

Local Agency Reporting Requirements Workshop

California Water Code §9141 (AB156)

Department of Water Resources

California Department of Water Resources



Flood Project Integrity and Inspection Branch

Hydrology and Flood Operations Office
Division of Flood Management



Department of Water Resources
California Data Exchange Center

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Introductions

Flood Project Integrity & Inspection Branch

Jeremy Arrich, PE Branch Chief
916.574.1730
arrich@water.ca.gov

Jon Ericson, PE Senior Engineer
916.574.2362
jericson@water.ca.gov

Michal Koller, PE, PhD W.R. Engineer
916.574.2354
mkoller@water.ca.gov

MD Haque, PhD W.R. Engineer
916.574.2759
mhaque@water.ca.gov

Shawn Perkins, W.R. Technician II
916.574.1209
shawn@water.ca.gov

California Data Exchange Center

Bing Zhang, Programmer Analyst
916.574.2783
zhang@water.ca.gov

Workshop Agenda

- 30 min** {
 - Introductions, Program & Workshop Goals**
 - Related Program Updates**
 - Review of Reporting Requirements/Due Dates**
 - Review of 2008 Annual Report, Discuss Uses of Submitted Information**
- 20 min** {
 - 'Extended' Break- Information Stations**
- 60 min** {
 - Overview of 2009 Web Application Improvements**
 - Demonstration/Hands on Use of Web Application**
- 10 min** {
 - Next Steps**
 - Comments**

Local Agency Program Goals

- ***Increased Data Exchange & Sharing of Flood System Information***
- ***Program Integration with CDEC, Inspections, Flood Operations Center***
- ***Identification of issues and promotion of flood control system improvements***
- ***Enhanced emergency response capabilities***

Workshop Goals

- ***Review and Provide Information on Related Programs & Integration Efforts***
- ***Demonstrate 2009 Web Application Developments***
- ***Solicit Feedback, Comments and Suggestions for Improvement***
- ***Comment Form***

Related Program Updates

Flood Operations Center

Pipeline Inventory Program

Local Agency & Department Reporting Requirements

- 2008 Additions to Water Code:
 - Chapter 9, commencing with Section 9110, to Part 4 of Division 5

Water Code Section	Topic
Chapter 9, Article 4, Section 9140	Local Agency Reports
Chapter 9, Article 4, Section 9141	Department Report to CVFPB

Who is Required to Submit Information?

Selected Water Code Definitions

(CA Water Code, Chapter 9, Article 1, 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

Who is Required to Submit Information?

Article 4. Local Reports

9140. (a) On or before September 30 of each year, a local agency responsible for the operation and maintenance of a project levee shall prepare and submit to the department, in a format specified by the department, a report of information for inclusion in periodic flood management reports prepared by the department relating to the project levee. The information submitted to the department shall include all of the following:

(1) Information known to the local agency 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 local agency 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 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, as determined by the board or the department.

(b) A local agency described in subdivision (a) that operates and maintains a nonproject levee that also benefits land within the boundaries of the area benefited by the project levee shall include information pursuant to subdivision (a) with regard to the nonproject levee.

(c) A local agency that incurs costs for the maintenance or improvement of a project or nonproject levee under the delta levee maintenance subventions program established pursuant to Part 9 (commencing with Section 12980) of Division 6 may submit information submitted to satisfy the requirements of that program to meet the requirements of paragraph (3)

**Non Project
Levees**



What Information is Required?

Local Agency Reports

(CA Water Code, Chapter 9, Article 4, Section 9140)

- (1) Information known to the local agency 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

What Information is Required?

Local Agency Reports

(CA Water Code, Chapter 9, Article 4, Section 9140)

- (3) A summary of the 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 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, as determined by the board or the department

Reporting Timelines

Water Code changes effective:

July 1, 2008

Local Agency reports to **DWR**:

**Due September 30 each
year**

DWR consolidated report to **CVFPB**:

**Due December 31 each
year**

Reporting Options

- ***Website Application*** Developed in Coordination with CDEC
 - User Login and Account
 - Drop Down Menu Selections
 - Electronic Submission

- ***Paper Copy***
 - Notification Letter and Hard Copy Forms to be Mailed Out

More Information

Program Fact Sheet

Assembly Bill 156 Local Agency Reporting Requirements Fact Sheet

May 2008

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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 will become 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.

INFORMATIONAL MEETINGS

Additional information on these new Local Agency reporting requirements will be presented as part of a series of broader DWR informational meetings to be held throughout the Central Valley beginning in mid-June 2008. These meetings have been scheduled for the following locations and date:

Sacramento – Monday, June 9
 Clovis – Thursday, June 19
 Chico – Wednesday, June 25
 Stockton – Thursday, June 26

PLEASE VISIT THE FLOODSAFE WEBSITE: www.water.ca.gov/floodsafe for up-to-date information on meeting dates and locations.

For More Information

If you would like more information, would like to participate in the program development pilot study, or have questions on the new Local Agency reporting requirements, please contact: Mr. Jon Ericson at jerison@water.ca.gov or (916) 574-2362.

Assembly Bill 156 Local Agency Reporting Requirements Fact Sheet

Page 2 of 3

How Can Local Agencies Submit This Information?

In an effort to help Local Agencies comply with these new requirements, DWR is developing a new website application tool for electronic submittal of required information. DWR is also developing a system to allow Local Agencies to supply this information by mail or facsimile. DWR is currently soliciting input from Local Agencies in development and implementation of this program. Local Agencies interested in participating in the program development pilot study are invited to contact DWR for additional information.

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 9912;
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
 local Agency reports to DWR: Due September 30 each year
 DWR consolidated report to CVFPB: Due December 31, 2008, updated annually

Background on Assembly Bill 156

AB 156 was introduced during the 2007-08 Legislative Session and was approved by the Governor and haptered 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 become effective July 1, 2008. The full text of AB 156 is available at the Official California Legislative Information website:

http://www.leginfo.ca.gov/cgi-bin/postquery?bill_number=ab_156&ses=CUR&house=B&author=laird

Assembly Bill 156 Local Agency Reporting Requirements Fact Sheet

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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.

Glossary – Selected Definitions

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

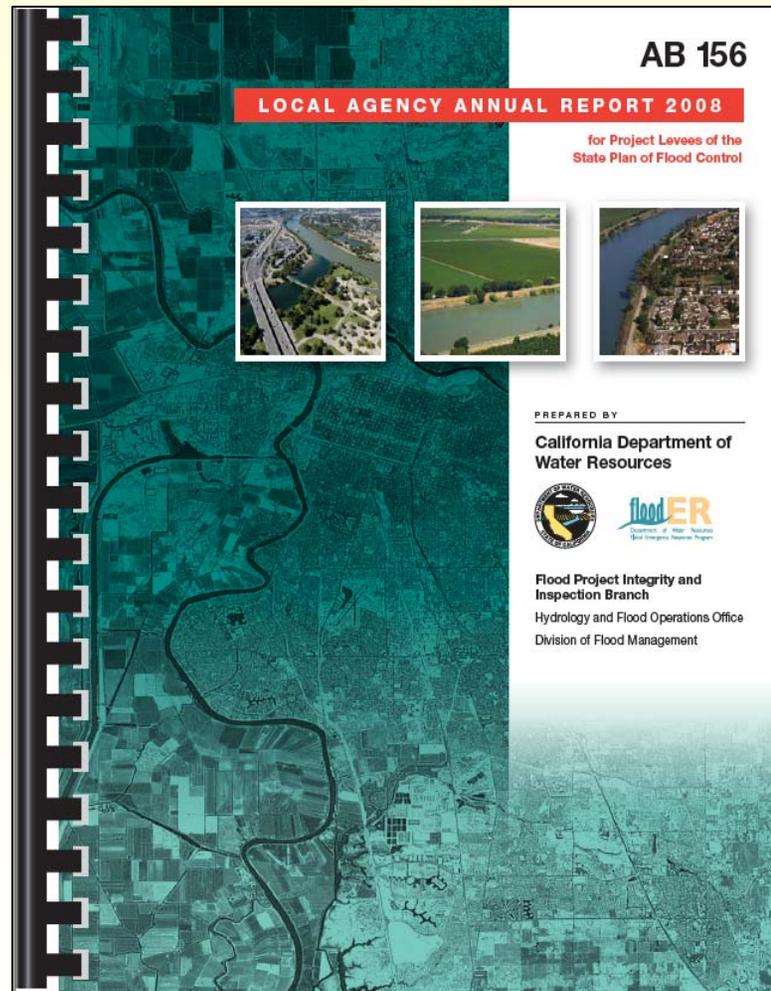
"Maintenance" has the same meaning as that set forth in subdivision (f) of Section 12678, ("Maintenance" means work described as maintenance by the federal regulations issued by the Secretary of the Army, the Secretary of Agriculture, the DWR, or the CVFPB for any project.)

