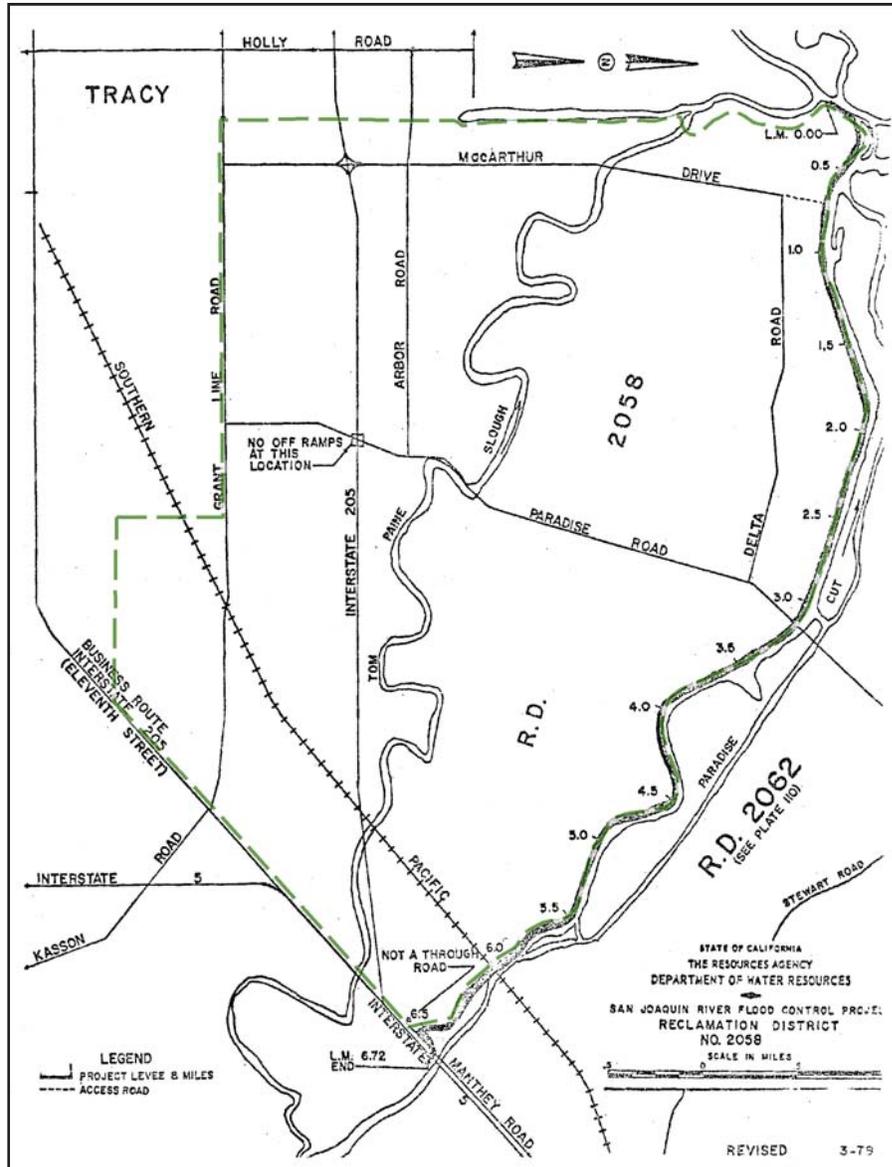
## Contact

Nat Bacchetti • President

District Office • 3650 West Canal Boulevard

Tracy CA 95304 • Phone: (209) 835-2293

**SAN JOAQUIN SYSTEM: RECLAMATION DISTRICT NO. 2058 (PESCADERO)**



**RD 2058**

**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD2058	Reclamation District No. 2058 (Pescadero) Unit No. 01 Paradise Cut	LB	6.71



**RD 2058**

**USACE Operation and Maintenance Manual Information:**

**Title**

West Level of Paradise Cut Reclamation District 2058 and San Joaquin County Flood Control District, Area No. 2

**Unit No.**

San Joaquin River 10

**Protection Provided**

Levees along Paradise Cut provide direct protection to adjacent agricultural land within Reclamation Districts 2058 and the San Joaquin County Flood District. The project design flood for Paradise Cut is 15,000 cfs.

## Summary of Information Reported in 2010

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported seepage, beaver dams, open access gates, and limitations on vegetation maintenance directed by US Fish and Wildlife.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported limitations on vegetation maintenance directed by US Fish and Wildlife.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency reported vegetation grazing.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency reported plans for vegetation grazing. The reported total estimated cost for the fiscal year is \$40,000 to \$50,000.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

The agency noted DWR inspections.

# Reclamation District No. 2062 (Stewart) San Joaquin County

RD 2062

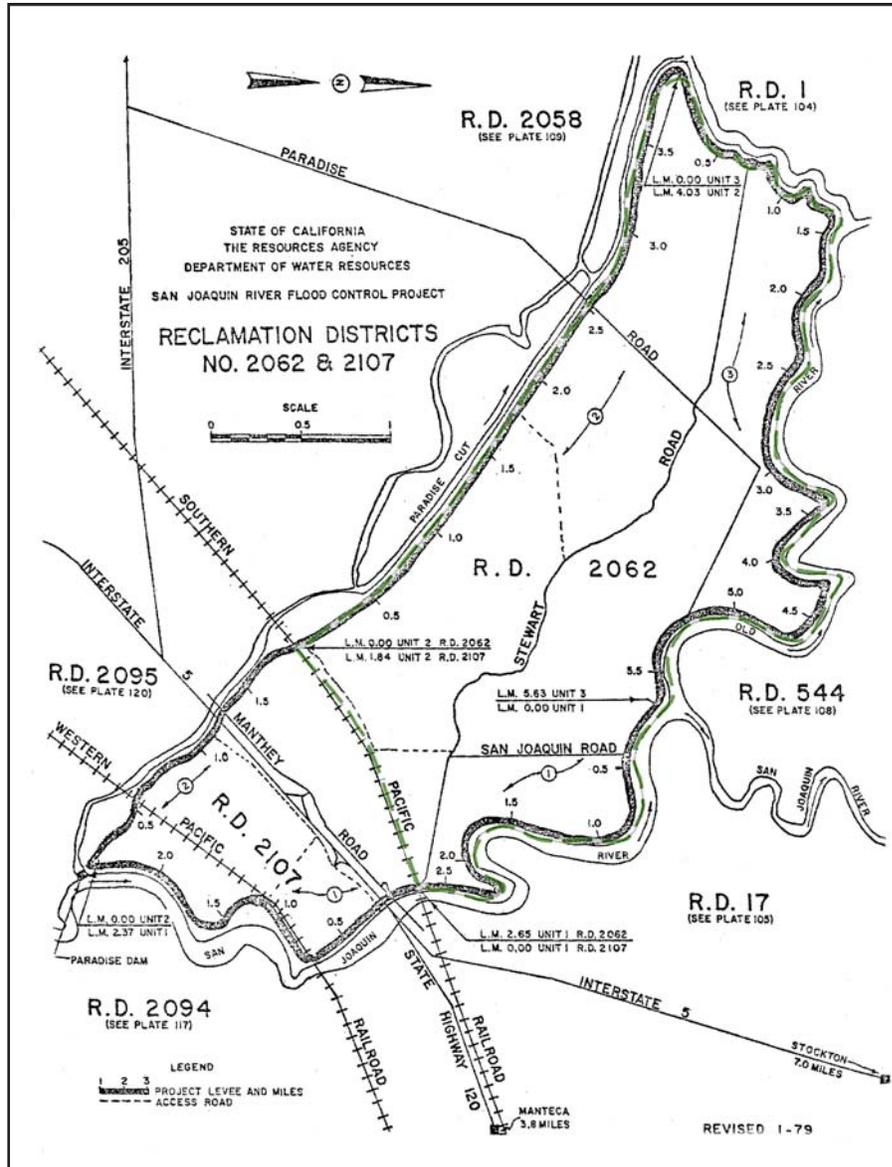
## Contact

Susan Dell-Osso • President

District Office • 73 West Stewart Road

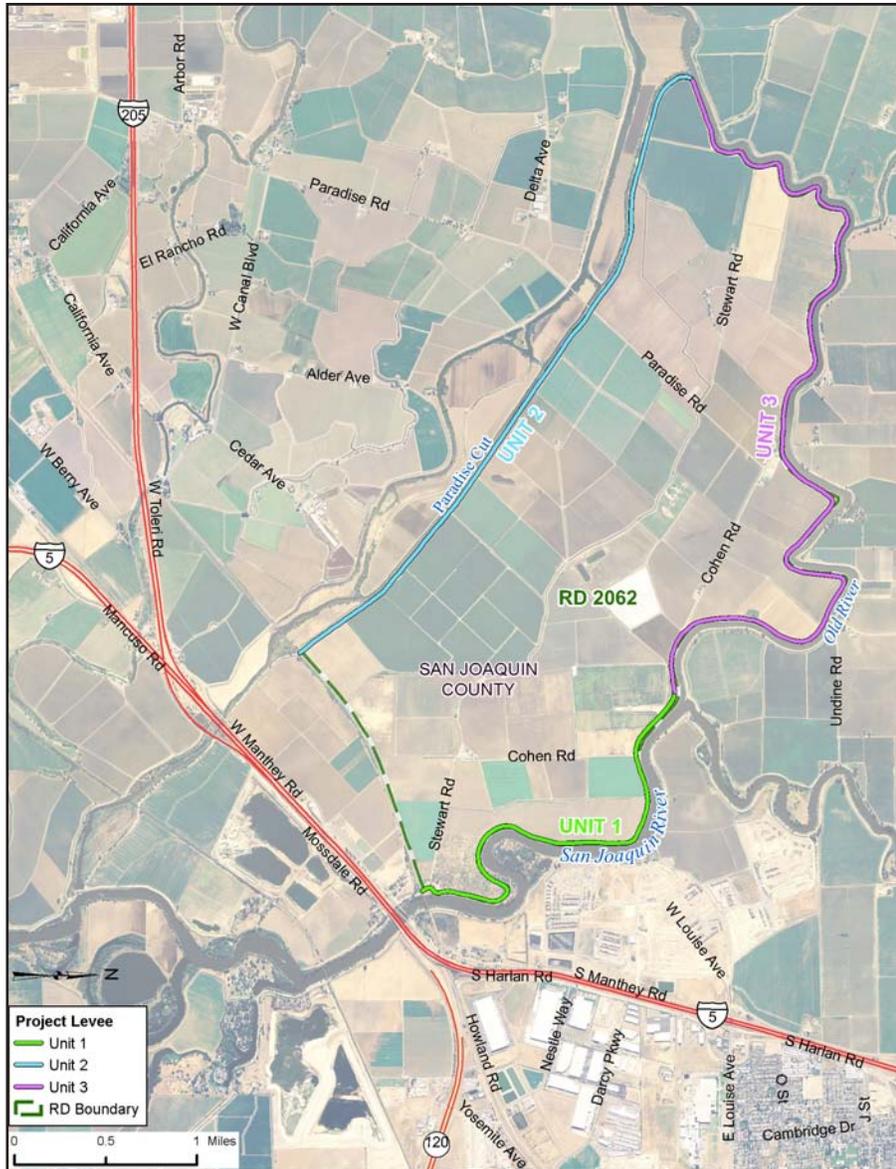
Lathrop CA 95330 • Phone: (209) 879-7900

**SAN JOAQUIN SYSTEM: RECLAMATION DISTRICT NO. 2062 (STEWART)**



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD2062	Reclamation District No. 2062 (Stewart)		
	Unit No. 01 San Joaquin River	LB	2.69
	Unit No. 02 Paradise Cut	RB	4.03
	Unit No. 03 Old River	LB	5.63



**RD 2062**

**USACE Operation and Maintenance Manual Information:**

**Title**

No information available at time of printing.

**Unit No.**

No information available at time of printing.

**Protection Provided**

No information available at time of printing.

## Summary of Information Reported in 2010

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported that the relevant conditions do not differ from the FPIIB Spring and Fall Levee Inspection Reports.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency stated that no impairments or compromising conditions are known beyond conditions denoted by the Division of Flood Management.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished for all levee units and the locations of these activities. Activities include inspections, roadway grading, maintenance, vegetation disking, grazing, spraying and tree trimming.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities for all levee units and the locations of these activities. Expenses include costs of erosion repair, inspections, permitting, roadway grading, maintenance, vegetation disking, grazing, spraying and tree trimming. The reported total estimated cost for the fiscal year is \$142,000.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

The Agency stated that there is no new information available to the Agency to report on levee condition or performance.

# Reclamation District No. 2063 (Crows Landing)

Stanislaus County  
Merced County

RD 2063

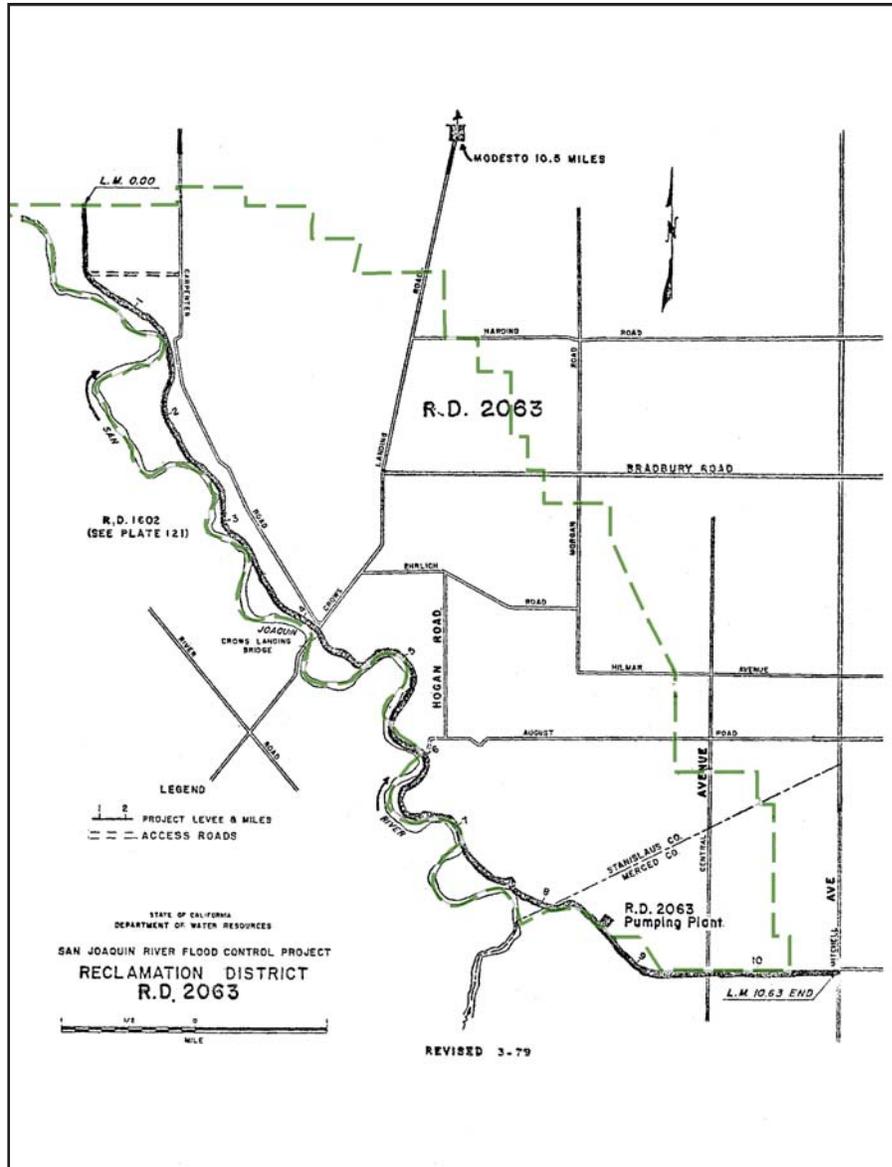
## Contact

Joe Sallaberry • President

5780 South Central • Turlock CA 95380

Phone: (209) 587-2305

**SAN JOAQUIN SYSTEM: RECLAMATION DISTRICT NO. 2063 (CROWS LANDING)**



**RD 2063**

**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD2063	Reclamation District No. 2063 (Crows Landing) Unit No. 01 San Joaquin River	RB	10.63



**RD 2063**

**USACE Operation and Maintenance Manual Information:**

**Title**

Supplement to Standard Operation and Maintenance Manual, Lower San Joaquin River and Tributaries Project, California, Unit No.6, East Levee of the San Joaquin River in Reclamation Districts 2063 and 2091

**Unit No.**

San Joaquin River 6

**Protection Provided**

Protection of adjacent agricultural land. Project design is 45,000 cfs for San Joaquin River.

## Summary of Information Reported in 2010

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported increased vegetative growth due to weather conditions. This vegetation was sprayed twice in addition to a soil sterilizer application.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported the inability to locate an erosion site identified in a DWR inspection.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished. Activities include encroachment control, legal services, minor structure repair, maintenance, rodent baiting, vegetation tree trimming and spraying.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The reported total estimated cost for the fiscal year is \$52,000.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

The Agency noted that the County of Stanislaus desires removal from the Joint Powers Agreement for Gomes Lake. The Agency also noted a budget reduction caused by the State of California borrowing Agency funds.

# Reclamation District No. 2064 (River Junction) San Joaquin County

RD 2064

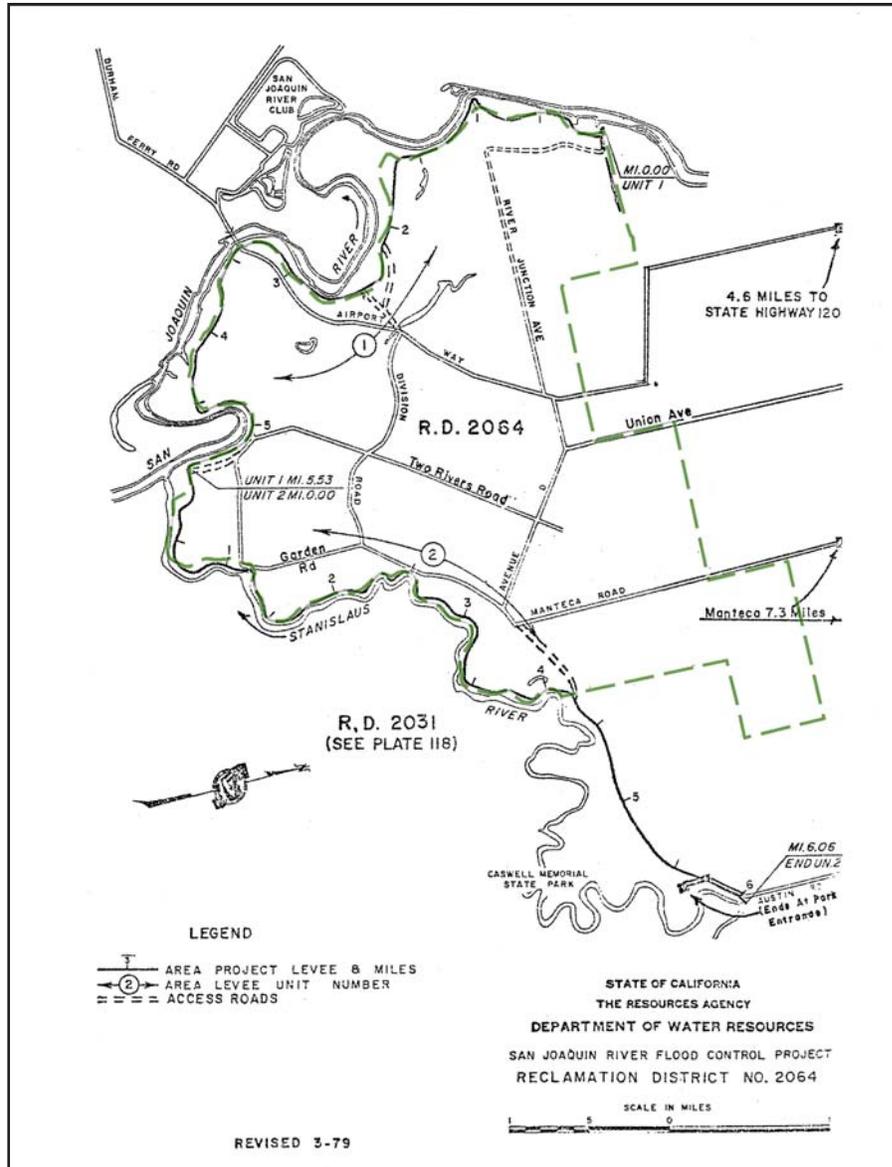
## Contact

Donald Machado • President

District Office • P.O. Box 690695

Stockton CA 95269 • Phone: (209) 602-3474

**SAN JOAQUIN SYSTEM: RECLAMATION DISTRICT NO. 2064 (RIVER JUNCTION)**



**RD 2064**

**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD2064	Reclamation District No. 2064 (River Junction)		
	Unit No. 01 San Joaquin River	RB	5.70
	Unit No. 02 Stanislaus River	RB	6.20



**RD 2064**

**USACE Operation and Maintenance Manual Information:**

**Title**

Supplement O&M Manual, Unit No.3A Weatherbee Lake Pumping Plant & Navigation Gate

**Unit No.**

San Joaquin River 3

**Protection Provided**

No information available at time of printing.

## Summary of Information Reported in 2010

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency summarized gate repair and maintenance activities performed in all levee units. The Agency also noted rodent burrows in all levee units. The Agency identified bank erosion at Levee Unit 1, LM 2.0 to 2.5. Repair is planned for this 2200-foot erosion site.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 2.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished for all levee units. Activities include encroachment control, inspections, insurance, dues and legal services.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The reported total estimated cost for the fiscal year is \$98,500.00.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

The Agency reported a pending levee repair at Levee Unit 1, LM 2.0 to 2.5.

# Reclamation District No. 2075 (McMullin) San Joaquin County

RD 2075

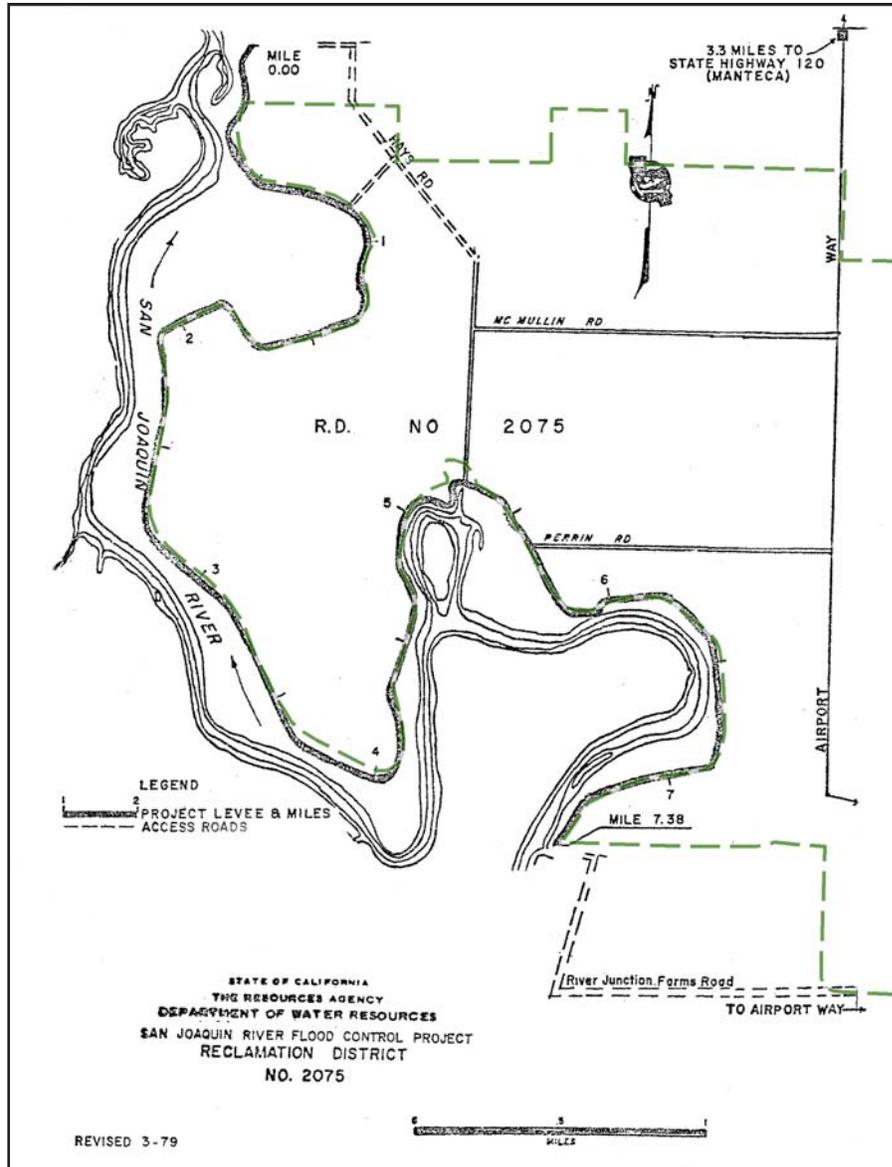
## Contact

Eddy Cardoza • President

311 East Main Street, Suite 504 • Stockton CA 95202

Phone: (209) 943-5551

**SAN JOAQUIN SYSTEM: RECLAMATION DISTRICT NO. 2075 (MCMULLIN)**



**RD 2075**

**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD2075	Reclamation District No. 2075 (McMullin) Unit No. 01 San Joaquin River	RB	7.52



RD 2075

**USACE Operation and Maintenance Manual Information:**

**Title**

Supplement O&M Manual, Unit No.3A Weatherbee Lake Pumping Plant & Navigation Gate

**Unit No.**

San Joaquin River 3

**Protection Provided**

No information available at time of printing.

