

2012

INSPECTION AND LOCAL MAINTAINING AGENCY REPORT OF THE CENTRAL VALLEY STATE-FEDERAL FLOOD PROTECTION SYSTEM

Code of Federal Regulations, Title 33, Section 208.10

California Water Code Sections 9140 - 9141

Draft Report

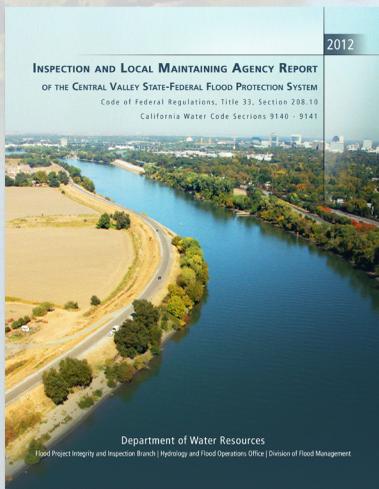
Department of Water Resources

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



Prepared and printed by
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FLOOD
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Reader's Guide

This report is a compilation of data collected by various programs but primarily gathered by DWR's FPIIB. It includes information from DWR inspections, DWR summary of Local Maintaining Agency (LMA) annual reporting derived from Assembly Bill 156 (2007), United States Army Corps of Engineers (USACE) Periodic Inspections (PI) of the State-Federal Flood Control System, DWR Erosion Survey in the San Joaquin River, and the USACE's Sacramento Bank Project erosion data along with other relevant information. Since the report covers many programs and activities, this Reader's Guide has been provided to help the reader navigate the report.

The report begins with a text portion followed by twelve Appendices (Appendix A through Appendix L). Appendices A through E are included in hard copy format while Appendices F through L are included in electronic format (CD). A CD is attached in the back of the report.

Appendices A and B cover LMA summary profiles for Sacramento and San Joaquin River Flood Control Systems. Each individual LMA summary profile contains a cover page with LMA contact information, aerial map of the levee segment, levee information, results of inspection and erosion, USACE PI results and current eligibility in the Rehabilitation and Inspection Program (RIP), and LMA summary reporting. The contact information presented in this report is for the highest authority within an LMA jurisdiction. Directory of Flood Officials uses this contact information in their Annual Directory. A generic threat assessment and recommendation for each LMA has also been developed by DWR. Each of these Appendices is preceded by System Maps showing the boundaries of LMAs within the Sacramento and San Joaquin Basin.

Appendix C covers other basins which do not belong to either Sacramento or San Joaquin River Flood Control System. Non-Project levee reporting on maintenance from an LMA are also included in this section.

Appendix D covers relevant correspondence primarily for the LMA reporting program.

Appendix E covers supplemental figures and tables with results from the inspection program.

Appendices F through L are self explanatory. The description of each Appendix can be found in the List of Appendices section of the Table of Contents.

It may be helpful for the reader to refer to the document titled *State Plan of Flood Control Descriptive Document* (November, 2012) as part of the *2012 Central Valley Flood Protection Plan* (July, 2012). The information included in the State Plan of Flood Control Descriptive Document is complimentary to this document. Section 7.6 has more information regarding this.

Contents

1 Introduction	6
1.1 Purpose and Scope of Inspection Program	6
1.2 Purpose and Scope of LMA Reporting Program.....	7
1.3 Highlights of Inspection Program for 2012.....	7
1.4 Highlights of LMA Reporting Program for 2012	8
2 2012 LEVEE MAINTENANCE INSPECTION RESULTS	11
3 2012 CHANNEL MAINTENANCE INSPECTION RESULTS	19
4 2012 STRUCTURE MAINTENANCE INSPECTION RESULTS	23
5 SUPPLEMENTAL EROSION SURVEY OF THE SAN JOAQUIN RIVER SYSTEM	30
5.1 Purpose.....	30
5.2 Highlights.....	30
5.3 Results	30
6 LMA Reporting Requirements (CWC Sections 9140-9141)	35
6.1 Agencies Subject to CWC Section 9140 Requirements	37
6.2 Use of the LMA Reporting by DWR	37
6.3 Communication and Outreach	41
7 OTHER BRANCH ACTIVITIES AND ACCOMPLISHMENTS	44
7.1 Inspection and Reporting for Project Facilities.....	44
7.2 High Water Staking	44
7.3 Levee Waterside Erosion Surveys	45
7.4 Utility Crossing Inventory Surveys	45
7.5 Other Key Activities	46
7.6 Central Valley Flood Management Planning.....	48

List of Tables

Table 1-1: Summary of Information Reported by LMAs	10
Table 1-2: Non-reporting Local Maintaining Agencies	11
Table 2-1: Summary of Levee Maintenance Ratings for 2007 through 2012.....	11
Table 2-2: Overall Maintenance Rating by Geographical Area for 2007 through 2012	15
Table 3-1: Summary of Channel Maintenance Ratings for 2007 through 2012.....	19
Table 3-2: Overall Channel Maintenance Ratings for 2007 through 2012	21
Table 4-1: Overall Structure Maintenance Ratings for 2007 through 2012	23
Table 4-2: Overall Structure Ratings for 2007 through 2012.....	26
Table 4-3: Overall Pumping Plants Ratings for 2007 through 2012.....	29
Table 5-1: Summary of Erosion Site Status and Rating for 2012.....	30
Table 5-2: Erosion Site Ratings by LMA for 2012.....	31

List of Figures

Figure 2-1: Summary of Area Maintenance Ratings for 2007 through 2012..... 13

Figure 2-2: Area Maintenance Rating Changes from Fall 2007 to Fall 2012..... 14

Figure 3-1: Channel Overall Ratings Comparison 2007 through 2012 20

Figure 4-1: Comparison of Overall Structure Ratings from 2007 through 2012 24

Figure 4-2: Comparison of Overall Pump Plant Ratings from 2007 through 2012..... 25

Figure 6-1 Annual Reporting Compliance by LMAs..... 38

Figure 6-2 Systemwide Comparison of Reporting Compliance by LMAs 39

Figure 6-3 Reporting Mode Adopted by LMAs..... 39

Figure 6-4 Reported Key Activities for Fiscal Year 2011-2012..... 40

Figure 6-5 Reported Key Planned Activities for Fiscal Year 2012-2013..... 41

Figure 6-6: Program Activities..... 43

Figure 7-1: Central Valley State-federal Channels and Flood Control Structures 49

List of Appendices

Appendix A: Sacramento River Flood Control System: Individual Agency Summary Profiles

Appendix B: San Joaquin River Flood Control System: Individual Agency Summary Profiles

Appendix C: Miscellaneous Summary Reports

Appendix D: Relevant Correspondence for the LMA Reporting Program

Appendix E: Supplemental Figures and Tables for the Inspection Program

Appendix F: Maintenance Requirements and Responsibilities—Included on the enclosed CD

Appendix G: Inspection Category Rating Descriptions—Included on the enclosed CD

Appendix H: Fall 2012 Levee Maintenance Inspection Summary Reports—Included on the enclosed CD

Appendix I: 2012 Channel Maintenance Inspection Summary Reports—Included on the enclosed CD

Appendix J: 2012 Structure Maintenance Inspection Summary Reports—Included on the enclosed CD

Appendix K: 2012 Pumping Plant Maintenance Inspection Summary Reports—Included on the enclosed CD

Appendix L: 2012 Supplemental Erosion Survey of the San Joaquin River System Detailed Reports—Included on the enclosed CD

Abbreviations and Acronyms

AB.....	Assembly Bill
CDEC.....	California Data Exchange Center
CO.....	Completely Obstructing
CVFMP.....	Central Valley Flood Management Planning
CFR.....	Code of Federal Regulations
CVFPB.....	Central Valley Flood Protection Board
CVFPP.....	Central Valley Flood Protection Plan
CVRWQCB.....	Central Valley Regional Water Quality Control Board
CWC.....	California Water Code
DFG.....	Department of Fish and Game
DWR or Department.....	Department of Water Resources
FCC.....	Federal Communications Commission
FCSSR.....	Flood Control System Status Report
FCWCA.....	Flood Control and Water Conservation Agency
FEMA.....	Federal Emergency Management Agency
FloodSAFE.....	California’s comprehensive program to improve public safety through integrated flood management
FOC.....	State-federal Flood Operations Center
FPIIB.....	Flood Project Integrity and Inspection Branch
IRWMP.....	Integrated Regional Water Management Planning
LB.....	Left Bank
LD.....	Levee Districts
LM.....	Levee Mile
LMA/LMAs.....	Local Maintaining Agency/Agencies
LMR.....	Levee Mile Reports
LOM.....	Library of Models
MA.....	Maintenance Areas
NA.....	Named Areas
NEMDC.....	Natomas East Main Drainage Canal
NLIP.....	Natomas Levee Improvement Program
NULE.....	Non-Urban Levee Evaluation
O&M.....	Operation & Maintenance
OMRRR.....	Operation, Maintenance, Repair, Rehabilitation and Replacement
PI.....	USACE Periodic Inspection
PL 84-99.....	Public Law that defines federal rehabilitation assistance for flood control works
PO.....	Partially Obstructing
RB.....	Right Bank
RIP.....	Rehabilitation and Inspection Program
RD.....	Reclamation Districts
RM.....	River Mile
RS.....	Rock Site
SAFCA.....	Sacramento Area Flood Control Agency
SJAFCA.....	San Joaquin Area Flood Control Agency
SJRFCS.....	San Joaquin River Flood Control System
SPFC.....	State Plan of Flood Control
SPRR.....	Southern Pacific Railroad
ST.....	State Maintained Area
UCIP.....	Utility Crossing Inventory Program
USACE.....	U.S. Army Corps of Engineers

1 INTRODUCTION

This report is the first in the journey of combining the results of the California Department of Water Resources' (DWR) 2012 inspections and the Local Maintaining Agencies (LMA) annual reporting program of the State-federal flood protection system in California's Central Valley.

1.1 Purpose and Scope of Inspection Program

Federal Flood Control Regulations (Title 33 of the Code of Federal Regulations, Section 208.10 (33 CFR 208.10)) require that federal flood protection facilities be inspected at least four times a year — immediately prior to the beginning of the flood season, immediately following each major high water period, and otherwise at intervals not exceeding 90 days. In addition, inspections at intermediate times may be necessary. These periodic inspections are specifically needed to ensure that maintenance measures for project facilities are being effectively carried out, not to determine other inherent problems (geotechnical, flow capacity, etc.) with the project facilities.

This *2012 Inspection and Local Maintaining Agency Report of the Central Valley State-federal Flood Control System* is the annual report on the effectiveness of facility maintenance activities of the maintaining agencies. It serves as the report titled *Status of Project Levee Maintenance* referenced in some documents. This report covers levees, channels, and structures, including pumping plants. Deficiencies are noted and each agency receives a rating for the facilities within its maintenance responsibilities based on the fall inspections. The report is based primarily on DWR's inspections conducted during the summer and fall of 2012 and includes information submitted by Local Maintaining Agencies pursuant to California Water Code (CWC) Section 9141.

This annual report is intended for use by the U.S. Army Corps of Engineers (USACE), DWR, the Central Valley Flood Protection Board (CVFPB), LMA, and other interested parties.

DWR's Flood Project Integrity and Inspection Branch (FPIIB) conducts two comprehensive levee inspections and one channel and structure inspection each year. FPIIB also conducts erosion inspections in the San Joaquin River system; results can be found in section 5 of this report. DWR completed spring inspections in May 2012, documenting the location, size, type, and rating of maintenance deficiencies while working with the LMAs to assist in planning maintenance activities prior to the flood season. DWR completed annual fall inspections in December 2012, verifying the status of previously noted as well as any additional deficiencies that should be corrected to help ensure adequate performance during the flood season. LMAs conduct inspections in the winter and summer, completing the requirement to conduct four inspections each year. Since project facilities are inspected at least four times each year, there are other inspection reports for different uses (see side bar, Page 1). DWR will report to the CVFPB on inspection activities as requested.

The USACE conducts two inspection programs, Continuing Eligibility Inspections and Periodic Inspections (PI). Both of these inspections look at the condition of the levee less frequently than DWR conducts inspections, but the USACE is able to take more time and do a more thorough inspection. The USACE determines overall ratings differently than DWR. More information can be found in the appendices. The USACE uses the overall ratings from these inspections to determine eligibility in its Rehabilitation and Inspection Program (RIP), known by some as PL 84-99. The USACE inspects and rates areas in an organization determined by the area they protect called systems. This report includes the ratings and eligibility in the RIP for systems that contain portions of each LMA within.

Maintenance Inspection Reporting

2012 Inspection and Local Maintaining Agency Report of the Central Valley State-Federal Flood Protection System. Annual report prepared by DWR based on DWR's fall and summer inspections and information submitted by the LMA - this report. This is the first in its series of combined reports.

San Joaquin River Flood System Erosion Report. Annual report prepared by DWR based on supplemental inspections conducted by FPIIB personnel-this report.

Levee Mile Report. Reports generated from inspections detailing maintenance deficiencies found during the inspection. A Levee Mile Report is generated for each unit and includes photos of some issues noted. These reports are available on the Flood System Inspection page on the California Data Exchange Center's webpage.

Reports to the CVFPB. Verbal presentations by FPIIB outlining inspection activities.

1.2 Purpose and Scope of LMA Reporting Program

Since 2008, LMAs have been reporting to DWR on their maintenance of their Project Levees. DWR prepares the summary results for the CVFPB to meet the requirements of CWC, Section 9141. For the past four years, the program developed annual reports covering only this activity. However, from this year on, this report is combined with inspection program and other reporting programs as per the recommendation of the CVFPB (March 2012 Board meeting).

LMAs submit specific information to DWR by September 30 of each year regarding the levees they operate and maintain. DWR summarizes the information submitted by LMAs in a report format and provides the report to the CVFPB by December 31 of each year. Submissions of information by LMAs include levee conditions and operation and maintenance activities. This information is (1) essential for a comprehensive understanding of the flood protection system in the Central Valley and (2) critical to flood control system evaluation, assessment, and emergency response.

The LMA report is currently being implemented as part of DWR's Flood Emergency Response Program by the Division of Flood Management. California's multi-faceted program, 'FloodSAFE California' is a strategic initiative designed to improve public safety through integrated flood management. FloodSAFE California 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.

1.3 Highlights of Inspection Program for 2012

DWR applied similar inspection criteria and overall rating methodology used in inspections since 2007. Overall the system showed continued maintenance improvements between 2007 and 2010 but more deficiencies were noted in 2011 and 2012 compared to 2010.

- All inspections were completed in 2012. The Inspections Program again overcame continued resourcing challenges resulting from budget restrictions, including the elimination of overtime and flextime.
- The results of the 2012 levee inspections show 41 of the 106 Areas receiving Unacceptable ratings, increasing from 37 in 2011. The number of Areas receiving Acceptable ratings increased from 45 in 2011 to 47 in 2012. The number of Areas receiving Minimally Acceptable ratings decreased from 24 in 2011 to 18 in 2012.
- There was a significant increase in the overall length of deficiencies in 2012 compared to 2011. The overall length of issues increased most significantly in the San Joaquin River Basin, but also in the Sacramento River Basin. The overall increase can be attributed to the significant increase in the lengths of vegetation deficiencies but also crown surface and some animal control deficiencies. Most other categories had lengths similar to last year or slightly decreased. DWR continues to follow USACE inspection criteria for most categories, but uses the Levee Vegetation Management Strategy described in the *2012 Central Valley Flood Protection Plan* and the Urban Levee Design Criteria for vegetation issues.
- The 2012 inspection yielded 17 channels, 40 structures and 11 pumping plants rated as Acceptable; 8 channels and 3 structures rated as Minimally Acceptable; and 1 channel and 1 pumping plant rated as Unacceptable.
- In 2012 the understanding of the responsibilities of the CVFPB and LMAs continues to evolve. As there is no maintaining agency identified for Paradise Dam and NA0006-Eastern Honcut Creek, they are currently unassigned pending a decision by the CVFPB. Other State Plan of Flood Control (SPFC) levees and structures continue to be adjusted and refined through discussions between DWR, the USACE, and the CVFPB.
- Inspection criteria were revised in 2012 to further align with the USACE's current Checklist and Flowchart criteria in many areas. DWR also removed the Partially Obstructing (PO) and Completely Obstructing (CO) ratings previously used and instituted Issue Types of Maintenance, Enforcement, and Design & System Obsolescence. Only issues with Maintenance Types assigned to them will detract from an LMA's overall rating. Issues previously rated PO and CO are now rated as M and U, respectively. For more detailed information regarding the inspection criteria, please see Appendices F and G.
- Inspectors also inspect Central Valley Flood Protection Board permits for compliance with regulations. Inspectors closed 21 permits in 2012.

- In 2012 LMAs were encouraged to use the online LMA Reporting Application to report findings from their summer and winter inspections. Any notes added to issues that DWR inspectors noted are now seen by DWR inspectors in the next inspection cycle and are flagged to call their attention to the information.
- In 2012 DWR added criteria similar to prior years requiring LMAs to have copies of the Operations and Maintenance (O&M) Manual, maintain a supply of Emergency Supplies and Equipment, and be trained and prepared in the event of a high water issue.

In this report detailed analyses of inspection results are included as appendices. Background discussion of the State-federal flood protection system—including relationships between federal, state, and local agencies, and responsibilities outlined in Project O&M Manuals—are also included as an appendix.

Additional FPIIB 2012 highlights:

- FPIIB continued monthly coordination meetings with the USACE to answer questions that both groups have regarding inspections, maintenance practices and recently enacted regulations. The CVFPB and DWR's Flood Maintenance Office continued their significant participation in these meetings during 2012.
- FPIIB staff continued to coordinate with and support the State-federal Flood Operations Center (FOC) in conducting and preparing emergency exercises, assisting in the Flood Fight Methods training, and general preparedness in responding to any flood emergency.
- In 2012 the USACE and its contractors continued to conduct Periodic Inspections. FPIIB coordinated with the LMAs, the CVFPB, and the USACE and its contractors throughout the Periodic Inspection process, primarily in facilitating communication between these entities.
- FPIIB staff assisted during the activation of the FOC for the Winter Storm Event of November/December 2012. Staff assisted in the FOC and in the field.
- FPIIB provided information for the development of the Regional Plans derived from the 2012 Central Valley Flood Protection Plan.

DWR continues to improve its inspection program, undergo activities detailing the maintenance condition of features, and work with the LMAs to help ensure a functional flood protection system.

A copy of this annual report and other related reports have been published on-line at <http://cdec.water.ca.gov/fsir.html>, <http://cdec.water.ca.gov/lma.html> and <http://cvfpb.ca.gov>.

1.4 Highlights of LMA Reporting Program for 2012

LMA reporting program includes a compilation of information received from LMAs on the Project Levees 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 California Water Code (CWC) Sections 9140 and 9141. These 89 LMAs encompass 110 unique geographical areas (called **Areas** hereafter).