"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 3 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.)

Local Agency Annual Report 2008



2008 Annual Report

AB 156

AB 156 Annual Reporting Requirements

Background

California Assembly Bill (AB) 156 (2007) Flood Control Act of 2007 was introduced in 2007. The bill was signed by Governor Arnold on October 10, 2007. The bill requires local agencies to submit an annual report to the Secretary of State regarding the maintenance of the Sacramento River levees and reclamation districts.

Local Agency

Local Agencies are required to submit a report of the maintenance of the Sacramento River levees and reclamation districts by September 30 of each year. The report must include all of the following information:

1. Information regarding the local agency's performance in maintaining the levees.
2. Information regarding the local agency's performance in maintaining the reclamation districts.
3. A summary of the local agency's activities during the reporting period.

Sacramento Agency S

A total of 60 Local Agencies are included in the Sacramento Agency Index to Sacramento River of each reporting area, and it includes:

- Sacramento River S
- Sacramento River S
- Individual Local Area

Sacramento System Local Agencies

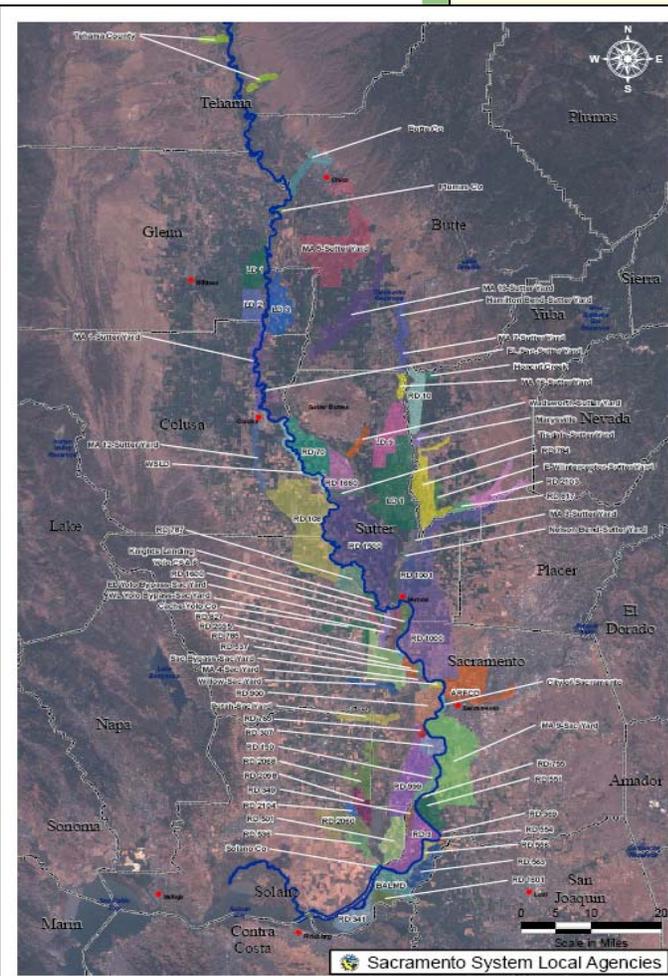
Local Agencies & Areas

LEVEE DISTRICTS

- Levee District No. 1 (Glenn)
- Levee District No. 1 (Sutter)
- Levee District No. 2
- Levee District No. 3
- Levee District No. 9

RECLAMATION DISTRICTS

- Reclamation District No. 3 (Grand Island)
- Reclamation District No. 10 (Hercules)
- Reclamation District No. 70 (Meridian)
- Reclamation District No. 108 (River Farms)
- Reclamation District No. 150 (Meritt Island)
- Reclamation District No. 307 (Liskon)
- Reclamation District No. 341 (Sherman)
- Reclamation District No. 349 (Sutter Island)
- Reclamation District No. 369 (Libby Moseil)
- Reclamation District No. 501 (Ryer Island)
- Reclamation District No. 536 (Egbert)
- Reclamation District No. 537 (Lowdell)
- Reclamation District No. 551 (Pierson)
- Reclamation District No. 554 (Walnut Grove)
- Reclamation District No. 556 (Upper Andrus)
- Reclamation District No. 563 (Tyler Island)
- Reclamation District No. 755 (Randall)
- Reclamation District No. 765 (Gilde)
- Reclamation District No. 784 (Plumas Lake)
- Reclamation District No. 785 (Driver)
- Reclamation District No. 787 (Fair)
- Reclamation District No. 817 (Carlin)
- Reclamation District No. 827 (Elkhorn)
- Reclamation District No. 900 (West Sacramento)
- Reclamation District No. 999 (Netherlands)
- Reclamation District No. 1000 (Natomas)
- Reclamation District No. 1001 (Nicolaus)
- Reclamation District No. 1500 (Sutter Basin)
- Reclamation District No. 1600 (Mull)
- Reclamation District No. 1601 (Twitshell)
- Reclamation District No. 1660 (Traskle)
- Reclamation District No. 2035 (Conaway)
- Reclamation District No. 2060 (Hastings)
- Reclamation District No. 2068 (Yolano)
- Reclamation District No. 2098 (Cooche & Haas)
- Reclamation District No. 2103 (Wheatlands Vicinity)
- Reclamation District No. 2104 (Peters Pocket)



Sacramento System Local Agencies

Individual Agency Reports

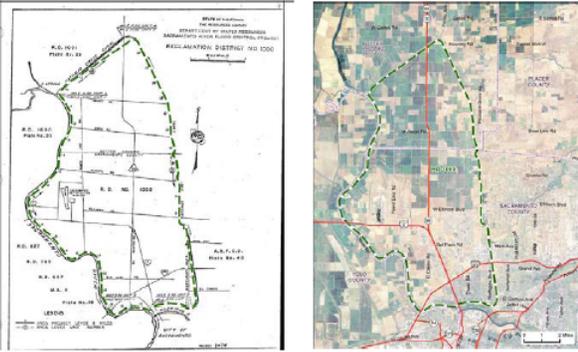
SACRAMENTO SYSTEM: RECLAMATION DISTRICT

Reclamation District

Sacram

Reclamation District No. 1000 (RD 1000)

Location:



Contact Information:

Paul Devereux
General Manager
District Office
1633 Garden Highway
Sacramento CA 95833
Business Phone: 916-922-1449

Counties:

Sacramento
Sutter

Levee Information:

Short Name	Local Maintaining Agency/Unit	Unit Code	Bank	Length (miles)
RD1000	Reclamation District No. 1000			
	Unit No. 01 Sacramento River	U01	LB	18.60
	Unit No. 02 American River	U02	RB	2.30
	Unit No. 03 Natomas East Canal	U03	RB	17.30
	Unit No. 04 Natomas Cross Canal	U04	LB	4.40

Reclamation District No. 1000 (RD 1000)