## Summary of Information Reported in 2010

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 1.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 2.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

No information provided by the Agency for Part 3.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

No information provided by the Agency for Part 4.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

# Reclamation District No. 2085

**(Kasson)**

San Joaquin County

## Contact

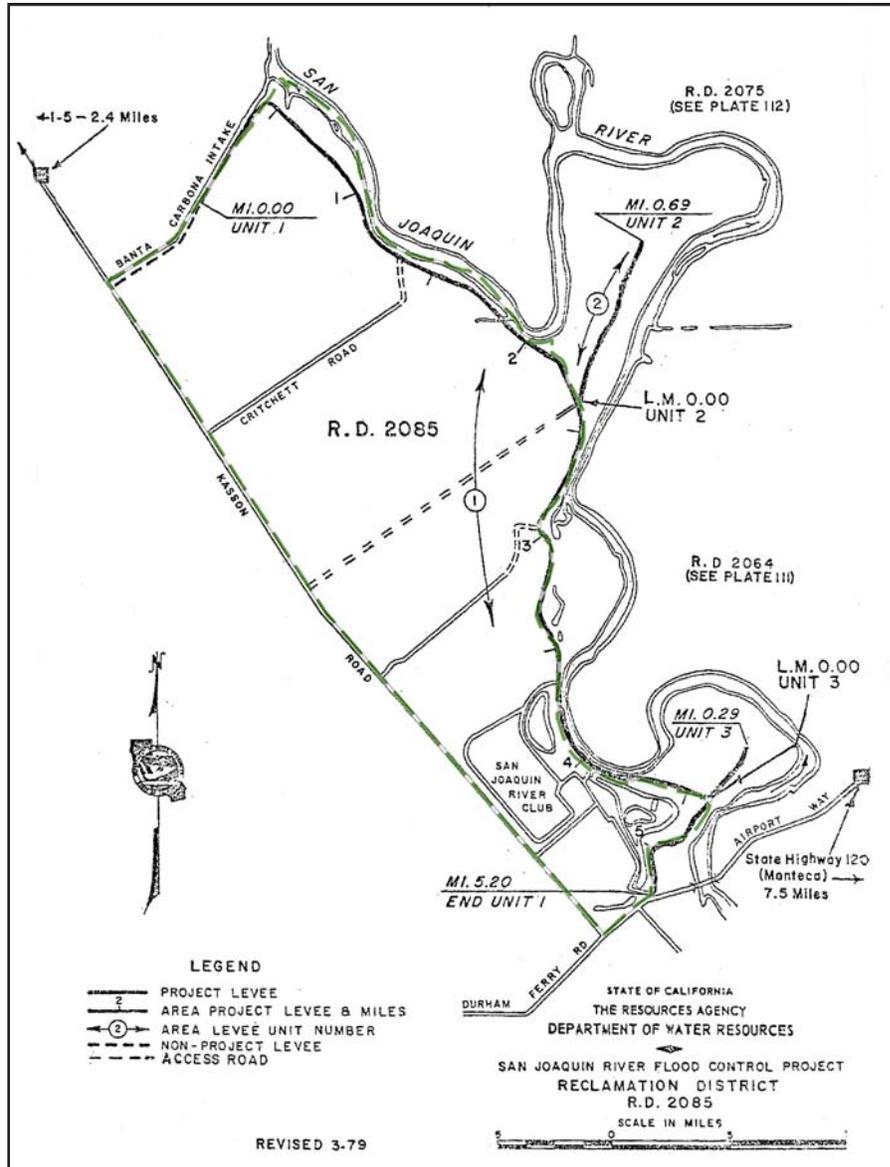
Ralph Timan • President

7541 W Rena • Tracy CA 95304

Phone: (209) 241-6793

RD 2085

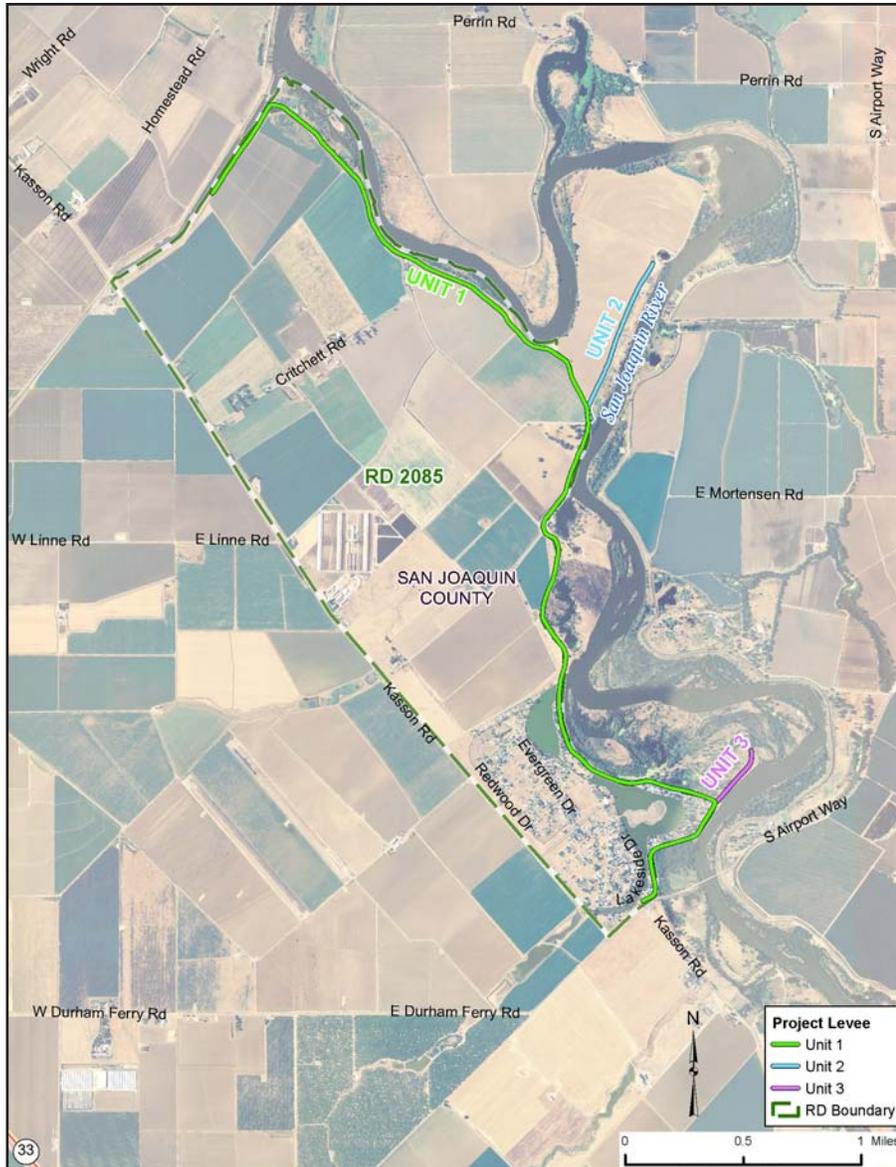
**SAN JOAQUIN SYSTEM: RECLAMATION DISTRICT NO. 2085 (KASSON)**



**RD 2085**

**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD2085	Reclamation District No. 2085 (Kasson)		
	Unit No. 01 San Joaquin River	LB	5.20
	Unit No. 02 San Joaquin River		0.69
	Unit No. 03 San Joaquin River		0.29



**RD 2085**

**USACE Operation and Maintenance Manual Information:**

**Title**

West Levee of San Joaquin River from Durham Bridge to Paradise Dam within Reclamation Districts 2085 and Reclamation Districts 2095

**Unit No.**

San Joaquin River 11

**Protection Provided**

Levees along the San Joaquin River provide direct protection to adjacent agricultural land within Reclamation Districts 2085 and 2095. The project design flood for the San Joaquin River is 52,000 cfs.

## Summary of Information Reported in 2010

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 1.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 2.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished. Activities include inspections, gate repair, maintenance, rodent baiting, vegetation spraying and tree trimming.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities. Expenses include costs of accounting, California Department of Fish and Game Resource Management Agreement fees, engineering, gate maintenance, insurance, legal and administrative services, permits, rodent baiting, vegetation burning, mowing and spraying. The reported total estimated cost for the fiscal year is \$22,476.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

The Agency noted a Resource Management Agreement with the California Department of Fish and Game.

# Reclamation District No. 2089

**(Stark)**

San Joaquin County

## Contact

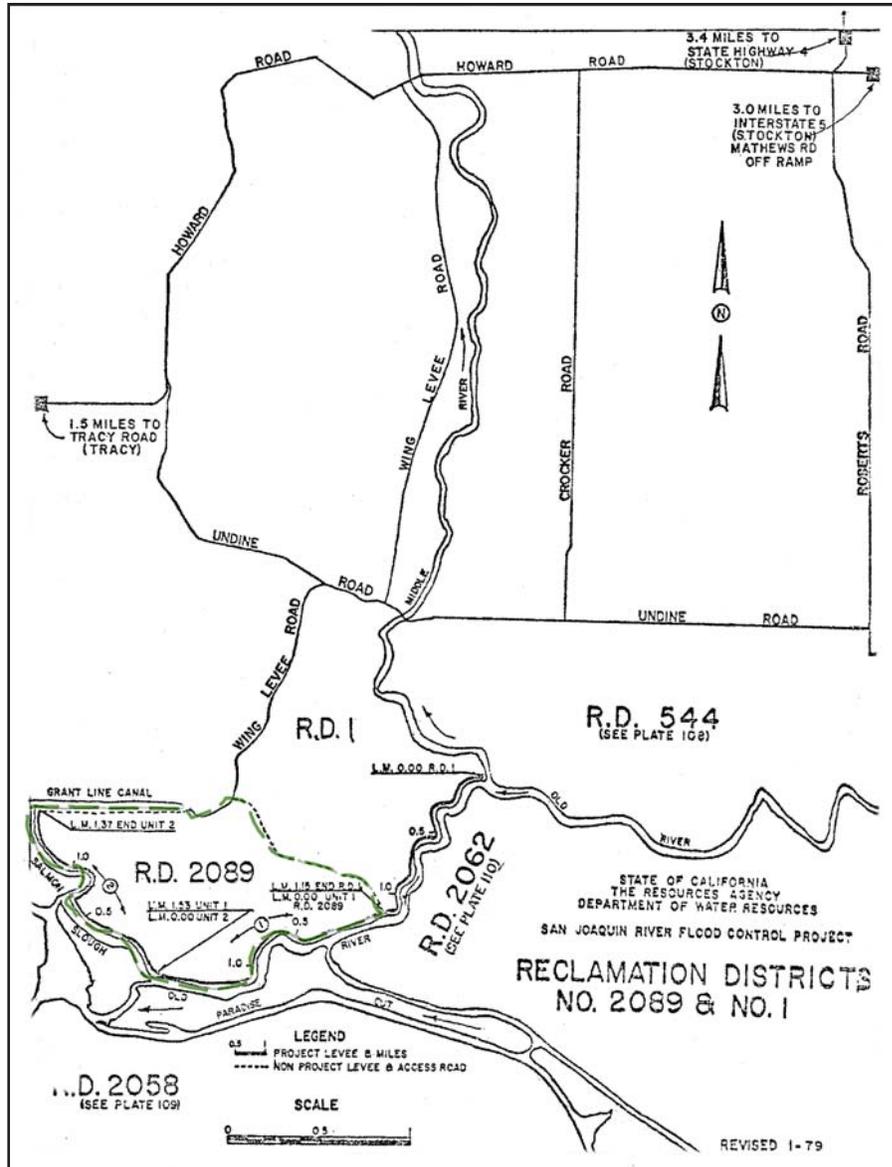
Michael Gikas • Chairman

311 East Main Street, Suite 504 • Stockton CA 95202

Phone: (209) 943-5551

RD 2089

**SAN JOAQUIN SYSTEM: RECLAMATION DISTRICT NO. 2089 (STARK)**



**RD 2089**

**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD2089	Reclamation District No. 2089 (Stark)		
	Unit No. 01 Old River	RB	1.53
	Unit No. 02 Salmon Slough	RB	1.37



**USACE Operation and Maintenance Manual Information:**

**RD 2089**

**Title**

Right Banks of Old River and Salmon Slough Within Reclamation Districts No 1 and Reclamation Districts No 2089

**Unit No.**

San Joaquin River 8

**Protection Provided:**

Levees along Old Rivers and Salmon Slough provide direct protection of adjacent agricultural lands within Reclamation Districts 1 and Reclamation Districts 2089. The project design flood for Old River below Middle River is 15,000 cfs and for Salmon Slough and Old River below Paradise Cut the flow is 30,000 cfs.

## Summary of Information Reported in 2010

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency directed the referencing of the latest FPIIB Levee Inspection Report.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency directed the referencing of the latest FPIIB Levee Inspection Report.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished for all levee units. Activities include debris removal, encroachment control, flood emergency planning, inspections, levee drainage control, mitigation, roadway grading, repair, rodent control, vegetation control and waterside slope protection.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities for all levee units. Expenses include costs of debris removal, encroachment control, flood emergency planning, inspections, levee drainage control, mitigation, roadway grading, repair, rodent control, vegetation control and waterside slope protection. The reported total estimated cost for the fiscal year is \$25,412.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

The Agency stated that they look forward to providing more accurate information in the future.

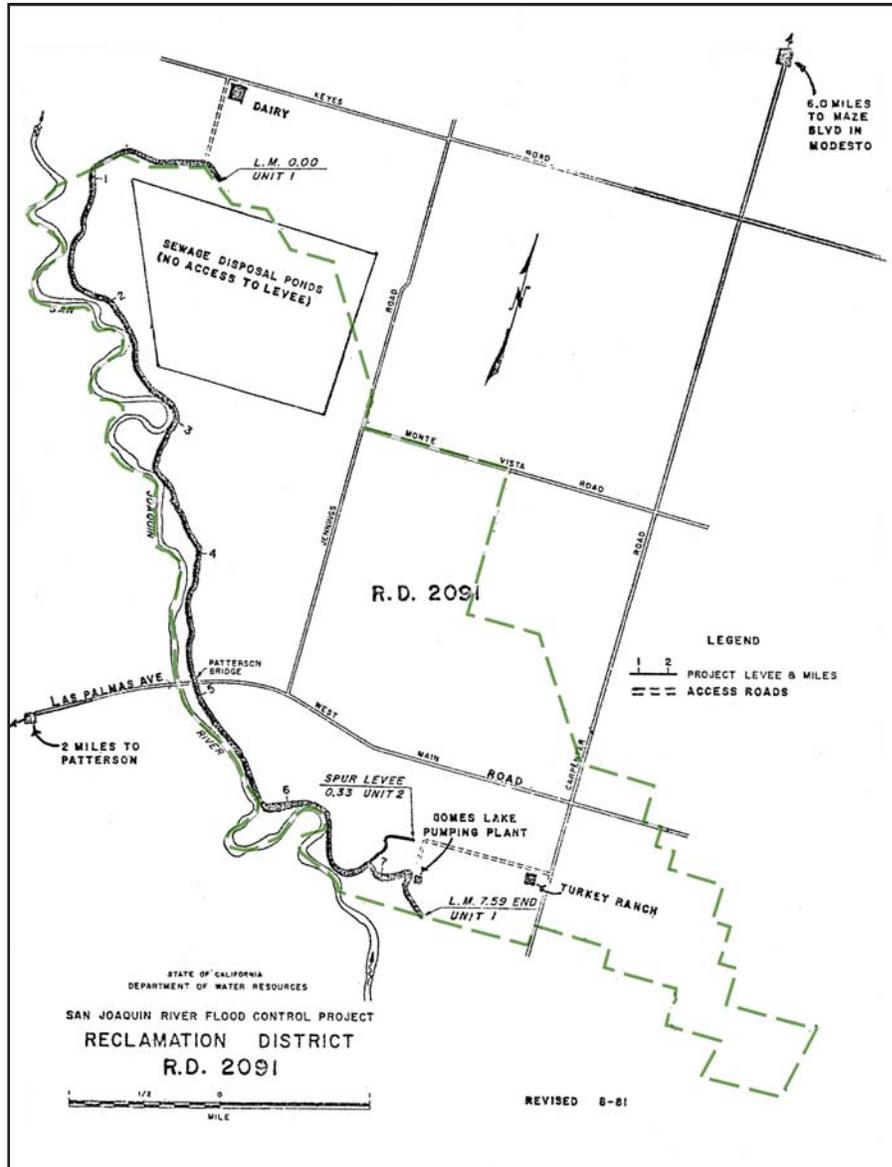
# Reclamation District No. 2091 (Chase) Stanislaus County

## Contact

Wendel Trinkler, Jr • President  
7007 Jennings Road • Modesto CA 95358  
Phone: (209) 537-9883

RD 2091

**SAN JOAQUIN SYSTEM: RECLAMATION DISTRICT NO. 2091 (CHASE)**



**Levee Information:**

**RD 2091**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD2091	Reclamation District No. 2091 (Chase)		
	Unit No. 01 San Joaquin River	RB	7.59
	Unit No. 02 San Joaquin River	NA	0.33



**Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 1.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 2.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

No information provided by the Agency for Part 3.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

No information provided by the Agency for Part 4.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

# Reclamation District No. 2092

## (Dos Rios)

Stanislaus County

### Contact

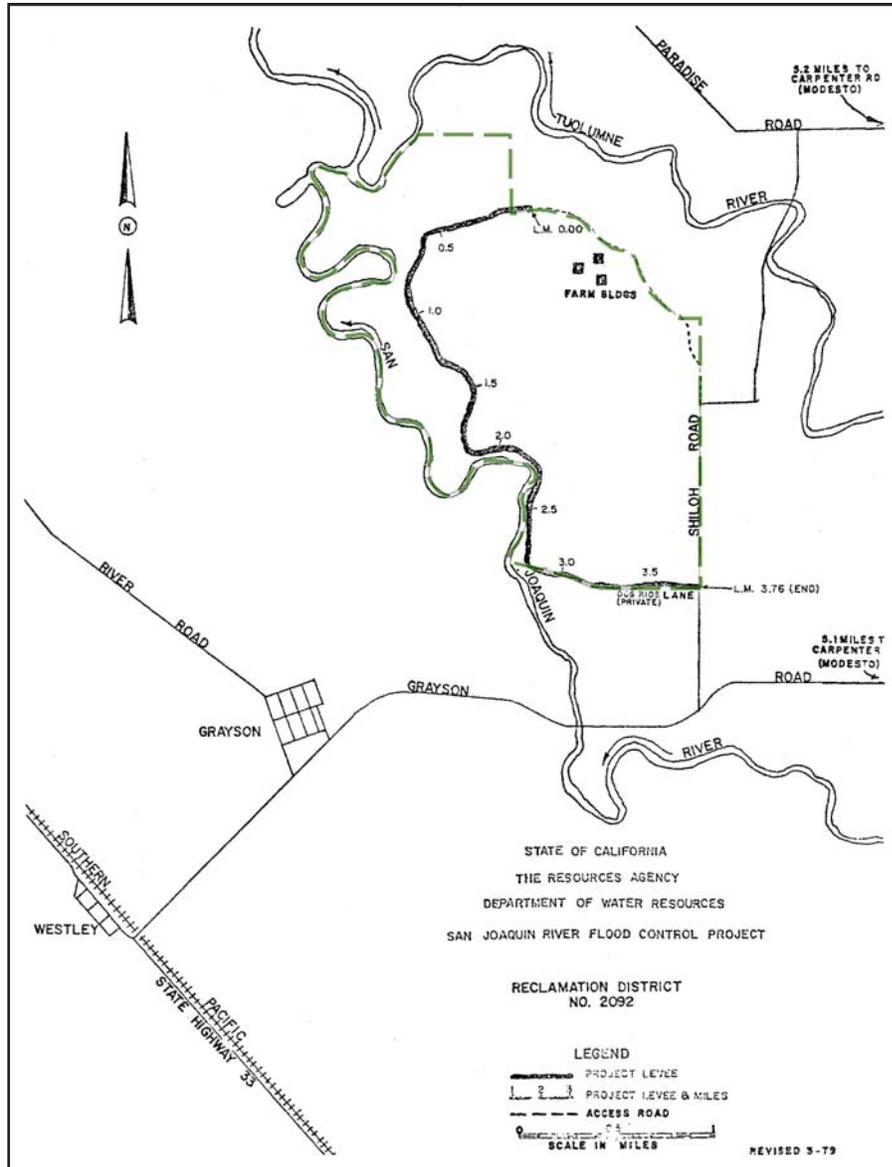
Bill Lyons • Manager

10555 Maze Blvd • Modesto CA 95358

Phone: (209) 522-1767

RD 2092

**SAN JOAQUIN SYSTEM: RECLAMATION DISTRICT NO. 2092 (DOS RIOS)**



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD2092	Reclamation District No. 2092 (Dos Rios) Unit No. 01 San Joaquin River	RB	3.76



**USACE Operation and Maintenance Manual Information:**

**Title**

Supplement to Standard Operation and Maintenance Manual, Lower San Joaquin River and Tributaries Project, California, Unit No.5, East Levee of the San Joaquin River within Reclamation District 2092

**RD 2092**

**Unit No.**

San Joaquin River 5

**Protection Provided**

Protection of adjacent agricultural land. Project design is 15,000 cfs for Tuolumne River and 45,000 cfs for San Joaquin River. Particularly along Tuolumne, project protection not complete until New Don Pedro Dam is constructed (Don Pedro Dam completed in 1971).

**Summary of Information Reported in 2010**

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 1.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 2.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

No information provided by the Agency for Part 3.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

No information provided by the Agency for Part 4.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

# Reclamation District No. 2094 (Walthall) San Joaquin County

## Contact

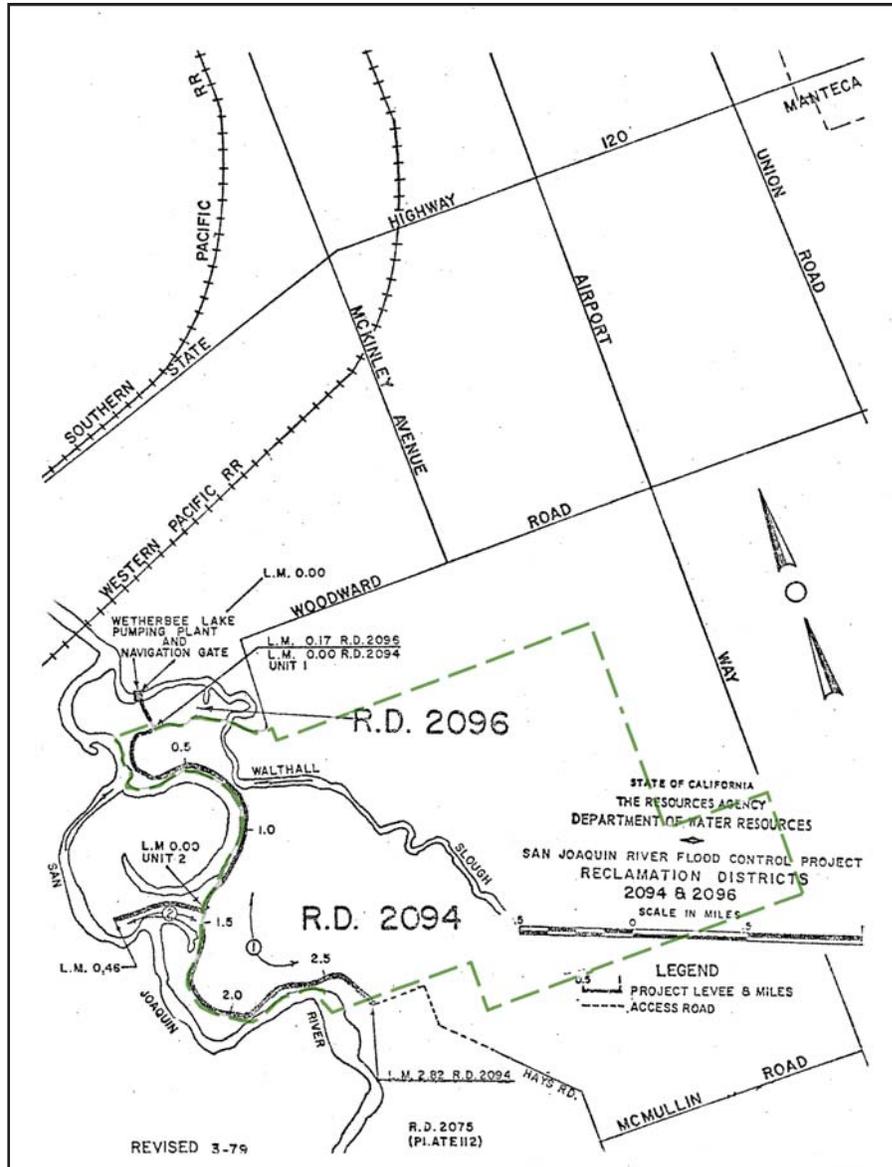
Brian Mizuno • President

P.O. Box 871 • Manteca CA 95336

Phone: (209) 239-4014

RD 2094

**SAN JOAQUIN SYSTEM: RECLAMATION DISTRICT NO. 2094 (WALTHALL)**



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD 2094	<b>RD2094</b>		
	Reclamation District No. 2094 (Wathal)		
	Unit No. 01 San Joaquin River	RB	2.82
	Unit No. 02 San Joaquin River		0.46



**USACE Operation and Maintenance Manual Information:**

**Title**

Supplement O&M Manual, Unit No.3A Weatherbee Lake Pumping Plant & Navigation Gate

**RD 2094**

**Unit No.**

San Joaquin River 3

**Protection Provided**

No information available at time of printing.

## Summary of Information Reported in 2010

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported seepage and grade issues throughout Levee Unit 1.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported seepage, grade and rodent issues throughout Levee Unit 1 and identified an unauthorized protective levee built adjacent to the Project Levee at Levee Unit 1, LM 0.20. The Agency also identified bank erosion at Levee Unit 1, LM 0.30 and 0.50. The Agency identified river migration at Levee Unit 2, LM 0.1 to 0.46.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished for all levee units and the locations of these activities. Activities include roadway grading, graveling, rodent control, vegetation control and dragging.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of maintenance activities accomplished for all levee units and the locations of these activities. Activities include roadway grading, graveling, rodent control, vegetation control and dragging.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

The Agency reported the landside levee slope being too steep at Levee Unit 1, LM 0.00 to 0.69. The Agency also noted that an unauthorized levee at Levee Unit 1, LM 0.2 changes the course of the river during high water elevations.