Appendices A and B include individual LMA summary profiles who maintain Project Levees along the Sacramento River and San Joaquin River, respectively. Other miscellaneous summary profiles for LMAs that do not maintain Project Levees are located in Appendix C. These profiles include maintenance activities summary reports (known as five part reporting) in addition to other program results like inspection/erosion etc. DWR will use this information to develop critical data to evaluate levees, monitor levee conditions throughout the system, and provide threat assessments (if applicable) to individual LMAs. The information will also be used as an input to its comprehensive FloodSAFE California initiative to improve public safety and manage residual flood risk. The highlights of LMA Reporting Program for 2012 are:

- In this fifth year of required reporting, 91 percent of LMAs representing 93 percent area complied with the reporting requirement. This represents a slight increase of one percent over last year of reporting. LMAs with at least a partial response were considered to have provided reports.

- Only one out of 26 (3.8 percent) areas from San Joaquin System and seven out of 81 (8.6 percent) areas from Sacramento System did not report this year. Further detail on reporting statistics is given in Figure 6-2.
- Since 2008, DWR has been facilitating electronic submission and strongly encouraging LMAs to use LMA Reporting Website. In 2012 about 68 percent of reporting LMAs reported electronically, which is a 16 percent increase over that in 2011. Details of DWR outreach activities for electronic submission and others are provided Figure 6-6.
- Ninety Areas from 78 LMAs reported their maintenance activities for the previous fiscal year, 2011-12. Key reported maintenance activities are vegetation control, rodent/animal control, levee crown grading/access road maintenance, encroachment control, gate or signage maintenance, and seepage control.
- Eighty eight Areas from 78 LMAs reported a summary of their maintenance activities for the current fiscal year, 2012-13. Key reported maintenance activities are vegetation control, Rodent/animal control, levee crown grading/access road maintenance, encroachment control, gate or signage maintenance, and seepage control.
- A number of LMAs provided information on the levee conditions. Key reported issues in terms of total number of reporting Areas who reported the activities are encroachment, erosion/ channel migration/ revetment, in-channel/other vegetation issues, seepage/ sand boil, levee compaction/ settlement/ freeboard; and sedimentation.
- To minimize LMAs burden on reporting, DWR is continuously enhancing and updating the web application. The two programs, inspection and LMA reporting have been integrated for online users. Part 3 of LMA reporting not only allows LMAs to report on this part but also to report on inspection issues that need corrective actions. This enhanced feature is an improvement aimed to reduce LMAs burden on reporting. DWR inspectors see this feedback on the next inspection cycle. Part 3 of individual summary profiles of Appendix A, B, and C highlights LMA's corrected and ongoing corrective actions (wherever available).
- The level of compliance by the LMAs with information submission for this report is less than 100 percent. The quality of reporting for some LMAs are also unsatisfactory. DWR is looking at different measures on how to improve the compliance and the quality of reporting. The LMA Reporting Program is being integrated with other programs in particular the grant programs administered by DWR to improve compliance with the reporting requirement. The grant programs may bring in cost share eligibility criteria that will depend on the performance of the LMAs with the quality of this report submission.
- RD2074 (Sargent-Barnhart Tract) continued to report on their Non-Project Levee in San Joaquin County. The summary of information reported in 2012 is provided in Appendix C.
- Honcut Creek Eastern Area: Due to the absence of a responsible agency, the maintenance of 1.5 miles of Project Levee is not currently assigned to any LMA pending a decision by the CVFPB.

Table 1-1: Summary of Information Reported by LMAs

Table 1-1 provides a summary of the information received by DWR:

Reporting Categories	Reporting Measurement Type	Number of Occurrences
Reporting	LMA's subject to reporting requirements	89
	LMA's submitted reports	78
	Geographical areas subject to reporting requirements	110
	Reports received on geographical areas	102
	Areas reporting information relevant to condition or performance	87
	Areas reporting conditions that might compromise level of flood protection	73
	Areas reporting summary of activities during the previous fiscal year	92
	Areas reporting summary of activities for the current fiscal year	89
	Areas reporting estimate for the current fiscal year	85
	Areas reporting any other readily available information	71
	Maintenance Reported	Areas reporting routine annual vegetation maintenance activities
Areas reporting rodent/animal control activities		62
Areas reporting seepage control activities		4
Areas reporting gate and/or signage maintenance		25
Areas reporting levee crown grading/access road maintenance		51
Areas reporting encroachment control activities		46
Repairs Performed	Areas reporting levee repairs (hole grouting/erosion repair/revetment/rip-rap/slope repair)	24
	Areas reporting minor structure repairs/replacement	24
Levee Conditions Reported	Areas reporting encroachment issues	27
	Areas reporting levee compaction, settlement, or freeboard issues	10
	Areas reporting seepage and sand boil issues	11
	Areas reporting erosion, channel migration, or revetment issues	19
	Areas reporting sedimentation issues	5
	Areas reporting in-channel and other vegetation issues	17

Table 1-2: Non-reporting Local Maintaining Agencies

Although submission of annual reporting to DWR is required by law, several LMAs have not responded to this requirement. Below is a list of non-reporting LMAs in 2012:

Levee District No. 3	Reclamation District No. 556 (Upper Andrus)
Honcut Creek Eastern Area	Reclamation District No. 765 (Glide)
Yolo County Public Works	Reclamation District No. 2031 (Elliot)
Reclamation District No. 369 (Libby McNeil)	Reclamation District No. 2035 (Conaway)

2 2012 LEVEE MAINTENANCE INSPECTION RESULTS

The results of the 2012 levee maintenance inspections show that number of Areas whose ratings changed was small overall, but more LMAs received worse ratings in 2012 than in 2011 than received better ratings. The length of deficiencies noted increased significantly compared to 2011 and 2010. This change may be attributable to the extended rainy season and financial challenges. FPIIB continues to improve the accuracy and usability of its tools and data to inspect and rate Areas. Each Area received one of three possible ratings based on the state of its levees:

- **Acceptable (A)** – No immediate work required, other than routine maintenance. The flood protection project will function as designed and intended with a high degree of reliability, and necessary cyclic maintenance is being performed adequately.
- **Minimally Acceptable (M)** – One or more deficient conditions exist in the flood protection project that needs to be improved or corrected. However, the project will essentially function as designed with a lesser degree of reliability than what the project could provide.
- **Unacceptable (U)** – One or more deficient conditions exist that may prevent the project from functioning as designed, intended, or required.

In 2010 FPIIB introduced an additional rating used to identify individual issues noted during inspections, Acceptable but Monitor and Maintain (A/W). This rating is used to identify issues that are not yet severe enough to be rated as M or U but that should be monitored and maintained to prevent a future deficiency. Issues rated A/W do not impact overall ratings for Areas. The use of this rating is an example of FPIIB's efforts to work with the LMAs to improve the overall maintenance of the system. Appendix F further describes the rating criteria and methodology used for levees.

Table 2-1 and Figure 2-1 show the numbers of Areas receiving each rating for 2007 through 2012. The length of vegetation deficiencies increased significantly compared to 2011, most notably in the San Joaquin River system. There was a significant increase in crown surface issues and a moderate increase in animal control issues. Other categories did not change significantly. Many of the LMAs have expressed limitations due to financial and environmental issues. Some LMAs are severely limited in what money they have been able to collect from residents to perform maintenance. Weather patterns that are different than prior years may also play a factor in the increase in deficiencies.

Table 2-1: Summary of Levee Maintenance Ratings for 2007 through 2012

	2007	2008	2009	2010	2011	2012
A=Acceptable	24	42	51	49	45	47
M=Minimally Acceptable	18	25	25	19	24	18
U=Unacceptable	64	39	30	38	37	41

Ratings for each Area are included in Table 2-2. The number of Areas receiving Unacceptable ratings increased by four, the number of Areas receiving Acceptable ratings increased by two, and the number of Areas receiving Minimally Acceptable

ratings decreased by five.

Despite higher than normal water in some areas during the winter of 2011/2012, the amount of erosion found throughout the system was similar to prior years. DWR is working to implement programs to help allow for and facilitate the repair of these types of issues. DWR also continues to develop and distribute information on how the Sutter and Sacramento Yards are addressing rodent control. DWR and other agencies continue to conduct research into both the potential harm and usefulness of woody vegetation on the levees but are also conducting research into various issues related to rodents in and near levees.

Figure 2-2 shows the number of agencies that received better, unchanged, or worse ratings in 2012 compared with 2011, 2010, 2009, 2008, and 2007. The number of Areas receiving Acceptable ratings increased by two. However the number of Areas rated as Unacceptable increased by 4. The number of Areas rated as Minimally acceptable decreased by six. This is likely due to fluctuations in maintenance and funding as well as the way DWR determines overall ratings. More information can be found in the detailed Levee Mile Reports (LMR) and an explanation of threshold percentages and the determination of overall ratings is located in Appendix F. Despite these changes, Areas continue to generally receive better ratings than in 2007 and 2008.

Vegetation deficiencies make up the majority of deficient levee miles for 2012, followed by a significant amount of crown surface issues. The remainder of deficient miles comes from animal control and other items. Appendix E provides supplemental figures showing further analysis for the two basins and types of deficiencies, including comparisons of the lengths of levee with deficiencies of each category compared each year since 2007.

LMAs may not be able to address some encroachments due to limitations in resources and relationships with the landowners. Inspectors document some of these encroachments and assign an Issue Type of Enforcement to them. This has replaced the method of rating them as PO or CO used in the past. In 2012, 21.62 miles of Unacceptable and 135.27 miles of Minimally Acceptable issues typed as Enforcement were identified. The vast majority of these issues are encroachments with some vegetation. If an issue is the result of how the structure was originally designed and constructed or for other reasons beyond maintenance responsibilities an Issue Type of Design/System Obsolescence may be assigned. In 2012, 0.01 miles of Unacceptable issues and 19.56 miles of Minimally Acceptable issues typed as Design/System Obsolescence were noted. The vast majority of these issues were erosion, mostly along one channel. Issue Types are explained further in Appendix F.

In 2012 DWR brought back several inspection criteria used in the past. These include O&M Manuals, Emergency Supplies and Equipment, and Flood Preparedness and Training. LMAs are required to maintain copies of applicable O&M manuals. DWR has made a collection of these manuals and other applicable documents available to stakeholders at http://cdec4gov.water.ca.gov/public_systems_docs.html. This site has limited access; to request access please contact webmaster@flood.water.ca.gov. LMAs are required to maintain a supply of materials to sustain the initial days of a flood fight. LMAs are encouraged to work with neighboring LMAs to maintain this supply in a central location that serves multiple LMAs. LMAs are also required to have a written, specific flood response plan and an understanding of how to respond during a flood. DWR is working on tools to assist LMAs in the creation of this plan. LMA staff and local residents should also be training in Flood Fight Methods. To schedule this training, please contact Rick Burnett with DWR at (916) 574-1203. More details on these criteria can be found in Appendix G.

A summary report showing the length of maintenance deficiencies noted in 2011 and 2012 for each Area can be found in Appendix H. This report also shows the change in threshold percentage for each of these maintenance deficiency categories. Detailed reports showing the inspections for each Area, including photos, can be found at <http://cdec.water.ca.gov/fsir.html>.

Appendices contain more detailed information on project background, inspection methodology, and inspection results.

Figure 2-1: Summary of Area Maintenance Ratings for 2007 through 2012

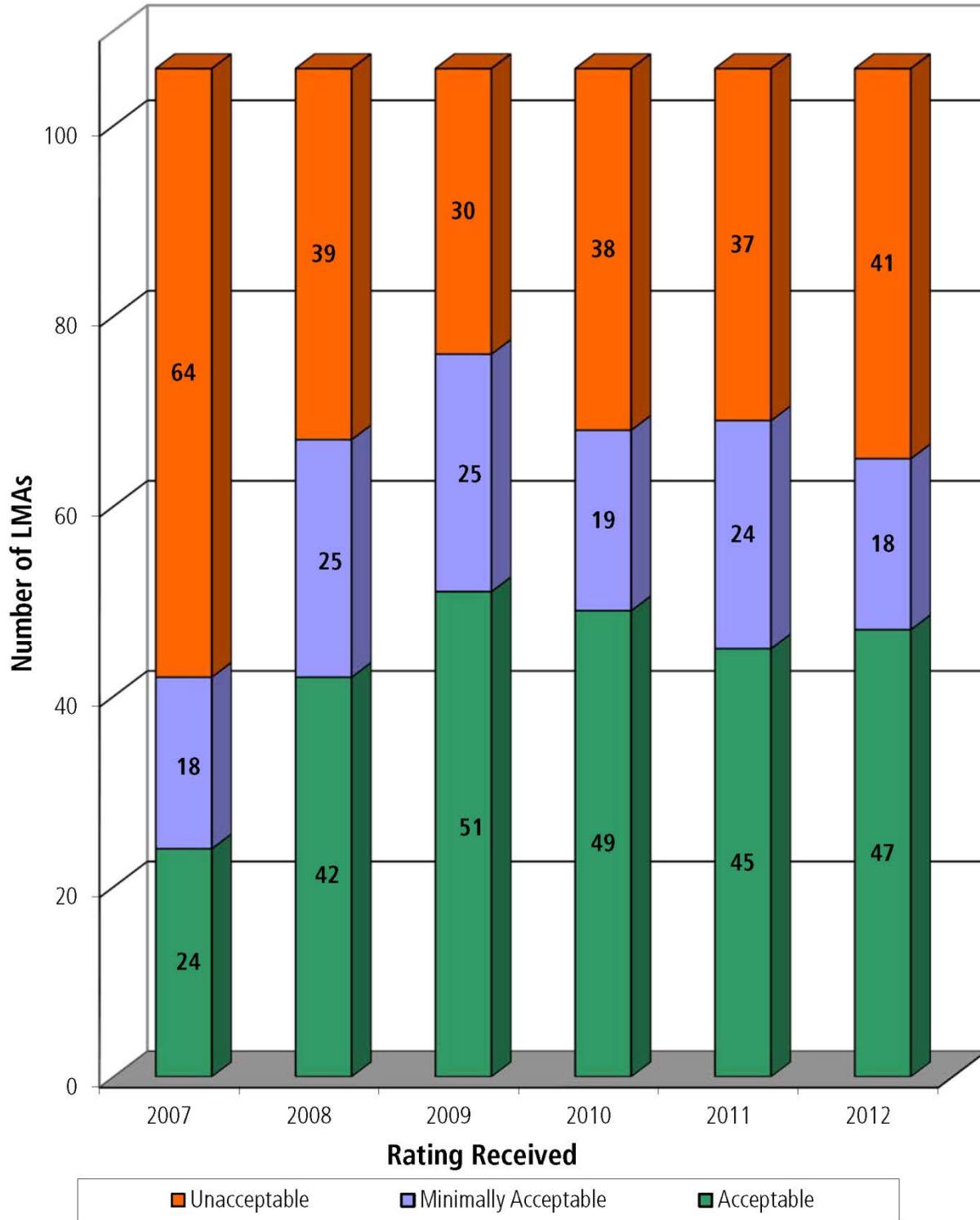


Figure 2-2: Area Maintenance Rating Changes from Fall 2007 to Fall 2012

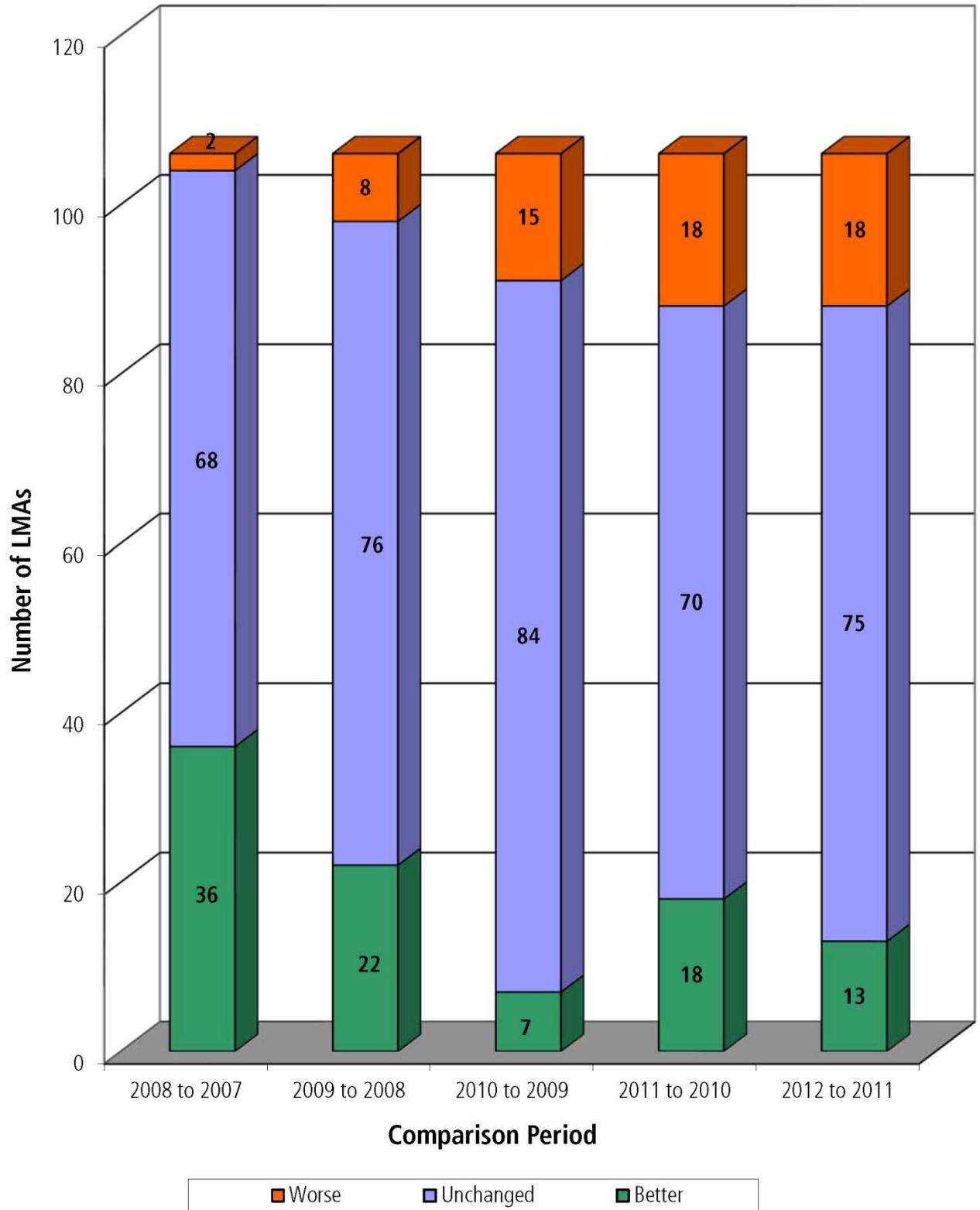


Table 2-2: Overall Maintenance Rating by Geographical Area for 2007 through 2012

Area Short Name	Area Name	2007 Overall Rating	2008 Overall Rating	2009 Overall Rating	2010 Overall Rating	2011 Overall Rating	2012 Overall Rating
LD0001G	Levee District No. 0001G (Glenn County)	U	M	M	U	M	A
LD0001S	Levee District No. 0001S (Sutter County)	M	A	A	M*	A	A
LD0002	Levee District No. 0002	A	A	A	A	A	A
LD0003	Levee District No. 0003	A	A	A	U	U	M
LD0009	Levee District No. 0009	A	A	U	A	A	A
MA0001	Maintenance Area 0001	M	M	A	A†	A	A
MA0003	Maintenance Area 0003	A	A	A	A	A	A
MA0004	Maintenance Area 0004	A	A	A	A	A	A
MA0005	Maintenance Area 0005	M	M*	M*	M*	A	A
MA0007	Maintenance Area 0007	U	A	A	A	A	A
MA0009	Maintenance Area 0009	M	M*	M	M	M	A
MA0012	Maintenance Area 0012	A	A	A	A†	A	A
MA0013	Maintenance Area 0013	A	M*	M*	M*	A	A
MA0016	Maintenance Area 0016	M	M	A	M	M*	A
MA0017	Maintenance Area 0017	U	U	U	U	U	U
NA0001	American River Flood Control District	M	A	A	A	A	A
NA0002	Brannan Andrus Levee Maintenance District	U	U	A	A†	M	M
NA0003	Butte County Public Works	A	A	A	A†	A	A
NA0004	Marysville Levee Commission	M	A	A	A	A	M
NA0005	City of Sacramento	U	A	A	A	A	A
NA0006	Eastern Honcut Creek	U	U	U	U	U	U
NA0008	Knights Landing Ridge Drainage District	U	M	U	A	A	A
NA0009	Lake County Watershed Protection District	M	A	A	A†	A	A
NA0010	Lower San Joaquin Levee District	M	M*	M*	M*	M	U
NA0011	Madera County FCWCA	U	U	U	U	U	U
NA0012	Solano County Public Works (Mellin Levee)	U	U	M	U	A	A
NA0013	Merced Streams Group	U	U	U	U	U	U
NA0014	Murphy Slough at M&T Ranch	U	U	U	U	U	U