Summary of Information Reported in 2008 for: Reclamation District No. 1000

- 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 location) on vegetation encroachment issues (permitted and unauthorized), bank protection, emergency levee repairs, erosion, sinkholes (resulting from force main installation), slurry wall construction, bridge construction, and access 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 identified authorized vegetation encroachments that limit visibility and access, deficient levee crown height and freeboard issues at several locations along the Sacramento River Levee Unit No. 01 and the Natomas Cross Canal Levee Unit No. 04, and under seepage and beaver burrows along the Sacramento River Levee Unit No. 01, American River Levee Unit No. 02 and the Natomas East Canal Unit No. 03 & Unit No. 04. The Agency also noted the construction start (2008) of the Natomas Levee Improvement Project that will raise the Natomas Cross Canal to meet adequate freeboard for the 200-year flood.
- Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year**
- The Agency provided a line item summary of maintenance activities accomplished on all Levee Units, and the location of these activities. Activities included rodent/animal control, vegetation control (heavy pruning and trimming with emphasis on waterside levee slopes), encroachment monitoring (during construction) and control (including monitoring for unauthorized encroachments), and crown maintenance and access 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 line item summary of proposed maintenance activities to be accomplished on all Levee Units. Activities include mowing, spraying, burning, erosion protection, and access control. The reported estimated cost for all operation and maintenance activities is approximately \$26.500 per mile.
- 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 provided information about ongoing geotechnical studies and planned construction for SFA's proposed Natomas Levee Improvement Project which includes slurry walls, land side berms, relief wells and other remediation, geotechnical investigations, and other relevant studies.

Report Distribution



- Central Valley Flood Protection Board Members
- Local Agencies



- Local Agencies
- Counties or Cities, Public Libraries within Local Agency Jurisdiction



- Public

Internal Collaborations/Information Uses

- Central Valley Flood Protection Board
 - Report Summary Briefed to Board Members
 - Copies distributed to Board Members and Staff
- Flood Operations Center
- Levee Repairs Branch
- Levee Evaluations Branch
- Central Valley Flood Management Planning Program
 - State Plan of Flood Control
 - Central Valley Flood Protection Plan

'Extended' Break

Information Stations

- Flood Operations Center
- 2008 Local Agency Report
- Geospatial Applications
- System Design Flows & Hydraulics
- Pipeline Inventory Program
- Erosion Survey Program

2009 Web Application Improvements

- **2009 Improvements**
 - New Links from Initial Web Page
 - Agency 'Contacts Page' for Viewing and Editing
 - Agency Plate Map/Aerial Image Viewing and Comment Page
 - Agency Electronic Access to Levee Mile/Inspection Report through Web Application
 - Response Field Added to Items Identified in Levee Mile/Inspection Report
 - Responses Populate Both Inspection Database & Annual AB 156 Report
 - New Dropdown Menu Selections, Maintenance Categories
 - Part 4 Summary Report Export Capability to Excel

2009 Electronic Reporting Web Application

The screenshot shows a web browser window displaying the FloodSAFE California website. The browser title is "Flood Project Integrity and Inspection Branch - Windows Internet Explorer" and the address bar shows "http://cdec.water.ca.gov/lma.html". The website header includes the "CA.GOV" logo, "Department of Water Resources", and "California Data Exchange Center". A search bar is located in the top right corner. The main navigation menu includes links for Home, Query Tools, Precipitation, River Forecast, River Stages/Flow, Reservoirs, Snow, Stations, and Weather. Below the navigation menu, there are three main content areas: "MOST POPULAR LINKS", "LOCAL AGENCY PROGRAM SITE", and "MORE INFORMATION". The "LOCAL AGENCY PROGRAM SITE" section features a prominent announcement: "Local Agency Reports to DWR are due by September 30 each year". The "MORE INFORMATION" section lists various reports and documents, including the "2008 Local Agency Annual Report" and "California Water Code Section 9140". At the bottom of the page, there is a footer with links for "Back to Top", "Help", "Comments or Suggestions", and "Document Viewers".

Flood Project Integrity and Inspection Branch - Windows Internet Explorer
http://cdec.water.ca.gov/lma.html

Department of Water Resources
California Data Exchange Center

Home Query Tools Precipitation River Forecast River Stages/Flow Reservoirs Snow Stations Weather

About CDEC | Browse CDEC | DWR Home | DFM Home |

MOST POPULAR LINKS

- Executive Summary
- Real-time Data
- Daily Data
- Monthly Data
- Historical Data
- Data Plotter
- Station Search
- Station Locator
- Daily Water Temperatures
- Reports
- Other Related Data Sources
- Contact CDEC Staff

LOCAL AGENCY PROGRAM SITE

- Local Agency Information & Reporting
- Explanations for Part Reporting

Local Agency Reports to DWR are due by September 30 each year

MORE INFORMATION

- 2008 Local Agency Annual Report
- California Water Code Section 9140
- AB 156 Full Text
- Program Fact Sheet
- 2009 Workshops Announcement
- LMA Plat & Aerial Images of Sacramento/San Joaquin System
- Flood System Inspection Reports
- High Resolution Maps (Sacramento/San Joaquin System maps with LMA's)
- New Users/Existing Users Accounts**
- Create new Account/Change password

ANNOUNCEMENTS

LOCAL AGENCY REPORT IS DUE BY SEPTEMBER 30, 2009

The 2008 Annual Local Agency Report is Now Available

- Local Agency Annual Workshops:** Workshops to test the web application upgrades will be held in Sacramento at the Flood Operations Center June of 2009
- Current Web Application Developments:**
 - Creating account holder access to inspection and levee mile reports, with the ability to identify maintenance and/or repair actions taken or planned, and populate both reports.
 - Coordination with the Flood Operations Center and the Directory of Flood Officials to create an electronic agency contacts page that includes position titles, contact types, and mail, phone, electronic information to improve emergency response communications and notifications.
 - New menu links which provide access to additional Flood System information.

Back to Top | Help | Comments or Suggestions | Document Viewers

Username and Password Login

The screenshot shows a web browser window displaying the Flood Project Integrity and Inspection Branch website. The browser's address bar shows the URL <http://cdec.water.ca.gov/ma.html>. The website header includes the California Data Exchange Center logo and navigation links such as Home, Query Tools, Precipitation, River Forecast, River Stages/Flow, Reservoirs, Snow, Stations, and Weather. A search bar is located in the top right corner.

The main content area is divided into sections: MOST POPULAR LINKS, LOCAL AGENCY PROGRAM SITE, and MORE INFORMATION. The LOCAL AGENCY PROGRAM SITE section contains a link to 'Local Agency Information & Reporting'. The MORE INFORMATION section contains a link to '2008 Local Agency Annual Report'.

A login dialog box titled 'FPIIB Login' is overlaid on the page. It features a background image of a flooded field. The dialog box contains the following text and fields:

- Header: **Welcome to Flood Project Integrity and Inspection Branch**
- Sub-header: (Local Agency Reporting Application)
- Text: Please enter your username and password then press ok.
- Fields: Username: Password:
- Buttons: Ok, Cancel

At the bottom of the dialog box, the date and time are displayed as 'Monday, June 22, 2009 9:55:57 AM'. The footer of the website shows 'Copyright © California Data Exchange Center 2008-2009' and 'Version 1.05'.