# Reclamation District No. 2095 (Paradise Cut) San Joaquin County

## Contact

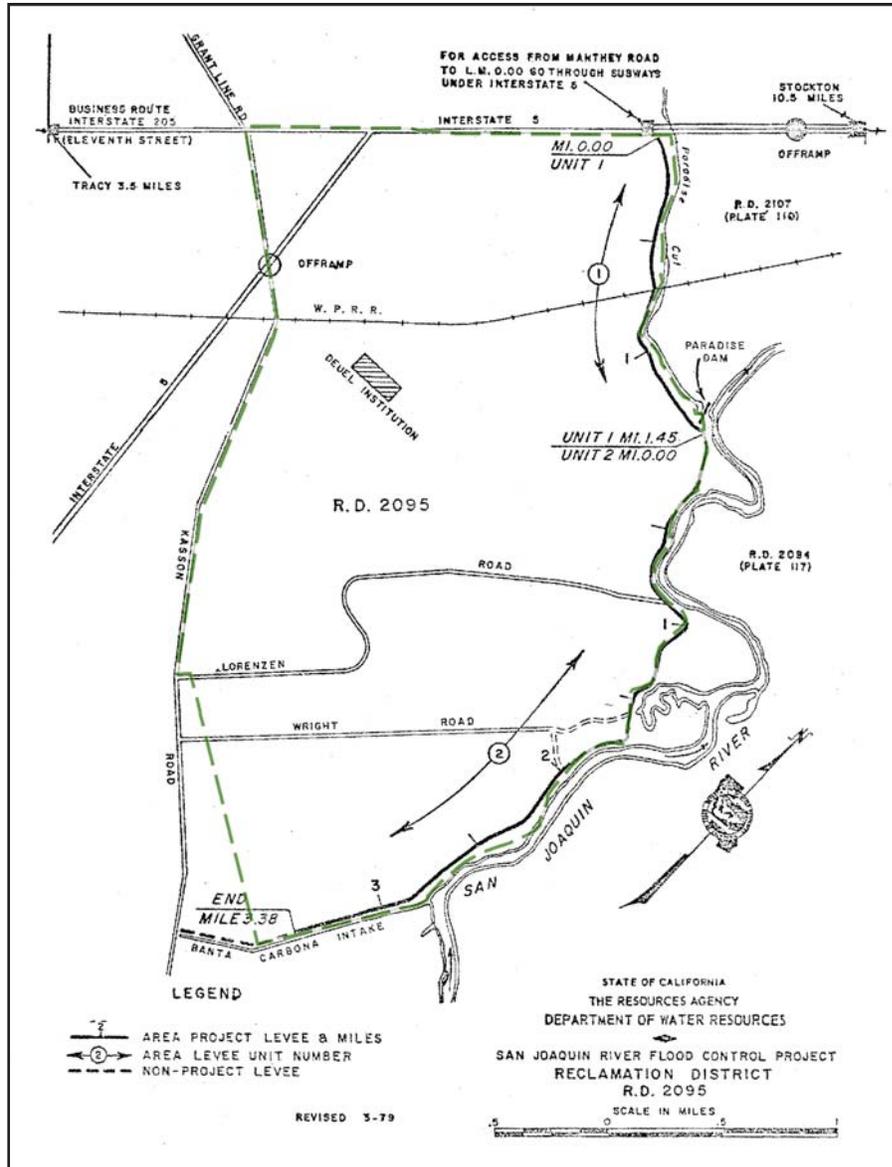
Bob Pombo • President

7541 W Rena • Tracy CA 95304

Phone: (209) 481-4136

RD 2095

**SAN JOAQUIN SYSTEM: RECLAMATION DISTRICT NO. 2095 (PARADISE CUT)**



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD 2095	RD2095	Reclamation District No. 2095 (Paradise Cut)	
		Unit No. 01 Paradise Cut	LB 1.45
		Unit No. 02 San Joaquin River	LB 3.38



**USACE Operation and Maintenance Manual Information:**

**Title**

West Levee of San Joaquin River from Durham Bridge to Paradise Dam within Reclamation Districts 2085 and Reclamation Districts 2095

**RD 2095**

**Unit No.**

San Joaquin River 11

**Protection Provided**

Levees along the San Joaquin River provide direct protection to adjacent agricultural land within Reclamation Districts 2085 and 2095. The project design flood for the San Joaquin River is 52,000 cfs.

**Summary of Information Reported in 2010****Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 1.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 2.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished for all levee units. Activities include rodent baiting, gate maintenance, inspections and tree trimming.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities for all levee units. Expenses include costs of accounting, engineering, insurance, legal and administrative services, maintenance, office supplies and repairs. The reported total estimated cost for the fiscal year is \$53,600.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

The Agency noted a Resource Management Agreement with the California Department of Fish and Game.

# Reclamation District No. 2096

**(Wetherbee Lake)**

San Joaquin County

## Contact

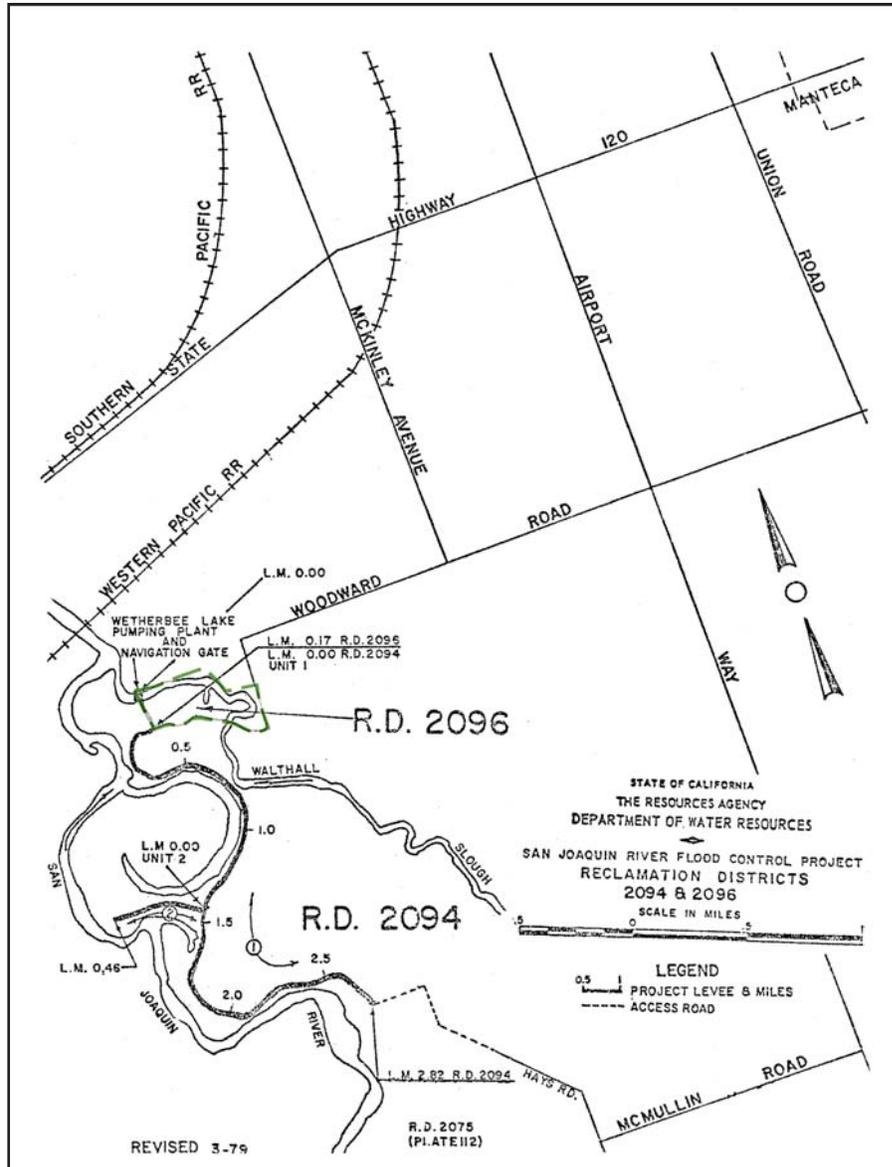
Chuck McCabe • President

District Office • P.O. Box 909

Manteca CA 95336 • Phone: (209) 239-0147

RD 2096

**SAN JOAQUIN SYSTEM: RECLAMATION DISTRICT NO. 2096 (WETHERBEE LAKE)**



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD2096	Reclamation District No. 2096 (Wetherbee Lake) Unit No. 01 San Joaquin River	RB	0.17

**RD 2096**



**USACE Operation and Maintenance Manual Information:**

**Title**

Supplement O&M Manual, Unit No. 3A Weatherbee Lake Pumping Plant & Navigation Gate

**Unit No.**

San Joaquin River 3

**Protection Provided**

No information available at time of printing.

**RD 2096**

## Summary of Information Reported in 2010

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 1.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 2.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

No information provided by the Agency for Part 3.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

No information provided by the Agency for Part 4.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

# Reclamation District No. 2099 (El Solyo Ranch) Stanislaus County

## Contact

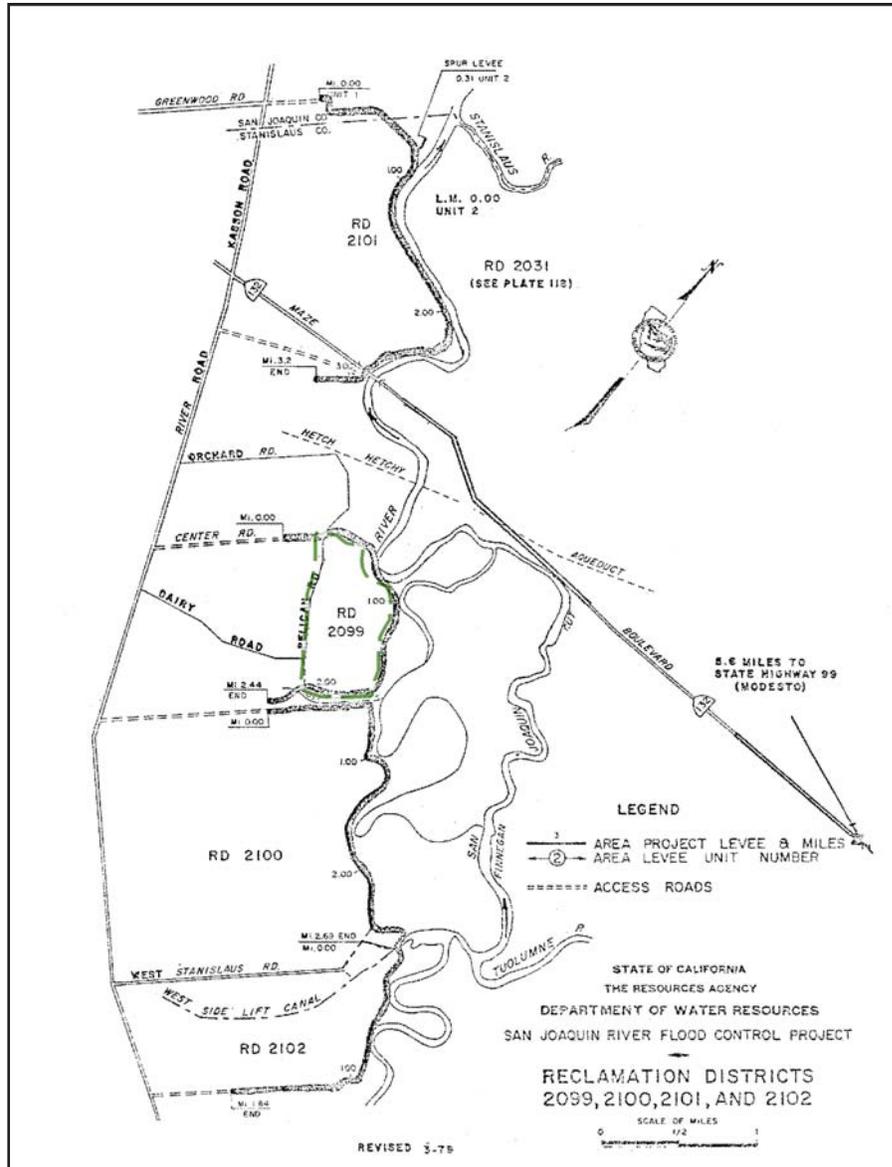
Kim Forrest • Mail Recipient

San Luis Nat'l Wildlife Refuge Complex • P.O. Box 2176

Los Banos CA 93635 • Phone: (209) 826-3508

RD 2099

**SAN JOAQUIN SYSTEM: RECLAMATION DISTRICT NO. 2099 (EL SOLYO RANCH)**

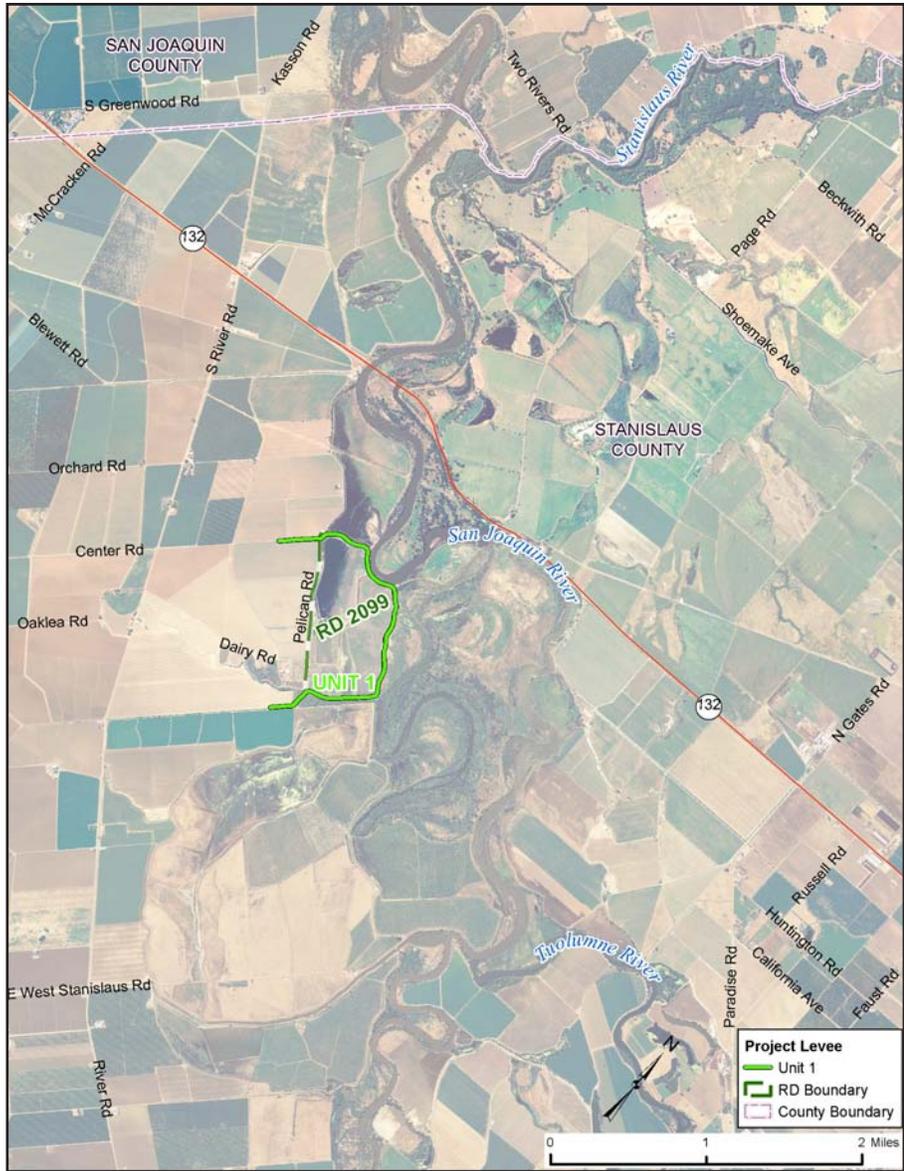


**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
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RD2099	Reclamation District No. 2099 (El Solyo Ranch) Unit No. 01 San Joaquin River	LB	2.40
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**RD 2099**



**USACE Operation and Maintenance Manual Information:**

**Title**

West Levee of San Joaquin River from Opposite Mouth of Tuolumne River Downstream to Stanislaus County Line within Reclamation Districts 2099, 2100, 2101 and 2102

**Unit No.**

San Joaquin River 12

**RD 2099**

**Protection Provided**

Levees along the left bank of the San Joaquin River provide direct protection to adjacent agricultural lands within Reclamation Districts 2102, 2100, 2099, and 2101. The project design flood for the San Joaquin River is 46,000 cfs.

## Summary of Information Reported in 2010

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 1.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 2.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

No information provided by the Agency for Part 3.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

No information provided by the Agency for Part 4.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

This Reclamation District was purchased by the US Fish and Wildlife Service and is now part of the San Joaquin River National Wildlife Refuge. The Project Levee in this area has been breached and no longer provides flood protection. Please refer to the letter from US Fish and Wildlife Service in Appendix D.

# Reclamation District No. 2100 (White Lake Ranch) Stanislaus County

## Contact

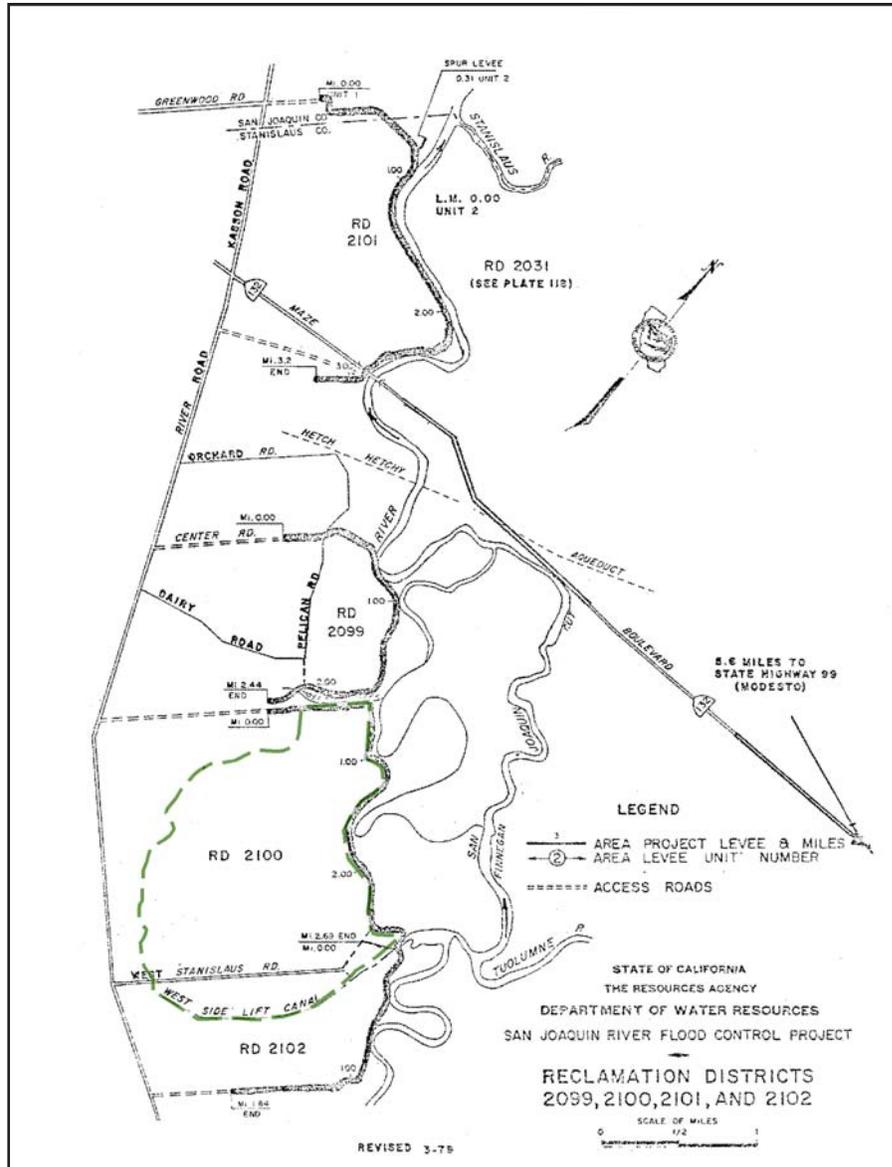
Kim Forrest • Mail Recipient

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Los Banos CA 93635 • Phone: (209) 826-3508

RD 2100

**SAN JOAQUIN SYSTEM: RECLAMATION DISTRICT NO. 2100 (WHITE LAKE RANCH)**



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD2100	Reclamation District No. 2100 (White Lake Ranch) Unit No. 01 San Joaquin River	LB	2.70

**RD 2100**



**USACE Operation and Maintenance Manual Information:**

**Title**

West Levee of San Joaquin River from Opposite Mouth of Tuolumne River Downstream to Stanislaus County Line within Reclamation Districts 2099, 2100, 2101 and 2102

**Unit No.**

San Joaquin River 12

**Protection Provided**

Levees along the left bank of the San Joaquin River provide direct protection to adjacent agricultural lands within Reclamation Districts 2102, 2100, 2099, and 2101. The project design flood for the San Joaquin River is 46,000 cfs.

**RD 2100**

## Summary of Information Reported in 2010

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 1.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 2.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

No information provided by the Agency for Part 3.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

No information provided by the Agency for Part 4.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

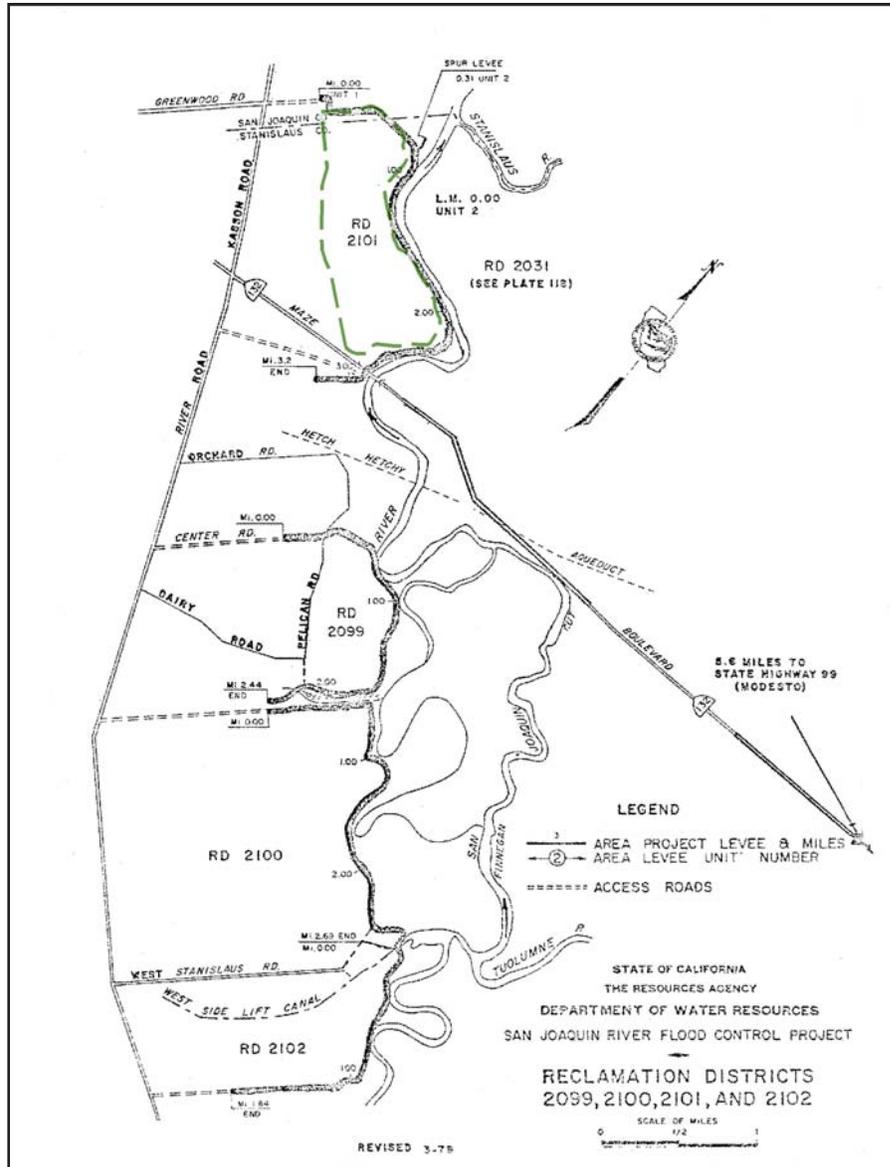
This Reclamation District was purchased by the US Fish and Wildlife Service and is now part of the San Joaquin River National Wildlife Refuge. The Project Levee in this area has been breached and no longer provides flood protection. Please refer to the letter from US Fish and Wildlife Service in Appendix D.

# Reclamation District No. 2100 (Blewett) Stanislaus County

## Contact

James Coddington • President  
6130 Huntingdale Circle • 2nd Floor  
Stockton CA 95219 • Phone: (209) 477-2156

**SAN JOAQUIN SYSTEM: RECLAMATION DISTRICT NO. 2101 (BLEWETT)**



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD2101	Reclamation District No. 2101 (Blewett)		
	Unit No. 01 San Joaquin River	LB	3.20
	Unit No. 02 San Joaquin River (Spur Levee)	RB	0.31

**RD 2101**



**USACE Operation and Maintenance Manual Information:**

**Title**

West Levee of San Joaquin River from Opposite Mouth of Tuolumne River Downstream to Stanislaus County Line within Reclamation Districts 2099, 2100, 2101 and 2102

**Unit No.**

San Joaquin River 12

**Protection Provided**

Levees along the left bank of the San Joaquin River provide direct protection to adjacent agricultural lands within Reclamation Districts 2102, 2100, 2099, and 2101. The project design flood for the San Joaquin River is 46,000 cfs.

**RD 2101**

## Summary of Information Reported in 2010

### Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)

The Agency reported borrow sites at Levee Unit 1, LM 0.00. The Agency mentioned pipe crossings at Levee Unit 1, LM 0.00, 0.20, 1.62 and 2.74. The Agency reported a site breached in 1997 where seepage occurs with medium low levels of river height at Levee Unit 1, LM 0.57. The Agency reported sloughing, loss of grade, caving, seepage, levee berm erosion and channel migration at a levee repair site at Levee Unit 1, LM 1.97. The Agency identified a revetment deficiency at site of armoring effort during 1997-98 event at Levee Unit 1, LM 2.29. The Agency reported seepage at site of 1997-98 sand fill repair at Levee Unit 1, LM 0.57. The Agency mentioned sloughing, loss of grade, caving, seepage, levee berm erosion and channel migration at a levee repair site at Levee Unit 1, LM 1.97.

### Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)

The Agency reported seepage at site of 1997-98 sand fill repair at Levee Unit 1, LM 0.57. The Agency mentioned sloughing, loss of grade, caving, seepage, levee berm erosion and channel migration at a levee repair site at Levee Unit 1, LM 1.97. The Agency reported major scour hole as result of 1997-98 events at Levee Unit 2, LM 0.01. This site was repaired by USACE and DWR.

### Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year

The Agency provided a summary of maintenance activities accomplished for all levee units. Activities include encroachment removal, gate repair, inspections, roadway grading, graveling, watering, rodent baiting, slope harrowing, trespassing control, vegetation burning, spraying and tree trimming.

### Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency

The Agency provided a summary of expenses and maintenance activities for all levee units and the locations of these activities. Expenses include costs of gate repair, inspections, roadway graveling, watering, rodent baiting, slope harrowing, vegetation spraying and tree trimming. The reported total estimated cost for the fiscal year is \$5,000.

### Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR

The Agency stated this levee system was built in the 1950's with sandy loam material and is subject to seepage at high water conditions. The 1997-98 repair at Levee Unit 1, LM 0.57 is in the area of greatest differential between water level and land side. The Agency stated this was a failed repair and the area is prone to seepage during modest water level increases.