Area Short Name	Area Name	2007 Overall Rating	2008 Overall Rating	2009 Overall Rating	2010 Overall Rating	2011 Overall Rating	2012 Overall Rating
NA0015	Plumas County	U	A	A	A†	U	U
NA0016	Sacramento River West Side Levee District	U	M*	M*	M*	A	A
NA0017	San Joaquin County Flood Control and Water Conservation District	U	M*	M	U	M	M
NA0018	California Department of Fish and Game	A	A	A	A†	U	U
NA0019	Tehama County Flood Control and Water Conservation District	U	M	M	A	M	M
NA0020	East-West Interceptor Canal	U	U	U	U	U	U
NA0021	Yolo County Public Works	U	M	U	U	U	U
NA0022	Yolo County Service Area 6	U	M	A	A†	U	U
RD0001	Reclamation District No. 0001	M	A	M	U	A	M*
RD0003	Reclamation District No. 0003	U	U	M*	M*	M*	M*
RD0010	Reclamation District No. 0010	U	U	A	A†	U	M
RD0017	Reclamation District No. 0017	U	U	M*	A	A	M*
RD0070	Reclamation District No. 0070	M	A	A	A†	A	A
RD0108	Reclamation District No. 0108	A	A	A	A†	A	A
RD0150	Reclamation District No. 0150	U	M*	M	M*	A	A
RD0307	Reclamation District No. 0307	U	U	U	U	M	U
RD0341	Reclamation District No. 0341	U	U	A	A†	M*	U
RD0349	Reclamation District No. 0349	U	U	U	U	U	U
RD0369	Reclamation District No. 0369	U	U	A	A	M	U
RD0404	Reclamation District No. 0404	U	U	U	U	M	U
RD0501	Reclamation District No. 0501	U	U	U	U	U	U
RD0524	Reclamation District No. 0524	U	U	U	U	U	U
RD0536	Reclamation District No. 0536	U	U	U	U	U	U
RD0537	Reclamation District No. 0537	U	A	M	U	A	M*
RD0544	Reclamation District No. 0544	U	U	M	U	U	U
RD0551	Reclamation District No. 0551	U	U	A	A†	A	M*
RD0554	Reclamation District No. 0554	U	U	U	U	M	M
RD0556	Reclamation District No. 0556	U	U	U	U	U	U
RD0563	Reclamation District No. 0563	U	U	U	U	U	U
RD0755	Reclamation District No. 0755	U	U	A	U	U	U
RD0765	Reclamation District No. 0765	U	U	U	U	U	U
RD0784	Reclamation District No. 0784	M	A	A	A†	A	M

Area Short Name	Area Name	2007 Overall Rating	2008 Overall Rating	2009 Overall Rating	2010 Overall Rating	2011 Overall Rating	2012 Overall Rating
RD0785	Reclamation District No. 0785	U	A	M	U	U	U
RD0787	Reclamation District No. 0787	A	A	A	A†	A	A
RD0817	Reclamation District No. 0817	U	A	A	A†	M	U
RD0827	Reclamation District No. 0827	U	M	A	U	U	A
RD0900	Reclamation District No. 0900	U	U	M	M	M	U
RD0999	Reclamation District No. 0999	U	U	U	U	U	U
RD1000	Reclamation District No. 1000	A	A	A	A	A	A
RD1001	Reclamation District No. 1001	U	M	M*	M*	M	U
RD1500	Reclamation District No. 1500	M	M*	M*	M*	A	M
RD1600	Reclamation District No. 1600	U	M	A	U	U	U
RD1601	Reclamation District No. 1601	A	A	A	A†	A	A
RD1602	Reclamation District No. 1602	U	U	U	M	U	U
RD1660	Reclamation District No. 1660	A	A	A	A†	A	A
RD2031	Reclamation District No. 2031	U	M*	M*	A	M*	M
RD2035	Reclamation District No. 2035	U	A	A	A†	U	M
RD2058	Reclamation District No. 2058	U	U	U	U	U	A
RD2060	Reclamation District No. 2060	U	M	A	A†	A	A
RD2062	Reclamation District No. 2062	U	M*	U	U	U	U
RD2063	Reclamation District No. 2063	U	U	U	U	U	U
RD2064	Reclamation District No. 2064	U	M	A	A	U	A
RD2068	Reclamation District No. 2068	A	A	A	A†	M	A
RD2075	Reclamation District No. 2075	U	U	M*	M*	M	U
RD2085	Reclamation District No. 2085	U	U	M	U	U	U
RD2089	Reclamation District No. 2089	U	U	U	U	U	U
RD2091	Reclamation District No. 2091	A	A	A	A†	M*	A
RD2092	Reclamation District No. 2092	A	A	A	A†	M*	A
RD2094	Reclamation District No. 2094	U	A	A	A	A	A
RD2095	Reclamation District No. 2095	U	U	M	M*	M*	M
RD2096	Reclamation District No. 2096	A	A	U	M	A	U
RD2098	Reclamation District No. 2098	M	A	A	A†	U	A
RD2101	Reclamation District No. 2101	U	U	U	U	U	U
RD2103	Reclamation District No. 2103	A	M*	A	A†	A	A
RD2104	Reclamation District No. 2104	U	U	U	U	U	U
RD2107	Reclamation District No. 2107	M	A	A	A	A	A

Area Short Name	Area Name	2007 Overall Rating	2008 Overall Rating	2009 Overall Rating	2010 Overall Rating	2011 Overall Rating	2012 Overall Rating
ST0001	Cache Creek	M	M*	M*	M*	M*	M*
ST0002	East Levee Sutter Bypass	M	A	A	A	A	A
ST0003	East Levee Sacramento River	A	A	A	A†	A	A
ST0004	East Levee Yolo Bypass	U	A	A	A†	A	A
ST0005	Hamilton Bend	U	U	U	A	A	A
ST0006	Nelson Bend	U	U	U	U	U	U
ST0007	Putah Creek	M	A	A	A†	M	U
ST0008	Sacramento Bypass	A	A	A	A	A	A
ST0009	Tisdale Bypass	A	A	A	A†	A	A
ST0010	Wadsworth Canal	A	A	A	A	A	A
ST0011	West Levee Yolo Bypass	U	M*	M*	M*	A	A
ST0012	Willow Slough Bypass	A	A	A	A†	A	A

* Overall unit threshold percentage is less than 10.00%; however, U rated miles are present, so the overall unit rating is M instead of A.

† Due to resourcing challenges, this Area did not have inspections completed this year. The rating was assumed to be Acceptable based on the fall 2009 Inspection for the purposes of this report and comparisons to previous years.

3 2012 CHANNEL MAINTENANCE INSPECTION RESULTS

The annual channel maintenance inspections rely upon a qualitative rating system based on the USACE O&M manuals. Existing channel capacities are not evaluated in this report. A single overall rating is assigned to each channel by DWR. The rating designations (A, M, and U) described in Section 2 are also used for channel ratings.

The method for determining overall ratings is described in Appendix B. Table 3-1 and Figure 3-1 show the numbers of each rating for the years 2007 through 2012.

Table 3-1: Summary of Channel Maintenance Ratings for 2007 through 2012

	2007	2008	2009	2010	2011	2012
A=Acceptable	10	24	19	16	16	17
M=Minimally Acceptable	14	1	7	3	9	8
U=Unacceptable	1	0	0	1	1	1
Not Inspected	0	0	0	6	0	0

The number of channels rated as Unacceptable remained at one in 2012 and the number of Minimally Acceptable channels was similar to 2011 at eight. This shows the similarity of maintenance found during inspection in 2012 as prior years. Figure 3-1 shows the progression of maintenance ratings from 2007 through 2012.

Table 3-2 shows individual channel ratings for each LMA.

To see locations of the channels inspected, see Figure 7-1.

A summary of the ratings for each channel, grouped by LMA and including the rated categories for each, can be found in Appendix I. More detailed reports including photos for each channel can be found at <http://cdec.water.ca.gov/fsir.html>.

Figure 3-1: Channel Overall Ratings Comparison 2007 through 2012

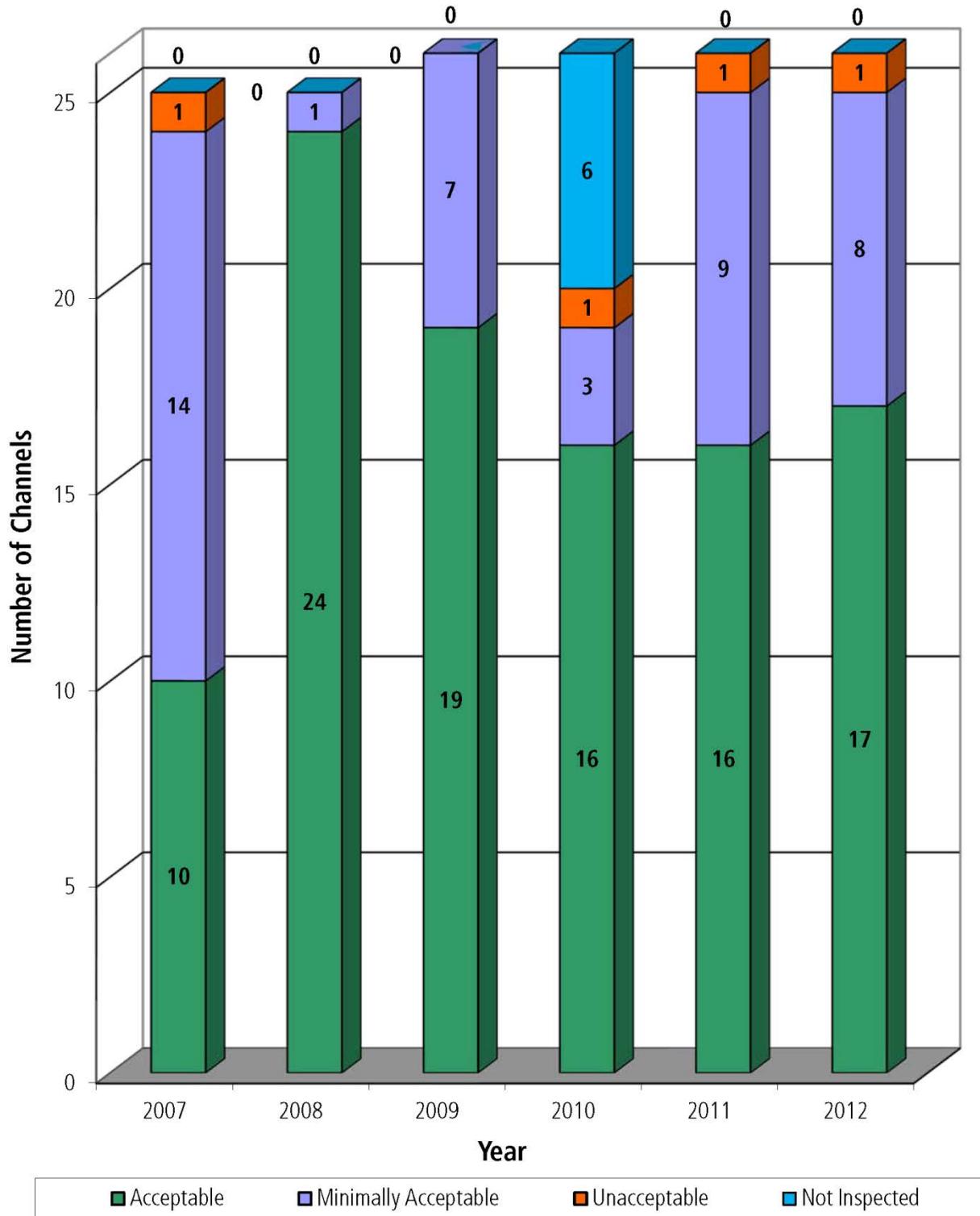


Table 3-2: Overall Channel Maintenance Ratings for 2007 through 2012

Channel	LMA Name	2007 Overall Rating	2008 Overall Rating	2009 Overall Rating	2010 Overall Rating	2011 Overall Rating	2012 Overall Rating
Sacramento River Basin							
Ash Creek	Adin Community Services District	A	A	A	A	A	A
Dry Creek	Adin Community Services District	A	A	A	A	A	A
McClure Creek	Tehama County	M	A	A	A	A	A
Salt Creek	Tehama County	U	A	M	A	A	A
Big Chico Creek	Sutter Maintenance Yard	M	A	M	M	M*	A
Lindo Channel and Sandy Gulch	Sutter Maintenance Yard	M	A	A	A	A	A
Little Chico Creek	Sutter Maintenance Yard	M	A	A	A	M*	A
San Joaquin River Basin							
Bear Creek	Merced Streams Group	M	M	M*	M*	M	M
Black Rascal Creek	Merced Streams Group	M	A	M*	M*	M	M
Burns Creek	Merced Streams Group	A	A	A	U	A	A
Mariposa Creek	Merced Streams Group	M	A	A	A	M	M
Miles Creek	Merced Streams Group	M	A	A	N†	A	A
Owens Creek	Merced Streams Group	M	A	A	N†	A	M
Ash Slough	Madera County FCWCA	M	A	M	N†	A	A
Berenda Slough	Madera County FCWCA	M	A	M	N†	U	U
Chowchilla River	Madera County FCWCA	M	A	M	N†	A	A
Fresno River	Madera County FCWCA	M	A	A	N†	M	M
North Littlejohn Creek	San Joaquin County Flood Control and Water Conservation District	M	A	A	A	A	M
Duck Creek Diversion	San Joaquin County Flood Control and Water Conservation District	A	A	A	A	A	A

Channel	LMA Name	2007 Overall Rating	2008 Overall Rating	2009 Overall Rating	2010 Overall Rating	2011 Overall Rating	2012 Overall Rating
South Littlejohn Creek	San Joaquin County Flood Control and Water Conservation District	A	A	A	A	A	A
South Littlejohn Creek, North Branch	San Joaquin County Flood Control and Water Conservation District	A	A	A	A	A	A
Miscellaneous Basins							
Truckee River	Placer County	A	A	A	A	A	A
Ledgewood Creek	Fairfield-Suisun Sewer District	N/A	N/A	A	A	M*	M
McCoy Creek	Fairfield-Suisun Sewer District	A	A	A	A	M	M*
Laurel Creek	Fairfield-Suisun Sewer District	A	A	A	A	M	A
Union Avenue Diversion	Fairfield-Suisun Sewer District	A	A	A	A	A	A

* Overall channel rating average is less than 0.2; however, U rated issues are present, so the overall rating is M instead of A.

† Due to resourcing challenges, this channel did not have inspections completed in 2010.

4 2012 STRUCTURE MAINTENANCE INSPECTION RESULTS

The types of project structures included in the inspections include fixed crest diversion weirs, controllable diversion structures, outfall structures, drop structures, and interior drainage pumping plants. The rating designations (A, M, and U) described in Section 2 are also used for structure ratings.

Similar to the channel inspections, the method for determining overall ratings is described in Appendix F. Table 4-1 show the numbers of each rating for the years 2007-2012 for all structures. Figure 4-1 and Table 4-2 show ratings for each structure. Figure 4-2 and Table 4-3 show ratings for each pumping plants. The LMAs have generally improved structure maintenance since 2007.

Table 4-1: Overall Structure Maintenance Ratings for 2007 through 2012

	2007	2008	2009	2010	2011	2012
Structures Ratings						
A=Acceptable	32	37	36	36	41	40
M=Minimally Acceptable	9	5	7	7	2	3
U=Unacceptable	1	0	0	0	0	0
Not Inspected	0	0	0	0	0	0
Pumping Plant Ratings						
A=Acceptable	12	12	7	8	12	11
M=Minimally Acceptable	1	1	6	4	0	1
U=Unacceptable	0	0	0	0	1	1
Not Inspected	0	0	0	1	0	0

Most of the structures were found to be in a similar state of maintenance as in 2011 with minor changes observed compared to last year. One of the pumping plants received an Unacceptable rating largely because the pumping plant was not fully accessible for inspection again. The Sutter Bypass Pumping Plants are currently undergoing major improvements. The Knights Landing Outfall is also undergoing major repairs while Sutter Bypass (East Borrow Pit) Weir #2 is being replaced with a new structure.

Tables 4-2 and 4-3 show individual structure ratings for each LMA.

Locations of the structures inspected can be found on Figure 7-1.

A summary of the ratings for each structure, grouped by LMA and including the rated categories for each, can be found in Appendix J. A similar report for pumping plants can be found in Appendix K. More detailed reports, including photos for each structure, can be found at <http://cdec.water.ca.gov/fsir.html>.