2009 Web Application Improvements

**Agency 'Contacts'
& Map Viewing Page**

**Review and Edit Contact
Information for
Directory of Flood
Officials**

**Review and Comment on
Levee Units from
Aerial Image or Plat
Map**

Local Maintenance Agency Report - (AB156)

File Edit Report Delta Administration Window Help

Contact Information

American River Flood Control District

Maintained Areas
American River Flood Control District

View Summary Add New Contact Delete Contact Set Default Contact

Assistant To The President **Brian Holloway**

Contact Information

CONTACT TYPE	CONTACT TITLE	FIRST NAME	LAST NAME	PHONE NU...	EMAIL
1	Assistant To The Pre	Brian	Holloway	(916)929-40	arfcd@arfcd.org
2	Trustee	Bettina	Redway	(916)929-40	arfcd@arfcd.org
3	Secretary	Derek	Minnema	(916)929-40	arfcd@arfcd.org
4	President	Karolyn	Simon	(916)929-40	

Status
Record 1 of 4

Plat Map Aerial Map

Map Comments

Submit Comment

Project Levee

- Unit 1
- Unit 2
- Unit 3
- Unit 4
- Unit 5
- Unit 6
- Unit 7
- Area Boundary

Local Maintenance Agency Report - (AB156)

File Edit Report Delta Administration Window Help

Contact Information Ctrl-I
 New Report Ctrl-N
 Print Report Ctrl-P
 Levee Mile/Inspection Report Ctrl-L
 O&M Manual Ctrl-O
 Map Information Ctrl-M
 Corrective Report

View Summary Add New Contact Delete Contact Set Default Contact

American River Flood Control District

Assistant To The President **Brian Holloway**

Contact Information

CONTACT TYPE	CONTACT TITLE	FIRST NAME	LAST NAME	PHONE NU...	EMAIL
1	Assistant To The Pres	Brian	Holloway	(916)929-40	arfcfd@arfcfd.org
2	Trustee	Bettina	Redway	(916)929-40	arfcfd@arfcfd.org
3	Secretary	Derek	Minnema	(916)929-40	arfcfd@arfcfd.org
4	President	Karolyn	Simon	(916)929-40	

Status
Record 1 of 4

Plat Map Aerial Map

Map Comments

Submit Comment

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 District
 District Name: American River Flood Control District

All Levee Units
 District Unit: All Levee Units
(N/A)
District Code: N/A

American River Flood Control District

2009 Report Part 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 local agency.

1) Select the maintenance activity/category for work for current fiscal year.

Part 1
 Part 2
 Part 3
 Part 4
 Part 5

Encroachment Control

- Encroachment Control
- Erosion Repair
- Gates/Repair/Painting/Maintenance/Ins
- Inspections
- Insurance and Dues
- Legal/Admin/Management Services
- Minor Structure/Repair/Maintenance/Ins
- Mobile Equipment Costs
- Location Description

No location description.

Estimated Cost:

Current Fiscal Year: July 1, 2009 - June 30, 2010

GPS Coordinates / Levee Mile

	START	END
Latitude: ° N	<input type="text"/>	<input type="text"/>
Longitude: ° W	<input type="text"/>	<input type="text"/>
Levee Mile:	<input type="text"/>	<input type="text"/>

- Additional Comments -

No comments.

- Action -

View Submitted Report
 Corrective Action/Item
 Clear Form

2009 Web Application Improvements

Agency Levee Mile/Inspection Report

State of California - Department of Water Resources - Division of Flood Management - Flood Project Integrity & Inspection Branch
Flood Control Project Maintenance
Levee Inspections
#02197

Levee Inspection Report By Mile - Fall 2008

Reclamation District No. 2107

Waterway		Bank	Unit Miles	Inspection Date	Area
Unit No. 01 San Joaquin River		Left	2.40	09/15/2008 11:14 AM	Baoh

Levee Mile	Start	End	Category	Item	Rating	Action/Comment	GPS Latitude/Longitude	
							Start	End
1	0.02	0.05	Earthen Levee	Trim / Thin Trees	WS M	Trim trees to at least five feet above ground level.	37.797065 ° N -121.309735 ° W	37.796032 ° N -121.309559 ° W
2	0.26	0.37	Earthen Levee	Vegetation	WS M	Remove the wild growth other than native grasses from the levee slopes.	37.794315 ° N -121.309545 ° W	37.793140 ° N -121.309153 ° W
3	0.26	0.37	Earthen Levee	Vegetation	LS M	Remove the wild growth other than native grasses from the levee slopes.	37.794315 ° N -121.309545 ° W	37.793138 ° N -121.309153 ° W
4	1.23	1.23	Earthen Levee	Trim / Thin Trees	LS M	Thin trees to allow visibility of the ground and room to flood fight.	37.774357 ° N -121.307118 ° W	37.774357 ° N -121.307118 ° W
5	1.50	1.50	Earthen Levee	Trim / Thin Trees	WS M	Trim trees to at least five feet above ground level.	37.771562 ° N -121.304793 ° W	37.771562 ° N -121.304793 ° W
6	2.19	2.19	Earthen Levee	Encroachments	CR M	Pipe Inspector Comments: Temporary pipe should be made a permanent fix, or removed after harvest season.	37.763072 ° N -121.309790 ° W	37.763072 ° N -121.309790 ° W

Legend: Location (LS: Land Side, WS: Water Side, CR: Crown), Rating (A: Acceptable, M: Minimally Acceptable, U: Unacceptable), PO: Partially Obstructing, CO: Completely Obstructing, N: Not Inspected

Tuesday, February 03, 2009 08:44 **FINAL DATA** Page 1 of 4

State of California - Department of Water Resources - Division of Flood Management - Flood Project Integrity & Inspection Branch
Flood Control Project Maintenance
Levee Inspections
#02197

Levee Inspection Report By Mile - Fall 2008

Reclamation District No. 2107

Waterway		Bank	Unit Miles	Inspection Date	Inspector
Unit No. 01 San Joaquin River		Left	2.40	09/15/2008 11:14 AM	Baoh

Levee Mile Report Line 2

Start Levee Mile: 0.26
End Levee Mile: 0.37
Location: Water Side
Category: Earthen Levee
Item: Vegetation

RD 2107: WS vegetation is still present and needs to be removed.



Levee Mile Report Line 3

Start Levee Mile: 0.26
End Levee Mile: 0.37
Location: Land Side
Category: Earthen Levee
Item: Vegetation

RD 2107: Vegetation is still present on LS and needs to be removed.



Levee Mile Report Line 5

Start Levee Mile: 1.50
End Levee Mile: 1.50
Location: Water Side
Category: Earthen Levee
Item: Trim / Thin Trees

RD 2107: Trees on WS still need to be trimmed and/or thinned. The need was identified during Spring inspections.



Legend: Location (LS: Land Side, WS: Water Side, CR: Crown), Rating (A: Acceptable, M: Minimally Acceptable, U: Unacceptable), PO: Partially Obstructing, CO: Completely Obstructing, N: Not Inspected

Tuesday, February 03, 2009 08:44 **FINAL DATA** Page 2 of 4

Local Agency access to Inspection & Levee Mile Report

Local Agency responses populate both databases

Demonstration of Web Application

Next Steps

Increased Data Exchange & Sharing of Flood System Information

FloodSAFE CALIFORNIA

STATE OF CALIFORNIA
THE RECLAMATION BOARD
 APPROVAL OF PLANS

Application No. 12117-A GH

The Application of: **Bilary R. Abranson**
 P. O. Box 160042
 Sacramento, CA 95816

For approval of plans

To riprap a portion of the left bank of the Sacramento River located approximately 3 kilometers (1.23 miles) upstream from Zikhers Road. Section 23, T. 10 N., R. 3 E., M.D.D.#4, (Reclamation District No. 1000). Sacramento River, Sacramento County

On the _____ day of _____, 19____, The Reclamation Board or its General Manager pursuant to delegation from the Board, has considered this application. Now, therefore, it is ORDERED that this application and plans attached thereto are hereby approved and permission to proceed with the work in accordance therewith is hereby granted subject to all terms, conditions, and restrictions attached hereto which are incorporated herein by reference and made a part hereof.