# Reclamation District No. 2102 (Lara Ranch) Stanislaus County

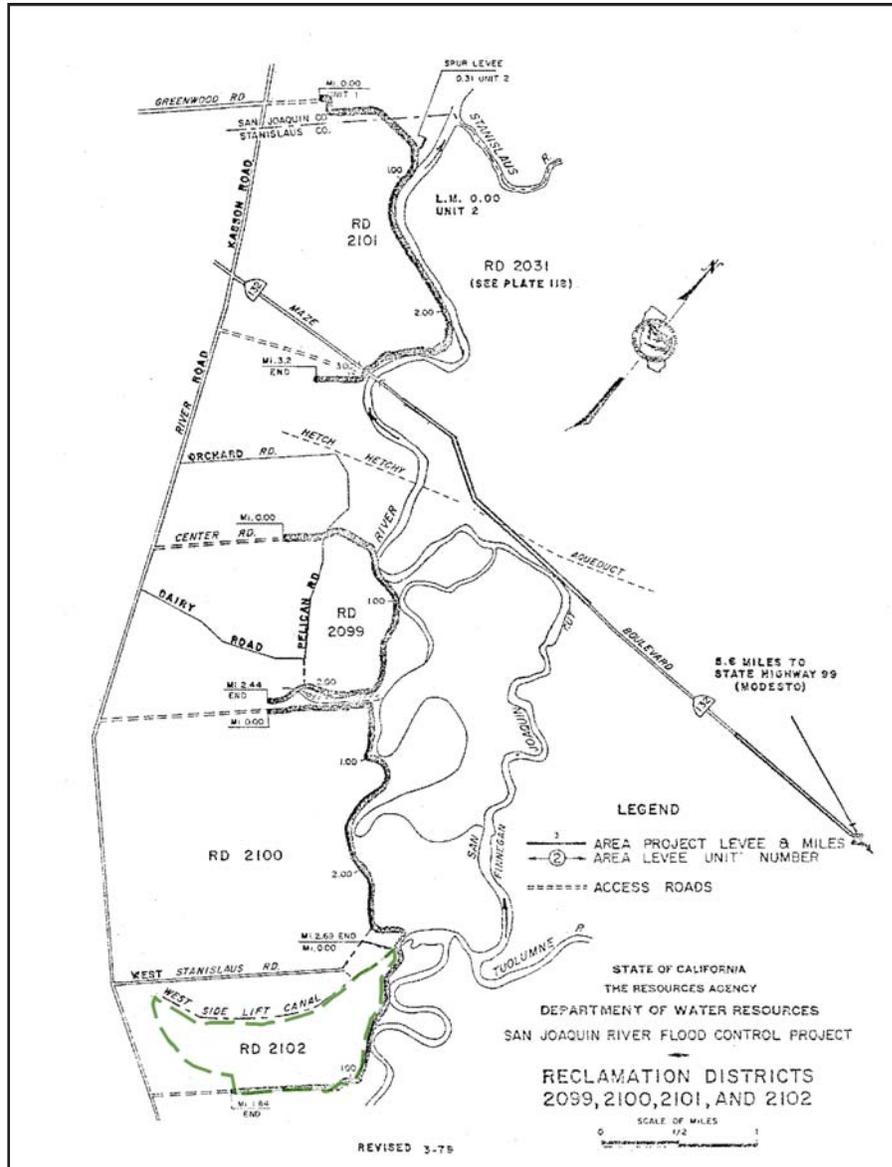
## Contact

Kim Forrest • Mail Recipient

San Luis Natl Wildlife Refuge Complex • P.O. 2176

Los Banos CA 93635 • Phone: (209) 826-3508

**SAN JOAQUIN SYSTEM: RECLAMATION DISTRICT NO. 2102 (LARA RANCH)**



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD2102	Reclamation District No. 2102 (Lara Ranch) Unit No. 01 San Joaquin River	LB	1.80

**RD 2102**



**USACE Operation and Maintenance Manual Information:**

**Title**

West Levee of San Joaquin River from Opposite Mouth of Tuolumne River Downstream to Stanislaus County Line within Reclamation Districts 2099, 2100, 2101 and 2102

**Unit No.**

San Joaquin River 12

**Protection Provided**

Levees along the left bank of the San Joaquin River provide direct protection to adjacent agricultural lands within Reclamation Districts 2102, 2100, 2099, and 2101. The project design flood for the San Joaquin River is 46,000 cfs.

**Summary of Information Reported in 2010****Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 1.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 2.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

No information provided by the Agency for Part 3.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

No information provided by the Agency for Part 4.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

This Reclamation District was purchased by the US Fish and Wildlife Service and is now part of the San Joaquin River National Wildlife Refuge. The Project Levee in this area has been breached and no longer provides flood protection. Please refer to the letter from US Fish and Wildlife Service in Appendix D.

# Reclamation District No. 2107

**San Joaquin County**

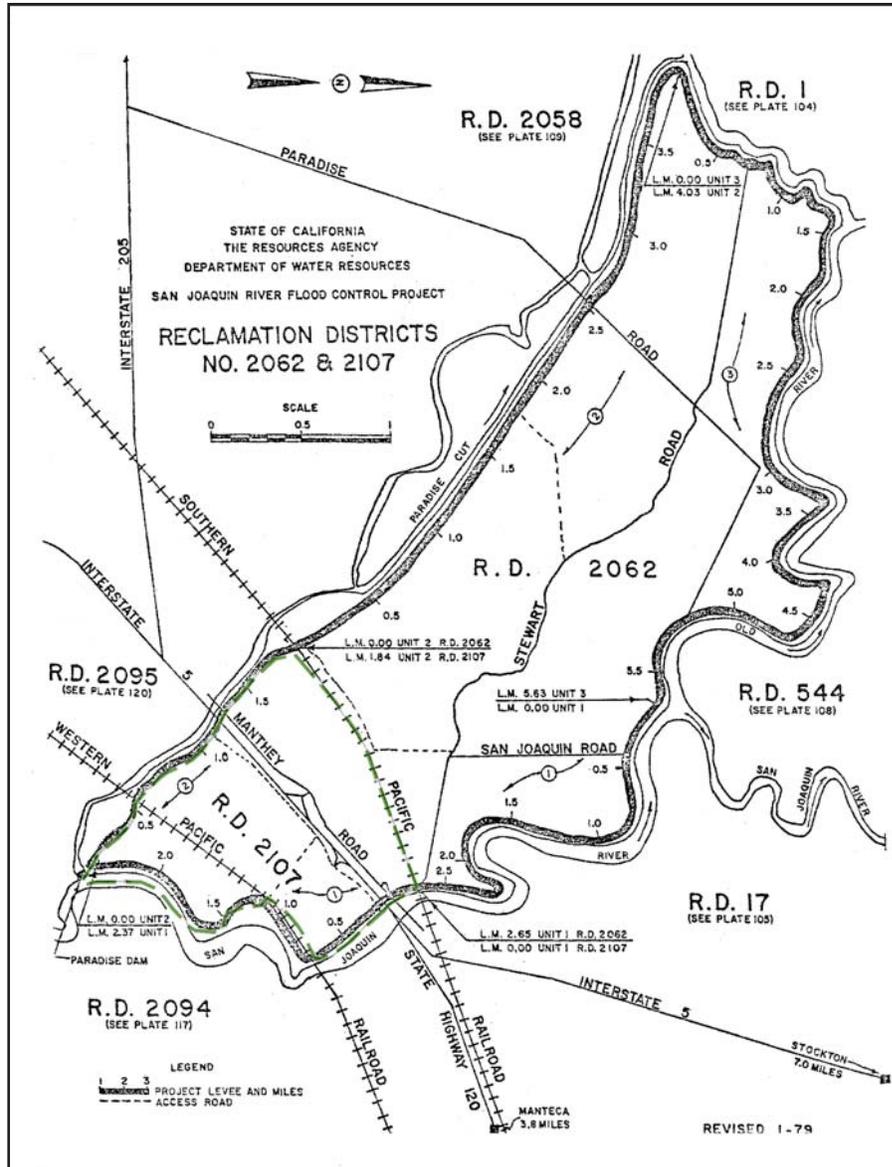
## **Contact**

Robert Brown • Chairman

311 East Main Street, Suite 504 • Stockton CA 95202

Phone: (209) 943-5551

**SAN JOAQUIN SYSTEM: RECLAMATION DISTRICT NO. 2107**



**Levee Information:**

Short Name	Local Maintaining Agency/Levee Unit	Bank	Length (miles)
RD2107	Reclamation District No. 2107		
	Unit No. 01 San Joaquin River	LB	2.37
	Unit No. 01 Paradise Cut	RB	1.84



**USACE Operation and Maintenance Manual Information:**

**Title**

No information available at time of printing.

**Unit No.**

No information available at time of printing.

**Protection Provided**

No information available at time of printing.

## Summary of Information Reported in 2010

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 1.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

No information provided by the Agency for Part 2.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

No information provided by the Agency for Part 3.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

No information provided by the Agency for Part 4.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

No information provided by the Agency for Part 5.

# APPENDIX **C**

## **Other Relevant Central Valley Information**

Several ongoing flood related issues within the Central Valley affect LMAs in meeting their levee operation and maintenance requirements. Issues highlighted in this Appendix include emergency response, USACE and FEMA actions, Central Valley Flood System Improvement Framework, FloodSAFE Implementation Plan, Project Levee Inspections, Central Valley Flood Management Planning, Statewide Integrated Flood Management Planning and conservation strategies. Additionally, Local Agency Annual Report Program developments and planned improvements are discussed.



## Other Relevant Central Valley Information

Several ongoing flood-related issues within the Central Valley affect LMAs in meeting their levee operation and maintenance requirements.

### ***Emergency Response***

DWR is the lead State agency for flood emergency response including flood fight assistance in California. The Flood Operations Center serves as DWR's Emergency Operations Center and leads the statewide flood emergency operations responsibility. The projects listed in the sidebar will be implemented in collaboration with local emergency responders, LMAs, reservoir operators, Governor's Office of Emergency Services, and USACE. Working group meetings and workshops will be scheduled throughout implementation of the program. Implementation of the Local Maintaining Agency Reporting Program is being carried out as part of the Real-Time Flood Conditions, Status, and Warning project element in the FloodSAFE Emergency Response effort.

The information collected for the Annual Report is vital for annual assessment of vulnerability of the flood control system prior to flood season. It is essential for an understanding of engineering evaluations, system performance, and operation and maintenance practices.

### ***USACE and FEMA Actions***

On September 25, 2006, FEMA released Procedure Memorandum No. 43 – Guidelines for Identifying Provisionally Accredited Levees (Memo 43). Subsequently, on September 26, 2006, USACE released an internal policy guidance memorandum to provide direction and to establish the priority for use of Inspection of Completed Works (ICW) inspection funds during Fiscal Year 2007. Memo 43 has direct implications to FEMA certification, and USACE internal policy guidance on the ICW program has the potential to deny Local Maintaining Agency eligibility status for flood damage rehabilitation assistance under Public Law 84-99 (PL 84-99) if the minimum acceptable level of maintenance cannot be sustained.

### ***California's Central Valley Flood System Improvement Framework (Framework)***

In 2007, USACE Headquarters and the Sacramento District of USACE, through statements and documents (including an April 2007 draft white paper, Treatment of Vegetation within Local Flood Damage Reduction Systems) called for the removal of nearly all trees, wild growth, and other vegetation.



Projects for improving the Flood Emergency Response Program include:

- Real-Time Flood Conditions, Status, and Warning
- Climate Data Collection and Precipitation Runoff Forecasting
- Reservoir Operations and River Forecasting
- Flood Operations Emergency Response

In addition, two Flood Emergency Response-related projects include:

- Delta Flood Preparedness, Response, and Recovery Project
- Updated Hydrology with Climate Change, and System Re-operations

In order to learn more about how levee safety goals can be met while protecting environmental assets, USACE, the State of California, and SAFCA sponsored a levee vegetation symposium in Sacramento on August 28-29, 2007. Following the symposium, the California Levees Roundtable, a partnership of federal, State, and LMAs, was formed by the CVFPB to address vegetation issues affecting the State's extensive levee system in the Central Valley. The Roundtable recognized that vegetation management is only one of many issues that threaten levees and broadened its scope to address many threats to levee integrity. The Roundtable released the Framework Document in February 2009. The Framework Document is considered as a living document that provides general guidance for helping the State make progress in the interest of public safety improvements over time.

### ***DWR Interim Vegetation Inspection Criteria***

DWR revised its levee inspection criteria for vegetation in fall 2007 to make them clear, simple, uniform, and objective (see DWR October 2007 letter to LMAs in Appendix D) as follows: Grasses and other low vegetation must be kept below 12 inches in height; trees, brush, and other vegetation must be trimmed to at least five feet above ground level (12 feet over the crown roadway or other roadways) and thinned or removed to allow visibility for inspection, flood fight activities, and maintenance. These criteria apply to the entire landside slope and 10-foot easement beyond the landside toe, the crown, and the top 20 feet of the waterside slope. The inspection criteria are aimed at improving public safety by providing visibility for inspections and access for flood fight activities and maintenance while preserving riparian and other vegetation that is valuable habitat and may actually be beneficial to levee integrity. Minimal densities of vegetation not meeting these criteria are rated as Minimally Acceptable. Significant densities of vegetation not meeting these criteria are rated as Unacceptable. Elderberries are evaluated using the same criteria as trees or other vegetation.

### ***Levee Vegetation Maintenance***

The Framework requires the Central Valley federal-State project LMAs to report by November 1, 2009 on their current status of compliance with the interim vegetation criteria and on their plans and schedules to fully comply with the interim vegetation criteria by November 1, 2010 (see DWR August 25, 2009 letter to LMAs in Appendix D). Of the 106 areas maintained by LMAs (less than the 110 areas subject to CWC 9140 requirement), 86 reported that they will comply with the interim vegetation criteria by November 1, 2010; seven reported that they will comply if issues with elderberries can be adequately addressed; six reported that they will not comply because of elderberries; six reported that they will not comply due to cost, mitigation requirements, unreliable State funding, species issues, and inconsistencies between agency requirements; and one will not comply because a portion of its levee is not maintained by the Local Maintaining Agency. The CVFPB submitted a report required by January 25, 2010 to USACE on the State's progress in implementing system-wide improvements for continued PL 84-99 Rehabilitation Eligibility. DWR has made significant progress in addressing a broad range of current threats to levee integrity outlined in the Framework through implementation of various Flood-SAFE California programs and projects.

## ***FloodSAFE Implementation Plan***

DWR has developed the FloodSAFE Implementation Plan, which organizes all the flood management activities described in the Framework under Functional Areas. It also establishes the tracking of key deliverables and milestones. Just as the Framework was developed as a “living document”, the FloodSAFE Implementation Plan will be updated periodically to reflect ongoing changes to flood management programs and priorities.

## ***Project Levee Inspections***

The Annual Inspection Report of the Flood Control Project summarizes the inspection activities for the State-federal portions of the flood control system within the Central Valley and describes the most recent developments in a multi-year effort to improve the flood project inspection program. Since the flood control system has come under greater scrutiny, inspection criteria are being more rigorously applied by USACE and DWR inspectors.

USACE directed that the State use the checklist in USACE Flood Damage Reduction System Inspection Report when inspecting the system. During 2007 inspections, DWR followed USACE checklist for most categories; however, it used interim vegetation criteria (see previous subsection).

Since fall 2008, DWR’s inspection of Project Levees used a new inspection database implemented in spring 2008. DWR continued to use the interim levee vegetation inspection criteria developed for the 2007 inspections. The inspection reports are available on Local Maintaining Agency Reporting Web Application website (<http://cdec.water.ca.gov/fsir.html>).

## ***Central Valley Levee Maintenance Improvements***

DWR applied a new overall rating methodology in 2007 to ensure objectivity and consistency of annual maintenance ratings. As a result of the rigorous application of inspection criteria and the new rating methodology, 64 of the 107 (total number of maintaining areas in 2007) areas received Unacceptable ratings in 2007, increasing from four Unacceptable ratings in 2006. Maintenance performance has since improved such that 39 areas received Unacceptable ratings in 2008, 30 areas received Unacceptable ratings in 2009, and 39 received Unacceptable ratings in 2010.

DWR documented LMA improvements in correcting levee maintenance deficiencies over the last three years. Maintenance of the system improved from 2007 to 2008 and continued to improve to 2010. Each year the length of maintenance deficiencies has decreased by about half, changing from maintenance deficiencies found on 83% of the length of the system in 2007 to 36% in 2008 and 19% in 2009 and 2010. The biggest improvement can be seen in the vegetation maintenance practices, but other areas also continue to improve.

Table C and Figure C show these improvements.

The 2010 Inspection Report provides more details and can be accessed from (<http://cdec.water.ca.gov/fsir.html>)

**Table C: Improvements in Maintenance Deficiencies**

Inspection Category	Maintenance Deficiencies as % of System Miles			
	2007	2008	2009	2010
Vegetation	43%	24%	9%	8%
Trim/Thin Trees	10%	4%	3%	2%
Encroachments	6%	1%	1%	2%
Animal Control	13%	3%	3%	2%
Erosion	3%	2%	2%	5%
Crown Surface	6%	1%	1%	1%
Other	<1%	<1%	<1%	<1%
<b>Total</b>	<b>83%</b>	<b>36%</b>	<b>19%</b>	<b>19%</b>

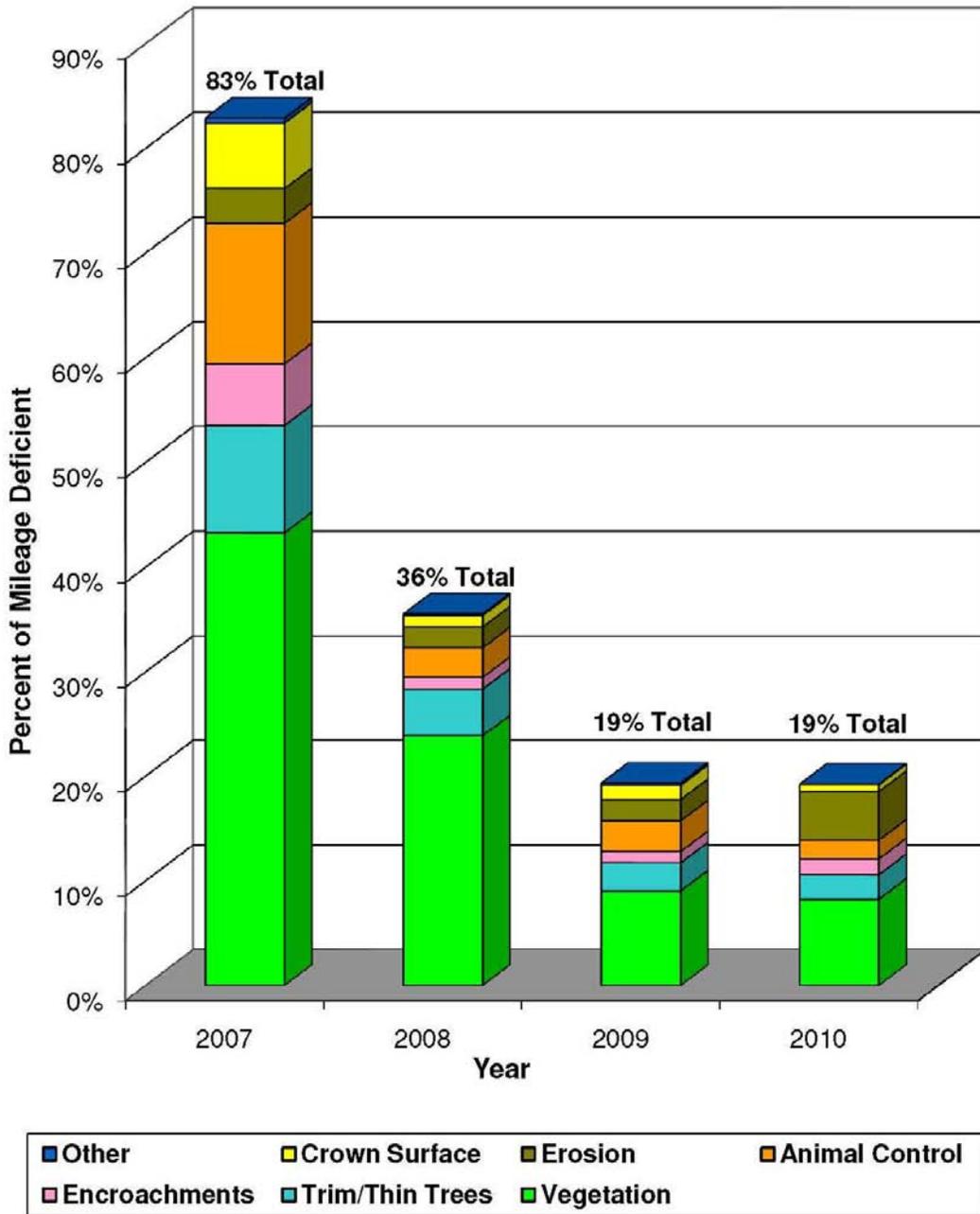


Figure C: Levee Maintenance Deficiencies as Percent of System Miles

### ***DWR and USACE Inspection Program Coordination***

DWR and Sacramento District of USACE established an Inspection Program Working Group in May 2009. Meetings are held once a month to coordinate ongoing DWR and USACE inspection program activities.

The primary focus of this working group is to establish a consistent understanding of inspection criteria and to establish consistent guidelines for developing system ratings. In addition, these meetings improve communication and information exchange between the agencies. The following are some of the achievements of this working group:

- Complied with the interim vegetation reporting requirement outlined in the Framework
- Developed a web application to share encroachment permit information between DWR and USACE and to enhance the permit review process
- Coordinated an informational meeting for LMAs subject to USACE Periodic Inspection Program
- DWR is enhancing its geo-referenced and database-recorded inspection program to facilitate USACE inspection reporting requirements

DWR and USACE will continue coordination efforts to enhance the inspection programs.

### ***DWR Inspection Program Improvements and Accomplishments***

Over the last three years, DWR has expanded its inspection activities to bring DWR's inspection program into closer compliance with the expectations of USACE's National Levee Safety Program in the following ways:

- Increased the size, scope, and responsibilities of its Flood Project Inspection Section by reorganizing the section into a branch composed of four sections:
  - Inspection Section staffed with technicians and engineers responsible for inspecting and reporting the status of the State Flood System.
  - Two Integrity Sections staffed with engineers responsible for investigating and determining system conditions and capacities regarding hydraulic, geotechnical, and other integrity issues.
  - Local Maintaining Agency Assessment Section staffed with engineers responsible for collecting, managing, analyzing, and reporting information on the condition of the State Flood System.
- Incorporated USACE levee inspection nomenclature and criteria for maintenance ratings into the DWR inspection program and implemented a self-inspection program that requires LMAs to inspect their levees in the summer and winter, while DWR continues inspecting in the spring and fall. These four inspections per year meet the requirements of 33 CFR 208.10.

- Jointly inspected with USACE, many LMAs were found to be unacceptable with regard to FEMA Memo 43.
- Increased erosion inspections on major portions of the Sacramento and San Joaquin River Systems.
- Created a general inventory of trees and vegetation on project levees and newly extended toe easements to estimate the potential impact of implementing USACE vegetation standards. DWR also completed a general inventory of encroachments in the system and in January 2008 documented windfall trees after a major windstorm.
- Created an inspection report application that identifies to each Local Maintaining Agency the exact type and location, by levee mile and by GPS coordinates, of each of its maintenance deficiencies.
- Identified and documented levee vegetation that required trimming and thinning of trees and other vegetation, and advised LMAs to take corrective action to allow flood fight access and visibility.
- Instructed LMAs to improve levee management practices to ensure visibility for inspections and flood fight access while adhering to their environmental resource obligations.
- Continue to inspect the construction or implementation of newly permitted encroachments to ensure that the work is done in accordance with the encroachment permit conditions. DWR also reports newly discovered unauthorized encroachments to the CVFPB and works with LMAs to abate unauthorized encroachments.
- Will continue to actively: (1) perform high water patrols and high water staking; (2) continue outreach and communication to LMAs; (3) address critical encroachment issues; (4) perform investigations of critical site-specific integrity issues; (5) provide flood response; (6) provide flood fight training to state and LMAs; and (7) continue implementing improvements to the inspection program to ensure consistency and for broad public safety benefits.
- Created a new inspection database program to allow efficient documentation and reporting of system conditions and compatibility with USACE's National Levee Database reporting requirements.

In addition to continuing with the above inspection activities, DWR will implement the following improvements:

- Develop a geo-referenced and database oriented inspection program to become more compatible with USACE reporting requirements.
- Implement additional changes to the inspection program as existing USACE policies are clarified over time, as new policies are developed, and as other levee management issues arise.

### ***California Levee Vegetation Research Program***

The agencies of the California Levees Roundtable are conducting research that will determine the extent that woody vegetation, such as trees, impacts the safety of levees in California's Central Valley. These studies include a national program implemented by USACE as well as a parallel and complementary effort initiated in California referred to as the California Levee Vegetation Research Program (CLVRP). This research also informs the FloodSAFE Levee Evaluations Program, which is evaluating and prioritizing all geotechnical factors that impact the safety and performance of Central Valley levees.

The goal of the CLVRP is to collaboratively pursue objective research, utilizing the scientific method, to create new knowledge or correct and integrate previous knowledge regarding levee vegetation. Research results will contribute to the scientific foundation for future policy about the management of vegetation on levees in California.

The Roundtable agencies sponsoring the CLVRP include NOAA Fisheries, US Fish and Wildlife Service, DWR, California Department of Fish and Game, the CVFPB, SAFCA, and Central Valley Levee Maintaining Agencies. Funding and project management for the CLVRP are primarily provided by DWR and SAFCA.

CLVRP researchers include scientists from the Davis and Berkeley campuses of the University of California and from the University of Georgia, as well as a team of expert consultants in the fields of engineering and plant sciences.

USACE Engineer Research and Development Center (ERDC) have been charged with implementing the national levee vegetation research sponsored by USACE. ERDC and the CLVRP have been collaboratively coordinating their research efforts. This process of peer review and support includes mutual review and comment at key intervals throughout the research process, conducting joint fieldwork in California, and mutual input on data analysis and reporting of results.

### ***USACE Levee Safety Program – Periodic Inspections***

The American Recovery and Reinvestment Act of 2009 (ARRA) provided \$90 million for USACE to conduct Periodic Inspections of levees covered by USACE Levee Safety Program.

USACE will use private sector contractors to accomplish these inspections in approximately two years. This activity will provide an independent inspection and evaluation of the federally authorized levees, or approximately 1,400 levee systems, in the USACE Levee Safety Program and will assist in aggressively advancing the Levee Safety Program toward achieving its goal of reducing flood risks and improving public safety.

### ***Central Valley Flood Management Planning***

Maintenance challenges faced by LMAs and the State will be discussed as part of the Central Valley Flood Management Planning (CVFMP) Program, and in particular, in development of the Central Valley Flood Protection Plan (CVFPP).

The CVFMP Program will document and assess current performance of the State-federal flood protection system, develop the newly required CVFPP, and provide assistance to locals to meet new planning

requirements related to flood risk management. The planning will develop a sustainable integrated flood management plan for areas protected by facilities of the State-federal flood protection system in the Central Valley.

The CVFMP program consists of development of three major documents – SPFC Descriptive Document, Flood Control System Status Report (FCSSR) and 2012 CVFPP.

- **SPFC Descriptive Document.** DWR has prepared the Descriptive Document for the SPFC that will contain descriptions of flood management facilities, lands, programs, conditions, and mode of operations and maintenance for the State-federal flood protection system in the Central Valley. This is a description of the existing system and not a plan for the future. The State Plan of Flood Control Descriptive Document provides an inventory and description of the flood control facilities, lands, programs, plans, conditions, and mode of operations and maintenance for the State-federal flood protection system in the Sacramento River and San Joaquin River watersheds.
- **FCSSR.** This document will provide an assessment and summary of performance for existing SPFC facilities.
- **2012 CVFPP.** DWR is required to prepare a sustainable, integrated flood management plan by January 1, 2012, for adoption by the CVFPB by July 1, 2012. The CVFPP will reflect a system-wide approach to protect areas of the Central Valley currently receiving protection from flooding by existing facilities of the SPFC. In addition, the CVFPP will include a prioritized list, schedule of implementation, and recommendations of both structural and nonstructural means for improving performance and eliminating deficiencies of flood management facilities and addressing ecosystem and other water-related issues. The CVFPP will be updated every five years (years ending in 7 and 2).