Figure 4-1: Comparison of Overall Structure Ratings from 2007 through 2012

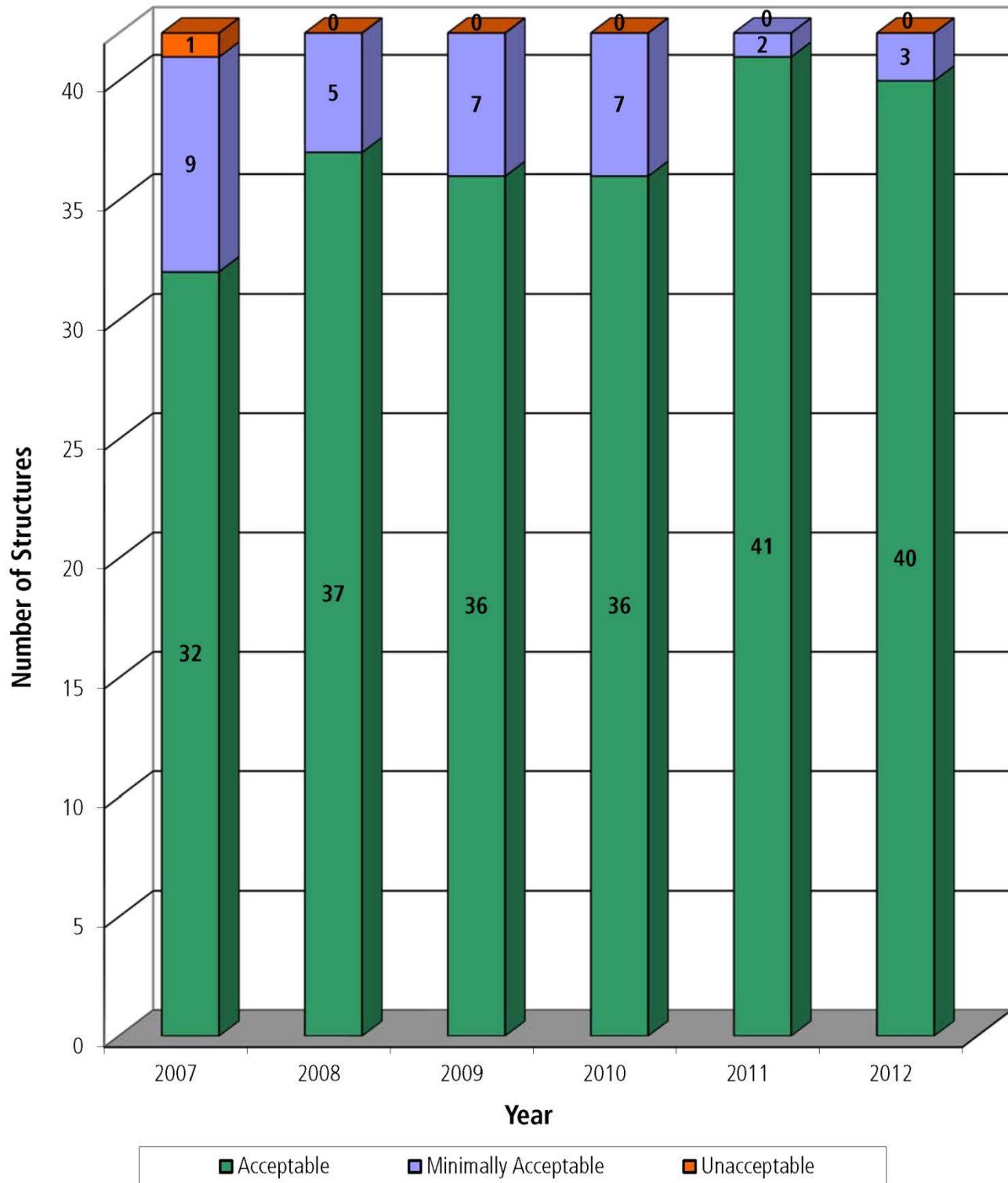


Figure 4-2: Comparison of Overall Pump Plant Ratings from 2007 through 2012

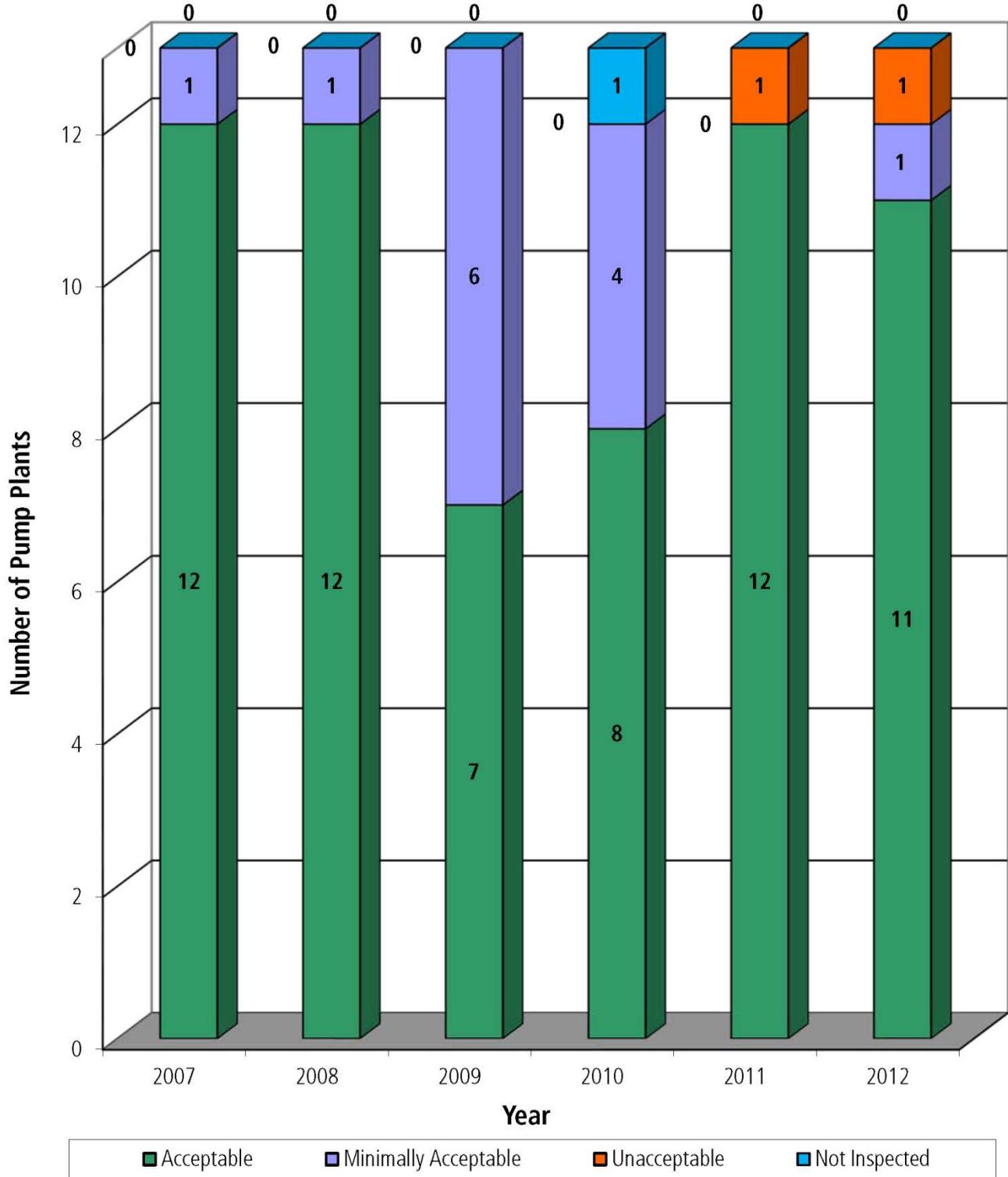


Table 4-2: Overall Structure Ratings for 2007 through 2012

Structure	LMA Name	2007 Overall Rating	2008 Overall Rating	2009 Overall Rating	2010 Overall Rating	2011 Overall Rating	2012 Overall Rating
Sacramento River Basin							
Big Chico Creek Control Structure	Butte County Public Works	A	A	A	A	A	A
Lindo Channel Control Structure	Sutter Maintenance Yard	M	A	A	A	A	A
Lindo Channel Diversion Weir	Sutter Maintenance Yard	M	A	A	A	A	A
El Camino Bridge	City of Sacramento	N/A	N/A	A	A	A	A
North Fork Feather River Diversion Channel Drop Structures (1 thru 7)	Plumas County	A	A	A	A	A	M
North Fork Feather River Diversion Structure	Plumas County	A	A	A	A	A	A
Elk Slough Inlet Structure	Reclamation District 999	A	A	A	A	A	A
Cache Creek Settling Basin Weir & Drainage Structure	Sacramento Maintenance Yard	A	A	A	A	A	A
Fremont Weir	Sacramento Maintenance Yard	A	A	A	A	A	A
Knights Landing Outfall Structure	Sacramento Maintenance Yard	A	A	A	A	A	A
Sacramento Weir	Sacramento Maintenance Yard	A	A	A	A	A	A
Butte Slough Drainage Structure	Sutter Maintenance Yard	M	M	A	A	A	A
Butte Slough Outfall Structure	Sutter Maintenance Yard	A	A	A	A	A	A
Colusa Weir	Sutter Maintenance Yard	A	A	A	A	A	A
Little Chico Creek Control & Weir Structure	Sutter Maintenance Yard	A	A	A	A	A	A
Moulton Weir	Sutter Maintenance Yard	A	A	A	A	A	A
Nelson Bend (Rock Quarry Weir)	Sutter Maintenance Yard	A	A	A	A	A	A
Sutter Bypass (East Borrow Pit) Weir #2	Sutter Maintenance Yard	A	A	A	A	A	A

Structure	LMA Name	2007 Overall Rating	2008 Overall Rating	2009 Overall Rating	2010 Overall Rating	2011 Overall Rating	2012 Overall Rating
Tisdale Weir	Sutter Maintenance Yard	A	A	A	A	A	A
Wadsworth Canal Weir # 4	Sutter Maintenance Yard	A	A	A	A	A	A
Clover Creek Diversion Structure	Lake County Watershed Protection District	U	M	M	M	M	A
Highland Canal Diversion Weir & Drainage Structure	Lake County Watershed Protection District	M	A	A	A	A	A
San Joaquin River Basin							
Ash Slough Drop Structure #1	Lower San Joaquin Levee District	A	A	A	A	A	A
Ash Slough Drop Structure #2	Lower San Joaquin Levee District	A	A	A	A	A	A
Ash Slough Drop Structure #3	Lower San Joaquin Levee District	M	A	A	A	A	A
Ash Slough Drop Structure #4	Lower San Joaquin Levee District	A	A	M	M	A	A
Bear Creek Diversion Structure	Lower San Joaquin Levee District	A	A	A	A	A	A
Eastside Bypass Control Structure	Lower San Joaquin Levee District	A	A	A	A	A	A
Eastside Bypass Drop Structure #1	Lower San Joaquin Levee District	A	A	A	A	A	A
Eastside Bypass Drop Structure #2	Lower San Joaquin Levee District	A	A	A	A	A	A
Fresno River Drainage Structure	Lower San Joaquin Levee District	M	A	A	A	A	A
Mariposa Bypass Control Structure	Lower San Joaquin Levee District	A	A	A	A	A	A
Mariposa Bypass Drop Structure	Lower San Joaquin Levee District	A	A	A	A	A	A
Owens Creek Control Structure	Lower San Joaquin Levee District	M	A	M	M	M	A
Owens Creek Overflow Structure	Lower San Joaquin Levee District	A	A	A	A	A	A
San Joaquin River & Chowchilla Canal Bypass Control Structure	Lower San Joaquin Levee District	A	A	A	A	A	A

Structure	LMA Name	2007 Overall Rating	2008 Overall Rating	2009 Overall Rating	2010 Overall Rating	2011 Overall Rating	2012 Overall Rating
San Joaquin River Structure & Sand Slough Structure	Lower San Joaquin Levee District	A	A	M	M	A	A
Ash & Berenda Slough Control Structure	Madera County FCWCA	A	A	A	A	A	A
Fresno River Diversion Weir	Madera County FCWCA	A	M	A	A	A	A
Black Rascal Creek Drop Structure	Merced Streams Group	A	A	M	M	A	A
Owens Creek Siphon Structure	Merced Streams Group	M	M	M	M	M*	M
Paradise Dam	Sacramento Maintenance Yard	M	M	M	M	M	M
Duck Creek Diversion Weir & Control Structure	San Joaquin County Flood Control and Water Conservation District	A	A	A	A	A	A

* Overall structure rating average is less than 0.2; however, U rated issues are present, so the overall rating is M instead of A.

Table 4-3: Overall Pumping Plants Ratings for 2007 through 2012

Pumping Plant	LMA Name	2007 Overall Rating	2008 Overall Rating	2009 Overall Rating	2010 Overall Rating	2011 Overall Rating	2012 Overall Rating
Magpie Creek	City of Sacramento	A	A	A	N†	A	A
Reclamation District 2063 Pumping Plant (Nelson Drain)	Reclamation District 2063	M	A	M	M	U	U
Wetherbee Lake Pumping Plant & Navigation Gate	Reclamation District 2096	A	A	M	A	A	M
American River Pumping Plant #1	Sacramento County	A	A	A	A	A	A
American River Pumping Plant #2	Sacramento County	A	A	A	A	A	A
Mormon Slough #1	San Joaquin County Flood Control and Water Conservation District	A	A	A	A	A	A
Mormon Slough #2	San Joaquin County Flood Control and Water Conservation District	A	A	A	A	A	A
Mormon Slough #3	San Joaquin County Flood Control and Water Conservation District	A	A	A	A	A	A
Middle Creek	Sutter Maintenance Yard	A	M	M	A	A	A
Sutter Bypass #1	Sutter Maintenance Yard	A	A	M	M	A	A
Sutter Bypass #2	Sutter Maintenance Yard	A	A	M	M	A	A
Sutter Bypass #3	Sutter Maintenance Yard	A	A	M	M	A	A
Gomes Lake	Turlock Irrigation District	A	A	A	A	A	A

* Overall structure rating average is less than 0.2; however, U rated issues are present, so the overall rating is M instead of A.

† Due to resourcing challenges, this structure did not have an inspection completed in 2010.

5 SUPPLEMENTAL EROSION SURVEY OF THE SAN JOAQUIN RIVER SYSTEM

5.1 Purpose

Since 2006, the Department of Water Resources' Flood Project Integrity and Inspection Branch has conducted the supplemental erosion survey of the San Joaquin River Flood Control System (SJRFCS) to assist in the documentation and monitoring of erosion sites. The specific purpose of the Supplemental Erosion Surveys of the SJRFCS is to: a) inspect the waterside levee for erosion activity, b) document and report new erosion sites, c) document and report current condition of previously identified erosion sites, and d) rank the severity of erosion sites based upon the findings from the field survey. For the purposes of this report an erosion site is defined as a site where substantial ground loss associated with erosion has been observed and documented and where the integrity of the levee may be at risk of an erosion failure during floods or normal flow conditions.

5.2 Highlights

- In 2012, supplemental erosion surveys show that 37 of the 52 previously identified erosion sites remain unchanged. Three of the existing sites, in RD 2101 at river mile 73.92, RD2085 at river mile 66.50, and in RD404 at river mile 40.86, show significant development in erosion condition. Of the three, erosion site in RD 2101 at river mile 73.92 is in critical condition.
- Among the 52 surveyed existing erosion sites, six sites were repaired prior to the last survey and their performance were evaluated. Seven sites were found to be repaired and are being monitored.
- Forty-five new erosion sites were documented this year, 19 on San Joaquin River, 23 on Mormon Slough, and 3 on Old River. None of these new sites appear to be in a critical condition. All the newly documented sites on Mormon Slough are on the left bank where only high ground exists. These erosions appear to be old sites and are documented this year just for monitoring the inspection accessibility. Most of new sites on San Joaquin River and Old River can be attributed to the weakened levee slope stability or irrigation leaks, instead of being caused by the high flows in the past flooding season.
- FPIIB updated the erosion inventory database by adding survey details.
- FPIIB improved erosion sites ranking criteria and methodology to make them more consistent and comparable. The new set of criteria and methodology is anticipated to be used in supplemental erosion report of 2013.

5.3 Results

The results of the 2012 supplemental erosion survey continue to show that many local agencies have made significant improvements since 2006. Twenty-seven previously identified erosion sites have been repaired and a few more are in the planning stages of repair. Erosion sites unchanged from the previous year or newly documented sites were given one of two possible ratings based on the condition of the site:

- **Minimally Acceptable (M)** – A site that requires annual assessment and monitoring, as it may become a serious levee deficiency in the near future.
- **Unacceptable (U)** – A site that may require immediate attention and corrective action, as it may be a serious levee deficiency that can fail during normal flow or in the next high water event.

Appendix F contains information on the inspection criteria and rating methodology. Table 5-1 shows the numbers of erosion sites receiving each rating in 2012. A summary of the status and ratings, including photos for each erosion site, can be found in Appendix L.

Table 5-1: Summary of Erosion Site Status and Rating for 2012

	Number of Erosion Sites
M=Minimally Acceptable	39
U=Unacceptable	44
Sites Repaired Since 2011	13
Sites Not Rated	2

Table 5-2 shows individual ratings for each erosion site. Most of the erosion sites were in a similar condition as in previous years. Some of these sites are in the process of being addressed within the following years. While the number of erosion sites rated as U remains high, many of the previously identified sites have since been repaired by local agencies and DWR.