GENERAL CONDITIONS

- ONE: This approval is issued under the authority of Sections 8700-8723 of the State Water Code.
- TWO: This approval is to be strictly construed and no work, other than that specifically described herein, is authorized hereby.
- THREE: This approval of plans does not carry with it permission to construct any works on lands owned by the Sacramento and San Joaquin Drainage District, nor on any other lands whatsoever.
- FOUR: The work hereunder shall be accomplished under the direction and supervision of the State Department of Water Resources and applicant shall conform to all requirements of said Department and the State Reclamation Board, and applicant shall notify said Department of Water Resources, P. O. Box 160088, Sacramento, CA 95816, telephone (916) 445-3942, at least three days prior to commencement.
- FIVE: This approval shall be void unless the work herein contemplated shall have been commenced within one year after issuance.
- SIX: This approval shall remain in effect until revoked. This approval is revocable on 15 days' notice in the event that any conditions contained herein are not complied with.
- SEVEN: It is understood and agreed by applicant that the commencement of any work under this approval shall constitute an acceptance of the provisions of this approval and an agreement to perform in accordance therewith.
- EIGHT: This approval is granted with the understanding that this action is not to be considered as establishing any precedent with respect to any other application required by The Reclamation Board.
- NINE: The applicant to whom this approval is issued shall, whenever the same is required by law, secure the written order or consent to any work hereunder from any other public agency having jurisdiction.
- TEN: Upon completion of the work all waste material and debris shall be entirely removed from the site of the work and the site left in as presentable a condition as before the work started.
- ELEVEN: The applicant is responsible for all liability for personal injury or property damage which may arise out of failure on the applicant's part to perform the obligations under this approval. In the event any claim of liability is made against the State of California or any department thereof, the United States of America, a local district or other maintaining agency and the officers, agents or employees thereof, applicant shall defend, indemnify and hold each of them harmless from such claim.
- TWELVE: The applicant agrees by the acceptance of this approval to exercise reasonable care to operate and maintain properly any work authorized herein and agrees to conform to standards of operation and maintenance prescribed by the State of California.

DWR 2784 (Ex. 11/76)

(OVER)

(SEAL)

Dated: **DEC 15 1977**

CB

ORIGINAL SIGNED BY
PAUL L. CLIFTON
 GENERAL MANAGER

Application No. 12117-A
 Received by DWR 12/15/77

DWR 2784 (Ex. 11/76)

CALIFORNIA
RECLAMATION BOARD
 PLANS

No. 12117-GH
 To riprap a portion of the left bank of the Sacramento River located approximately 3 kilometers (1.23 miles) upstream from Zikhers Road. Section 23, T. 10 N., R. 3 E., M.D.D.#4, (Reclamation District No. 1000). Sacramento River, Sacramento County

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8700-8723 of the State Water Code.

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It is understood and agreed by applicant that the commencement of any work under this approval shall constitute an acceptance of the provisions of this approval and an agreement to perform in accordance therewith.

This approval is granted with the understanding that this action is not to be considered as establishing any precedent with respect to any other application required by The Reclamation Board.

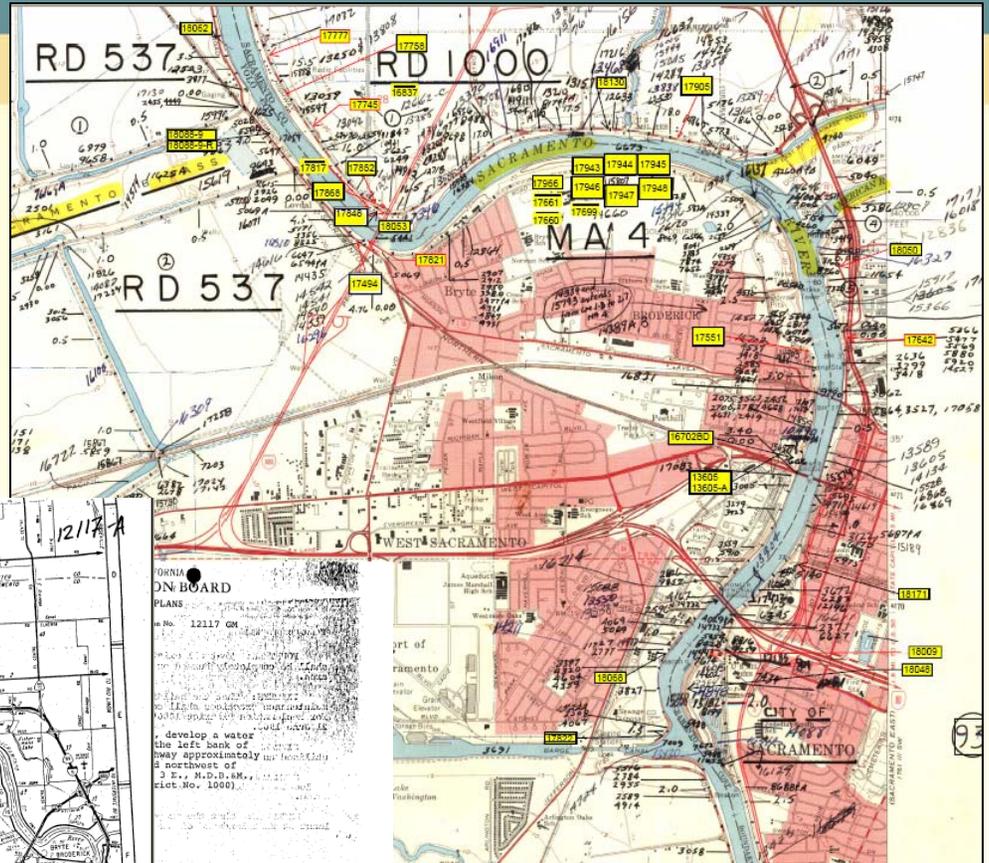
The applicant to whom this approval is issued shall, whenever the same is required by law, secure the written order or consent to any work hereunder from any other public agency having jurisdiction.

Upon completion of the work all waste material and debris shall be entirely removed from the site of the work and the site left in as presentable a condition as before the work started.

The applicant is responsible for all liability for personal injury or property damage which may arise out of failure on the applicant's part to perform the obligations under this approval. In the event any claim of liability is made against the State of California or any department thereof, the United States of America, a local district or other maintaining agency and the officers, agents or employees thereof, applicant shall defend, indemnify and hold each of them harmless from such claim.

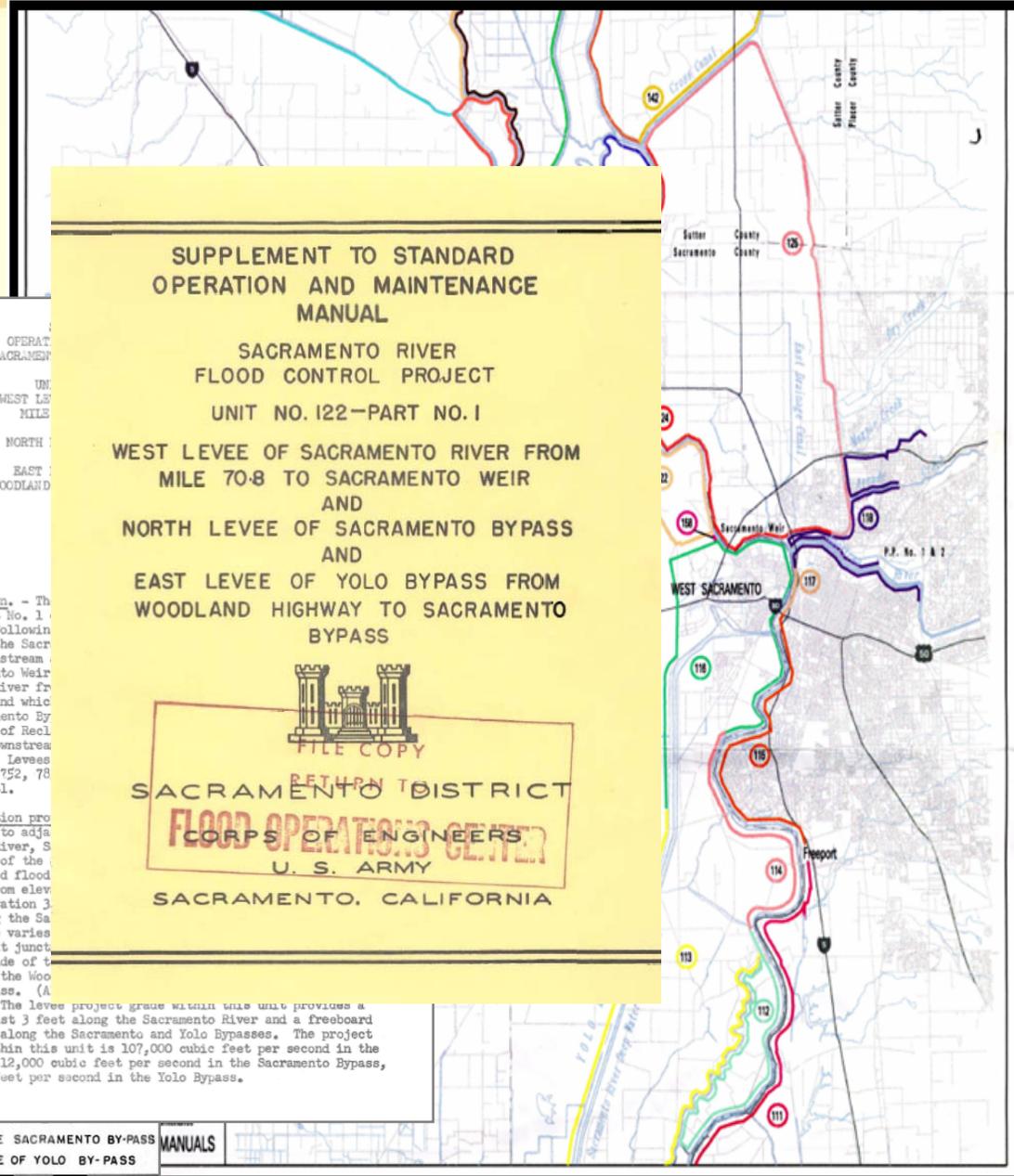
The applicant agrees by the acceptance of this approval to exercise reasonable care to operate and maintain properly any work authorized herein and agrees to conform to standards of operation and maintenance prescribed by the State of California.