Currently Management Actions Reports are being published which describes a wide range of individual management actions that contribute to CVFPP goals and address identified problems and opportunities related to flood management in the lands receiving protection from the facilities of the SPFC. Interim Progress Summaries are also being published which provides a high-level summary of the CVFPP development process, summary of the results of Phase 1 and 2 planning efforts, and a look ahead to upcoming plan development activities.

DWR is actively soliciting broad participation, collaboration, and partnership among federal, State, regional and Local Agencies, tribal entities, and other interested parties to improve flood management and emergency response systems in the Central Valley.

### ***Statewide Integrated Flood Management Planning***

Most past flood planning efforts have focused on the Central Valley. Proposition 84 requires DWR to develop an economically viable rehabilitation plan for flood management that extends beyond the Central Valley. Statewide Flood Management Planning will assess the level of flood risk, identify needs and opportunities for improving integrated flood management, and develop a finance strategy for addressing those needs and improvements statewide.

- **Statewide Integrated Flood Management Planning.** The Statewide Flood Management Planning element will account for the differing needs and opportunities in different regions of the State.
- **Integration of Flood Management with the California Water Plan.** This component will integrate the information produced by the Statewide Flood Management Planning into the California Water Plan (CWP). This provides an integrated approach to comprehensively address water management issues in California. While the 2005 Update to the CWP included some flood management strategies, the 2009 Update to the CWP will be the first to include the integrated approach. More detailed information from Statewide Flood Management Planning will be included in subsequent CWP Updates.

### ***Conservation Strategies***

Depending on results of future evaluations and system improvement plan, complying with USACE standards for some levees may not be feasible. In these cases, the conservation strategy will guide management of the levee vegetation. Ecosystem conservation strategies will help protect and enhance the ecosystem while improving flood management at the same time. Two conservation strategies will be developed, one for the Central Valley and other for the Delta. FloodSAFE Environmental Stewardship and Statewide Resources Office (FESSRO) is coordinating with Bay Delta Conservation Plan (BDCP) efforts to meet conservation goals in the Delta.

To address the actions described in the Framework document as "interim", a "near-term conservation framework" is being developed to avoid, minimize and compensate for short-term actions taken to meet the interim vegetation inspection criteria. This includes working with State and federal resource agencies to define target resources for conservation and recovery; determine the existing resource baseline to assess the quantity and quality of habitat within the program area; review species recovery plans; identify conservation opportunities; and identify data gaps.

## **2010 Electronic Reporting Web Application Developments**

In 2009, DWR incorporated LMAs' comments while improving the web application. The web application continued to improve in 2010 with the following updates:

- Updated appearance of user interface
- Two applications for DWR staff to track changes in Local Maintaining Agency contact information

## **Planned Program Improvements**

After implementing several planned program improvements in 2010, DWR sets continuous and long term goals for program improvements for future Annual Reports which may include:

- Further development of communication and data sharing tools
- Maximize use of DWR's Flood System database and integrate with other DWR programs
- Validation of flood control system information
- Redesign of the report to minimize the number of pages and better support DWR sustainability policy

DWR welcomes comments and suggestions that will facilitate preparation of future Annual Reports.

Numerous activities are planned under the continuous and long term goals for program improvements. Following is a list of activities that may be achievable in near term:

- Investigating alternate methods of communicating with LMAs by using web based applications in addition to annual workshops (web-ex, web-based tutorial etc)
- Evaluating the need for Annual Reporting Program Workshops and scheduling the workshops accordingly
- Improve on developed E-mail distribution list for automatic E-mail notification tool for events, deadlines, and emergency or real-time contact
- Expanding access to Division of Flood Management's Flood System database
- Expanding and improving added functionality of associating Inspection Reports with Annual Reporting Requirements to eliminate duplication
- Developing Emergency Response tools through the web application
- Providing information on grants available to LMAs for repairs and maintenance
- Coordinating with Levee Subventions on a consistent reporting format
- Providing additional reporting guidelines and reporting features

- Developing a completeness of reporting evaluation
- Incorporating delineation of protected systems - flood protection zones
- Identifying local non-project levees maintained by LMAs with project levees
- Providing access to additional flood system information such as levee logs, encroachment permits, levee pipe crossings etc.

Information submitted by LMAs is critical for the Flood Operations Center to assess real-time flood control system status during flood emergencies. It also provides base information necessary for various FloodSAFE flood protection improvement programs. DWR will continue to work with LMAs including those that did not submit the required information. DWR welcomes comments and suggestions that will facilitate preparation of future Annual Reports.

### ***Next Year's Annual Report Format***

The 2010 Local Maintaining Agency Report includes all summarized information from LMAs. The profiles from LMAs take more than 400 pages of the report. To reduce the size of the hardcopy report, DWR will be looking at alternatives to condense the size of the report. This effort is to support the DWR sustainability policy focused towards saving the environment.

# APPENDIX D

## Relevant Correspondence

### History and Background

DWR Letter to Local Maintaining Agencies for Framework Document Status Report, August 25, 2009

Enclosure Framework Documents Excerpt

FPIIB Inspection Criteria, Appendix C from the 2009 Inspection Report

CVFPB Letter to USACE Requesting Exemption from ETL 1110-20571 and Regional Vegetation Variance Policy, October 28, 2010

### Outreach and Communication

2010 Local Maintaining Agency Reporting Requirements Workshop Flyer, May 2010

Fact Sheet – Local Maintaining Agency Reporting Requirements, Updated June 2010

Local Maintaining Agency Paper Copy Reporting Guidance

Five Part Reporting Forms

Screenshot of Local Maintaining Agency Annual Report Web Application

Reporting Requirements Letter to the LMAs, July 1, 2010

Report Submission Letter to Libraries, July 28, 2010

Request Letter to LMAs for Photos, August 30, 2010

Reporting Reminder Letter to LMAs, September 16, 2010

US Fish and Wildlife Letter Regarding Reclamation District Nos. 2099, 2100 and 2102, September 1, 2010

No Report Notification Letter, October 27, 2010

### Reports on Non-Project Levees

RD 2074 Report Summary

**DEPARTMENT OF WATER RESOURCES**

1416 NINTH STREET, P.O. BOX 942836  
SACRAMENTO, CA 94236-0001  
(916) 653-5791



August 25, 2009

Federal Flood Control Project Maintaining Agencies

Subject: Framework Document Status Report

The California Levees Roundtable released its *California's Central Valley Flood System Improvement Framework Document* in February 2009. The Framework Document requires the Central Valley federal-State project levee Local Maintaining Agencies (LMAs) to maintain the trees and vegetation in accordance with the interim vegetation criteria by November 1, 2010. To be in compliance with the interim vegetation criteria (visibility and access the vegetation inspection criteria in use by the Department of Water Resources beginning in fall 2007) means that an LMA will have no inspection ratings of Minimally Acceptable or Unacceptable for any Vegetation or Trim/Thin Trees items.

The Framework Document requires all LMAs to report by November 1, 2009, the following:

1. Current status of compliance with the interim vegetation criteria
2. LMA plans and schedules to fully comply with the interim vegetation criteria by November 1, 2010

An excerpt of the Framework Document explaining these reporting requirements is attached. The entire Framework Document can be found at:  
[http://www.cvfpb.ca.gov/docs/031209flood\\_improvement.pdf](http://www.cvfpb.ca.gov/docs/031209flood_improvement.pdf)

We have enclosed a Framework Document status report form based on your fall 2008 Levee Mile Report showing maintenance deficiencies only for Vegetation and Trees. It contains additional columns for you to fill out to meet the Framework Document reporting requirements. It asks you to list your plans and schedules and the reasons that any deficiencies may not meet the interim vegetation criteria by November 1, 2010.

We will be at the fall flood preseason workshops to answer questions you may have about the Framework Document's requirements or about other inspection issues. The workshops will be in Yuba City on October 15, Sacramento on October 22, and Stockton on October 27. Please sign, keep a copy, and mail your completed Levee Mile Reports to me by November 1, 2009, at:

Ilene Wellman-Barbree, Chief  
Flood Project Inspection Section  
3310 El Camino Ave, Suite LL30  
Sacramento, California 95821-9000

If you have any questions, or need additional information, please contact your inspector or me at (916) 574-1729 or by e-mail at [ilenebw@water.ca.gov](mailto:ilenebw@water.ca.gov).

Sincerely,

A handwritten signature in cursive script that reads "Ilene Wellman-Barbree".

Ilene Wellman-Barbree, Chief  
Flood Project Inspection Section

Enclosures

***The following information is excerpted from pages 21 through 26 of the Framework Document. The most pertinent portions are highlighted. The entire Framework Document can be found online at:***

***[http://www.cvfpb.ca.gov/docs/031209flood\\_improvement.pdf](http://www.cvfpb.ca.gov/docs/031209flood_improvement.pdf)***

DWR revised its levee inspection criteria for vegetation in Fall 2007. The interim vegetation inspection criteria will be used in the short-term until it can be revised using best available science and the Corps completes its review and revision of its levee vegetation standards. The inspection criteria are aimed at improving public safety by providing visibility for inspections, eliminating vegetation conflicts and encroachments that could hamper flood fight activities, and improving access for overall maintenance.

These criteria (see following two figures) apply on the entire landside slope plus a 10-foot wide easement<sup>2</sup> beyond the landside toe. On the waterside, these criteria apply to vegetation on only the top 20 feet (slope length) of the levee slope. Trees within these areas must be trimmed up five feet above the ground (12 feet above the crown road) and thinned enough for visibility and access. Brush, weeds, or other vegetation over 12 inches high blocking visibility and access within these levee areas should be trimmed, thinned, mowed, burned, dragged, or otherwise removed in an allowed manner.

<sup>2</sup>

Note: Not all areas have easements and it will take considerable time to establish them. Therefore, in the interim, inspections will be conducted as though 10-foot easement exists in all areas.

FIGURE 1: NO BERM

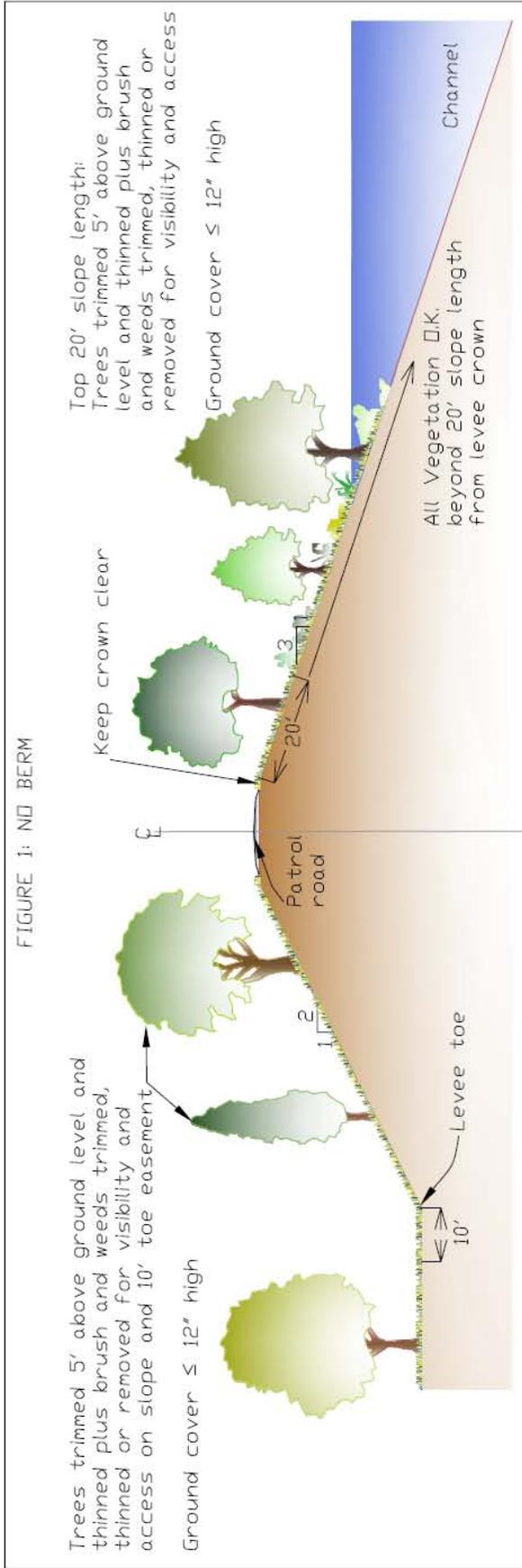
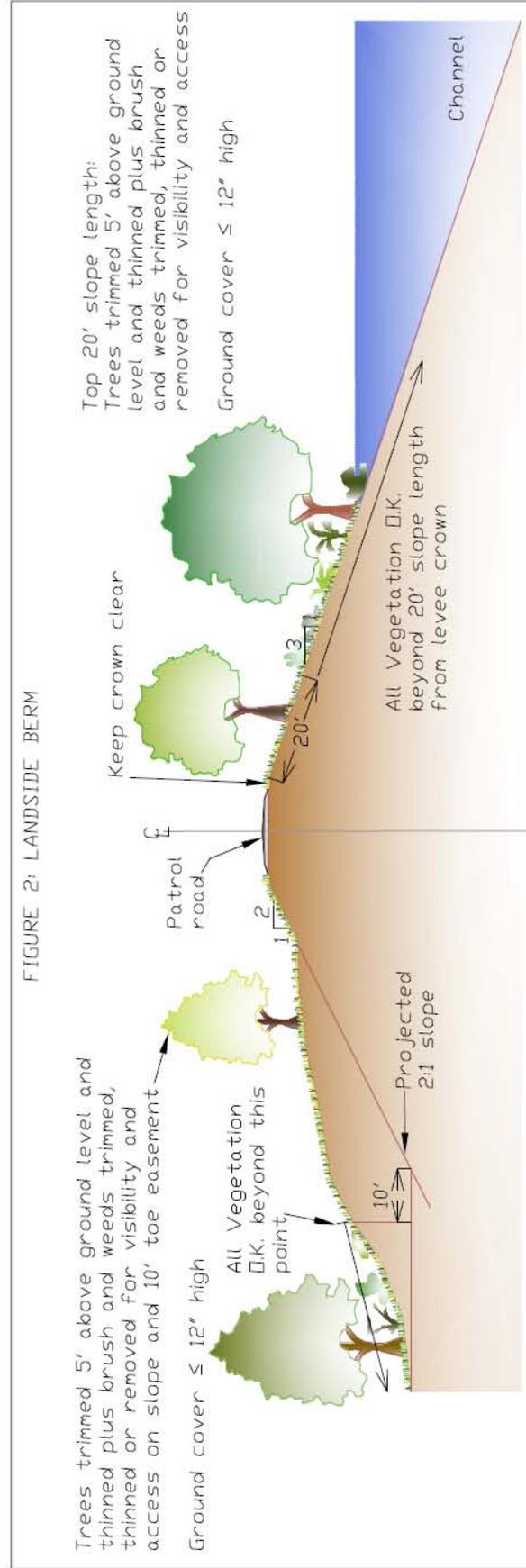
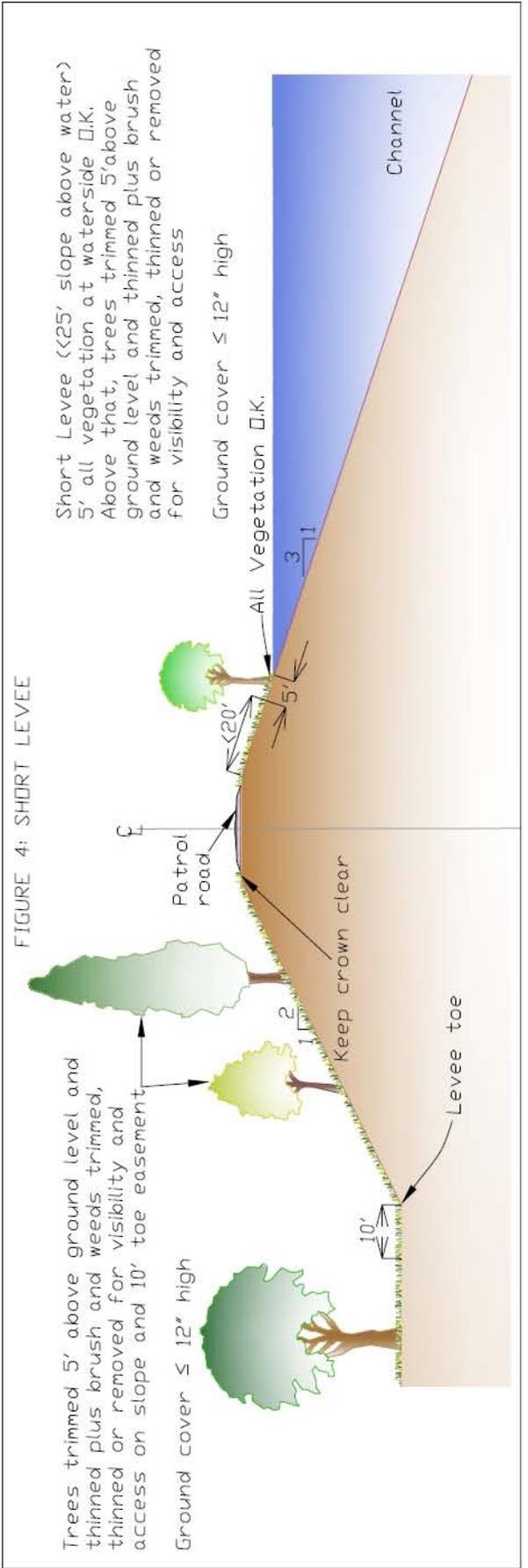
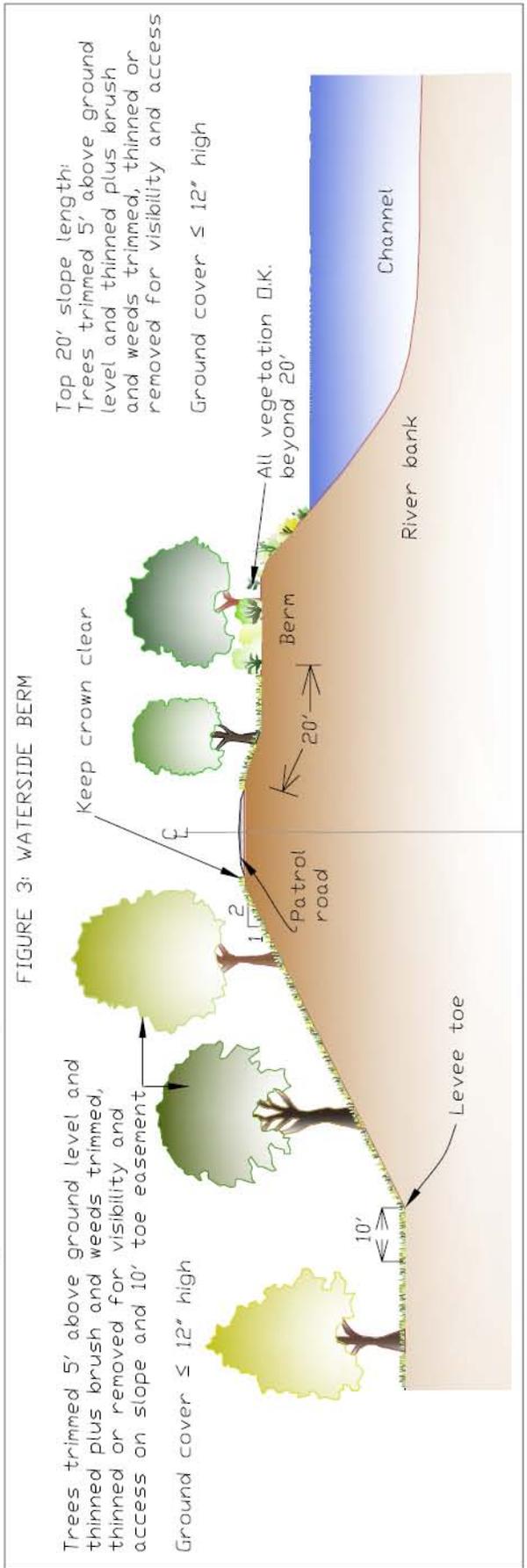


FIGURE 2: LANDSIDE BERM





## Enclosure 1: Framework Document Excerpt

Levee areas that are partially obstructed by vegetation will be rated "Minimally Acceptable." Levee areas that are completely obstructed by vegetation will be rated "Unacceptable." Below the top 20 feet of the waterside slope length, the maintaining agency can use their discretion to let vegetation continue to grow or remove it, subject to State and federal environmental laws. During the interim period, management of new vegetation and encroachments will comply with Corps' standards, except for the portion of the levee below the top 20 feet of the waterside slope length.

The State will require LMAs responsible for maintenance of State-federal project levees in the Central Valley to be in compliance with the interim vegetation requirements by November 1, 2010. The State will further require that LMAs report status of compliance by November 1, 2009, and (for any levees for which the LMAs do not expect full compliance during 2010) to provide levee location, justification for non-compliance, and plans/schedules for complying with the interim requirements. Landscape encroachment vegetation from adjoining properties will be handled as part of the long-term flood improvement plan along with other encroachments. In the event LMAs are not making acceptable progress, and/or the State begins the maintenance area formation process, the Corps will consider this action when evaluating whether to grant extensions relative to PL 84-99 eligibility.

Progress in implementing interim vegetation requirements and other Framework milestones will be reviewed annually by the Corps and DWR to assess progress in complying with the milestones. The review will also address those areas of the system where compliance with the milestones may be delayed due to technical, economic, or environmental factors.

LMAs made significant progress during 2008 – the first "maintenance year" since DWR revised the interim vegetation criteria in the Fall of 2007. It is projected that substantial compliance with interim criteria will be achieved by Fall 2010. There may be levees in some areas where it is not feasible to meet the criteria and those segments of the flood control system could lose eligibility for PL 84-99.

During maintenance activities, the State of California and LMAs are responsible for satisfying all environmental and resource agency requirements or laws that apply to the removal of vegetation. Levees that are already free of vegetation should be maintained in that condition, unless they meet allowable criteria for vegetation enhancement, including overbuilt and setback levees and levees with an approved variance to existing Corps policy.

Encroachments that obstruct visibility and access for inspection and flood fighting pose the same types of threats as created by dense vegetation. DWR currently inspects and reports on the following three types of encroachments:

1. Any encroachment that presents a threat to levee integrity
2. Any encroachment that is inappropriate for being on the levee or easement, such as trash, pruned branches, or abandoned equipment

## Enclosure 1: Framework Document Excerpt

3. Any encroachment that blocks visibility or access to the landside levee slope, the 10-foot toe easement, or the top 20 feet (slope length) of the waterside levee

### 3. Enforcement

During the spring and fall inspection cycles, DWR will identify and document inspection items as Acceptable (A), Minimally Acceptable (M), or Unacceptable (U) considering the Corps' inspection rating criteria, and will identify vegetation maintenance items in accordance with the DWR interim vegetation inspection criteria dated October 2007.

In the short-term, the Central Valley Flood Protection Board (CVFPB), in conjunction with DWR and local maintaining agencies, will address deficient items including:

- Critical items impacting the structural integrity of the levee
- Vegetation not in compliance with interim vegetation inspection criteria, or determined to critically weaken a levee and lower public safety
- Critical erosion issues
- Aggressive rodent control and damage repair program
- Encroachments affecting flood fighting activities or levee integrity

To ensure these inspection deficiencies are addressed, the CVFPB in conjunction with DWR will:

- Notify the Corps of the inspection findings
- Require submittal of a local maintaining agency Corrective Action Plan consistent with the agency's operations and maintenance responsibility
- Identify a time period required to correct deficiencies
- Send notification letters to appropriate land use agencies indicating the inspection status, maintenance history, and impacts on PL 84-99 eligibility through DWR's Flood Risk Notification Program

Administration of local maintaining agency corrective action plans and land use agency notifications will be subject to resource availability through State general fund appropriations. To enforce compliance of deficiencies, the State will rate items that are minimally acceptable as unacceptable if they are not corrected within the time period in the notification, unless work is scheduled or in progress. This may lead to an overall rating of unacceptable resulting in loss of PL84-99 eligibility.

Local maintaining agencies with unacceptable levees for vegetation will be expected to remedy the deficiencies. To remain eligible for the PL 84-99 program, DWR will expect these issues to be addressed expeditiously, and in compliance with all appropriate environmental laws. Local maintaining agencies will need to develop a plan and resolve these vegetation deficiencies by November 2010, or within 2 years after the vegetation issues are first identified. The Corps may give extensions beyond 2010 if the local maintaining agencies have made substantial efforts and adequate progress to expeditiously remedy

### **Enclosure 1: Framework Document Excerpt**

vegetation deficiencies. In the event local maintaining agencies are not making acceptable progress, and/or the State begins the maintenance area formation process, the Corps will consider this action when evaluating whether to grant extensions relative to PL 84-99 eligibility.

DWR and the CVFPB will comply with Article 4, Enforcement Proceedings, CCR Title 23, Waters. Unauthorized encroachments that pose an immediate threat to the integrity of the flood control system will be addressed first.

Levees identified with the above types of deficiencies shall be considered for PL 84-99 eligibility up to 2012, provided the levee was originally eligible as described above in Inspections - State and Corps Roles.

The following is Appendix C of the 2009 Inspection Report of the Central Valley State-Federal Flood Protection System, DWR 2010. The entire document can be found at <http://cdec.water.ca.gov/fsir.html>.