Table 5-2: Erosion Site Ratings by LMA for 2012

LMA Short Name	LMA Name	Site ID	Normalized Score	Overall Rating
NA0011	Madera County FCWCA	NA0011U01RM2.57	55	M
NA0011	Madera County FCWCA	NA0011U01RM3.8	55	M
NA0013	Merced Streams Group	NA0013U03RM1	58	M
NA0013	Merced Streams Group	NA0013U03RM1.25	51	M
NA0013	Merced Streams Group	NA0013U04RM0.21	48	M
NA0013	Merced Streams Group	NA0013U04RM0.42	48	M
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U15RM0.86	65	U
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U16RM11.81	62	U
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U16RM12.95	62	U
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U16RM13.53	58	M
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U16RM13.72	62	U
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U16RM13.86	62	U
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U16RM14.48	46	M
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U16RM16.27	70	U
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U16RM17.99	58	M
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U16RM18.69	66	U

LMA Short Name	LMA Name	Site ID	Normalized Score	Overall Rating
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U16RM19.18	53	M
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U16RM19.23	58	M
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U16RM19.28	60	U
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U16RM20	65	U
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U16RM20.62	62	U
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U16RM20.71	59	U
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U16RM21.05	62	U
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U16RM21.94	49	M
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U16RM21.95	57	M
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U16RM22.01	57	M
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U16RM22.15	46	M
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U16RM22.58	55	M
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U16RM22.74	62	U
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U16RM23.35	74	U
RD0001	Reclamation District No. 0001	RD0001U01RM31.4	67	U
RD0017	Reclamation District No. 0017	RD0017U02RM44.32	67	U
RD0017	Reclamation District No. 0017	RD0017U02RM45.97	53	M
RD0017	Reclamation District No. 0017	RD0017U02RM46.73	59	U
RD0404	Reclamation District No. 0404	RD0404U01RM40.86	59	U
RD0404	Reclamation District No. 0404	RD0404U01RM41.11	64	U
RD0404	Reclamation District No. 0404	RD0404U01RM41.22	66	U
RD0404	Reclamation District No. 0404	RD0404U01RM41.23	64	U
RD0524	Reclamation District No. 0524	RD0524U01RM40.99	60	U
RD0524	Reclamation District No. 0524	RD0524U01RM41.39	60	U

LMA Short Name	LMA Name	Site ID	Normalized Score	Overall Rating
RD0524	Reclamation District No. 0524	RD0524U01RM41.5	57	M
RD0524	Reclamation District No. 0524	RD0524U01RM41.58	64	U
RD0524	Reclamation District No. 0524	RD0524U01RM41.79	74	U
RD0524	Reclamation District No. 0524	RD0524U01RM41.92	69	U
RD0524	Reclamation District No. 0524	RD0524U01RM42.03	62	U
RD0524	Reclamation District No. 0524	RD0524U01RM42.2	66	U
RD0524	Reclamation District No. 0524	RD0524U01RM42.79	58	M
RD0524	Reclamation District No. 0524	RD0524U01RM42.93	77	U
RD0524	Reclamation District No. 0524	RD0524U01RM43.23	55	M
RD0524	Reclamation District No. 0524	RD0524U01RM43.52	57	M
RD0524	Reclamation District No. 0524	RD0524U01RM44.13	71	U
RD0524	Reclamation District No. 0524	RD0524U01RM45.07	68	U
RD0524	Reclamation District No. 0524	RD0524U01RM45.27	57	M
RD0524	Reclamation District No. 0524	RD0524U01RM46.12	51	M
RD0524	Reclamation District No. 0524	RD0524U01RM46.39	60	U
RD0544	Reclamation District No. 0544	RD0544U01RM48.81	59	U
RD0544	Reclamation District No. 0544	RD0544U01RM49.67	66	U
RD0544	Reclamation District No. 0544	RD0544U02RM32.91	62	U
RD0544	Reclamation District No. 0544	RD0544U02RM33.21	70	U
RD2031	Reclamation District No. 2031	RD2031U01RM0.48	47	M
RD2058	Reclamation District No. 2058	RD2058U01RM1.78	48	M
RD2058	Reclamation District No. 2058	RD2058U01RM3.97	48	M
RD2062	Reclamation District No. 2062	RD2062U01RM54.14	51	M
RD2062	Reclamation District No. 2062	RD2062U02RM1.94	51	M
RD2062	Reclamation District No. 2062	RD2062U02RM2.14	42	M
RD2062	Reclamation District No. 2062	RD2062U03RM29.93	66	U
RD2062	Reclamation District No. 2062	RD2062U03RM30.02	52	M
RD2062	Reclamation District No. 2062	RD2062U03RM30.1	57	M
RD2062	Reclamation District No. 2062	RD2062U03RM30.19	69	U
RD2062	Reclamation District No. 2062	RD2062U03RM30.27	56	M
RD2062	Reclamation District No. 2062	RD2062U03RM30.43	60	U
RD2062	Reclamation District No. 2062	RD2062U03RM31.12	52	M
RD2062	Reclamation District No. 2062	RD2062U03RM31.28	47	M

LMA Short Name	LMA Name	Site ID	Normalized Score	Overall Rating
RD2075	Reclamation District No. 2075	RD2075U01RM64.34	57	M
RD2085	Reclamation District No. 2085	RD2085U01RM66.50	59	U
RD2089	Reclamation District No. 2089	RD2089U01RM29.61	63	U
RD2089	Reclamation District No. 2089	RD2089U01RM29.8	53	M
RD2089	Reclamation District No. 2089	RD2089U02RM28.35	59	U
RD2095	Reclamation District No. 2095	RD2095U01RM6.74	55	M
RD2095	Reclamation District No. 2095	RD2095U01RM6.88	59	U
RD2095	Reclamation District No. 2095	RD2095U02RM60.62	58	M
RD2095	Reclamation District No. 2095	RD2095U02RM60.69	58	M
RD2101	Reclamation District No. 2101	RD2101U01RM73.92	65	U

6 LMA REPORTING REQUIREMENTS (CWC SECTIONS 9140-9141)

Background

California Assembly Bill (AB) 156 (Laird, 2007) Flood Control was introduced in the 2007-2008 Legislative Session. Governor Schwarzenegger signed the bill and Secretary of State Bowen 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 LMAs CWC Sections 9140-9141 imposed a state-mandated local program effective July 1, 2008.

Local Maintaining Agency Reports

LMAs (including Sacramento and Sutter Maintenance Yards) are required to submit a report about the O&M 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.

To aid LMAs with the reporting requirements, DWR developed electronic and hard copy reporting forms. Example of hard copy 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 of Non-Project Levees may voluntarily submit their operation and maintenance information to DWR for inclusion in the Annual Report. Information received from Non-Project Levee maintainers is included in Appendix C.

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 information received from LMAs, as well as relevant portions of any of the following documents as determined by DWR:

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:

CWC Section	Topic
Chapter 9, Article 1, Section 9110	Selected Definitions
Chapter 9, Article 1, Section 9140	Local Reports

Selected CWC 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

"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 assurances of nonfederal cooperation to the United States, and those facilities identified in Section 8361.

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

1. The SPFC Descriptive Document.
2. The Flood Control System Status Report (FCSSR).
3. The schedule for mapping described in CWC Section 8612.
4. Any correspondence, documentation, or information deemed relevant by DWR.

CWC Sections 9140 - 9141 Reporting Timelines

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

The following sections provide a status of the other documents, reports, and information mentioned above.

- **Annual Inspection Report:** The Annual Inspection Report on LMA maintenance is combined in this report.
- **The SPFC Descriptive Document:** The SPFC Descriptive Document was released in November, 2010. The document contains descriptions of flood management facilities, lands, programs, conditions, and mode of O&M for the State-federal flood protection system in the Sacramento River and San Joaquin River watersheds. The report describes the existing system, but it is not a plan for the future. The document is available for download from the CVFMP website: <http://www.water.ca.gov/cvfmp/documents.cfm>.
- **The FCSSR:** The FCSSR was released in December, 2011. This document describes the current status (physical condition) of SPFC facilities at a system-wide level. DWR prepared the FCSSR to meet the legislative requirements of CWC Section 9120, and to contribute to development of the Central Valley Flood Protection Plan (CVFPP). The CVFPP will guide future State investments through projects to address identified problems in the SPFC. The FCSSR was delivered to the CVFPB in December 2011. DWR will periodically update the FCSSR, or following formal request of the CVFPB. The document is available for download from the CVFMP website: <http://www.water.ca.gov/cvfmp/documents.cfm>.
- **The schedule for Mapping:** The mapping initiative as described in CWC Section 8612 is part of DWR's Central Valley Floodplain Evaluation and Delineation Program (CVFED). The CVFED Program works to estimate the frequency, depth, and limits of potential flooding in the Central Valley by providing building blocks in terms of floodplain assessments, standards, methodologies, tools, and analyses supporting multiple applications including FloodSAFE programs and projects and Federal Emergency Management Agency's (FEMA) National Flood Insurance Program. The CVFED Program consists of three interrelated Projects: (1) Central Valley Topography Acquisition Project, (2) Central Valley Hydraulic Evaluation Project, and the (3) Central Valley Floodplain Delineation Project.

Regarding Project (1), CVFED has finalized secondary post-processed LiDAR topography covering the Upper San Joaquin Basin (2,150 sq miles). This completes the final post-processing of LiDAR topography for the entire CVFED study area (5,800 sq miles). These datasets are now available for use by public agencies. Regarding Project (2), Reach and system riverine and overland flow hydraulic models are in development for areas at risk of flooding within the SPFC area of influence, and are expected to be complete in 2012. Regarding Project (3), the CVFED program is currently working to develop the models and tools necessary to produce these informational maps for the Urban Areas identified in the CVFPP State Systemwide Investment Approach by the July 2, 2013 deadline pursuant to Senate Bill 1278, Chaptered September 25, 2012 which amended Section 9610 (d) (1) of the Water Code.

6.1 Agencies Subject to CWC Section 9140 Requirements

Local Maintaining Agencies Subject to the Reporting Requirements

Most Project Levees of the Sacramento and San Joaquin Flood Control Systems are maintained by LMAs and the maintenance activities are funded through assessment of landowner’s properties within LMAs’ boundaries. These LMAs are comprised of **Levee Districts** (LD) and **Reclamation Districts** (RD). A variety of cities, counties, and other public agencies and municipalities also maintain Project Levees; these agencies are identified in this report by the term **Named Areas** (NA).

State-Maintained Levees

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

More Information on LMAs from the CWC	
Type of Agency Section	CWC
Levee Districts	70000
Reclamation Districts	50000
State Maintained Areas	8361
Maintenance Areas	12878

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 of their own volition. There are currently 10 active MAs in the state, all within the jurisdictional boundaries of the CVFPB. Based on their location, levees within MAs are maintained by either the Sacramento or Sutter Maintenance Yards.

6.2 Use of the LMA Reporting by DWR

The information collected for the LMA Report shares a local understanding of system performance, as well as operation and maintenance practices. This important information contributes to an annual assessment of vulnerability of the flood control system prior to flood season and can be shared with emergency response partners to make sure that appropriate steps are taken for resource monitoring efforts and emergency operations. Providing detailed information about the location and extent of critical levee distresses is essential to the flood preparedness activities that ensure timely and appropriate response for flood emergencies.

The information submitted in Parts 1 and 2 of the five part reporting program provides critical information for emergency response before flood season to better prepare the first responders. Part 3 provides an opportunity for DWR to assess the current maintenance practices by LMAs throughout the year, in particular during summer and winter. Part 4 provides information on LMAs’ planned budgets for the next fiscal year. This information particularly helps DWR to evaluate LMAs’ operation and maintenance costs per levee mile.

Finally, the LMAs provide valuable information about the current conditions of the levees in flood control system. DWR uses this information to develop critical data to evaluate levees, monitor levee conditions, and provide input to emergency response programs to improve public safety. The level of compliance with this report may be used to determine cost share eligibility criteria between the State and LMAs for new and future grant programs by DWR. DWR continues to provide information to the LMAs about this concept.

Reporting Statistics

There is an increasing trend (Figure 6.1) of reporting compliance by LMAs since the program started in 2008. Systemwide comparison of reporting compliance (Figure 6.2) shows about 90% LMAs belonging to SAC System and 96% belonging to SJ system have reported in last two years. In the overall, about 93% of LMA Areas submitted their report this year. An increasing trend of electronic reporting is apparent in Figure 6-3. This year about 68% LMA Areas submitted report through DWR’s Web-based LMA Reporting tool. This represents about 16% increase over last year’s electronic reporting. This could

be attributed to continuous outreach activities and continuous enhancement of reporting infrastructure development since the inception of the Program.

Figure 6-1 Annual Reporting Compliance by LMAs

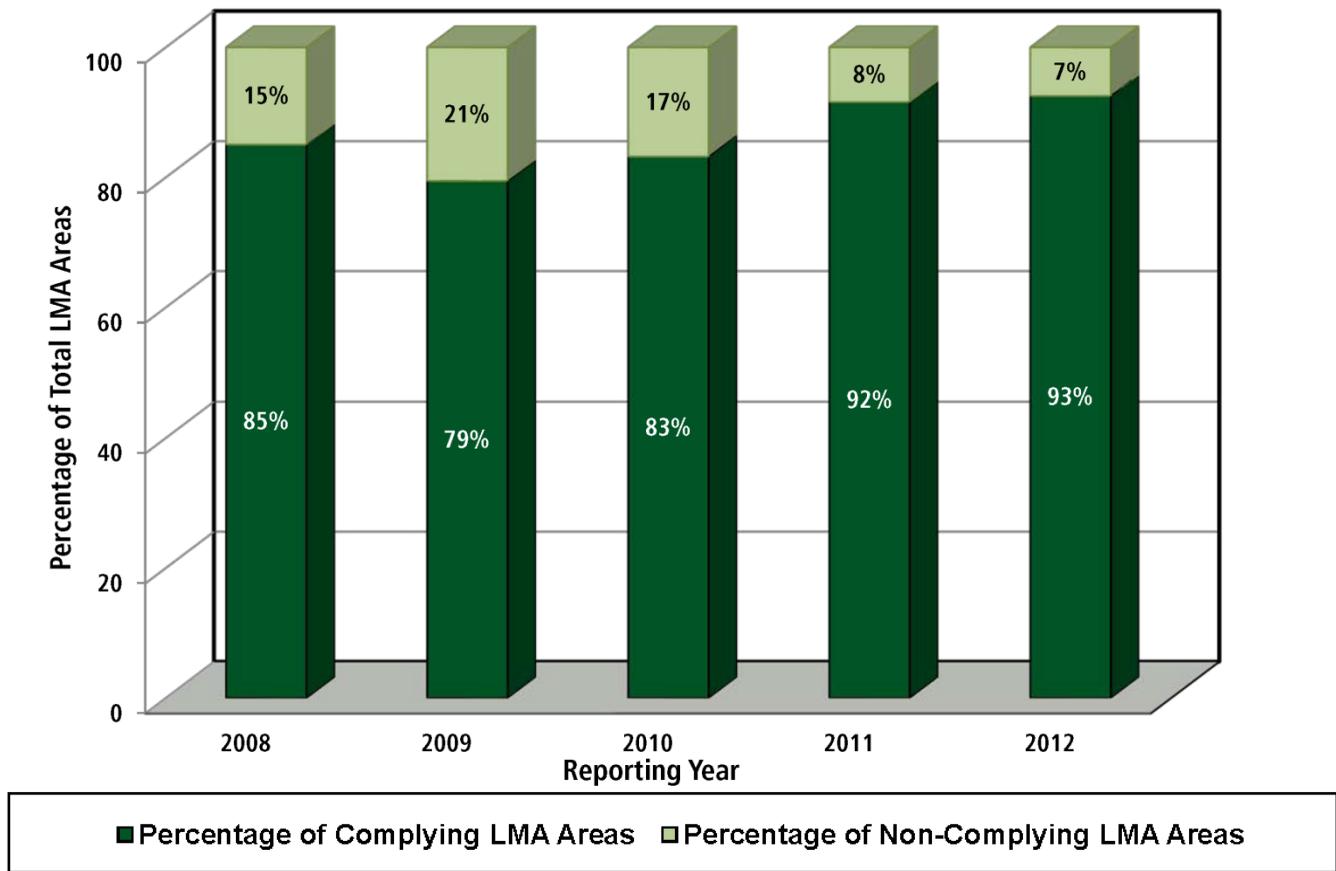


Figure 6-2 Systemwide Comparison of Reporting Compliance by LMAs

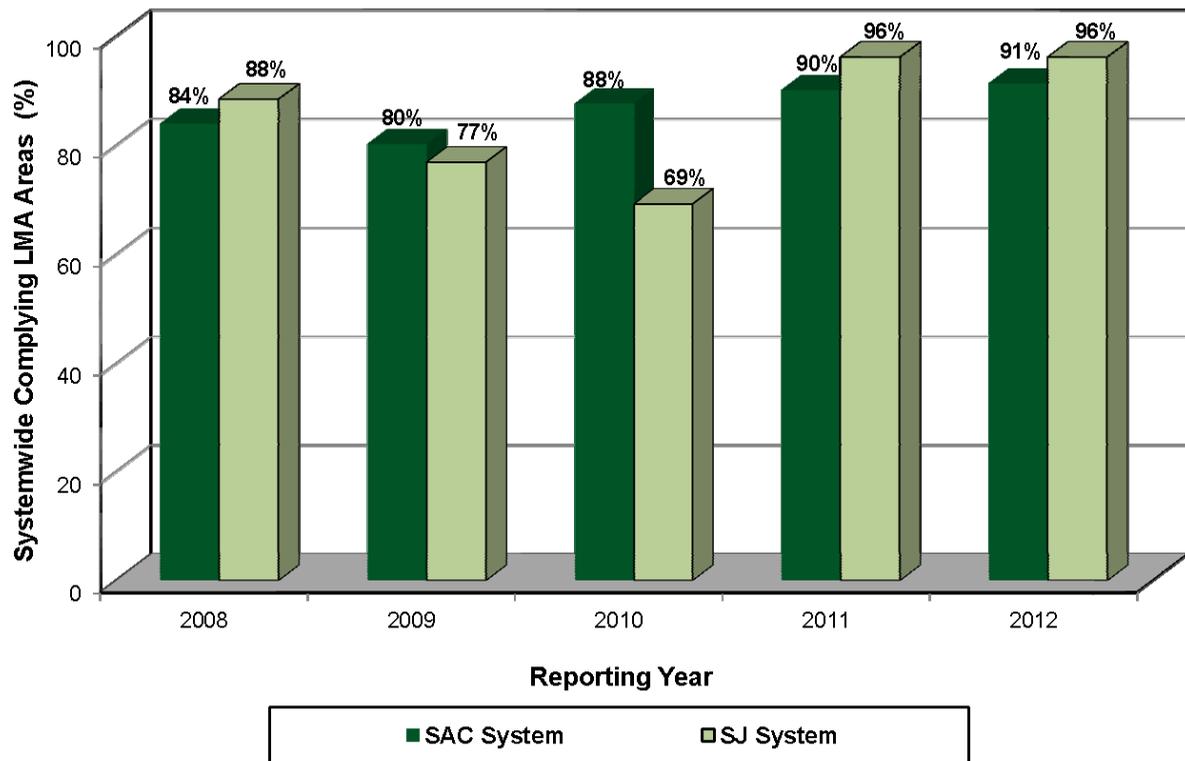
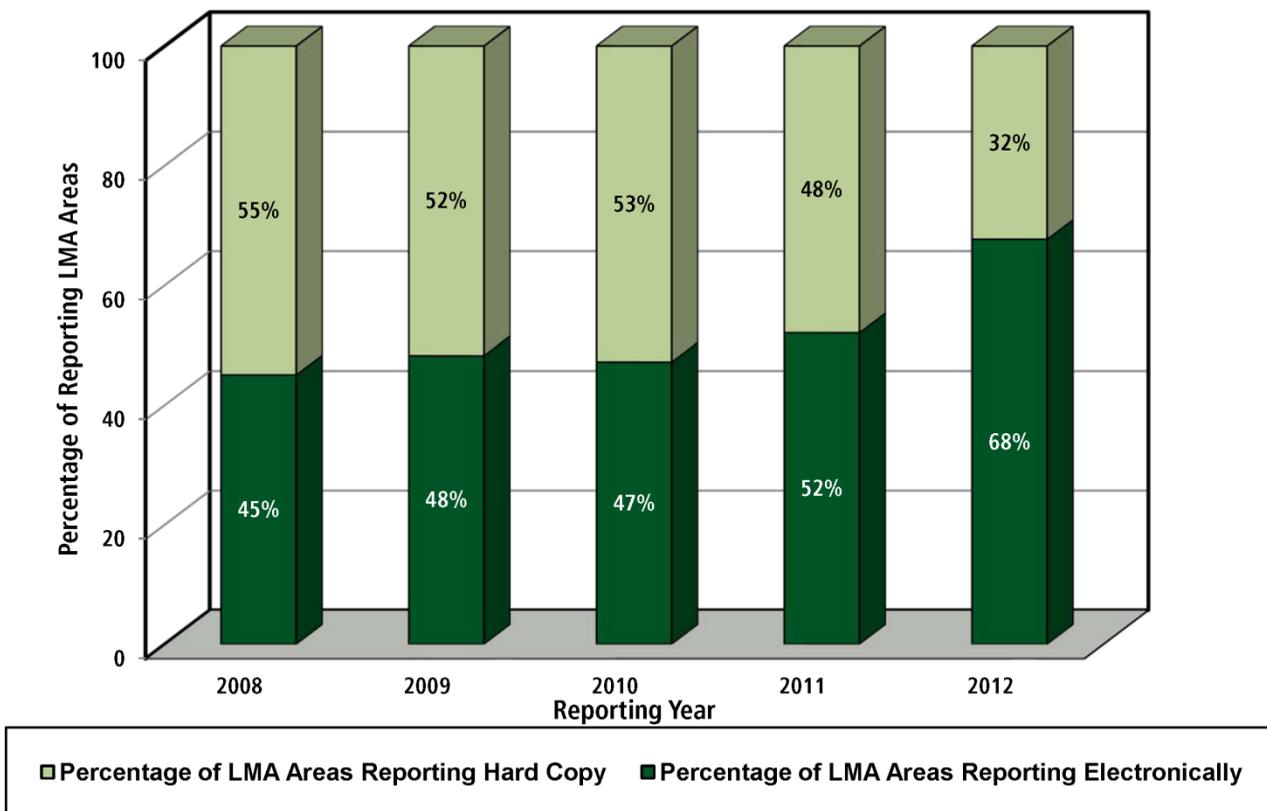


Figure 6-3 Reporting Mode Adopted by LMAs



Reported Key Maintenance Activities

About 90% of reporting LMA Areas provided information on the summary of maintenance activities. As in previous years, routine vegetation maintenance activities (burning, slope dragging, cutting, trimming, spraying), rodent control, levee crown grading, roadway maintenance and encroachment (Figure 6.4) dominated reported LMA maintenance activities for fiscal year 2011-12. Other reported key activities include gate/signage maintenance, minor structural repairs, and minor levee repairs. Some LMAs also reported levee patrolling and other planning activities such as preparation of five year maintenance plans.