Application No. 12117-A
 Received by DWR 12/15/77



CVFPB Encroachment Permits

USACE Operation & Maintenance Manuals



**SUPPLEMENT TO STANDARD
OPERATION AND MAINTENANCE
MANUAL**

**SACRAMENTO RIVER
FLOOD CONTROL PROJECT
UNIT NO. 122-PART NO. 1**

**WEST LEVEL OF SACRAMENTO RIVER FROM
MILE 70.8 TO SACRAMENTO WEIR
AND
NORTH LEVEL OF SACRAMENTO BYPASS
AND
EAST LEVEL OF YOLO BYPASS FROM
WOODLAND HIGHWAY TO SACRAMENTO
BYPASS**

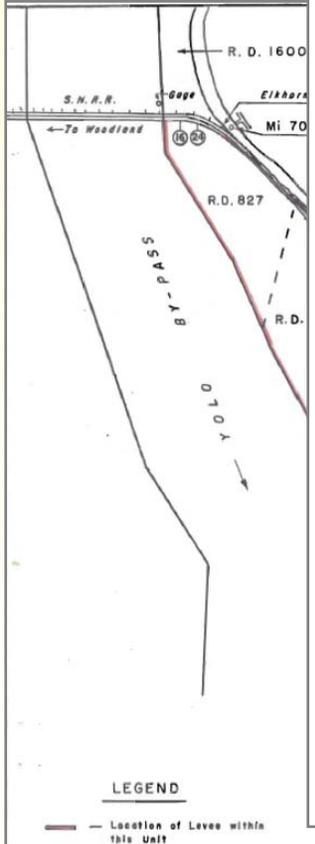


FILE COPY
RETURN TO DISTRICT
FLOOD OPERATIONS CENTER
U. S. ARMY
SACRAMENTO, CALIFORNIA

OPERAT
SACRAMEN
UNI
WEST LE
MILE
NORTH
EAST
WOODLAND

1-01. Location. - This Unit No. 122 - Part No. 1 and comprises the following: The west levee of the Sacramento River from the Sacramento Weir to the south boundary of Reel Highway crossing downstream Sacramento Bypass. Levees Districts No. 537, 752, 78 shown on Exhibit A-1.

1-02. Protection provided to adjacent of the Sacramento River, 3 essential features of the grade of the adopted flood this unit varies from elevation (mile 70.8) to elevation 3 (mile 63.5). Along the Sacramento Bypass the grade of the Yolo Bypass the grade of the elevation 29.4 at the junction of the Sacramento Bypass. (A Engineers datum). The levee project grade within this unit provides a freeboard of at least 3 feet along the Sacramento River and a freeboard of at least 6 feet along the Sacramento and Yolo Bypasses. The project design capacity within this unit is 107,000 cubic feet per second in the Sacramento River, 112,000 cubic feet per second in the Sacramento Bypass, and 377,000 cubic feet per second in the Yolo Bypass.



AND NORTH LEVEL OF SACRAMENTO BY-PASS
AND WEST LEVEL OF YOLO BY-PASS

MANUALS

Updated Electronic/Database Levee Logs

Lower San Joaquin Levee District

Plate No.
Locks:

Unit No. 07 Bear Creek Bypass

Rock:

Mile	Inspection Log
0.00	Right bank levee Bear Creek at junction with right bank
0.00-0.51	Barbwire fence 10 plus feet from the landward toe.
0.00-0.14	Drainage canal 20 feet from the landward toe.
0.08	24-inch C.M pipe through the levee, 10.8 feet below the crown. Flap gate on the water ward end. Concrete headwall on the landward end. Concrete "U" headwall on the water ward end.
0.34	24-inch C.M pipe through the levee, 11.1 feet below the crown. Flap gate on the water ward end. Concrete headwall on the landward end. Concrete "U" headwall on the water ward end.
0.39	Turn around provided on the landward shoulder.
0.48	Ramp on the landward slope.
0.49	36-inch C.M pipe through the levee, 9.7 feet below the crown. Slide gate in 48-inch C.M. pipe riser in the landward slope. Concrete "U" headwall on the landward end, inlet channel cobble revetted. Wooden walkway to wooden platform on the water ward side. Water ward slope and outlet ditch cobble revetted.
0.51	Cross fence, metal drive gate (SH61 lock). Breakaway fence across channel.
0.52	Ramp on both slopes.
0.53	24-inch C.M. pipe through the levee, 10.0 feet below the crown. Flap gate on the water ward end. Concrete headwall on the landward end. Concrete "U" headwall on the water ward end.
0.86	24-inch C.M. pipe through the levee, 9.8 feet below the crown. Flap gate on the water ward end. Concrete headwall on the landward end. Concrete "U" headwall on the water ward end.
0.93	Ramp on both slopes.
0.93	Cross fence, metal drive gate (no lock). Breakaway fence across channel.
0.94	Ramp on both slopes.
0.95	24-inch C.M. pipe through the levee, 11.5 feet below the crown. Flap gate on the water ward end. Concrete headwall on the landward end. Concrete "U" headwall on the water ward end.
1.17	48-inch C.M pipe through the levee, 14.6 feet below the crown. Flap gate on the water ward end. Concrete "U" headwalls on both ends.
1.20	Ramp on the landward slope.

Page 1 of 5

Flap gate on the water ward end. Concrete headwall on the landward end. Concrete "U" headwall on the water ward end.