## Appendix C: Inspection Category Rating Descriptions

**Table C-1: Levee Inspection Rating Categories**

FEATURE	CATEGORY	RATING	RATING DESCRIPTION
Earthen Levee	Vegetation	A	The Levee has a good grass cover with no unwanted vegetation (brush, bushes, undesirable weeds) blocking visibility or access.
		M	Tall grass, weeds, or brush partially block visibility of or access to the levee and/or to 10' beyond the landside toe.
		U	Tall grass, weeds, or brush completely block visibility of or access to the levee and/or to 10' beyond the landside toe.
Earthen Levee	Trim/ Thin Trees	A	Any trees on the levee or the 10' landside toe easement are trimmed up at least 5' above the levee slope and spaced enough to allow visibility and flood fight access. Trees adjacent to the levee crown or patrol road are trimmed at least 12' above ground.
		M	Moderate density of limbs, leaves or the trees themselves are partially obstructing visibility and flood fight access to the levee slope and/or 10' beyond the landside toe.
		U	Significant density of limbs, leaves or the trees themselves are completely obstructing visibility and flood fight access to the levee slope and/or 10' beyond the landside toe.
Earthen Levee	Encroachments	A	No Trash or debris present. No excavation, structures, or other encroachments threatening levee integrity. No encroachments obstruct visibility or access to the levee or landside toe easement.
		M	Minimal trash or debris present. Minor excavation, structure, or other encroachment poses minor threat to levee integrity.
		U	Significant trash or debris present. Major excavation, structure, or other encroachment poses major threat to levee integrity.
		PO	An encroachment (Permitted or Non-Permitted) partially obstructs visibility and access to the levee and/or 10' beyond landside toe.
		CO	An encroachment (Permitted or Non-Permitted) completely obstructs visibility and access to the levee and/or 10' beyond landside toe.
Earthen Levee	Animal Control	A	Continuous animal burrow control program in place that includes the elimination of active burrowing and the filling in and compacting or grouting of existing burrows.
		M	The existing animal eradication and burrow repair program needs to be improved. Several animal burrows present which may lead to seepage or slope stability problems. Burrows must be filled and compacted or grouted.
		U	Animal eradication and burrow repair program is not effective or is nonexistent. Significant maintenance is required to fill and compact or grout existing burrows, and levee will not provide reliable flood protection until this maintenance is complete.
Earthen Levee	Slope Stability	A	No slides present.
		M	Minor superficial sliding that with deferred repairs will not pose an immediate threat to FCW integrity.
		U	Evidence of deep seated sliding that threatens FCW integrity. Repairs are required to reestablish FCW integrity.

The following is Appendix C of the 2009 Inspection Report of the Central Valley State-Federal Flood Protection System, DWR 2010. The entire document can be found at <http://cdec.water.ca.gov/fsir.html>.

Earthen Levee	Erosion/ Bank Caving	A	No active erosion or bank caving observed on the landward or on the riverward side of the levee.
		M	There are areas where active erosion is occurring or has occurred on or near the levee embankment, but levee integrity is not threatened.
		U	Erosion or caving is occurring or has occurred that threatens the stability and integrity of the levee. The erosion or caving has progressed into the levee section or into the extended footprint of the levee foundation and has compromised the levee foundation stability.
Earthen Levee	Cracking	A	No Cracking observed on the levee greater than 6 inches deep.
		M	Longitudinal and/or transverse cracking greater than 6 inches deep. No evidence of vertical movement along the crack.
		U	Longitudinal and/or transverse cracking present and exhibits signs of vertical movement.
Earthen Levee	Crown Surface/ Depressions/ Rutting	A	The road is in all-weather condition. There are no ruts, pot holes, or other depressions on the levee, except for minor depressions caused by levee settlement. The levee crown, embankments, and access road crowns are well established and drain properly without any ponded water.
		M	Some minor depressions in the levee crown, embankment, or access roads that will not pond water and do not threaten the integrity of the levee or some additional road material may be necessary.
		U	There are depressions greater than 6 inches deep that will pond water, endangering the integrity of the levee or significant additional road material is needed.
Earthen Levee	Rip Rap Revetments	A	Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.
		M	Minor riprap displacement or scouring activity that could undercut banks, erode embankments, or restrict desired flow.
		U	Meandering and/or scour activity is undercutting banks, eroding embankments, or impairing channel flows by causing turbulence or shoaling. Significant quantities of riprap have been lost.
Earthen Levee	Closure Structures	A	Closure structure in good repair. Placing equipment, stoplogs, and other materials are readily available at all times. Components of closure clearly marked and installation instructions / procedures readily available.
		U	Closure structure in poor condition. Parts missing or corroded. Placing equipment may not be available within normal warning time.
Earthen Levee	Seepage/ Sandboils	A	No Seepage, saturated areas, or sand boils occurring at the time of the inspection.
		U	Seepage and/or sand boils were observed which could threaten the integrity of the project. (Regardless of size, any sand boils observed during low water conditions could threaten project integrity when the water is high, and are considered unacceptable.)

The following is Appendix C of the 2009 Inspection Report of the Central Valley State-Federal Flood Protection System, DWR 2010. The entire document can be found at <http://cdec.water.ca.gov/fsir.html>.

Earthen Levee	Underseepage Relief Wells	A	Toe drainage system and pressure relief wells necessary for maintaining FCW stability during flood events functioned properly during the last flood event and no sediment is observed in horizontal system. Nothing is observed which would indicate that the system won't function properly during the next flood.
		M	Toe drainage system or pressure relief wells are damaged and may become clogged if they are not repaired.
		U	Toe drainage systems or pressure relief wells necessary for maintaining FCW stability during flood events have fallen into disrepair or have become clogged.
Earthen Levee	Repair Gates	A	Gates open and close freely, locks are in place and there is little corrosion on metal parts.
		M	Gates are damaged or corroded but appear to be maintainable.
		U	Gates are damaged, corroded or impassable and require replacement. District or pass key is not accepted by attached locks.
Interior Drainage & Piping Systems	Vegetation & Obstructions	A	Minimal, scattered obstructions or vegetation. The flow is not impeded.
		M	Log jams, snags, vegetation growth (such as cat tails, bull rushes, bushes or saplings) or other obstructions block approximately 25% of the FCW.
		U	Log jams, snags, vegetation growth (such as cat tails, bull rushes, bushes or saplings) or other obstructions block approximately 50% of the FCW.
Interior Drainage & Piping Systems	Encroachments	A	No Trash, debris, excavation, structures, or other obstructions present within the project easement area. Encroachments which do not diminish proper functioning of the project have been previously approved by the Rec. Board.
		M	Trash, debris, excavations, structures, or other obstructions present, or inappropriate activities that will not inhibit project operations and maintenance or emergency operations. Encroachments have been approved by the Rec. Board.
		U	Trash, debris, excavation, structures, or other obstructions present, or inappropriate activities that will inhibit project operations and maintenance or emergency operation.
Interior Drainage & Piping Systems	Revetments	A	Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.
		M	No riprap displacement or scouring activity that could undercut banks, erode embankments, or restrict desired flow. Unwanted vegetation must be cleared and sprayed with an appropriate herbicide.
		U	Dense brush, trees, or grasses hide the rock protection, or meandering and/or scour activity is undercutting banks, eroding embankments, or impairing channel flows by causing turbulence or shoaling.

The following is Appendix C of the 2009 Inspection Report of the Central Valley State-Federal Flood Protection System, DWR 2010. The entire document can be found at <http://cdec.water.ca.gov/fsir.html>.

Interior Drainage & Piping Systems	Erosion Areas	A	No active erosion or bank caving observed on the landward or on the riverward side of the levee.
		M	There are areas where active erosion is occurring or has occurred on or near the levee embankment, but levee integrity is not threatened.
		U	Erosion or caving is occurring or has occurred that threatens the stability and integrity of the levee. The erosion or caving has progressed into the levee section or into the extended footprint of the levee foundation and has compromised the levee foundation stability.
Interior Drainage & Piping Systems	Culverts: Inlets/ Outlets	A	There is little or no debris, sediment or vegetation blocking the culverts, inlets, sump or discharge areas. The channel capacity for designed flow is not affected.
		M	Debris, sediment or vegetation blocks less than 10% of the culvert opening, but must be removed.
		U	Accumulated debris, sediment or vegetation blocks more than 10% of the culvert opening, impairing the culvert's capacity and hydraulic effectiveness.
Interior Drainage & Piping Systems	Culverts: Breaks/ Holes/Cracks	A	There are no breaks, holes, cracks in the culvert that would result in significant water leakage. Corrugated metal pipes, if present, are in good condition or have been relined with appropriate material which is still in good condition.
		M	There are breaks, holes, cracks in the culvert that would result in water leakage and need to be repaired but do not threaten the integrity of the project. Corrugated metal pipes, if present, are showing deterioration, but the entire length of pipe is still structurally sound and is not in danger of collapsing.
		U	Culvert has deterioration and/or has significant leakage such that it threatens the integrity of the FCW. Corrugated metal pipes are in danger of collapsing or have already begun to collapse.
Interior Drainage & Piping Systems	Metal Pipes	A	There are no breaks, holes, cracks in the culvert that would result in significant water leakage. Corrugated metal pipes, if present are in good condition or have been relined with appropriate material which is still in good condition.
		M	There are breaks, holes, cracks in the culvert that would result in water leakage and need to be repaired but do not threaten the integrity of the project. Corrugated metal pipes, if present, are showing deterioration, but the entire length of pipe is still structurally sound and is not in danger of collapsing.
		U	Culvert has deterioration and/or has significant leakage such that it threatens the integrity of the FCW. Corrugated metal pipes are in danger of collapsing or have already begun to collapse.
Interior Drainage & Piping Systems	Trash Racks	A	Trash racks are fastened in place and properly maintained.
		M	Trash racks are in place but are unfastened or have bent bars that allow debris to enter into the pipe or pump station. Repair or replacement is required.
		U	Trash rack is missing or damaged to the extent that it is no longer functional and must be replaced.

The following is Appendix C of the 2009 Inspection Report of the Central Valley State-Federal Flood Protection System, DWR 2010. The entire document can be found at <http://cdec.water.ca.gov/fsir.html>.

Interior Drainage & Piping Systems	Flap Gates	A	Flap gates open and close easily with minimal leakage. Gates show no corrosion damage and have been maintained.
		M	Gate will not fully open or close because of obstructions that can be easily removed or has corrosion damage that requires maintenance.
		U	Gate is missing, has been damaged or has deteriorated and needs repair.
Interior Drainage & Piping Systems	Sluice / Slide Gates	A	Gates open and close freely with minor leakage. Sill is free of sediment and other obstructions. Gates and lifters have been maintained.
		M	Gates have been damaged, have deteriorated, or open or close with resistance or binding. Leakage quantity is controllable and is not a threat to project performance. Maintenance is required.
		U	Gates do not open or close. Gate, stem, lifter, and/or guides are damaged or corroded.
Interior Drainage & Piping Systems	Electric Gate Operators	A	All electric gate operators are in good working condition, are adequately powered, and are capable of opening and closing the gate properly. Preventative maintenance is being performed and the system is tested periodically.
		M	All electric gate operators are operational with minor deficiencies but should perform through the next period of usage.
		U	The electric gate operators are not operational, or the power source is not considered reliable to sustain operations during flood conditions.
Interior Drainage & Piping Systems	Manual Gate Operators	A	All manual gate operators are in good working condition and are capable of opening and closing the gate properly. Preventative maintenance is being performed and the system is tested periodically.
		M	Manual gate operators are operational with minor deficiencies but should perform through the next period of usage.
		U	Manual gate operators are not operational.
Interior Drainage & Piping Systems	Concrete Surfaces	A	Negligible spalling, scaling, or cracking. If the concrete surface is weathered, rough to the touch, or holds moisture, it is still satisfactory but should be seal coated to prevent freeze / thaw damage.
		M	Spalling, scaling, and open cracking present, but the immediate integrity or performance of the structure is not threatened. Reinforcing steel may be exposed. Repairs / sealing is necessary to prevent additional damage during periods of thawing and freezing.
		U	Surface deterioration or deep, controlled cracks present that result in an unreliable structure.
Interior Drainage & Piping Systems	Concrete Tilting/ Settlement	A	There are no significant areas of tilting, sliding, or settlement that would endanger the integrity of the project.
		M	There are areas of tilting, sliding, or settlement (either active or inactive) that need to be repaired. The integrity of the structure is not in danger.
		U	There are areas of tilting, sliding, or settlement (either active or inactive) that threaten the structure's integrity and performance.

The following is Appendix C of the 2009 Inspection Report of the Central Valley State-Federal Flood Protection System, DWR 2010. The entire document can be found at <http://cdec.water.ca.gov/fsir.html>.

Interior Drainage & Piping Systems	Concrete Foundations	A	No scouring / erosion or undermining near the structure.
		M	Scouring / erosion near the footing of the structure but not close enough to affect structure stability during the next flood.
		U	Scouring or undermining at the foundation that has affected structural integrity.
Interior Drainage & Piping Systems	Security Fencing	A	Safety / security fencing is in good condition and provides protection against falling or unauthorized access. Gates open and close freely, locks are in place, and there is little corrosion on metal parts.
		M	Safety / security fencing or gates are damaged or corroded but appear to be maintainable. Locks may be missing or damaged.
		U	Safety / security fencing and gates are damaged or corroded to the point that replacement is required, or potentially dangerous project features are not secured.
Concrete Floodwalls	Concrete Surfaces	A	Negligible spalling, scaling, or cracking. If the concrete surface is weathered, rough to the touch, or holds moisture, it is still satisfactory but should be seal coated to prevent freeze / thaw damage.
		M	Spalling, scaling, and open cracking present, but the immediate integrity or performance of the structure is not threatened. Reinforcing steel may be exposed. Repairs / sealing is necessary to prevent additional damage during periods of thawing and freezing.
		U	Surface deterioration or deep, controlled cracks present that result in an unreliable structure.
Concrete Floodwalls	Concrete Tilting/ Settlement	A	There are no significant areas of tilting, sliding, or settlement that would endanger the integrity of the project.
		M	There are areas of tilting, sliding, or settlement (either active or inactive) that need to be repaired. The integrity of the structure is not in danger.
		U	There are areas of tilting, sliding, or settlement (either active or inactive) that threaten the structure's integrity and performance.
Concrete Floodwalls	Concrete Foundations	A	No scouring / erosion or undermining near the structure.
		M	Scouring / erosion near the footing of the structure but not close enough to affect structure stability during the next flood.
		U	Scouring or undermining at the foundation that has affected structural integrity.
Concrete Floodwalls	Monolith Joints	A	The monolith joint material is in good condition.
		M	The monolith joint material is deteriorating and needs to be repaired or replaced to prevent spalling and cracking during freeze / thaw cycles.
		U	The monolith joint material is severely deteriorated and the concrete has spalled and cracked, damaging the water stop to the point where it will not provide the intended level of protection during a flood.

The following is Appendix C of the 2009 Inspection Report of the Central Valley State-Federal Flood Protection System, DWR 2010. The entire document can be found at <http://cdec.water.ca.gov/fsir.html>.

Concrete Floodwalls	Erosion / Bank Caving	A	No active erosion or bank caving observed on the landward or on the riverward side of the levee.
		M	There are areas where active erosion is occurring or has occurred on or near the levee embankment, but levee integrity is not threatened.
		U	Erosion or caving is occurring or has occurred that threatens the stability and integrity of the levee. The erosion or caving has progressed into the levee section or into the extended footprint of the levee foundation and has compromised the levee foundation stability.
Concrete Floodwalls	Vegetation & Obstructions	A	No Trash, debris, excavation, structures, or other obstructions present within the project easement area. Encroachments which do not diminish proper functioning of the project have been previously approved by the Rec. Board.
		M	Trash, debris, excavations, structures, other obstructions present, or inappropriate activities that will not inhibit project operations and maintenance or emergency operations. Encroachments have been approved by the Rec. Board.
		U	Trash, debris, excavation, structures, other obstructions present, or inappropriate activities that will inhibit project operations and maintenance or emergency operation.
Concrete Floodwalls	Closure Structures	A	Closure structure in good repair. Placing equipment, stoplogs, and other materials are readily available at all times. Components of closure clearly marked and installation instructions / procedures readily available.
		U	Closure structure in poor condition. Parts missing or corroded. Placing equipment may not be available within normal warning time.
Concrete Floodwalls	Underseepage Relief Wells	A	Toe drainage system and pressure relief wells necessary for maintaining FCW stability during flood events functioned properly during the last flood event and no sediment is observed in horizontal system. Nothing is observed which would indicate that the system won't function properly during the next flood.
		M	Toe drainage system or pressure relief wells are damaged and may become clogged if they are not repaired.
		U	Toe drainage systems or pressure relief wells necessary for maintaining FCW stability during flood events have fallen into disrepair or have become clogged.

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**Table C-2: Channel Inspection Rating Categories**

CATEGORY	RATING	RATING DESCRIPTION
Vegetation & Obstructions	A	Minimal, scattered obstructions or vegetation. The flow is not impeded.
	M	Log jams, snags, vegetation growth (such as cat tails, bull rushes, bushes, or saplings), or other obstructions block approximately 25% of the FCW.
	U	Log jams, snags, vegetation growth (such as cat tails, bull rushes, bushes, or saplings), or other obstructions block approximately 50% of the FCW.
	N	This item does not apply to this inspection.
Shoaling / Sedimentation	A	No shoaling or sedimentation present.
	M	Non-aquatic grasses present on shoal. No trees or brush is present on shoal, and channel flow is not impeded.
	U	Shoaling is well established, stabilized by trees, brush, or other vegetation. Shoals are diverting flow to channel bank causing bank erosion and undercutting.
	N	This item does not apply to this inspection.
Erosion / Bank Caving	A	No head cutting or horizontal deviation observed.
	M	Head cutting and horizontal deviation evident, but less than 1 foot from designed grade or cross section.
	U	Apparent head cutting and horizontal deviation of more than 1 foot from designed grade or cross section. Corrective actions required to stop or slow erosion.
	N	This item does not apply to this inspection.
Revetments	A	Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.
	M	No riprap displacement or scouring activity that could undercut banks, erode embankments, or restrict desired flow. Unwanted vegetation must be cleared and sprayed with an appropriate herbicide.
	U	Dense brush, trees, or grasses hide the rock protection, or meandering and/or scour activity is undercutting banks, eroding embankments, or impairing channel flows by causing turbulence or shoaling.
	N	This item does not apply to this inspection.
Encroachments	A	No Trash, debris, excavation, structures, or other obstructions present within the project easement area. Encroachments which do not diminish proper functioning of the project have been previously approved by the Rec. Board.
	M	Trash, debris, excavations, structures, or other obstructions present, or inappropriate activities that will not inhibit project operations and maintenance or emergency operations. Encroachments have been approved by the Rec. Board.
	U	Trash, debris, excavation, structures, or other obstructions present, or inappropriate activities that will inhibit project operations and maintenance or emergency operation.
	N	This item does not apply to this inspection.

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Concrete Tilting / Settlement	A	There are no significant areas of tilting, sliding, or settlement that would endanger the integrity of the project.
	M	There are areas of tilting, sliding, or settlement (either active or inactive) that need to be repaired. The integrity of the structure is not in danger.
	U	There are areas of tilting, sliding, or settlement (either active or inactive) that threaten the structure's integrity and performance.
	N	This item does not apply to this inspection.
Concrete Foundations	A	No scouring / erosion or undermining near the structure.
	M	Scouring / erosion near the footing of the structure but not close enough to affect structure stability during the next flood.
	U	Scouring or undermining at the foundation that has affected structural integrity.
	N	This item does not apply to this inspection.
Concrete Surfaces	A	Negligible spalling, scaling, or cracking. If the concrete surface is weathered, rough to the touch, or holds moisture, it is still satisfactory but should be seal coated to prevent freeze / thaw damage.
	M	Spalling, scaling, and open cracking present, but the immediate integrity or performance of the structure is not threatened. Reinforcing steel may be exposed. Repairs / sealing is necessary to prevent additional damage during periods of thawing and freezing.
	U	Surface deterioration or deep, controlled cracks present that result in an unreliable structure.
	N	This item does not apply to this inspection.
Gates	A	Flap gates open and close easily with minimal leakage. Gates show no corrosion damage and have been maintained.
	M	Gate will not fully open or close because of obstructions that can be easily removed or has corrosion damage that requires maintenance.
	U	Gate is missing, has been damaged or has deteriorated and needs repair.
	N	This item does not apply to this inspection.

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**Table C-3: Structure Rating Categories**

CATEGORY	RATING	RATING DESCRIPTION
Vegetation & Obstructions	A	Minimal, scattered obstructions or vegetation. The flow is not impeded.
	M	Log jams, snags, vegetation growth (such as cat tails, bull rushes, bushes or saplings) or other obstructions block approximately 25% of the FCW.
	U	Log jams, snags, vegetation growth (such as cat tails, bull rushes, bushes or saplings) or other obstructions block approximately 50% of the FCW.
	N	This item does not apply to this inspection.
Shoaling / Sedimentation	A	No shoaling or sedimentation present.
	M	Non-aquatic grasses present on shoal. No trees or brush are present on shoal, and structure operation and channel flows are not impeded.
	U	Shoaling is well established, stabilized by trees, brush or other vegetation. Shoals are obstructing structure operation or diverting flow to channel bank causing bank erosion and undercutting.
	N	This item does not apply to this inspection.
Erosion / Bank Caving	A	No active erosion or bank caving observed on the landward or on the riverward side of the levee.
	M	There are areas where active erosion is occurring or has occurred on or near the levee embankment, but levee integrity is not threatened.
	U	Erosion or caving is occurring or has occurred that threatens the stability and integrity of the levee. The erosion or caving has progressed into the levee section or into the extended footprint of the levee foundation and has compromised the levee foundation stability.
	N	This item does not apply to this inspection.
Revetments	A	Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.
	M	No riprap displacement or scouring activity that could undercut banks, erode embankments, or restrict desired flow. Unwanted vegetation must be cleared and sprayed with an appropriate herbicide.
	U	Dense brush, trees, or grasses hide the rock protection, or meandering and/or scour activity is undercutting banks, eroding embankments, or impairing channel flows by causing turbulence or shoaling.
	N	This item does not apply to this inspection.
Encroachments	A	No Trash, debris, excavation, structures, or other obstructions present within the project easement area. Encroachments which do not diminish proper functioning of the project have been previously approved by the Rec. Board.
	M	Trash, debris, excavations, structures, other obstructions present, or inappropriate activities that will not inhibit project operations and maintenance or emergency operations. Encroachments have been approved by the Rec. Board.
	U	Trash, debris, excavation, structures, other obstructions present, or inappropriate activities that will inhibit project operations and maintenance or emergency operation.
	N	This item does not apply to this inspection.

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Culverts: Inlets / Outlets	A	There is little or no debris, sediment, or vegetation blocking the culverts, inlets, sump, or discharge areas. The channel capacity for designed flow is not affected.
	M	Debris, sediment, or vegetation blocks less than 10% of the culvert opening but must be removed.
	U	Accumulated debris, sediment, or vegetation blocks more than 10% of the culvert opening, impairing the culvert's capacity and hydraulic effectiveness.
	N	This item does not apply to this inspection.
Culverts: Breaks / Holes / Cracks	A	There are no breaks, holes, cracks in the culvert that would result in significant water leakage. Corrugated metal pipes, if present, are in good condition or have been relined with appropriate material which is still in good condition.
	M	There are breaks, holes, cracks in the culvert that would result in water leakage and need to be repaired but do not threaten the integrity of the project. Corrugated metal pipes, if present, are showing deterioration, but the entire length of pipe is still structurally sound and is not in danger of collapsing.
	U	Culvert has deterioration and/or has significant leakage such that it threatens the integrity of the FCW. Corrugated metal pipes are in danger of collapsing or have already begun to collapse.
	N	This item does not apply to this inspection.
Metal Pipes	A	There are no breaks, holes, cracks in the culvert that would result in significant water leakage. Corrugated metal pipes, if present, are in good condition or have been relined with appropriate material which is still in good condition.
	M	There are breaks, holes, cracks in the culvert that would result in water leakage and need to be repaired but do not threaten the integrity of the project. Corrugated metal pipes, if present, are showing deterioration, but the entire length of pipe is still structurally sound and is not in danger of collapsing.
	U	Culvert has deterioration and/or has significant leakage such that it threatens the integrity of the FCW. Corrugated metal pipes are in danger of collapsing or have already begun to collapse.
	N	This item does not apply to this inspection.
Trash Racks	A	Trash racks are fastened in place and properly maintained.
	M	Trash racks are in place but are unfastened or have bent bars that allow debris to enter into the pipe or pump station. Repair or replacement is required.
	U	Trash rack is missing or damaged to the extent that it is no longer functional and must be replaced.
	N	This item does not apply to this inspection.

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Flap Gates	A	Flap gates open and close easily with minimal leakage. Gates show no corrosion damage and have been maintained.
	M	Gate will not fully open or close because of obstructions that can be easily removed or has corrosion damage that requires maintenance.
	U	Gate is missing, has been damaged, or has deteriorated and needs repair.
	N	This item does not apply to this inspection.
Sluice / Slide Gates	A	Gates open and close freely with minor leakage. Sill is free of sediment and other obstructions. Gates and lifters have been maintained.
	M	Gates have been damaged, have deteriorated, or open or close with resistance or binding. Leakage quantity is controllable and is not a threat to project performance. Maintenance is required.
	U	Gates do not open or close. Gate, stem, lifter, and/or guides are damaged or corroded.
	N	This item does not apply to this inspection.
Electric Gate Operators	A	All electric gate operators are in good working condition, are adequately powered, and are capable of opening and closing the gate properly. Preventative maintenance is being performed and the system is tested periodically.
	M	All electric gate operators are operational with minor deficiencies but should perform through the next period of usage.
	U	The electric gate operators are not operational, or the power source is not considered reliable to sustain operations during flood conditions.
	N	This item does not apply to this inspection.
Manual Gate Operators	A	All manual gate operators are in good working condition and are capable of opening and closing the gate properly. Preventative maintenance is being performed and the system is tested periodically.
	M	Manual gate operators are operational with minor deficiencies but should perform through the next period of usage.
	U	Manual gate operators are not operational.
	N	This item does not apply to this inspection.
Concrete Surfaces	A	Negligible spalling, scaling, or cracking. If the concrete surface is weathered, rough to the touch, or holds moisture, it is still satisfactory but should be seal coated to prevent freeze / thaw damage.
	M	Spalling, scaling, and open cracking present, but the immediate integrity or performance of the structure is not threatened. Reinforcing steel may be exposed. Repairs / sealing is necessary to prevent additional damage during periods of thawing and freezing.
	U	Surface deterioration or deep, controlled cracks present that result in an unreliable structure.
	N	This item does not apply to this inspection.
Concrete Tilting / Settlement	A	There are no significant areas of tilting, sliding, or settlement that would endanger the integrity of the project.
	M	There are areas of tilting, sliding, or settlement (either active or inactive) that need to be repaired. The integrity of the structure is not in danger.
	U	There are areas of tilting, sliding, or settlement (either active or inactive) that threaten the structure's integrity and performance.
	N	This item does not apply to this inspection.

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Concrete Foundations	A	No scouring / erosion or undermining near the structure.
	M	Scouring / erosion near the footing of the structure but not close enough to affect structure stability during the next flood.
	U	Scouring or undermining at the foundation that has affected structural integrity.
	N	This item does not apply to this inspection.
Security Fencing	A	Safety / security fencing is in good condition and provides protection against falling or unauthorized access. Gates open and close freely, locks are in place, and there is little corrosion on metal parts.
	M	Safety / security fencing or gates are damaged or corroded but appear to be maintainable. Locks may be missing or damaged.
	U	Safety / security fencing and gates are damaged or corroded to the point that replacement is required, or potentially dangerous project features are not secured.
	N	This item does not apply to this inspection.
Closure Structures	A	Closure structure in good repair. Placing equipment, stoplogs, and other materials are readily available at all times. Components of closure clearly marked and installation instructions / procedures readily available.
	U	Closure structure in poor condition. Parts missing or corroded. Placing equipment may not be available within normal warning time.
	N	This item does not apply to this inspection.
Trash Rakes	A	Drive chain, bearings, gear reducers, and other components are in good operating condition and are being properly maintained.
	M	The trash rake is in need of maintenance but is still operational.
	U	Trash rake is not operational or deficiencies will inhibit operations during the next flood event.
	N	This item does not apply to this inspection.
Other Metallic Items	A	All metal parts are protected from corrosion damage and show no rust or deterioration that would cause a safety concern.
	M	Corrosion seen on metallic parts (except equipment anchors) appears maintainable.
	U	Metallic parts are severely corroded and require replacement to prevent failure, equipment damage, or safety issues.
	N	This item does not apply to this inspection.
Monolith Joints	A	The monolith joint material is in good condition.
	M	The monolith joint material is deteriorating and needs to be repaired or replaced to prevent spalling and cracking during freeze / thaw cycles.
	U	The monolith joint material is severely deteriorated and the concrete has spalled and cracked, damaging the water stop to the point where it will not provide the intended level of protection during a flood.
	N	This item does not apply to this inspection.