A similar percent of reporting LMA Areas also provided information on the summary of maintenance activities for the current fiscal year. The reported planned activities also reflect LMAs' similar maintenance priorities (Figure 6.5) in the current fiscal year also.

Figure 6-4 Reported Key Activities for Fiscal Year 2011-2012

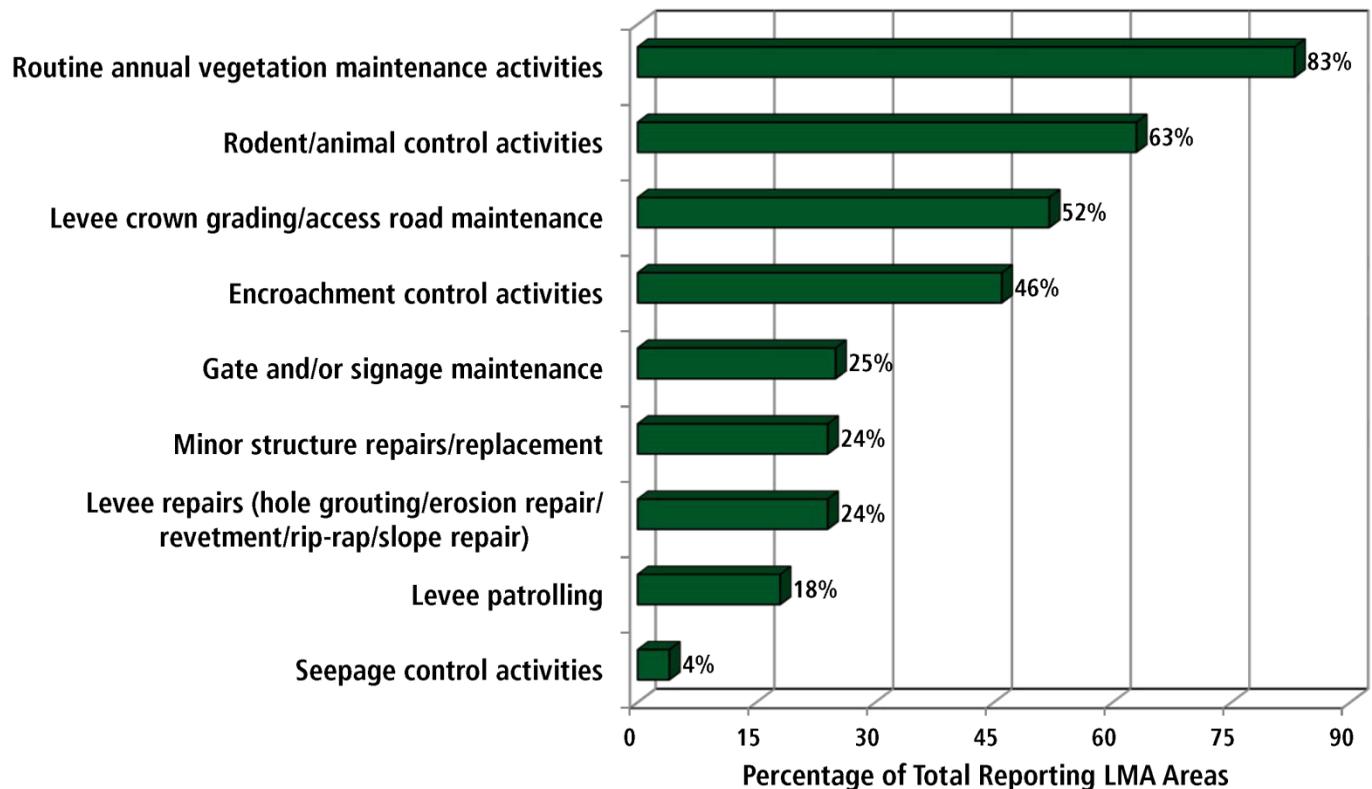
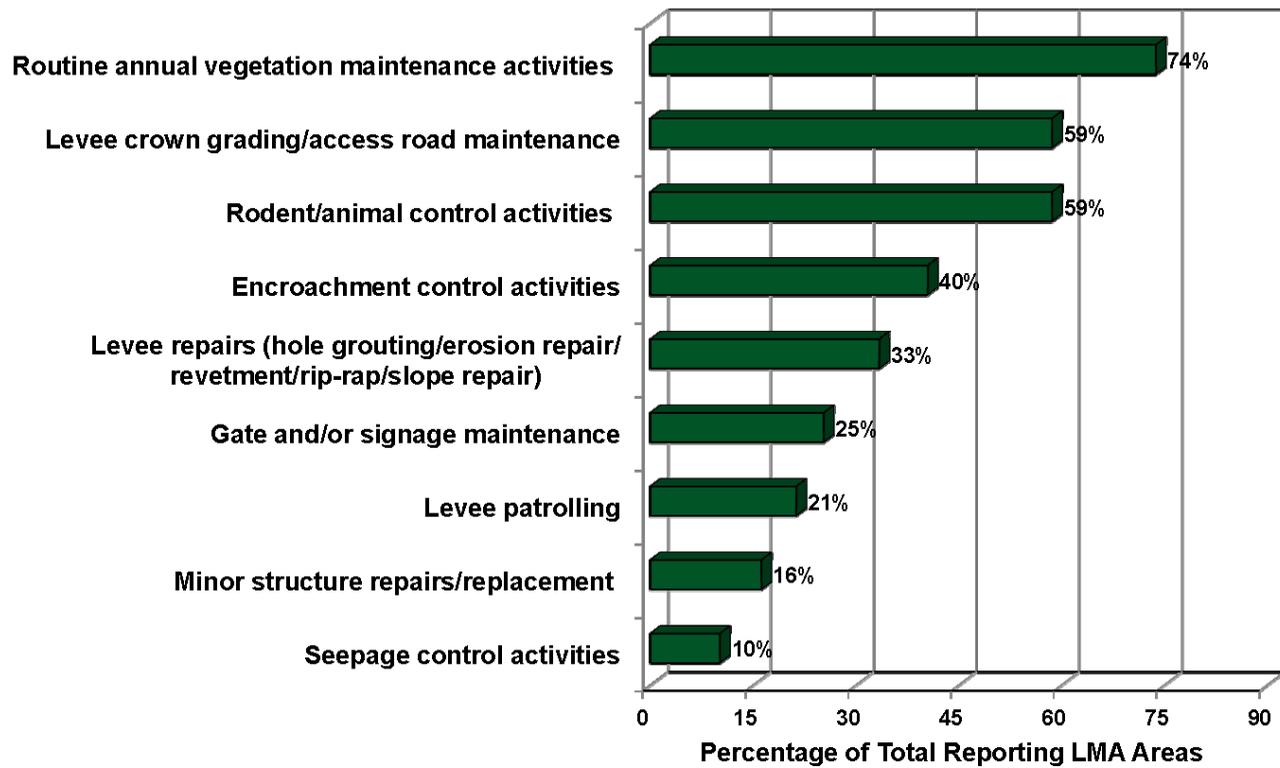


Figure 6-5 Reported Key Planned Activities for Fiscal Year 2012-2013



Issues Reported

Key issues raised by the LMAs this year include, encroachment, erosion and sedimentation, freeboard and other levee geometry deficiencies, in-channel and levee vegetation, seepage and sand boils. Some LMAs also reported State and federal regulations are posing constraints on complying with vegetation maintenance criteria. All this information are summarized in Appendices A to C and also shared with relevant agencies.

6.3 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 today, with DWR soliciting feedback from LMAs to improve the program. The following subsections and Figure 6-6 describe the chronology of the outreach process for 2012.

Local Maintaining Agency Reporting Workshops

A workshop announcement was distributed to LMAs in July to provide information on LMA reporting. Two half-day workshops were held on August 14 and 15, 2012, in DWR's Flood Operations Center. They provided a forum for staff to demonstrate the electronic reporting web application, receive comments and suggestions for program improvement, and discuss reporting procedures. A copy of the workshop flyer is included in Appendix D.

User Guide

A web application User Guide has been developed for the electronic users to facilitate reporting. The guide can be used to answer frequently asked questions. The guide will be subjected to change as functionalities and features will be updated. The guide can be accessed from the LMA website ☺

http://cdec.water.ca.gov/cgi-progs/products/LMA_Web_Application_User_Guide.pdf

Fact Sheet

A program fact sheet has been revised to describe changes to the program and reporting requirements. It is posted on the LMA website at <http://cdec.water.ca.gov/lma.html>. A copy of the fact sheet is Included in Appendix D.

Local Maintaining Agency Meetings

As part of our outreach component, DWR staff met with three LMAs on the following dates in 2012:

Agency	Date
Reclamation District 10	September 11, 2012
Sutter Yard	September 20, 2012
Reclamation District 827	October 12, 2012

Submittal to Libraries

DVDs of the 2011 Annual Reports were submitted to 49 libraries within the jurisdictional areas of the LMAs as directed by the code. A copy of the letter to the libraries is included in Appendix D.

Submittal to Cities/Counties

DVDs of the 2011 Annual Reports were submitted to 17 cities and counties within the jurisdictional areas of the LMAs as directed by the code. This is an improvement added to the program for the first time. Of the 20 cities/counties within the jurisdictional areas, seventeen responded to receive a copy of the DVD. The counties included are Butte, Plumas, Glenn, Colusa, Tehama, Placer, Sutter, Yolo, Lake, Sacramento, Solano, San Joaquin, Stanislaus, Madera, Merced, Fresno. A copy of the letter to the libraries is included in Appendix D.

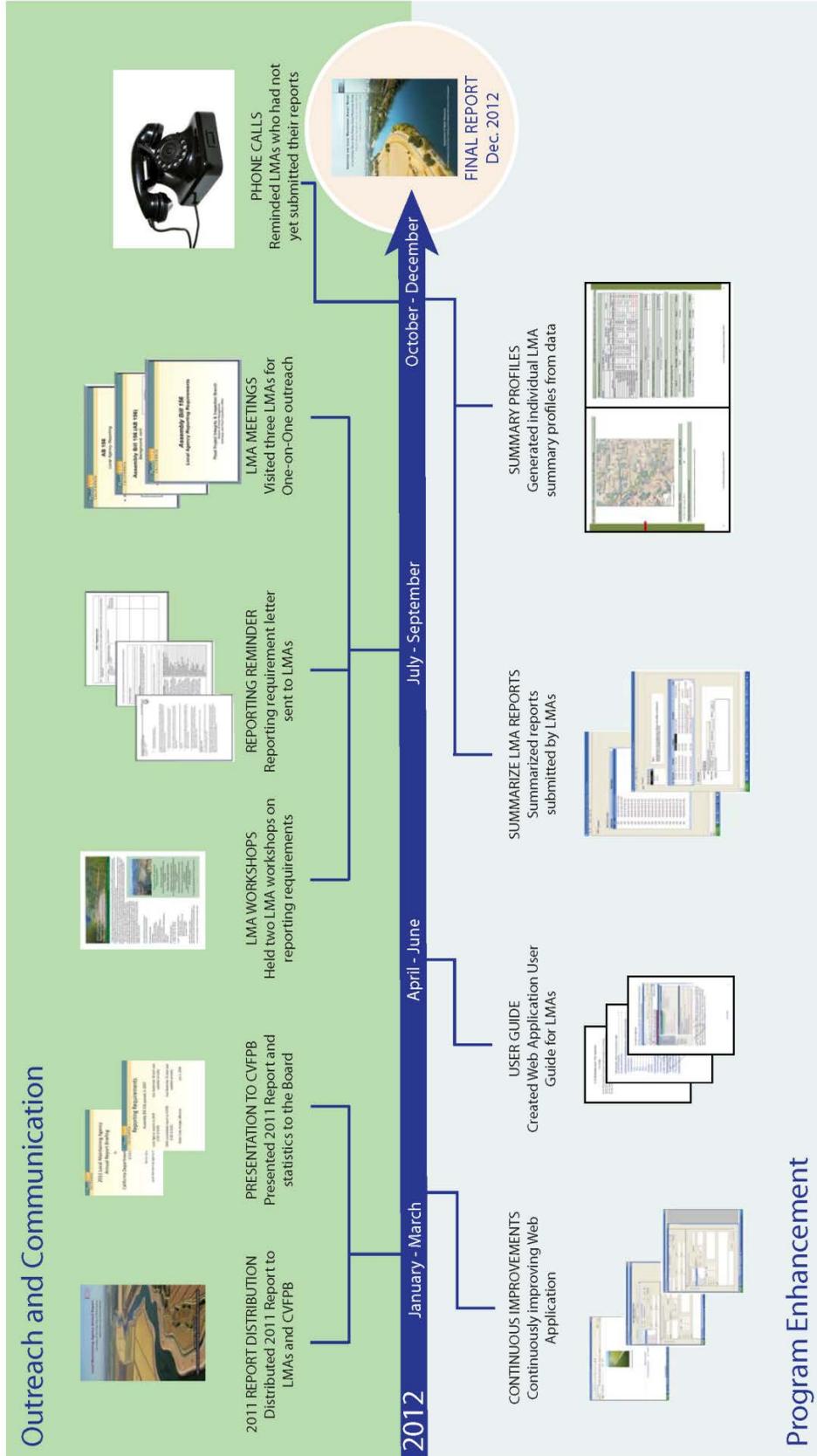
Reporting Requirements Letter

On August 30, 2012, a reporting requirements letter was mailed to all LMAs with instructions and the deadline. A copy of the letter is included in Appendix D.

Phone Calls

DWR contacted all LMAs for updated contact information in September through November, 2012.

Figure 6-6: Program Activities



Website and Electronic Reporting - Web Application Development

The graphical user interface was developed in 2008 with assistance from the California Data Exchange Center (CDEC) staff for reporting and information sharing. The current information about the program can be downloaded as well as access the electronic reporting from <http://cdec.water.ca.gov/lma.html> website.

The application allows LMAs to establish an individual user account, access certain Division of Flood Management flood system information, and submit required information electronically.

This web application is continually improved and enhanced with features and functionalities to benefit LMAs in their reporting requirements. To aid LMAs with reporting requirements, two examples of good reporting were posted on our website. To access the example, please click on the "Reporting Example" link under the Local Agency program website.

The integration between the Inspection and LMA reporting program through the web application has been improved to the next level. LMAs are highly encouraged to use the electronic program to submit information for above mentioned both programs at one place. The response has been positive to date; the 2012 electronic reporting shows higher percentage than hard copy reporting.

7 OTHER BRANCH ACTIVITIES AND ACCOMPLISHMENTS

The FPIIB supports flood operations by inspecting, evaluating and assessing the integrity of the Sacramento and San Joaquin Flood Control Project levee systems through a variety of activities. FPIIB is involved in collecting and managing flood control system information to assist in flood operations efforts. This information includes data on historical levee distress issues, as well as historical flood control system improvements, O&M agreements, O&M standards and practices, and general information related to flood control system facilities.

FPIIB inspects the maintenance of flood control facilities and notifies local maintenance agencies of system deficiencies, monitors levee and channel erosion, monitors use of designated floodways, conducts regulatory inspections of CVFPB authorized encroachments, conducts flood fight training, has first-response capability during high-water events, and conducts high-water staking.

The following sections provide more detail on key Branch activities and accomplishments.

7.1 Inspection and Reporting for Project Facilities

FPIIB conducts maintenance inspections for Project Levees, channels, and structures—the main subject of this report. Improvements in 2012 inspections and reporting include:

- Continued inspector training and use of more consistent methodology to reduce subjectivity
- More timely reporting and communication of deficiencies to LMAs
- Continued refinements to inspection database program, allowing efficient documentation of system conditions and compatibility with USACE National Levee Database reporting requirements

DWR expects to implement additional changes to the inspection program as existing USACE policies are clarified over time, new policies are developed, and other levee management issues arise.

7.2 High Water Staking

FPIIB developed documentation for high water staking in Project Levees. They are:

- High Water Staking Field Guidebook
- High Water Event Documentation Program Report

The field guidebook is designed to assist field crews with staking procedures. It describes pre-staking checklist in addition to how to stake, where to stake and what to stake. The High Water Event Documentation Program Report describes issues and

concern about current staking program and recommended improvements. An outreach flyer has been developed to identify partners and stakeholders for this program. DWR is planning to make these documents available to CDEC for public use. High water data gathered from this program will also be available in CDEC.

FPIIB coordinated a high water staking effort with Floodplain Evaluation Branch, Hydrology Branch, and Regional Projects Assessment Branch of DFM, and Geodetic Branch of the Division of Engineering (DOE) in 2011. DWR collected 243 high water surface elevations over approximately 200 miles of the San Joaquin River Flood System. The data can be used to better understand the performance of the levees, characterize a historical high water event, guide future flood control system improvements, and improve hydraulic modeling of flood control systems.

7.3 Levee Waterside Erosion Surveys

The USACE, with DWR sponsorship, has contracted for waterside erosion surveys of the Sacramento River system since 1998. FPIIB began conducting waterside erosion surveys of the San Joaquin River portion of the State-federal flood protection system project levees in September of 2006. The primary purpose of these surveys is to: (a) monitor and document the condition of previously identified erosion sites; (b) inventory any new erosion sites; and (c) identify erosion sites that appear to be an imminent threat to the structural integrity of the State-federal flood protection system.

Beginning in 2010, the results from DWR's Supplemental Erosion Survey of the San Joaquin River System are presented in this report in Section 5. Inspection criteria and rating methodology are described in Appendix F.

The USACE and its contractors generate the report on erosion found in the Sacramento River system; FPIIB staffs supplement the reports they generate with this data as it becomes available. In 2012, data was received in time to include the latest information on erosion sites from the USACE in this report and the LMRs.