3.28 Army Corp of Eng. survey marker on landward shoulder.

3.32 Turn around provided on the landward shoulder.

3.50 Water gauge and wooden catwalk; staff gauge water ward berm.

3.62 End of right bank levee of Bear Creek at left bank (unit 22) levee Eastside Canal. Bridge across Bear Creek. Start inspection for unit 8 opposite levee (across bridge) at levee mile 3.63. Mileage runs backward to 0.00

Levee Log Report

Lower San Joaquin Levee District (NA0010)

Unit No. 07 Bear Creek Bypass

Levee Mile Start	Levee Mile End	Latitude Start	Longitude Start	Latitude End	Longitude End	Encroachment Permit No	Levee Mile Description
0.00	0.00						Right bank levee Bear Creek at junction with right bank
0.00	0.14						Drainage canal 20 feet from the landward toe.
0.00	0.51						Barbwire fence 10 plus feet from the landward toe.
0.08	0.08	37.26603	120.77100				24-inch C.M pipe through the levee, 10.8 feet below the crown. Flap gate on the water ward end. Concrete headwall on the landward end. Concrete "U" headwall on the water ward end.
0.34	0.34	37.25775	120.76721				24-inch C.M pipe through the levee, 11.1 feet below the crown. Flap gate on the water ward end. Concrete headwall on the landward end. Concrete "U" headwall on the water ward end.
0.39	0.39						Turn around provided on the landward shoulder.
0.48	0.48						Ramp on the landward slope.
0.49	0.49	37.25990	120.76484				36-inch C.M pipe through the levee, 9.7 feet below the crown. Slide gate in 48-inch C.M. pipe riser in the landward slope. Concrete "U" headwall on the landward end, inlet channel cobble revetted. Wooden walkway to wooden platform on the water ward side. Water ward slope and outlet ditch cobble revetted.
0.51	0.51						Cross fence, metal drive gate (SH61 lock). Breakaway fence across channel.
0.52	0.52						Ramp on both slopes.
0.53	0.53	37.25819	120.76483				24-inch C.M. pipe through the levee, 10.0 feet below the crown. Flap gate on the water ward end. Concrete headwall on the landward end. Concrete "U" headwall on the water ward end.
0.86	0.86	37.20203	120.76109				24-inch C.M pipe through the levee, 9.8 feet below the crown. Flap gate on the water ward end. Concrete headwall on the landward end. Concrete "U" headwall on the water ward end.
0.93	0.93						Ramp on both slopes.
0.93	0.93						Cross fence, metal drive gate (no lock). Breakaway fence across channel.
0.94	0.94						Ramp on both slopes.
0.95	0.95	37.26396	120.76053				24-inch C.M. pipe through the levee, 11.5 feet below the crown. Flap gate on the water ward end. Concrete headwall on the landward end. Concrete "U" headwall on the water ward end.
1.17	1.17	37.20446	120.76668				48-inch C.M pipe through the levee, 14.6 feet below the crown. Flap gate on the water ward end. Concrete "U" headwalls on both ends.
1.20	1.20						Ramp on the landward slope.
1.28	1.28						Barbwire fence 10 feet from the landward toe.
1.39	1.39						Ramp on the landward slope.
1.51	1.51	37.26396	120.75007				24-inch C.M pipe through the levee, 14.0 feet below the crown. Flap gate on the water ward end. Concrete "U" headwalls on both ends.
1.53	1.53						Turn around provided on the landward shoulder.
1.76	3.62						Barbwire fence 10 plus feet from the landward toe.
2.07	2.07						Panel gate.
2.08	2.08	37.25626	120.74262				Ramp on both slopes. Low water crossing in channel.

Page 1 of 4

Unit No. 14 Ash Slough

Levee Mile Start	Levee Mile End	Latitude Start	Longitude Start	Latitude End	Longitude End	Encroachment Permit No	Levee Mile Description
0.00	0.00						
0.00	0.00						
0.00	0.00						
0.00	0.00						
0.00	0.00						
0.00	0.00						
0.00	0.00	37.53324	120.44193				Left bank levee Ash Slough at junction with right bank levee Eastside Bypass. Levee crown 12 feet wide, water ward slope 1 on 3, landward slope 1 on 2. Graveled crown roadway. Mileage runs upstream.
0.00	1.28						Barbwire fence, 5 to 10 feet from the landward toe.
0.04	0.04						Ramp on both slopes.
0.10	0.10						Ramp on water ward slope.
0.10	0.10						Cross fence, barb wire drag gate.

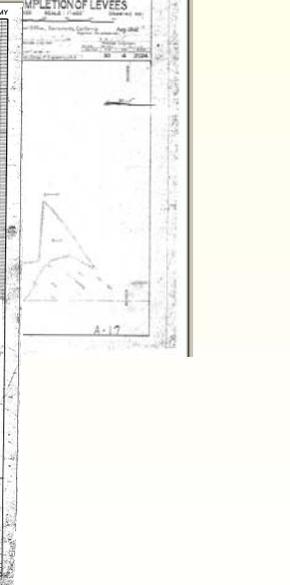
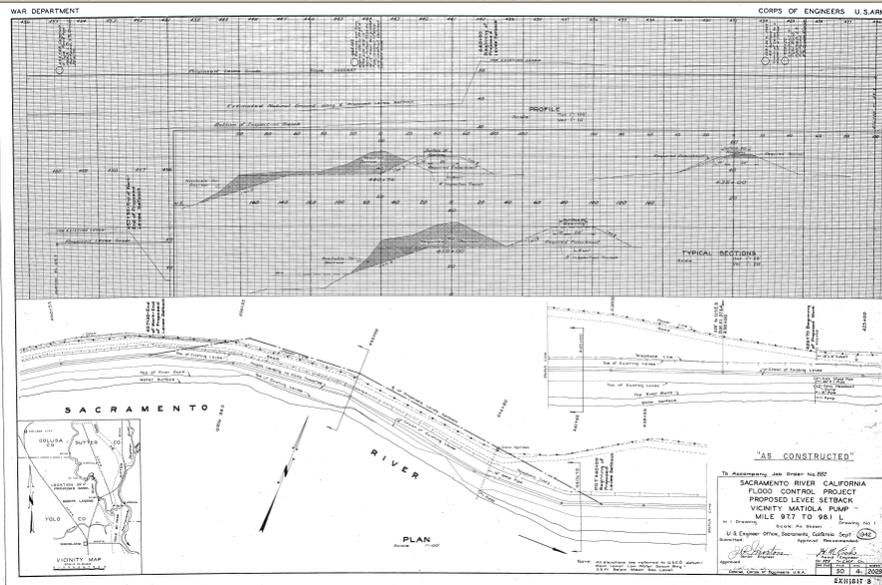
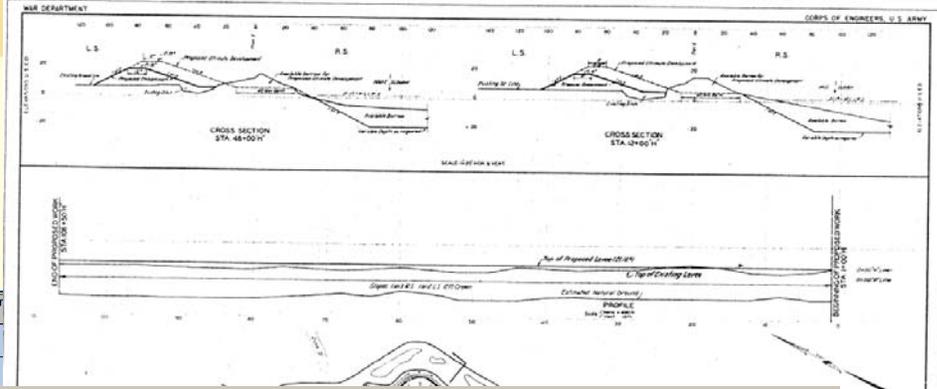
Page 2 of 4