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Safety	A	Safety hardware installed. Adequate protection for fall hazards exists. No hazardous conditions that might affect the operation of the structure exist.
	M	Minor safety hazards are present, but do not pose an immediate threat to the structure or personnel at the structure. Corrections should be made prior to the next annual inspection.
	U	Safety issues exist that could cause injury or loss of life.
	N	This item does not apply to this inspection.

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**Table C-4: Pump Station Rating Categories**

CATEGORY	RATING	RATING DESCRIPTION
Operating Log	A	Operation and Maintenance log is present at the pump station and is being used and updated, and personnel have been trained in pump station operations. Names and last training date shown in the log book.
	U	No operating log present, or refresher training for personnel has not been conducted.
	N	This item does not apply to the pumping plant, conditions prevent inspection (e.g. low water, inaccessible location, time constraints), or inspection would cause physical danger or unreasonable cost.
Operation & Maintenance Manual	A	Operation and Maintenance (O&M) Manual and/or posted operating instructions are present and adequately cover all pertinent pump station features.
	U	Operation and Maintenance (O&M) Manual and/or posted operating instructions are missing or sponsor is unsure of location.
	N	This item does not apply to the pumping plant, conditions prevent inspection (e.g. low water, inaccessible location, time constraints), or inspection would cause physical danger or unreasonable cost.
Plant Building	A	Plant building is in good structural condition with no major cracks in concrete or brick. The roof is not leaking, exhaust fans are operational, there are no exposed electrical components, and the working environment is safe.
	M	There is significant cracking in the building structure, or the building is damaged in other ways such that it needs repair but does not threaten pumping operations.
	U	The structural integrity or stability of the building is threatened, or there is other damage to the building such that pumping operations cannot be performed as intended.
	N	This item does not apply to the pumping plant, conditions prevent inspection (e.g. low water, inaccessible location, time constraints), or inspection would cause physical danger or unreasonable cost.
Communications	A	Telephone, cellular telephone, two-way radio, or similar device is available to pump station operator or maintenance personnel.
	U	Pump station operator or maintenance personnel required to leave the pump station and drive to access communications.
	N	This item does not apply to the pumping plant, conditions prevent inspection (e.g. low water, inaccessible location, time constraints), or inspection would cause physical danger or unreasonable cost.

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Safety	A	No exhaust leaks in building. Fuel storage/distribution meets state/local requirement. Fire extinguishers on hand, of sufficient quantity, and properly charged. Safety hardware installed. Required safety items used (hearing, eyes, etc.).
	M	Minor safety hazards are present, but do not pose an immediate threat to the pumping plant or personnel at the plant. Corrections should be made prior to the next annual inspection.
	U	Safety issues exist that could cause injury or loss of life.
	N	This item does not apply to the pumping plant, conditions prevent inspection (e.g. low water, inaccessible location, time constraints), or inspection would cause physical danger or unreasonable cost.
Cranes	A	Crane operational and has been inspected and load tested in accordance with OSHA requirements.
	M	Crane has not been inspected or operationally tested within the past year, or there are visible signs of corrosion, oil leakage, etc, requiring maintenance.
	U	Crane not operational or tagged out of service.
	N	This item does not apply to the pumping plant, conditions prevent inspection (e.g. low water, inaccessible location, time constraints), or inspection would cause physical danger or unreasonable cost.
Pumps	A	All pumps are properly maintained and lubricated. System is periodically tested, and there is no evidence of cavitation, vibration, or unusual sounds.
	M	Minor deficiencies exist which need to be closely monitored or repaired, such as the presence of minor vibrations or the corrosion of the pump shaft housing. However, the pumps are operational and are expected to perform through the next expected period of usage.
	U	One or more of the pumps are not operational, or the pump capacity has degraded to the point where project performance is in question.
	N	This item does not apply to the pumping plant, conditions prevent inspection (e.g. low water, inaccessible location, time constraints), or inspection would cause physical danger or unreasonable cost.
Power	A	The power source is adequate, safe, and reliable. Backup generators are on hand or there is a reliable backup power plan in place. Backup units are properly sized, operational, periodically exercised, and properly maintained.
	U	Power source not considered safe or reliable to sustain operations during flood conditions.
	N	This item does not apply to the pumping plant, conditions prevent inspection (e.g. low water, inaccessible location, time constraints), or inspection would cause physical danger or unreasonable cost.

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Motors, Engines, Fans & Gear Reducers	A	All items are operational. Preventative maintenance and lubrication are being performed and the system is periodically subjected to performance testing. Instrumentation, alarms, and auto shutdowns are operational.
	M	Systems have minor deficiencies but are operational and will function adequately through the next flood.
	U	One or more primary motors or systems are not operational.
	N	This item does not apply to the pumping plant, conditions prevent inspection (e.g. low water, inaccessible location, time constraints), or inspection would cause physical danger or unreasonable cost.
Pump Control Systems	A	Operational and maintained free of damage, corrosion, or other debris.
	M	Operational with minor discrepancies. Will function adequately during the next flood event.
	U	Pump controls not operational. May not function adequately during the next flood season.
	N	This item does not apply to the pumping plant, conditions prevent inspection (e.g. low water, inaccessible location, time constraints), or inspection would cause physical danger or unreasonable cost.
Sumps/Wet Well	A	Clear of excessive debris, sediment, or other obstructions. Procedures are in place to move debris accumulation during operation.
	M	Debris, sediment, or other obstructions are present and must be removed, but the sump / wet well will function as intended during the next flood event. Procedures are in place to remove debris accumulation during operation.
	U	Large debris or excessive silt present which will hinder or damage pumps during operation, or no procedures have been established to remove debris accumulation during operation.
	N	This item does not apply to the pumping plant, conditions prevent inspection (e.g. low water, inaccessible location, time constraints), or inspection would cause physical danger or unreasonable cost.
Trash Racks	A	Trash racks are fastened in place and properly maintained.
	M	Trash racks are in place but are unfastened or have bent bars that allow debris to enter into the pipe or pump station. Repair or replacement is required.
	U	Trash rack is missing, damaged, not operational, or deficiencies will inhibit operations during the next flood event.
	N	This item does not apply to the pumping plant, conditions prevent inspection (e.g. low water, inaccessible location, time constraints), or inspection would cause physical danger or unreasonable cost.

The following is Appendix C of the 2009 Inspection Report of the Central Valley State-Federal Flood Protection System, DWR 2010. The entire document can be found at <http://cdec.water.ca.gov/fsir.html>.

Trash Rakes	A	Drive chain, bearings, gear reducers, and other components are in good operating condition and are being properly maintained.
	M	The trash rake is in need of maintenance but is still operational.
	U	Trash rake is not operational, or deficiencies will inhibit operations during the next flood event.
	N	This item does not apply to the pumping plant, conditions prevent inspection (e.g. low water, inaccessible location, time constraints), or inspection would cause physical danger or unreasonable cost.
Sluice / Slide Gates	A	Gates open and close freely with minor leakage. Sill is free of sediment and other obstructions. Gates and lifters have been maintained.
	M	Gates have been damaged, have deteriorated, or open or close with resistance or binding. Leakage quantity is controllable and is not a threat to project performance. Maintenance is required.
	U	Gates do not open or close. Gate, stem, lifter, and/or guides are damaged or corroded.
	N	This item does not apply to the pumping plant, conditions prevent inspection (e.g. low water, inaccessible location, time constraints), or inspection would cause physical danger or unreasonable cost.
Electric Gate Operators	A	All electric gate operators are in good working condition, are adequately powered, and are capable of opening and closing the gate properly. Preventative maintenance is being performed and the system is tested periodically.
	M	All electric gate operators are operational with minor deficiencies but should perform through the next period of usage.
	U	The electric gate operators are not operational, or the power source is not considered reliable to sustain operations during flood conditions.
	N	This item does not apply to the pumping plant, conditions prevent inspection (e.g. low water, inaccessible location, time constraints), or inspection would cause physical danger or unreasonable cost.
Manual Gate Operators	A	All manual gate operators are in good working condition, are capable of opening and closing the gate properly. Preventative maintenance is being performed and the system is tested periodically.
	M	Manual gate operators are operational with minor deficiencies but should perform through the next period of usage.
	U	Manual gate operators are not operational.
	N	This item does not apply to the pumping plant, conditions prevent inspection (e.g. low water, inaccessible location, time constraints), or inspection would cause physical danger or unreasonable cost.

The following is Appendix C of the 2009 Inspection Report of the Central Valley State-Federal Flood Protection System, DWR 2010. The entire document can be found at <http://cdec.water.ca.gov/fsir.html>.

Other Metallic Items	A	All metal parts are protected from corrosion damage and show no rust or deterioration that would cause a safety concern.
	M	Corrosion seen on metallic parts (except equipment anchors) appears maintainable.
	U	Metallic parts are severely corroded and require replacement to prevent failure, equipment damage, or safety issues.
	N	This item does not apply to the pumping plant, conditions prevent inspection (e.g. low water, inaccessible location, time constraints), or inspection would cause physical danger or unreasonable cost.
Flap Gates	A	Flap gates open and close easily with minimal leakage. Gates show no corrosion damage and have been maintained.
	M	Gates will not fully open or close because of obstructions that can be easily removed or have corrosion damage that requires maintenance.
	U	Gate is missing, has been damaged, or has deteriorated and needs repair.
	N	This item does not apply to the pumping plant, conditions prevent inspection (e.g. low water, inaccessible location, time constraints), or inspection would cause physical danger or unreasonable cost.
Closure Structures	A	Closure structure in good repair. Placing equipment, stoplogs, and other materials are readily available at all times. Components of closure clearly marked and installation instructions / procedures readily available.
	U	Closure structure in poor condition. Parts missing or corroded. Placing equipment may not be available within normal warning time.
	N	This item does not apply to the pumping plant, conditions prevent inspection (e.g. low water, inaccessible location, time constraints), or inspection would cause physical danger or unreasonable cost.
Security Fencing	A	Safety / security fencing is good condition and provides protection against falling or unauthorized access. Gates open and close freely, locks are in place, and there is little corrosion on metal parts.
	M	Safety / security fencing or gates are damaged or corroded but appear to be maintainable. Locks may be missing or damaged.
	U	Safety / security fencing and gates are damaged or corroded to the point that replacement is required, or potentially dangerous project features are not secured.
	N	This item does not apply to the pumping plant, conditions prevent inspection (e.g. low water, inaccessible location, time constraints), or inspection would cause physical danger or unreasonable cost.

The following is Appendix C of the 2009 Inspection Report of the Central Valley State-Federal Flood Protection System, DWR 2010. The entire document can be found at <http://cdec.water.ca.gov/fsir.html>.

Intake and Discharge Pipes	A	There are no breaks, holes, corrosion, or cracks in the pipe that would result in significant water leakage. The pipe shape is essentially circular. All joints appear to be closed and the soil tight.
	M	A pipe is slightly leaking but DOES NOT threaten stability of anything nor cause any damage. A pipe is ovalized in some locations but does not appear to be approaching a curvature reversal. Pipe needs repair prior to next inspection.
	U	Pipe has deterioration and/or significant leakage, is in danger of collapsing, or has already collapsed. Immediate repair or replacement required.
	N	This item does not apply to the pumping plant, conditions prevent inspection (e.g. low water, inaccessible location, time constraints), or inspection would cause physical danger or unreasonable cost.
Pressurized Pipe	A	There is NO evidence of erosion or leakage around or near the pipe. No corrosion on pipe.
	M	There is NO evidence of erosion or leakage around or near the pipe. Very little corrosion on pipe.
	U	ANY evidence of erosion around or near or leaking from the pipe. Corrosion that threatens pipe. Immediate repair required.
	N	This item does not apply to the pumping plant, conditions prevent inspection (e.g. low water, inaccessible location, time constraints), or inspection would cause physical danger or unreasonable cost.

**CENTRAL VALLEY FLOOD PROTECTION BOARD**

3310 El Camino Ave., Rm. 151  
SACRAMENTO, CA 95821  
(916) 574-0609 FAX: (916) 574-0682  
PERMITS: (916) 574-0685 FAX: (916) 574-0682



October 28, 2010

Lieutenant General Robert L. Van Antwerp  
Commander and Chief of Engineers  
U.S. Army Corps of Engineers  
441 G Street, N.W.  
Washington, DC 20314-1000

Subject: Request Exemption from Engineering Technical Letter (ETL) 1110-2-571 and a Regional Vegetation Variance Policy

Dear General Van Antwerp:

The Central Valley Flood Protection Board (Board) is formally requesting a temporary exemption from ETL 1110-2-571 for the federal flood control system in the Central Valley of California until 2012, when our new comprehensive plan of flood control is completed. In addition, the Board requests that the U.S. Army Corps of Engineers (Corps) work with the State of California to develop a Regional Vegetation Variance Policy for ETL 1110-2-571 and that you formally delegate the responsibility to develop the Regional Vegetation Variance Policy to the Division or District commanders. Our requests are consistent with the agreements and commitments made by the California Roundtable participants and embodied in *California's Central Valley Flood System Improvement Framework* (Framework) adopted in March of 2009.

Currently, the State of California cannot comply with the ETL 1110-2-571 because the implementation of the ETL in the Central Valley conflicts with California regulations, the federal Clean Water Act, Section 404, the federal Endangered Species Act, National Environmental Policy Act (NEPA), and other federal laws. The draft *Policy Guidance Letter (PGL) – Variance from Vegetation Standards for Levees and Flood Walls* released for public comment in March, 2010 does not provide the flexibility needed in California to manage vegetation for public safety and protect natural resources, as stated in our comment letter dated April 21, 2010.

We appreciate your continued support of, and collaboration with, the California Roundtable which developed and adopted the Framework. Our understanding is that the Framework serves as the regional vegetation policy guidance document for California's Central Valley until the Central Valley Flood Protection Plan (CVFPP) is ready in 2012. The Framework acknowledges that the "legacy levees" built immediately adjacent to California's major river systems present a unique challenge that will likely require a regional variance. Much of the large vegetation on the Central Valley levees was there before the federal government improved the levees and incorporated them into the State-federal flood control system. The Framework document states that participating agencies will continue to collaborate as partners in the implementation of the Framework agreements and the subsequent CVFPP to improve public safety and environmental sustainability.

General Robert Van Antwerp  
October 28, 2010  
Page 2

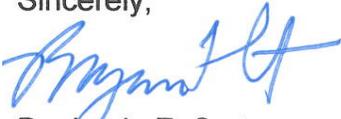
In an April 2, 2010 letter to the Board, Mr. Steven Stockton stated that the Corps remains committed to the implementation of the Framework and that it is the guiding document as California continues to develop a long term plan for system improvements, including vegetation management. We understood from Mr. Stockton's letter that the draft PGL was not intended to supersede the Framework, however, we are concerned that without a regional vegetation variance policy for California, there will continue to be different interpretations on how to implement or approve a vegetation variance.

The Board would like to work with the Corps' South Pacific Division and Sacramento District commanders to develop a regional team of Corps leadership and other State and federal stakeholders to develop a formal, written, Regional Vegetation Variance Policy, based on documented science, that allows flexibility for managing existing vegetation for public safety and natural resource conservation. The Board agrees that vegetation must be managed to provide the greatest safety factors and flood protection benefits, however, we are required by State and federal laws to maintain the vegetation on the water side of levees that is currently providing habitat for many species of fish and wildlife.

Thank you very much for your consideration of our request for a temporary exemption from ETL 1110-2-571 and for a Regional Vegetation Variance Policy for California. We look forward to continuing our close collaboration with the Corps regarding the vegetation policies and flood protection in California. I hope to see you again during your next visit to the West Coast.

If you have any questions, please do not hesitate to contact me at (530) 682-9700, or [bencarter@succeed.net](mailto:bencarter@succeed.net) or Jay S. Punia, the Board's Executive Officer, at (916) 574-0609, or [jpunia@water.ca.gov](mailto:jpunia@water.ca.gov).

Sincerely,



Benjamin F. Carter  
President

cc: (See attached list)

cc: Ms. Jo-Ellen Darcy  
Assistant Secretary of the Army  
108 Army Pentagon  
Room 3E446  
Washington, DC 20310-0108

Mr. Steven L. Stockton  
Director of Civil Works  
U.S. Army Corps of Engineers  
441 G Street, N.W.  
Washington, DC 20314-1000

Mr. James C. Dalton  
Chief, Engineering and Construction  
U.S. Army Corps of Engineers  
441 G Street, NW  
Washington, DC 20314-1000

General Scott F. Donahue, Commander  
South Pacific Division  
U.S. Army Corps of Engineers  
1455 Market Street  
San Francisco, California 94103-1398

Colonel William Leady, District Engineer  
Sacramento District  
U.S. Army Corps of Engineers  
1325 J Street  
Sacramento, California 95814

Lester A. Snow, Secretary  
California Natural Resources Agency  
1416 Ninth Street, Suite 1311  
Sacramento, California 95814

Mr. Mark Cowin, Director  
Department of Water Resources  
1416 Ninth Street, 11<sup>th</sup> Floor  
Sacramento, California 95814

Mr. Gary Bardini, Chief  
Division of Flood Management  
Department of Water Resources  
3310 El Camino Ave., Room 120  
Sacramento, California 95821

John McCamman, Director  
California Department of  
Fish and Game  
1416 Ninth Street, 12th Floor  
Sacramento, California 95814

Mr. Ren Lohofener, Regional Director  
United States Fish and Wildlife Service  
2800 Cottage Way, W2606  
Sacramento, California 95815

Mr. Rod McInnis, Regional Administrator  
National Marine Fisheries Service  
501 West Ocean Blvd, Suite 4200  
Long Beach, California 90802-4213

CVFPB Members

California Roundtable Members



## 2010 Local Agency Reporting Requirements Workshop

California Water Code §9141 (Assembly Bill 156)

Department of Water Resources

The Department of Water Resources Flood Project Integrity and Inspection Branch will be hosting a series of workshops in June, 2010 to brief Local Agencies on the program and additional new features of the updated electronic web application developed in partnership with the California Data Exchange Center (CDEC). The workshop includes hands on demonstration of existing and new functionalities of the web application. This application has been designed to provide Local Agencies with access to flood control system information and to facilitate reporting under the new Water Code (CWC §9141) requirements resulting from Assembly Bill 156.

### Intended Workshop Audience:

Local Agencies and their Representatives

### Proposed Agenda:

Introductions

Review of 2009 Annual Report

Overview of 2010 Web Application Improvements

- New look and feel of interface
- New support contact information
- Levee unit cover sheet generation
- Ability to respond to inspection deficiency items

Hands-on Demonstration of Updated Web Application

Next Steps

Comments

### Workshop Sessions:

**Session 1:** June 15th, 10:00 – 12:00

**Session 2:** June 15th, 2:00 – 4:00

**Session 3:** June 16th, 10:00 – 12:00

**Session 4:** June 16th, 2:00 – 4:00

**Session 5:** June 17th, 10:00 – 12:00

**Session 6:** June 17th, 2:00 – 4:00

**Location:** Department of Water Resources  
Joint Operations Center

2nd Floor, Flood Operations Center  
3310 El Camino Avenue  
Sacramento, CA 95821

Please RSVP by calling or e-mailing;

**Tasmin Eusuff** at (916) 574-2362 ([teusuff@water.ca.gov](mailto:teusuff@water.ca.gov)), or  
**Michal Koller** at (916) 574-2354 ([mkoller@water.ca.gov](mailto:mkoller@water.ca.gov)).

Your response by May 30, 2010 will be much appreciated.



## Please View the Updated Web Application

We invite you to view the updated electronic reporting web application at any time using the link below.

<http://cdec.water.ca.gov/lma.html>

Individual usernames and password specific to your Local Agency or Agency representatives can be requested through the CDEC e-mail address provided through the link.

Existing users do not need to send request again

We like to hear from you. Please send any comments or suggestions to:

**Tasmin Eusuff** at ([teusuff@water.ca.gov](mailto:teusuff@water.ca.gov)) or send them using the CDEC e-mail address provided with the web application.

The updated web application for 2010 reporting will go live on July 9, 2010.



# 2010 Local Agency Reporting Requirements Workshop

California Water Code §9141 (Assembly Bill 156)

Page 1 of 3

June

Department of Water Resources

## Why Am I Receiving This Fact Sheet?

This fact sheet has been prepared by the California Department of Water Resources (*DWR*) to help clarify additions to the California Water Code resulting from the adoption of Assembly Bill 156 (*Laird*) Flood Control, (*hereafter AB 156*), which was enacted during the 2007-08 Legislative Session. Additions to the Water Code include requirements for local levee maintaining agencies (*Local Agencies*) to submit to *DWR*, by September 30 each year, specific information relative to the Project Levees they operate and maintain. In turn, *DWR* will be required to summarize this information in an annual report to the Central Valley Flood Protection Board (*CVFPB*) by December 31 each year. These additions to the Water Code were effective on July 1, 2008.

## Who Is Required to Report Information?

**Local Agencies** who maintain either (1) **Project Levees** or (2) **Non-Project Levees** that also benefit land within the boundaries of an area benefited by a Project Levee, are required to submit five categories of information annually. (*Please see below for a description of the five categories.*)

**NOTE:** A **Local Agency** responsible for operation and maintenance of a levee not otherwise subject to these requirements may voluntarily prepare and submit to *DWR* or the *CVFPB* a flood management report for website posting.

## What Information Is Required in the Local Agency Report?

Reports submitted to *DWR* by a **Local Agency** pursuant to AB 156 must include all of the following:

1. Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (*or jurisdictional Non-Project Levee*);
2. Information identifying known conditions that might impair or compromise the level of flood protection provided by the **Project Levee** (*or jurisdictional Non-Project Levee*);
3. A summary of maintenance performed by the **Local Agency** during the previous fiscal year;
4. A statement of work and estimated cost for operation and maintenance of the Project Levee (*or jurisdictional Non-Project Levee*) for the current fiscal year, as approved by the Local Agency; and
5. Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (*or jurisdictional Non-Project Levee*), as determined by the *CVFPB* or *DWR*.

## How Can Local Agencies Submit This Information?

Based upon feedback received from Local Agencies, the Department developed a web application to facilitate reporting of Local Agency information. This web application allows Local Agencies to establish individual user accounts with access to certain DFM flood system information and the ability to submit required information electronically. The web application is active and can be accessed at <http://cdec.water.ca.gov/lma.html>.

Reporting notification letters and reporting packages were mailed to all Local Agencies in August 2008. The letter provided additional background information on the electronic reporting web application and paper copy reporting procedures. The reporting package included a return envelope, and a divided folder with reporting instructions and template forms.

## How Will Local Agency Reports Be Used?

DWR will be required to prepare and transmit to the CVFPB an annual report on **Project Levees** (and *jurisdictional Non-Project Levees*) operated and maintained by **Local Agencies**. The annual report will summarize submitted information, as well as relevant portions of any of the following documents as determined by DWR:

1. Annual inspection reports on **Local Agency** maintenance prepared by DWR or the CVFPB;
2. The State Plan of Flood Control;
3. The flood control system status report described in California Water Code, Section 9120;
4. The schedule for mapping described in California Water Code, Section 8612;
5. Any correspondence, document, or information deemed relevant by DWR.

DWR will be required to make available for website viewing each **Local Agency's** flood management report, and will also be required to provide a copy of each report to the following entities:

1. The Local Agency;
2. Any city or county within the Local Agency's jurisdiction;
3. Any public library located within the Local Agency's jurisdiction.

## What Are the New Mandated Reporting Timelines?

Water Code changes become effective:	July 1, 2008
<b>Local Agency</b> reports to <b>DWR</b> :	Due September 30 each year
<b>DWR</b> consolidates report to <b>CVFPB</b> :	Due December 31 each year

## Background on Assembly Bill 156

AB 156 was introduced during the 2007-08 Legislative Session and was approved by the Governor and chaptered by the Secretary of State on October 10, 2007 (*Chapter 368, Statutes of 2007*). Additions to the California Water Code as a result of AB 156 include: requirements that on or before September 30 of each year, a **Local Agency** responsible for the operation and maintenance of a **Project Levee** (or *jurisdictional Non-Project Levee*) will prepare and submit to DWR a report of specified information for inclusion in periodic flood management reports prepared by DWR. By establishing these requirements for **Local Agencies**, AB 156 imposes a State-mandated local program. Additions to the Water Code were effective July 1, 2008.

## Where Will the Local Agency Reporting Requirements Be Added to the Water Code?

AB 156 will add Chapter 9, commencing with Section 9110, to Part 4 of Division 5 of the California Water Code. Water Code additions specific to the Local Agency Reporting Program are outlined below:

Water Code Section	Topic
Chapter 9, Article 1, Section 9110:	Selected Definitions
Chapter 9, Article 4, Section 9140:	Local Reports

## Will Other Statutory Changes Result from AB 156?

Yes. AB 156 will result in additions to the Government Code, the Public Resources Code, and numerous other additions and amendments to the Water Code.

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## Glossary – Selected Definitions

“**Local Agency**” means a local agency responsible for the maintenance of a project levee.

“**Maintenance**” has the same meaning as that set forth in subdivision (f) of Section 12878. (*“Maintenance” means work described as maintenance by the federal regulations issued by the Secretary of the Army, the Secretary of Agriculture, the DWR, or the CVFPB for any project.*)

“**Project levee**” means any levee that is part of the facilities of the State Plan of Flood Control.

“**State Plan of Flood Control**” means the State and federal flood control works, lands, programs, plans, policies, conditions, and mode of maintenance and operations of the Sacramento River Flood Control Project described in Section 8350, and of flood control projects in the Sacramento River and San Joaquin River watersheds authorized pursuant to Article 2 (*commencing with Section 12648*) of Chapter 2 of Part 6 of Division 6 for which the CVFPB or DWR has provided the assurances of nonfederal cooperation to the United States, and those facilities identified in Section 8361.

“**Fiscal year**” has the same meaning as that set forth in Section 13290 of the Government Code. (*The fiscal year shall commence on the first day of July.*)

## For More Information

If you would like more information, or have questions on the new Local Agency reporting requirements or web application, please contact:

**Tasmin Eusuff** at (916) 574-2362 ([teusuff@water.ca.gov](mailto:teusuff@water.ca.gov)), or  
**Michal Koller** at (916) 574-2354 ([mkoller@water.ca.gov](mailto:mkoller@water.ca.gov))

## Local Agency Paper Copy Reporting Guidance

The enclosed forms are provided for your use in reporting Local Agency information required by California Water Code (CWC) §9141.