FloodSAFE CALIFORNIA

As Constructed Drawings

1	Document Refer	Document Name	Document Date	Disk #	Scanned Document Name
2	3-4-148	Mormon Slough Project San Joaquin County California, Calaveras River, Levee Crown Surfacing and Bank Protection, San Joaquin River to McAllen Road Bridge	30-Apr-69	Disk 1	3-4-148.pdf
3	3487C.10	City of Porterville Plans for the Construction of the Sludge Disposal Project Digested Sludge Transfer Station & Force Main	16-Apr-92	Disk 1	3487C.10.pdf
4	3487C.10	City of Porterville Plans for the Construction of the Sludge Disposal Project Digested Sludge Transfer Station & Force Main	16-Apr-92	Disk 1	3487C.10.pdf
5	3-753-20	SRB Easements Dry Creek	nda	Disk 1	3-753
6		Deer Creek Easements and RW Required on Property of Moritz Thomsen	Aug-50	Disk 1	39-39
7		Deer Creek Easements and RW Required on Property of Roy Carmichael	Aug-50	Disk 1	39-43
8	4-10-333	Feather River Gridley to Hamilton Bend High Water Profiles Levee Grades	01-Oct-51	Disk 1	4-10-
9	4-10-432	Sacramento River Flood Control Project Feather River Verona to Gridley High Water Profiles Levee Grades	01-May-56	Disk 1	4-10-
10	4-13-11	Map of Feather River from Oroville to Southerly Limit of Gold Dredging Grounds	01-Oct-09	Disk 1	4-13-
11	4-13-84	Feather River, CA, from Marysville to its Mouth (survey)	29-May-25	Disk 1	4-13-
12	4-18-810	Yuba River Basin Feasibility Study	15-Jun-05	Disk 1	4-18-
13	4-4-188-1	Sacramento River Flood Control Project Proposed Levee Enlargement West Levee Feather River Yuba City to Shanghai Bend and from Starr Bend 2 Miles Southerly	10/3/1933	Disk 1	4-4-1
14	4-4-282	Sacramento River Flood Control Project Levee Construction West Levee Feather River from Opposite Rio Bonito Station upstream 3.5 miles	27-Aug-46	Disk 1	4-4-2
15	4-4-450	Sacramento River Flood Control Project Levee Construction Left Bank Feather and Bear Rivers from Nicolaus Bridge to Western Pacific Railroad Bridge	7/25/1958	Disk 1	4-4-4
16	50-10-1887	Proposed Levee Enlargement North Levee Miner Slough	01-Jul-39		
17	50-10-2792	Sacramento & American Rivers Profile Left Banks from mi 59.73 to 16th St Bridge	01-Mar-51		
18	50-10-2813	District 1000 Levee, Profile, Left Bank Sacto River, Right Bank American River, Back Levee Dist. 1000 and Left Bank Natomas Cut	nda		
19	50-10-2815	Cross Section Sacramento River South Bank Wadsworth Canal	01-Apr-51		
20	50-10-2816	Profile of South Levee of Intercepting Canals	nda		
21	50-10-2821	Sacramento River, Ca. Colusa to Chico Landing, High Water Profiles and Proposed Project Levee Grade	01-May-51		
22	50-10-2822	Sacramento River, Ca. Chico Landing to Red Bluff, High Water Marks and Projects Design Flow Line, Proposed Levees	01-Jan-54		
23	50-10-2869	Sacramento River, Ca. Georgiana Slough and Lower Sacramento River, High Water Profiles and Levee Grades	01-Sep-51		
24	50-10-2987	Sandy Gulch (Lindo Channel), Ca. High Water Profiles	25-Aug-53		
25	50-10-2988	Butte Creek, Ca. High Water Profiles	27-Aug-53		
26	50-10-3289	Willow Creek, High Water Profiles (Willow Creek, Walker Creek and South Fork)	19-Jan-55		
27	50-10-3290	Elder Creek, High Water Profiles	14-Jan-55		
28	50-10-3291	Thomes Creek, Profiles	12-Jan-55		
29	50-10-3297	Project Design Flood Plain and High Water Profiles Yolo Bypass	01-May-56		
30	50-10-3300	High Water Profiles Cache Creek	21-Feb-56		
31	50-10-3334	Sacramento River Flood Control Project Levee and Channel Profiles	15-Mar-57		
32	50-10-3363	Stony Creek, Ca. Profiles	01-Jun-56		
33	50-10-5575	Chico Landing to Red Bluff River Mile 215, Right Bank Cross Sections	01-Jul-82		
34	50-13-1833B	Proposed Levee Enlargement North Levee Miner Slough	01-Jul-39		
35	50-13-2569	Sacramento River Flood Control Project Putah Creek from Winters, downstream 8.3 miles	01-Mar-49		

11-11-2008 11:45 AM All Docs Delivered 20080314 \DWR_JOC_Disk_1\ DWR_JOC_Disk_2 \ DWR_JOC_Disk_3



Next Steps

Emergency Response Applications

Contacts/Field Investigation Reports/Custom High Water Notifications

State of California
The Resources Agency
DEPARTMENT OF WATER RESOURCES
DIVISION OF FLOOD MANAGEMENT

Directory of Flood Officials



October 2008

<p>Mike Chrisman Secretary for Resources The Resources Agency</p>	<p>Arnold Schwarzenegger Governor State of California</p>	<p>Lester A. Snow Director Department of Water Resources</p>
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FIELD INVESTIGATION REPORT
(FI ID: 1961)

Location
<p>LMA: Reclamation District No. 1601 Unit: Unit No. 01 Threemile Slough Loc Desc: Excavation site is located half mile south of Branman Island Road on the landside of the levee approx. 20 feet from landward toe on the east side of the toe drain that is located at the base of the stability berm. The excavation is on the other side of the toe drain from the stability berm. County: Sacramento StreamWatershed: XXXX Designated Floodway: N/A</p>

FIELD INVESTIGATION REPORT
(FI ID: 1961)

Photos
<p>Overview Map of site</p> 
Photos
<p>Southwest corner of site</p> 

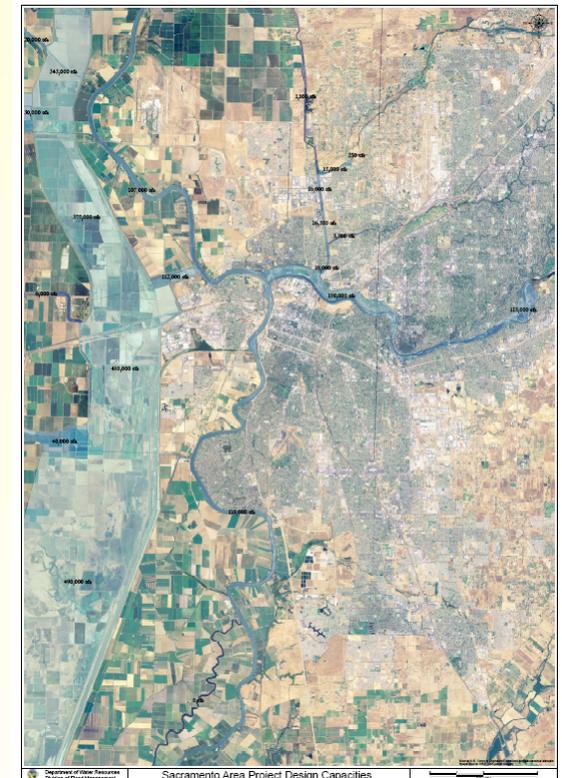
Date: 08/01/2008 Category: G

Description:
Approximately 13 acres of recent earth south of Branman Island Road east is 20-24' wide across the crown with of investigation was 18-20' (slope is 1:2.5-1:3) long with a Stability berm seepage cloth is located 10-15' from 20-30' east of the seepage cloth. It under a contract as source material perimeter road along Sevenmile Slough locations within the excavated area appears that the lens of expected material, which began seeping water construct a 1,000-linear-foot seabed Slough under CVFPB Permit # 183

Recommendation:
I recommend that this site be monitored for mineral material be restored under installed. The recommendation of cracks at this site. See other report location.

As this site is fairly near to a mainline in 2003, it was probably not a good should be inspected more carefully possible effect on the levee have been

Action Taken:
RD 1601 and its representatives are



Geospatial Applications

Next Steps

- Review and Incorporate Comments & Suggestions
- Activate Electronic Reporting Web Application on **July 14, 2009**
- Mail Reporting Notification Flyer & Letter in **July 2009**
 - With Paper Copy Reporting Forms
- Reports Due **September 30, 2009**

Comments



June 23rd, 24th, 25th 2009
JOC/DWR
Sacramento, CA

<input type="checkbox"/>	Name (Optional) Address Contact Information	
	Organization/Agency	
	Agency Represented:	

- o Comments/suggestions on [LMA 2008 Annual Report](#)

- o Comments/suggestions on [Contact Information and Maps](#)

- o Comments/suggestions on [Web Application Improvements](#)

- o General Comments/suggestions on [Workshop](#)