As a reminder, information may also be submitted using the electronic reporting web application developed in partnership with the California Data Exchange Center (CDEC). This electronic reporting application can be found at:

<http://cdec.water.ca.gov/lma.html>

For paper copy reporting you may also wish to include, or simply submit reports your Local Agency generates, other attachments, photographs, spreadsheets, etc. An overview of the information required by CWC §9141 is shown below:

CWC §9141 'Parts'	Information Requested
Part 1 Reporting	Issues Relevant to Levee Condition or Performance
Part 2 Reporting	Conditions that might Impair or Compromise Level of Flood Protection
Part 3 Reporting	Summary of Levee Maintenance Performed during the Previous Fiscal Year (July 1, 2009 – June 30, 2010)
Part 4 Reporting	Statement of Levee Work and Estimated Cost for Operation & Maintenance for Current Fiscal Year (July 1, 2010 – June 30, 2011)
Part 5 Reporting	Other Readily Available Information Relevant to Levee Condition or Performance

When completed, please return the information using the enclosed pre-addressed envelope. Local Agency reports are due to the Department by **September 30, 2010**.

Further guidance on the type of information requested is described below:

<b>Part 1 Reporting: Issues Relevant to Levee Condition or Performance</b>	
<b><i>Type of Information Requested</i></b>	<b>Condition/Performance Feature or Category</b>
<p>In Part 1, the Department would like to receive information on areas of concern known by the Local Agencies relative to levee operation or maintenance conditions. The <b>Condition/Performance Feature or Category</b> items shown to the right are intended as a guide to the type of information categories the Department would like to see reported for Part 1. The list of items was developed using operation, maintenance, and inspection items which are related to the condition or performance of levees. The items were derived from the Standard Operation and Maintenance (O&amp;M) Manuals published for the Sacramento and San Joaquin River Flood Control Projects, inspection checklists provided in the Supplemental Unit O&amp;M Manuals, and the Superintendent's Guide to Operation and Maintenance of California's Flood Control Projects. These are suggested reporting items and/or categories which are intended to facilitate consistent reporting. The list is not all inclusive, and 'Other' may be used for items that are not identified. Issues identified by the Department in your inspection report do not need to be reported.</p>	Settlement, Sloughing, or Loss of Grade
	Caving (Either side of the Levee – W.S. or L.S.)
	Seepage, Saturated Areas, Sand Boils
	Levee/Berm Erosion
	Waterway/Channel Migration
	Sediment Accumulation
	Revetment/Rip-Rap
	Barren Area/no cover or sod
	Access Gates
	Access Roads and Road Ramps
	Cattle Guards and Gates
	Levee Crown Shape
	Unauthorized Grazing or Vehicle Traffic
	Unauthorized Encroachment
	Compaction/Loose Fill
	Borrow/Excavation Sites
	Accumulations of drift, trash or debris
	Vegetation
	Pipes/Crossings
	Pipe Flap Gates, Gate Valves
Toe/Drainage Systems	
Pump Stations	
Relief Wells/Peizometers	
Bridges and Crossings	
Slurry Walls	
Flood Walls	
Closure Structures	
Miscellaneous Facilities	
Other	

**Part 2 Reporting:** Levee Conditions that might Impair or Compromise Level of Flood Protection

<b><i>Type of Information Requested</i></b>	<b>Condition Feature or Category</b>
<p>In Part 2, the Department would like to receive information on areas of concern known by the Local Agencies relative to levee integrity/stability conditions. The Levee <b>Condition Feature or Category</b> items shown to the right are intended as a guide to the type of information categories the Department would like to see reported for Part 2. The selectable items list was developed considering items and conditions related to the structural integrity of, or structural changes to, the levee system. There may be many overlapping items that could be entered into either Part 2 or Part 1. The list includes typical geotechnical levee distress issues, and conditions described in the “Suggested Methods of Combating Flood Conditions” sections of the Standard Operation and Maintenance (O&amp;M) Manuals published for the Sacramento and San Joaquin River Flood Control Projects and the associated Supplemental Unit O&amp;M Manuals. These are suggested reporting items and/or categories which are intended to facilitate consistent reporting. The list is not all inclusive, and ‘Other’ may be used for items that are not identified. Issues identified by the Department in your inspection report do not need to be reported.</p>	Erosion
	Seepage
	Burrow Holes
	Cracks
	Sand Boils
	Subsidence
	Freeboard/Deficient Levee Crown Height
	Toe Drainage
	Visibility/Access
	Problems Identified on adjacent levees protecting same area
	Slurry Walls
	Flood Walls
	Closure Structures
Other	

**Part 3 Reporting:** Summary of Levee Maintenance Performed during the Previous Fiscal Year (July 1, 2009 – June 30, 2010)

<b><i>Type of Information Requested</i></b>	<b>Maintenance Category</b>
<p>Reporting that is due on September 30<sup>th</sup> each year for Part 3 encompasses maintenance activities performed during the <b>previous fiscal year</b> (July 1, 2009 – June 30, 2010). The list of <b>Maintenance Categories</b> shown to the right is intended as a guide. The list was developed considering typical levee maintenance activities reported in previous years as well as activities described in the Standard Operation and Maintenance (O&amp;M) Manuals published for the Sacramento and San Joaquin River Flood Control Projects, the associated Supplemental Unit O&amp;M Manuals, and the Superintendent’s Guide to Operation and Maintenance of California’s Flood Control Projects. These are suggested reporting items and/or categories which are intended to facilitate consistent reporting. The list is not all inclusive, and ‘Other’ may be used for items that are not identified.</p>	Encroachment Control
	Erosion Repair
	Gates
	Inspections
	Insurance/Dues
	Legal/Administrative/Management Services
	Minor Structure Repair/Maintenance
	Mobile Equipment Costs
	Office Overhead
	Other
	Patrolling
	Permitting
	Restoration
	Roadways
	Rodent Control/Bait & Traps
	Rodent Control/Grouting
	Rodent Control/Other
	Sediment Removal
	Seepage Control
	Slope Dragging
	Surveying/Engineering
	Telemetry Maintenance
	Vegetation Control/Burn
	Vegetation Control/Mow
	Vegetation Control/Channel
Vegetation Control/Spray	
Vegetation Control/Thin & Trim	
Vegetation Control/Tree Removal	
Vegetation Control/Other	

**Part 4 Reporting:** Statement of Levee Work and Estimated Cost for Operation & Maintenance for Current Fiscal Year (July 1, 2010 – June 30, 2011)

<i>Type of Information Requested</i>	<b>Maintenance Category</b>
<p>Reporting that is due on September 30<sup>th</sup> each year for Part 4 encompasses completed or planned levee operation and maintenance activities or repair or improvement projects and their estimated costs for the <b>current fiscal year</b> (July 1, 2010 – June 30, 2011). The list of <b>Maintenance Categories</b> shown to the right is intended as a guide. The list was developed considering typical levee maintenance activities reported in 2008, as well as activities described in the Standard Operation and Maintenance (O&amp;M) Manuals published for the Sacramento and San Joaquin River Flood Control Projects, the associated Supplemental Unit O&amp;M Manuals, and the Superintendent’s Guide to Operation and Maintenance of California’s Flood Control Projects. These are suggested reporting items and/or categories which are intended to facilitate consistent reporting. The list is not all inclusive, and ‘Other’ may be used for items that are not identified.</p>	Encroachment Control
	Erosion Repair
	Gates
	Inspections
	Insurance/Dues
	Legal/Administrative/Management Services
	Minor Structure Repair/Maintenance
	Mobile Equipment Costs
	Office Overhead
	Other
	Patrolling
	Permitting
	Restoration
	Roadways
	Rodent Control/Bait & Traps
	Rodent Control/Grouting
	Rodent Control/Other
	Sediment Removal
	Seepage Control
	Slope Dragging
	Surveying/Engineering
Telemetry Maintenance	
Vegetation Control/Burn	
Vegetation Control/Mow	
Vegetation Control/Channel	
Vegetation Control/Spray	
Vegetation Control/Thin & Trim	
Vegetation Control/Tree Removal	
Vegetation Control/Other	

**Part 5 Reporting:** Readily Available Information Relevant to Levee Condition or Performance

<b><i>Type of Information Requested</i></b>	<b>Other Relevant Information</b>												
<p>In Part 5, the Department would like to receive other information known by the Local Agencies relevant to levee condition or performance. The <b>Other Relevant</b> items shown to the right are intended as a guide to the type of information categories the Department would like to see reported for Part 5. The list was developed considering more general information items related to the levee system including reports, studies, investigations, site conditions, construction drawings, or upcoming activities which may modify, change, or impact the levee system. These are suggested reporting items and/or categories which are intended to facilitate consistent reporting. The selectable menu list is not all inclusive, and the 'Other' menu item may be selected for items that are not listed.</p>	<table border="1"> <tr><td>Historical Construction Issues</td></tr> <tr><td>Dump/Hazardous Waste Sites</td></tr> <tr><td>Construction Drawings/As-Builts</td></tr> <tr><td>Plate Maps</td></tr> <tr><td>Reports/Studies</td></tr> <tr><td>Geotechnical Investigations</td></tr> <tr><td>Well Logs</td></tr> <tr><td>Encroachments</td></tr> <tr><td>Rights of Way/Easements</td></tr> <tr><td>Permits/MOU's</td></tr> <tr><td>Safety Plan</td></tr> <tr><td>Other</td></tr> </table>	Historical Construction Issues	Dump/Hazardous Waste Sites	Construction Drawings/As-Builts	Plate Maps	Reports/Studies	Geotechnical Investigations	Well Logs	Encroachments	Rights of Way/Easements	Permits/MOU's	Safety Plan	Other
Historical Construction Issues													
Dump/Hazardous Waste Sites													
Construction Drawings/As-Builts													
Plate Maps													
Reports/Studies													
Geotechnical Investigations													
Well Logs													
Encroachments													
Rights of Way/Easements													
Permits/MOU's													
Safety Plan													
Other													

## PART 1 Reporting Form

Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)					
Levee Unit	Location Lat/Long (Decimal) Levee Mile (LM) River Mile (RM) Stationing Other	Condition/Performance Feature or Category (See Part 1 Reporting Guidance)	Observation/Description	Date Date Identified (DI) Date Occurred (DO) Date Reported (DR)	

## PART 2 Reporting Form

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

Levee Unit	Location Lat/Long (Decimal) Levee Mile (LM) River Mile (RM) Stationing Other	Condition Feature or Category (See Part 2 Reporting Guidance)	Observation/Description	Date Date Identified (DI) Date Occurred (DO) Date Reported (DR)

## PART 3 Reporting Form

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year (July 1, 2009 – June 30, 2010)**

Levee Unit	Location Lat/Long (Decimal) Levee Mile (LM) River Mile (RM) Stationing Other	Maintenance Category (See Part 3 Reporting Guidance)	Description of Activity	Date

## PART 4 Reporting Form

**Part 4: A statement of levee work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency (July 1, 2010 – June 30, 2011)**

Levee Unit	Location Lat/Long (Decimal) Levee Mile (LM) River Mile (RM) Stationing Other	Maintenance Category (See Part 4 Reporting Guidance)	Description of Activity & Cost	Date

## PART 5 Reporting Form

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFPB or DWR**

Levee Unit	Location Lat/Long (Decimal) Levee Mile (LM) River Mile (RM) Stationing Other	Other Relevant Information Category (See Part 5 Reporting Guidance)	Observation/Description	Date Date Identified (DI) Date Occurred (DO) Date Reported (DR)

## Screenshot of Local Agency Annual Report Web Application

LMAs can use the web application to enter of the information required by CWC Section 9140. If the LMA provides hard-copy reports, DWR will then enter the information into the web application to populate the database.

Local Maintenance Agency Report - (AB156)

File Edit Report Delta Administration Window Help

New Report

### Local Agency Report Form

(For both Project and Non-Project Levees)

Project Levees (Default)  Non-Project Levees  Other Levees

American River Flood Control Distri Maintained Area: **American River Flood Control District**

Unit No. 01 Arcade Creek - LB Levee Unit: **Unit No. 01 Arcade Creek - LB (U01)** District Code: **HA0001**

#### American River Flood Control District

2011 Report Part 1:  
Information known to the local agency that is relevant to the condition or performance of the project levee.

Part 1 1) Select the Condition or Performance Feature of the Project Levee.

Part 2

Part 3

Part 4

Part 5

Select a Category/Item

Feature/Condition Description  
No feature/condition description.

Date / Time  
Select of Time 9/30/2010 10:33

Location Description  
No location description.

GPS Coordinates / Levee Mile

	START	END
Latitude: ° N		
Longitude: ° W		
Levee Mile:		

Additional Comments  
No comments.

Action

View Submitted Report  Clear Form

**DEPARTMENT OF WATER RESOURCES**

FLOOD PROJECT INTEGRITY AND INSPECTION BRANCH  
P.O. BOX 219000  
SACRAMENTO, CA 95821-9000



July 1, 2010

To: Local Levee Maintaining Agencies

RE: Local Agency Reporting Requirements

The purpose of this letter is to remind you of the California Water Code (CWC) §9141 (Assembly Bill (AB) 156) annual reporting deadline and the tools available for submitting the required information. In addition, this letter also includes a request from the Department of Water Resources (DWR) Flood Operations Center (FOC) to update any changes in your contact information by July 30, 2010.

CWC §9141 includes requirements for Local Levee Maintaining Agencies (Local Agencies) to provide an annual report to DWR on five categories of information including:

1. Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee).
2. Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee).
3. A summary of maintenance performed by the Local Agency during the previous fiscal year.
4. A statement of work and estimated cost for operation and maintenance of the Project Levee, (or jurisdictional Non-Project Levee), for the current fiscal year, as approved by the Local Agency.
5. Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee, (or jurisdictional Non-Project Levee), as determined by the Central Valley Flood Protection Board (CVFPB) or DWR.

The CWC deadline for Local Agencies to submit this information for 2010 is **September 30, 2010**.

In turn, DWR is required to consolidate this information and provide a summary report to CVFPB by **December 31, 2010**.

DWR has developed both electronic and hard copy reporting options to assist Local Agencies in meeting the annual reporting requirements. The electronic reporting 'web application' can be found by clicking on the *Local Agency Information & Reporting* link at the Local Agency Program Site located at:

**<http://cdec.water.ca.gov/lma.html>**

July 1, 2010  
Local Levee Maintaining Agencies  
Page 2

This site, developed in coordination with the California Data Exchange Center (CDEC), provides additional references and instructions on how to request a Local Agency account by establishing a user login and password.

For hard copy reporting, or for submitting documents or attachments, we have enclosed reporting instructions and template forms. Please also find an envelope enclosed with the address noted below for returning the information to DWR.

Department of Water Resources  
Division of Flood Management  
Joint Operations Center  
3310 El Camino Ave, LL-30  
Sacramento, CA 95821-9000  
Attn: Tasmin Eusuff

***Request to Update Contact Information from the Flood Operations Center***

*The FOC has begun the annual update cycle for the 2010 edition of the Directory of Flood Officials (Directory). To ensure accuracy and completeness of the Directory, the FOC is requesting that all Local Agencies review their contact information and make any necessary changes and/or additions via the web application by **July 30, 2010**. This web application is found at <http://cdec.water.ca.gov/lma.html>. The contact information provided using the AB 156 reporting method will be furnished to the FOC for their 2010 Directory. Changes to contact information received after this date will not be included in the 2010 Directory. If you have any questions regarding this FOC contact information reporting request, please contact Wendy Stewart at (916) 574-2619 or [wstewart@water.ca.gov](mailto:wstewart@water.ca.gov).*

Also enclosed is the 2010 Fact Sheet that includes information on the reporting requirements resulting from CWC §9141 (AB 156). This Fact Sheet was distributed during the workshops held in Sacramento on June 15, 16, and 17, 2010. Other workshop materials are available on the previously mentioned Local Agency Program Site.

If you have any other questions or comments regarding the CWC §9141 (AB 156) program, please contact me at [teusuff@water.ca.gov](mailto:teusuff@water.ca.gov) or (916) 574-2362, Michal Koller at [mkoller@water.ca.gov](mailto:mkoller@water.ca.gov) or (916) 574-2354, or Jaime Matteoli at [matteoli@water.ca.gov](mailto:matteoli@water.ca.gov) or (916) 574-2759.

Sincerely,



Tasmin Eusuff, Chief  
Local Maintaining Agency Assessment Section

Enclosures

**DEPARTMENT OF WATER RESOURCES**

FLOOD PROJECT INTEGRITY AND INSPECTION BRANCH  
P.O. BOX 219000  
SACRAMENTO, CA 95821-9000



July 28, 2010

To: Libraries Designated by California Water Code (CWC) §9141 (AB 156)

RE: Issuance of 2008 and 2009 CWC §9141 (AB 156) Local Agency Annual Reports

We are hereby providing the 2008 and 2009 CWC §9141 (AB 156) Local Agency Annual Reports to your library. The enclosed CDs hold the electronic versions of these reports; however hard copies are also available upon request. These reports contain information provided by Local Maintaining Agencies for Project Levees along the Sacramento and San Joaquin Rivers. The Department of Water Resources (DWR) is required to produce this annual report pursuant to California Water Code (CWC) §9141 (AB 156) and required to send the report to your library in accordance, which follows:

**“The department shall make the flood management report for each local agency available on the Internet Web site of the board and shall provide the report to all of the following entities:**

- (1) The local agency.**
- (2) Any city or county within the local agency's jurisdiction.**
- (3) Any public library located within the local agency's jurisdiction.”**

The following web site has links to the Local Agency Annual Reports along with other information relating to our program:

**<http://cdec.water.ca.gov/lma.html>**

Thank you for helping to make this report available to the public. If you have any other questions or need additional information please contact me at [teusuff@water.ca.gov](mailto:teusuff@water.ca.gov) or (916) 574-2362, Michal Koller at [mkoller@water.ca.gov](mailto:mkoller@water.ca.gov) or (916) 574-2354, or Jaime Matteoli at [matteoli@water.ca.gov](mailto:matteoli@water.ca.gov) or (916) 574-2759.

Sincerely,

A handwritten signature in cursive script that reads "T. Eusuff".

Tasmin Eusuff, Chief  
Local Maintaining Agency Assessment Section

Enclosure

**DEPARTMENT OF WATER RESOURCES**  
FLOOD PROJECT INTEGRITY AND INSPECTION BRANCH  
P.O. BOX 219000  
SACRAMENTO, CA 95821-9000



August 30, 2010

To: Local Maintaining Agencies (LMA)

RE: Request for Local Picture for California Water Code (CWC) §9141 Local Agency Annual Report (AB 156)

We are moving forward to the third year of AB 156 report and planning for the 2010 report is well underway. This year we like to present you with a newer look and style for the report. We need your assistance. We are soliciting input on how you think the report will best serve your needs as well as requesting to provide any pictures related to your LMA that you can share with the report.

Regarding pictures, it may perhaps be something in the line of the followings:

- (1) The picture of your district headquarter**
- (2) Anything concerning your area related to levees**
- (3) Work that has been done or will be done in near future that may have significance**
- (4) Anything unique for the district**

These are some ideas provided for you as guidance and you are not required to limit yourself to the above mentioned ideas.

Please send the picture and/or pictures in the highest resolution possible (email or mail) to the following person:

Shawn Perkins  
P.O. Box 219000  
LL-30  
Sacramento, CA 95821  
[shawn@water.ca.gov](mailto:shawn@water.ca.gov)

If you have any questions, please call or email Shawn at 916-574-1209 or [shawn@water.ca.gov](mailto:shawn@water.ca.gov) and/or Tasmin Eusuff at 916-574-2362 or [teusuff@water.ca.gov](mailto:teusuff@water.ca.gov).

Thanks for any help and/or ideas you might provide.

Sincerely,

A handwritten signature in black ink that reads "T Eusuff".

Tasmin Eusuff, Chief  
Local Maintaining Agency Assessment Section

**DEPARTMENT OF WATER RESOURCES**  
FLOOD PROJECT INTEGRITY AND INSPECTION BRANCH  
P.O. BOX 219000  
SACRAMENTO, CA 95821-9000



September 16, 2010

To: Local Levee Maintaining Agencies

RE: Reminder Notification

This is a reminder notification for the 2010 annual report information submission from your Local Agency as required by the California Water Code (CWC). In the past, we accommodated requests for late reporting. However, in this third year of Local Agency Annual Reporting Program, we will need your timely input, given the limited resources we currently have available. The deadline for Local Agencies to submit these reports to DWR is **September 30, 2010**.

CWC §9140 includes requirements for Local Levee Maintaining Agencies (Local Agencies) to provide an annual report to the Department of Water Resources (DWR) on five categories of information including:

1. Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee).
2. Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee).
3. A summary of maintenance performed by the Local Agency during the previous fiscal year.
4. A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency.
5. Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the Central Valley Flood Protection Board (CVFPB) or DWR.

DWR has developed both electronic and hard copy reporting options to assist Local Agencies in meeting the annual reporting requirements. The electronic reporting 'web application' can be found by clicking on the *Local Agency Information & Reporting* link at the Local Agency Program Site located at:

**<http://cdec.water.ca.gov/lma.html>**

This site, developed in coordination with the California Data Exchange Center (CDEC), provides additional references and instructions on how to request a Local Agency account by establishing a user login and password.

September 16, 2010  
Local Levee Maintaining Agencies  
Page 2

For paper copy reporting, reporting instructions and reporting forms have been developed. These documents were sent to you with our July 1<sup>st</sup> letter and are available if needed. Our mailing address for submitting paper copy reporting is:

Department of Water Resources  
Division of Flood Management  
Joint Operations Center  
3310 El Camino Ave, LL-30  
Sacramento, CA 95821-9000  
Attn: Tasmin Eusuff

If you have any questions or comments, or feel that you have received this letter in error, please contact me at [teusuff@water.ca.gov](mailto:teusuff@water.ca.gov) or (916) 574-2362, Michal Koller at [mkoller@water.ca.gov](mailto:mkoller@water.ca.gov) or (916) 574-2354, or Jaime Matteoli at [matteoli@water.ca.gov](mailto:matteoli@water.ca.gov) or (916) 574-2759.

Sincerely,



Tasmin Eusuff, Chief  
Local Maintaining Agency Assessment Section

Enclosure



# United States Department of the Interior



## FISH AND WILDLIFE SERVICE

San Luis National Wildlife Refuge Complex  
Post Office Box 2176  
Los Banos, California 93635

01 September 2010

Mr. Tasmin Eusuff, Chief  
Local Maintaining Agency Assessment Section  
California Department of Water Resources  
Flood Project Integrity and Inspection Branch  
P.O. Box 219000  
Sacramento, CA 95821-9000

**Re: Memo "Request for Local Picture for  
California Water Code (CWC) 9141 Local Agency Annual Report (AB 156)"**

Dear Mr. Eusuff:

We received three letters, addressed to Reclamation District Nos. 2099, 2100, and 2102. These three districts were purchased in their entirety by the U. S. Fish and Wildlife Service over ten years ago, and are now a part of the San Joaquin River National Wildlife Refuge. Those Reclamation Districts are now non-functional and no longer exist. The levees are no longer maintained because they only protected lands that are now within the Refuge. We are also working with the Army Corps of Engineers to remove any Corps levee from their Maintenance Manual. In fact, these levees have been breached by floodwaters, and we intend to construct additional breaches to restore the natural floodplain hydrology.

Please remove this Refuge from the mailing list that pertains to reclamation districts. If you have any questions, please don't hesitate to call (209/826-3508).

Sincerely,

Kim Forrest  
Wildlife Refuge Manager

**DEPARTMENT OF WATER RESOURCES**

FLOOD PROJECT INTEGRITY AND INSPECTION BRANCH  
P.O. BOX 219000  
SACRAMENTO, CA 95821-9000



October 27, 2010

To: Local Levee Maintaining Agencies

RE: No Record of Annual Reporting

Our records indicate that, to date, we have not received an annual report of information from your Local Agency as required by the California Water Code (CWC). The deadline for Local Agencies to submit these reports to DWR was **September 30, 2010**.

CWC §9140 includes requirements for Local Levee Maintaining Agencies (Local Agencies) to provide an annual report to the Department of Water Resources (DWR) on five categories of information including:

1. Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee).
2. Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee).
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5. Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the Central Valley Flood Protection Board (CVFPB) or DWR.

DWR has developed both electronic and hard copy reporting options to assist Local Agencies in meeting the annual reporting requirements. The electronic reporting 'web application' can be found by clicking on the *Local Agency Information & Reporting* link at the Local Agency Program Site located at:

**<http://cdec.water.ca.gov/lma.html>**

This site, developed in coordination with the California Data Exchange Center (CDEC), provides additional references and instructions on how to request a Local Agency account by establishing a user login and password.

October 27, 2010  
Local Levee Maintaining Agencies  
Page 2

For paper copy reporting, reporting instructions and reporting forms have been developed. These documents were sent to you with our July 1<sup>st</sup> letter and are available if needed. Our mailing address for submitting paper copy reporting is:

Department of Water Resources  
Division of Flood Management  
Joint Operations Center  
3310 El Camino Ave, room 256  
Sacramento, CA 95821-9000  
Attn: Tasmin Eusuff

Please submit reports by November 12. Reports received after this date will not be included in the 2010 report. If you have any questions or comments, or feel that you have received this letter in error, please contact me at [teusuff@water.ca.gov](mailto:teusuff@water.ca.gov) or (916) 574-2362, Michal Koller at [mkoller@water.ca.gov](mailto:mkoller@water.ca.gov) or (916) 574-2354, or Jaime Matteoli at [matteoli@water.ca.gov](mailto:matteoli@water.ca.gov) or (916) 574-2759.

Sincerely,



Tasmin Eusuff, Chief  
Local Maintaining Agency Assessment Section

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# **Reclamation District No. 2074**

## **(Sargent-Barnhart Tract)**

### **San Joaquin County**

Nelson Bahler ● President  
PO Box 7576 ●  
Stockton CA 95267 ● Phone: (209) 473-6024

## Summary of Information Reported in 2010

**Part 1: Information known to the Local Agency that is relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee)**

The Agency reported the satisfactory status of encroachments, revetment, rodent control and gates.

**Part 2: Information identifying known conditions that might impair or compromise the level of flood protection provided by the Project Levee (or jurisdictional Non-Project Levee)**

The Agency stated that there was nothing to report.

**Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**

The Agency provided a summary of maintenance activities accomplished. Activities include erosion repair, gate repair, inspections, patrolling, rodent control, vegetation removal and tree removal.

**Part 4: A statement of work and estimated cost for operation and maintenance of the Project Levee (or jurisdictional Non-Project Levee) for the current fiscal year, as approved by the Local Agency**

The Agency provided a summary of expenses and maintenance activities. Expenses include costs of encroachment control, inspections, gate repair, rodent control, vegetation removal and tree removal. The reported total estimated cost for the fiscal year is \$102,500.

**Part 5: Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFB or DWR**

The Agency identified the 5 Year Plan and the Emergency Procedures Manual.