DWR and other State, federal, and local entities are working to develop an erosion repair strategy that addresses environmental concerns from erosion maintenance and assigns responsibility for repair of different scales of erosion in the flood protection system.

Working together with USACE FPIIB has improved erosion site ranking criteria and methodology to be more consistent and comparable.

7.4 Utility Crossing Inventory Surveys

Levee penetrations are recognized as hazard elements affecting the integrity of project levees. Heavily corroded, leaking, collapsed, or otherwise compromised pipes affect the structural integrity of levee embankment by creating mechanisms of internal erosion. Identification of the precise location of these crossings and documentation of their external conditions constitute important and relevant information used to assess levee vulnerability.

Currently, the Department does not have a complete inventory of all utility pipes crossing Project levees and as a result any potential threat is unknown. The main goal of the Utility Crossing Inventory Program (UCIP) is to develop an inventory of utility crossings penetrating State-federal flood project levees. The inventory will include detailed desk studies to identify location and characteristic of documented pipes crossing project levees and field surveys to document external conditions of the crossing structures and levee embankment.

While the majority of utilities penetrating project levees are irrigation or drainage discharge pipes, there are many other types of utilities cross levees such as pressurized gas pipelines, storm drains, sewer lines, and communication conduits.

The utility crossing inventory program will:

- Identify location and characteristics of all pipes penetrating through levees by auditing historical information such as CVFPB encroachment permits, DWR Levee Logs, LMA's records, and USACE O&M Manuals.
- Perform field surveys to measure location and document existing conditions of the crossing and levee embankment based on observed external appearance.
- Document and update status of the crossing (found, indicators found, or not found).

- Assess utility crossing based on visual evidence of deterioration of the pipe, inlet or outlet structure and identify maintenance needs (Urgent, Non-Urgent, or No Action Needed).
- Share utility crossing information with LMAs to assist in the coordination of Operation of Public and Private Facilities during flood fighting.
- Promote the use of the Local Maintaining Agency Annual Report (Web Application) tool to log the operation and maintenance of the levee sections where utility crossings are present.
- Provide training to LMAs on how to update utility crossing information using the web application.

The information collected through this program will be used by inspectors to clarify maintenance issues with the different levee maintaining agencies, and by engineers for vulnerability assessments.

UCIP Online Application

An online application has been developed that allows the LMAs keep a record of all utility crossings within their jurisdiction. This tool also allows the LMAs to record the actions taken to address the issues related to penetrations.

The UCIP online application will:

- Provide a tool that can provide current inventory and condition of all utility crossing penetrating through the flood project works by local maintaining agency.
- Provide an enhanced reporting method through the Local Maintaining Agency Annual Report (Web Application) for LMAs.
- Provide detailed summary sheets of utility crossings and information identifying known conditions that might impair or compromise the level of the project levee,
- Help LMAs gather information needed for coordination flood fight related to operation of public and private facilities located within their jurisdiction
- Provide an annual assessment of the utility crossing based on field surveys. This tool also allows for LMAs to document which utility crossings based on visual inspection pose a threat to the integrity of the flood control system.
- Allow LMAs to record all the steps taken to rectify unauthorized or non-compliant issues with regards to utility crossings.

7.5 Other Key Activities

Additional FPIIB activities supporting the assessment of the integrity of the Sacramento and San Joaquin Flood Control Project levee system include:

- CVFPB Permit Inspection: FPIIB's team of flood project inspectors visually inspects the construction and installation of permitted encroachments for adherence to Board conditions. The number of permits requiring inspection continued to increase in 2012.
- Other CVFPB/FOC Inspections: In addition to the issuance of formal permits, the CVFPB authorizes activities on levees and structures in the system. During 2012 there were again a high number of these activities requiring inspection, most notably in the repair and replacement of penetrations through levees and repairs resulting from issues noted in the USACE's Periodic Inspections. FPIIB also conducted investigations into a variety of matters as requested by the CVFPB and the FOC.
- DWR and USACE Inspection Program Working Group: FPIIB, USACE's Sacramento District, CVFPB staff, and DWR meet monthly to coordinate ongoing DWR and USACE inspection program and maintenance activities. The primary focus is to establish a consistent understanding of inspection criteria and to establish consistent guidelines for developing system ratings.

- DWR also meets with a number of LMAs on a quarterly basis to discuss issues affecting them and to help them as much as possible.
- Internal and External Coordination: FPIIB participated in coordination with others groups within DWR as well as a variety of other agencies in the Interagency Flood Management Collaborative Program Management Group.
- Central Valley Flood Protection Plan: FPIIB participated in the preparation of the Central Valley Flood Protection Plan through the data that the Branch generates as well as reviewing and commenting on the draft documents.
- Periodic Inspections: The USACE and its contractors conducted multiple Periodic Inspections throughout 2012. FPIIB staff participated heavily in coordination with the LMAs, USACE, and CVFPB. These inspections are more detailed inspections intended to be conducted once every five years for each levee systems. FPIIB staff is helping to ensure that information is properly and completely exchanged between the entities to the greatest extent possible. As the LMAs complete maintenance on areas of concern noted in the Periodic Inspections, FPIIB inspectors work with the CVFPB to verify that the work is completed before the USACE is notified and a re-inspection is requested.
- Levee Log Update: FPIIB completed the digitization of historical levee logs and is working to field verify this data. FPIIB is coordinating these efforts with other agencies and consultants.
- Database Management: Compilation of known maintenance deficiencies and historical information into a geo-referenced database provides quick and detailed background information regarding distressed locations for initial analysis during high water events and in assessing system reliability. This database continues to be enhanced through CDEC programming.
- Flood Fight Training: Inspectors assist the Flood Fight Specialist teaching flood fight methods to over 1,000 people per year throughout the state. Inspectors also assisted in many of the Preseason Meetings held by the FOC.
- System Documentation: FPIIB is responsible for collecting, evaluating and summarizing historical and existing data in regard to flood emergency response. The data is being converted from hard copy to GIS-based data (geo-referenced) wherever possible. In 2012 FPIIB staff added more documentation to CDEC and made it available to stakeholders.
- Emergency Exercises: FPIIB assisted the FOC to prepare and conduct past and future emergency response exercises and will continue to do so. FPIIB staff participated in a simulation for the Forecast-Coordinated Operations (F-CO) group in October 2012 and an exercise with the California Conservation Corps in December 2012.
- Library of Models Project: FPIIB is assisting in the development of a Library of Models (LOM) to house models being developed under FloodSAFE programs. The LOM will be beneficial to other DWR offices and partner agencies. These models will be publically accessible.
- A pilot study is being conducted to evaluate the feasibility of an instrumentation network (fully-grouted piezometers) along the project levees to obtain real-time data pertaining to levee behavior during a flood event. The real-time information will allow DWR to assess seepage conditions through the levee during high water events and enhance its Emergency Preparedness and Response Plan. The instruments have been placed and are being monitored. As part of this pilot study, an instrumentation network of piezometers and data logger system was installed to provide direct, real-time measurement of levee through seepage and under-seepage conditions during medium and high-water events. Data download from the piezometers began after the completion of installation in October, 2011. Of the 36 saturated piezometers, three appear to be providing values outside the expected range. Seepage models were constructed to represent subsurface conditions based on geotechnical borings. Piezometric data recorded from the site was used to calibrate the seepage models.
- A Field Investigation Reporting System is being developed that includes enhancements to the database that is used to gather, track, and manage information collected during field visits to the flood control system regarding integrity issues. The system will be flexible in reporting the type of investigation, and will have the capability to be integrated with CDEC systems and accessible to stakeholders.

- Scoring and Rating Methodology Development for San Joaquin River Erosion Sites: Working together with consultants, FPIIB is reviewing existing database and erosion severity methodology, developing improved ranking criteria and classification methodology. The outcomes of the project will make the evaluation of levee erosion more reasonable and effective. It will also provide more objective judgment and information for the flood preparedness and response.
- Levee Monitoring System Pilot Study: In order to evaluate the feasibility of a multi-site, large scale instrumentation network, a pilot project is being evaluated. For the pilot study, an existing erosion site, where erosion will most likely occur during the following flood season, will be selected, and a cluster of instruments (beacon, a float-out device) will be installed. The pilot study will provide real-time information which will be used to assess the feasibility of the proposed levee erosion monitoring network and provide answers to critical questions related to costs, benefits, installation and maintenance

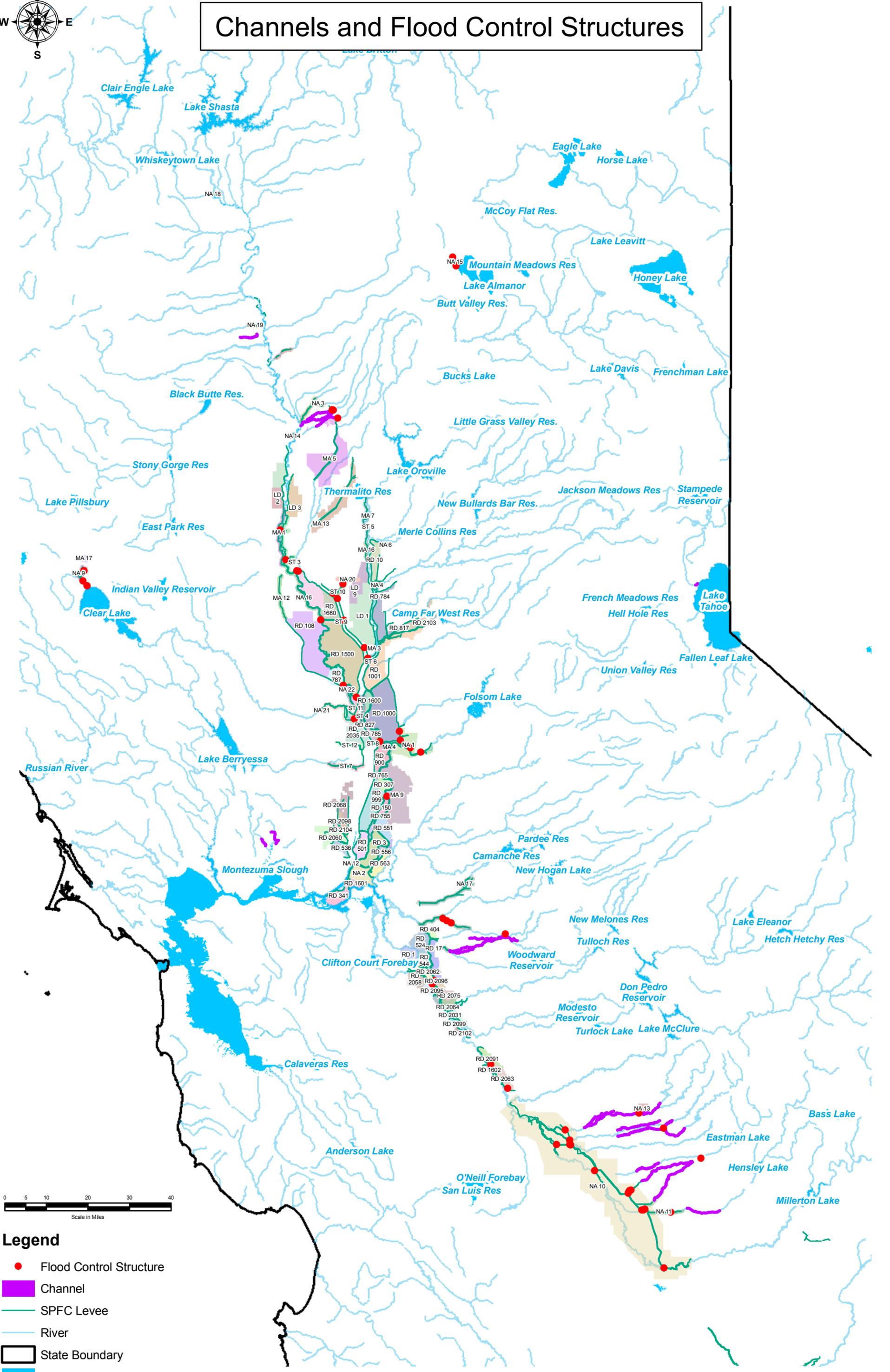
7.6 *Central Valley Flood Management Planning*

The Central Valley Flood Management Planning (CVFMP) Program is an effort to improve flood management for areas protected by facilities of the State-federal flood protection system in the Central Valley in an Integrated and sustainable way. FPIIB staff participated in this effort in various ways including contributing data and reviewing the documents. The CVFMP Program is documenting and assessing current performance of the State-federal flood protection system and providing assistance to locals to meet new planning requirements related to flood risk management through Program's development, and periodic update, of four important documents listed below.

- **Central Valley Flood Protection Plan (CVFPP):** This document describes a sustainable, integrated flood management plan that reflects a system-wide approach to areas of the Central Valley currently receiving protection from facilities of the State Plan of Flood Control. DWR was required to prepare the first public draft CVFPP by January 1, 2012, for adoption by the CVFPB by July 1, 2012. The Public Draft of the CVFPP was released on December 30, 2011. Legislation requires DWR to update the CVFPP every five years (years ending in 2 and 7).
- **SPFC Descriptive Document:** In November 2010, DWR released the final Descriptive Document, which contains descriptions of flood management facilities, lands, programs, conditions, and mode of O&M for the State-federal flood protection system in the Sacramento River and San Joaquin River watersheds. The report describes the existing system, but it is not a plan for the future. It is available for download from the CVFMP website: <http://www.water.ca.gov/cvfmp/documents.cfm>.
- **Flood Control System Status Report (FCSSR):** This document describes the current status (physical condition) of SPFC facilities at a system-wide level. DWR prepared the FCSSR to meet the legislative requirements of California Water Code Section 9120, and to contribute to development of the Central Valley Flood Protection Plan (CVFPP). The CVFPP will guide future State investments through projects to address identified problems in the SPFC. The FCSSR was delivered to the CVFPB in December 2011. DWR will periodically update the FCSSR, or following formal request of the CVFPB. The document is available for download from the CVFMP website: <http://www.water.ca.gov/cvfmp/documents.cfm>.

CVFPP Program Environmental Impact Report: The CVFPP Program Environmental Impact Report (PEIR) informs DWR and the CVFPB about potential program-level environmental effects and mitigation measures from implementation of some or all components of the CVFPP. A PEIR was produced because the CVFPP includes geographically related actions that may have similar environmental effects, but are not sufficiently well-defined regarding specific locations, project-level details, or implementation strategies to support a project-level EIR. DWR and the Board can use the PEIR for future planning and feasibility studies pursuant to California Environmental Quality Act Guidelines Section 15051(d)), DWR is the lead agency and the CVFPB is a responsible agency. The Draft PEIR was submitted to the CVFPB in March 2012.

Channels and Flood Control Structures



- Legend**
- Flood Control Structure
 - Channel
 - SPFC Levee
 - River
 - State Boundary
 - Water Body

Appendix **A**

Sacramento River Individual Agency Summary Reports

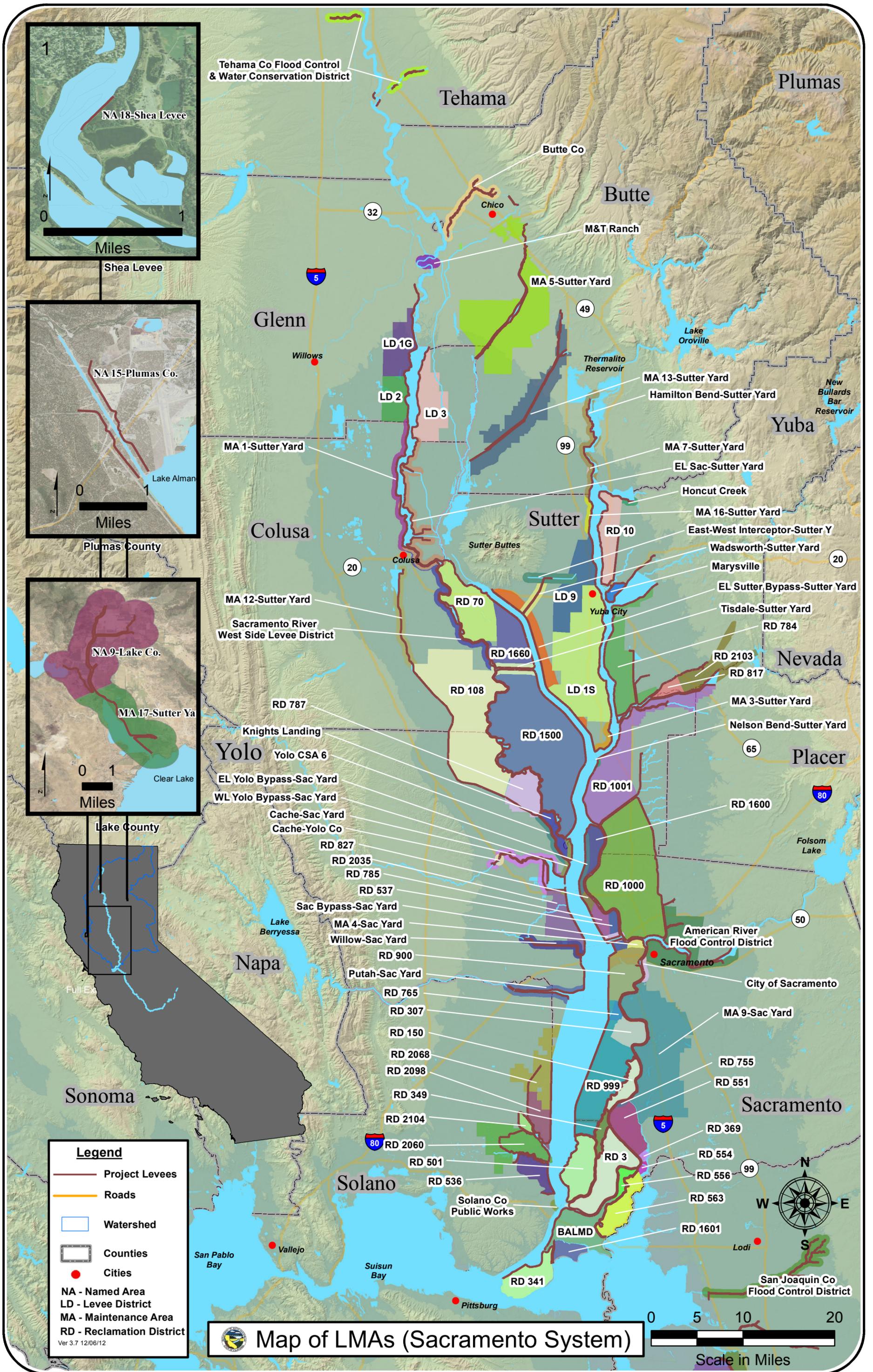
A total of 61 LMAs and 82 local reporting areas for Project Levees/Structures/Channels are included in the Sacramento River Flood Control Project. Appendix A includes an index to Sacramento River System LMAs, a map to show the locations of each reporting area, and individual LMA summary profiles. Appendix A includes:

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



Local Agencies & Areas	County	Tab Name	Short Name	Page
Levee Districts				
Levee District No. 0001 (Glenn County)	Glenn	LD 1G	LD0001G	5
Levee District No. 0001 (Sutter County)	Sutter	LD 1S	LD0001S	9
Levee District No. 0002 (Glenn County)	Glenn	LD 2	LD0002	13
Levee District No. 0003 (Glenn County)	Glenn	LD 3	LD0003	17
Levee District No. 0009 (Sutter County)	Sutter	LD 9	LD0009	21
Reclamation Districts				
Reclamation District No. 0003 Grand Island	Sacramento	RD 3	RD0003	25
Reclamation District No. 0010 Honcut	Yuba	RD 10	RD0010	29
Reclamation District No. 0070 Meridian	Sutter	RD 70	RD0070	33
Reclamation District No. 0108 River Farms	Colusa	RD 108	RD0108	37
Reclamation District No. 0150 Merrit Island	Yolo	RD 150	RD0150	41
Reclamation District No. 0307 Lisbon	Yolo	RD 307	RD0307	45
Reclamation District No. 0341 Sherman Island	Sacramento	RD 341	RD0341	49
Reclamation District No. 0349 Sutter Island	Sutter	RD 349	RD0349	53
Reclamation District No. 0369 Libby McNeil	Sacramento	RD 369	RD0369	57
Reclamation District No. 0501 Ryer Island	Solano	RD 501	RD0501	61
Reclamation District No. 0536 Egbert	Solano	RD 536	RD0536	67
Reclamation District No. 0537 Lovdal	Yolo	RD 537	RD0537	71
Reclamation District No. 0551 Pearson	Sacramento	RD 551	RD0551	75
Reclamation District No. 0554 Walnut Grove	Sacramento	RD 554	RD0554	79
Reclamation District No. 0556 Upper Andrus	Sacramento	RD 556	RD0556	83
Reclamation District No. 0563 Tyler Island	Sacramento	RD 563	RD0563	87
Reclamation District No. 0755 Randall	Sacramento	RD 755	RD0755	91
Reclamation District No. 0765 Glide	Yolo	RD 765	RD0765	95
Reclamation District No. 0784 Plumas Lake	Yuba	RD 784	RD0784	99
Reclamation District No. 0785 Driver	Yolo	RD 785	RD0785	105
Reclamation District No. 0787 Fair	Yolo	RD 787	RD0787	109
Reclamation District No. 0817 Carlin	Yuba	RD 817	RD0817	113
Reclamation District No. 0827 Elkhorn	Yolo	RD 827	RD0827	117
Reclamation District No. 0900 West Sacramento	Yolo	RD 900	RD0900	121
Reclamation District No. 0999 Netherlands	Yolo	RD 999	RD0999	125
Reclamation District No. 1000 Natomas	Sacramento	RD 1000	RD1000	131
Reclamation District No. 1001 Nicolaus	Sutter	RD 1001	RD1001	137
Reclamation District No. 1500 Sutter Basin	Sutter	RD 1500	RD1500	143
Reclamation District No. 1600 Mull	Yolo	RD 1600	RD1600	147
Reclamation District No. 1601 Twitchell	Sacramento	RD 1601	RD1601	151
Reclamation District No. 1660 Tisdale	Sutter	RD 1660	RD1660	155
Reclamation District No. 2035 Conaway	Yolo	RD 2035	RD2035	159
Reclamation District No. 2060 Hastings	Solano	RD 2060	RD2060	163
Reclamation District No. 2068 Yolano	Solano	RD 2068	RD2068	167
Reclamation District No. 2098 Cache and Haas Slough	Solano	RD 2098	RD2098	171
Reclamation District No. 2103 Wheatland Vicinity	Placer	RD 2103	RD2103	175
Reclamation District No. 2104 Peters Pocket Tract	Solano	RD 2104	RD2104	179
Named Areas				
American River Flood Control District	Sacramento	ARFCD	NA0001	183
Brannan Andrus Levee Maintenance District	Solano	BALMD	NA0002	189

Local Agencies & Areas	County	Tab Name	Short Name	Page
Named Areas				
Butte County Public Works	Butte	Butte County	NA0003	193
California Department of Fish and Game Shea Levee	Shasta	Shea Levee	NA0018	197
City of Sacramento	Sacramento	City of Sacramento	NA0005	201
Eastern Honcut Creek	Yuba	Honcut Creek	NA0006	205
Knights Landing Ridge Drainage District	Yolo	Knights Landing	NA0008	209
Lake County Watershed Protection District	Lake	Lake County	NA0009	213
Marysville Levee Commission	Yuba	Marysville	NA0004	217
Murphy Slough at M&T Ranch	Butte	M&T Ranch	NA0014	221
Plumas County	Plumas	Plumas County	NA0015	225
Sacramento County	Sacramento	Sacramento County	NA0050	229
Sacramento River West Side Levee District	Sacramento	WSLD	NA0016	233
Solano County Public Works Mellin Levee	Solano	Solano County	NA0012	237
Tehama County Flood Control and Water Conservation District	Tehama	Tehama County	NA0019	241
Yolo County Planning Resources and Public Works	Yolo	Cache-Yolo County	NA0021	245
Yolo County Service Area 6	Yolo	Yolo County SA 6	NA0022	249
Sacramento Maintenance Yard				
Cache Creek	Yolo	Cache Creek	ST0001	253
East Levee Yolo Bypass	Yolo	East Levee Yolo	ST0004	263
Maintenance Area 0004	Yolo	MA 4	MA0004	267
Maintenance Area 0009	Sacramento	MA 9	MA0009	271
Putah Creek	Yolo	Putah	ST0007	275
Sacramento Bypass	Yolo	Sacramento Bypass	ST0008	279
West Levee Yolo Bypass	Yolo	West Levee Yolo	ST0011	283
Willow Slough Bypass	Yolo	Willow	ST0012	287
Sutter Maintenance Yard				
East Levee Sacramento River	Colusa	East Levee Sacramento	ST0003	295
East Levee Sutter Bypass	Sutter	East Levee Sutter	ST0002	299
East-West Interceptor	Sutter	East-West Interceptor	NA0020	303
Hamilton Bend	Butte	Hamilton Bend	ST0005	307
Maintenance Area 0001	Colusa	MA 1	MA0001	311
Maintenance Area 0003	Sutter	MA 3	MA0003	315
Maintenance Area 0005	Butte	MA 5	MA0005	319
Maintenance Area 0007	Butte	MA 7	MA0007	323
Maintenance Area 0012	Colusa	MA 12	MA0012	327
Maintenance Area 0013	Butte	MA 13	MA0013	331
Maintenance Area 0016	Sutter	MA 16	MA0016	335
Maintenance Area 0017	Lake	MA 17	MA0017	339
Nelson Bend	Sutter	Nelson Bend	ST0006	343
Tisdale Bypass	Sutter	Tisdale	ST0009	347
Wadsworth Canal	Sutter	Wadsworth	ST0010	351



Levee District No. 0001 (Glenn County)

Glenn County

Contact

Bill Carriere

1640 Highway 45

Glenn CA 95943

Phone: (530) 934-7454



Levee Short Name : LD0001G

Bank Unit Length (Miles)

Unit No. 01 Sacramento River

RB

12.45

Threat Assessment & Recommendations

- The LMA should focus more on backfilling rodent holes.

SACRAMENTO SYSTEM : Levee District No. 0001 (Glenn County)

LD 1G

DWR Levee Inspection Summary

LD0001G	Total LMA Miles		12.45									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	M				A							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	0.45		0.45	3.61	0.06		0.06	0.48	-0.39		-0.39	-3.13
Trim / Thin Trees	0.11		0.11	0.88	0.11		0.11	0.88				0.00
Encroachments	0.31		0.31	2.49	0.05		0.05	0.40	-0.26		-0.26	-2.09
Animal Control	0.34		0.34	2.73	0.23		0.23	1.85	-0.11		-0.11	-0.88
Erosion / Bank Caving		0.01	0.04	0.32						-0.01	-0.04	-0.32
<i>LMA Totals:</i>	1.21	0.01	1.25	10.04	0.45	0.00	0.45	3.61	-0.76	-0.01	-0.80	-6.43

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Sacramento River west bank	119.72	Active		Pending

DWR Summary of Local Maintaining Agency Report

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 about a pipe repaired/replaced at LM 8.98 in 2011 at a cost of \$81,627. The Agency mentioned having a limited annual budget and its inability to do a major levee repair in future.

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 burrowing holes are present at various sites along the entire levee reach. The Agency also mentioned its efforts on continuously monitoring and controlling them.

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 included encroachment control, levee crown grading, rodent control, slope dragging, and vegetation control. The Agency also reported corrected or ongoing corrective actions in response to DWR inspection comments. The corrected actions included encroachment control, rodent control, and tree pruning.

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 planned maintenance activities for all levee units. Expenses include costs of administrative expenses, interest and loan repayment, salaries and benefits, services and supplies, and structure maintenance and improvement. The reported total estimated cost for the current fiscal year is \$18,040.

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

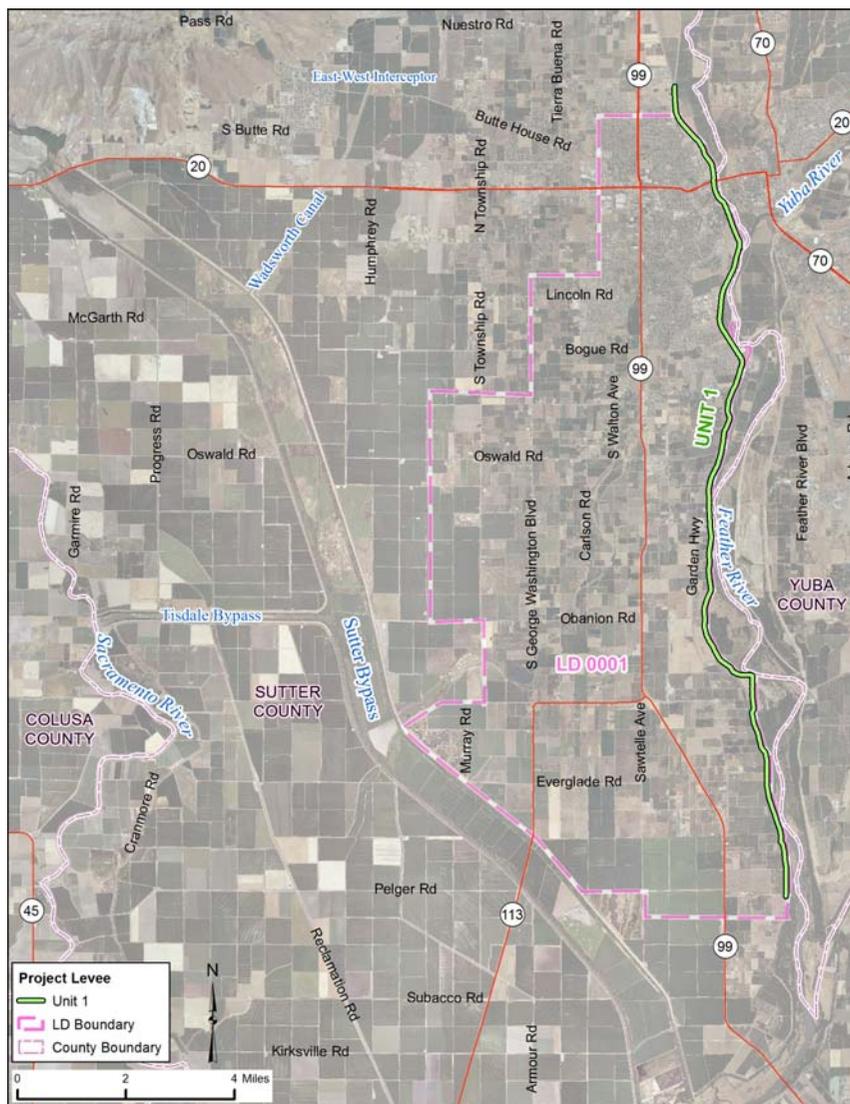
The Agency stated that the Agency has promptly corrected issues identified in USACE Periodic Inspection and reported no significant change in the performance of the levee over the past several years. The Agency also reported lack of funding to address any major structural issues if they arise in future.

Levee District No. 0001 (Sutter County)

Sutter County

Contact

Bill Hampton
District Office • 243 Second Street
Yuba City CA 95991
Phone: (530) 673-2454



Levee Short Name : LD0001S

Bank Unit Length (Miles)

Unit No. 01 Feather River

RB

16.65

Threat Assessment & Recommendations

- The LMA should continue to maintain the area at the high level seen during the last inspection.

SACRAMENTO SYSTEM : Levee District No. 0001 (Sutter County)

LD 1S

DWR Levee Inspection Summary

LD0001S	Total LMA Miles		16.65									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	A				A							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation												0.00
Encroachments	0.01		0.01	0.06					-0.01		-0.01	-0.06
<i>Interior Drainage & Piping Systems</i>												
Metal Pipes	0.01		0.01	0.06	0.01		0.01	0.06				0.00
LMA Totals:	0.02	0.00	0.02	0.12	0.01	0.00	0.01	0.06	-0.01	0.00	-0.01	-0.06

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Feather River right bank - Sutter Bypass east bank	66.72	Inactive	09/10/2010	U

DWR Summary of Local Maintaining Agency Report

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 referred to the vegetation issues in 2012 Spring Inspection Report and stated that those issues have been taken care of.

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 25 relief wells failed to operate at LM 5.36. The Agency also reported that a slurry wall to be installed in 2013-2014, however, would make those wells obsolete.

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 location of these activities. Activities included gate painting, levee crown and roadway grading, rodent control, slope dragging, and 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 mentioned a plan for regular maintenance activities for all levee units. The reported total estimated cost for the current fiscal year is \$337,993. The Agency also reported testing of 20 relief wells at Levee Unit 1, LM 10.91 with an estimated cost of \$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 CVFPB or DWR

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

Levee District No. 0002 (Glenn County)

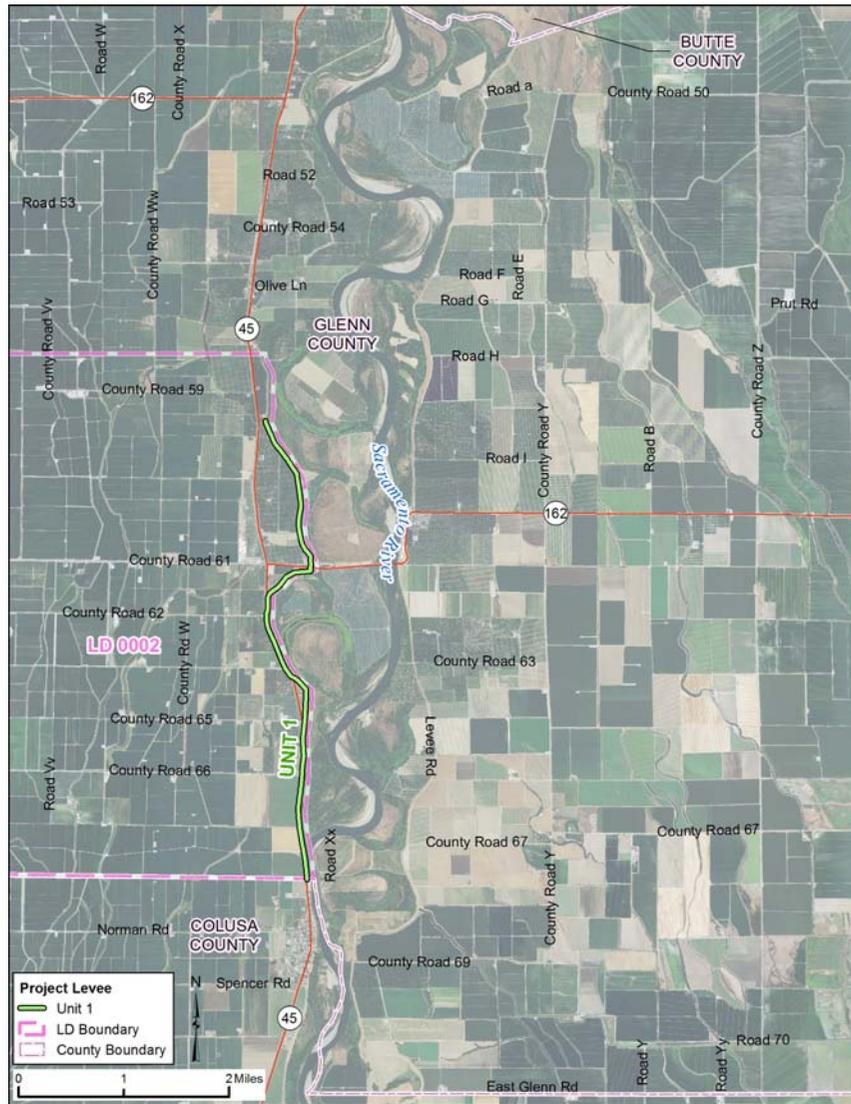
Glenn County

Contact

Dennis Clark
District Office • 7817 County Road 66
Princeton CA 95970
Phone: (530) 518-2549

SACRAMENTO SYSTEM : Levee District No. 0002 (Glenn County)

LD 2



Levee Short Name : LD0002

Bank Unit Length (Miles)

Unit No. 01 Glenn County Sacramento River	RB	4.89
---	----	------

Threat Assessment & Recommendations

- The LMA should continue to maintain the area at the high level seen during the last inspection.
- The LMA should enhance its rodent control program.

SACRAMENTO SYSTEM : Levee District No. 0002 (Glenn County)

DWR Levee Inspection Summary

LD0002	Total LMA Miles		4.89									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	A				A							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	0.01		0.01	0.20					-0.01		-0.01	-0.20
Animal Control	0.16		0.16	3.27	0.25		0.25	5.11	0.09		0.09	1.84
Slope Stability					0.01		0.01	0.20	0.01		0.01	0.20
<i>Supplemental</i>												
USACE Erosion Survey	0.01		0.01	0.20	0.01		0.01	0.20				0.00
<i>LMA Totals:</i>	0.18	0.00	0.18	3.68	0.27	0.00	0.27	5.52	0.09	0.00	0.09	1.84

LD 2

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

Unit No. 01 Glenn County Sacramento River

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
SAC_164-7_R	164.70	0.08	0.08	eroding	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Sacramento River west bank	119.72	Active		Pending

DWR Summary of Local Maintaining Agency Report

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 referred to the USACE Periodic Inspection Report and Geotechnical Assessment Report, North NULE Study Area for the relevant information. DWR's 2012 Spring Inspection Report provided minimally acceptable to acceptable rating for all inspected items of all levee units.

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 referred to the USACE Periodic Inspection Report and Geotechnical Assessment Report, North NULE Study Area for the relevant information. DWR's 2012 Spring Inspection Report provided minimally acceptable to acceptable rating for all inspected items of all levee units.

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. Activities included rodent control, slope dragging, tree clearing, and vegetation burning and spraying. The Agency also reported erosion repair by the California Department of Transportation.

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 planned for all levee units. Expenses include costs of vegetation burning and spraying. The reported total estimated cost for the current fiscal year is \$4,293.

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

The Agency referred to Geotechnical Assessment Report, North NULE Study Area for other information.

Levee District No. 0003 (Glenn County)

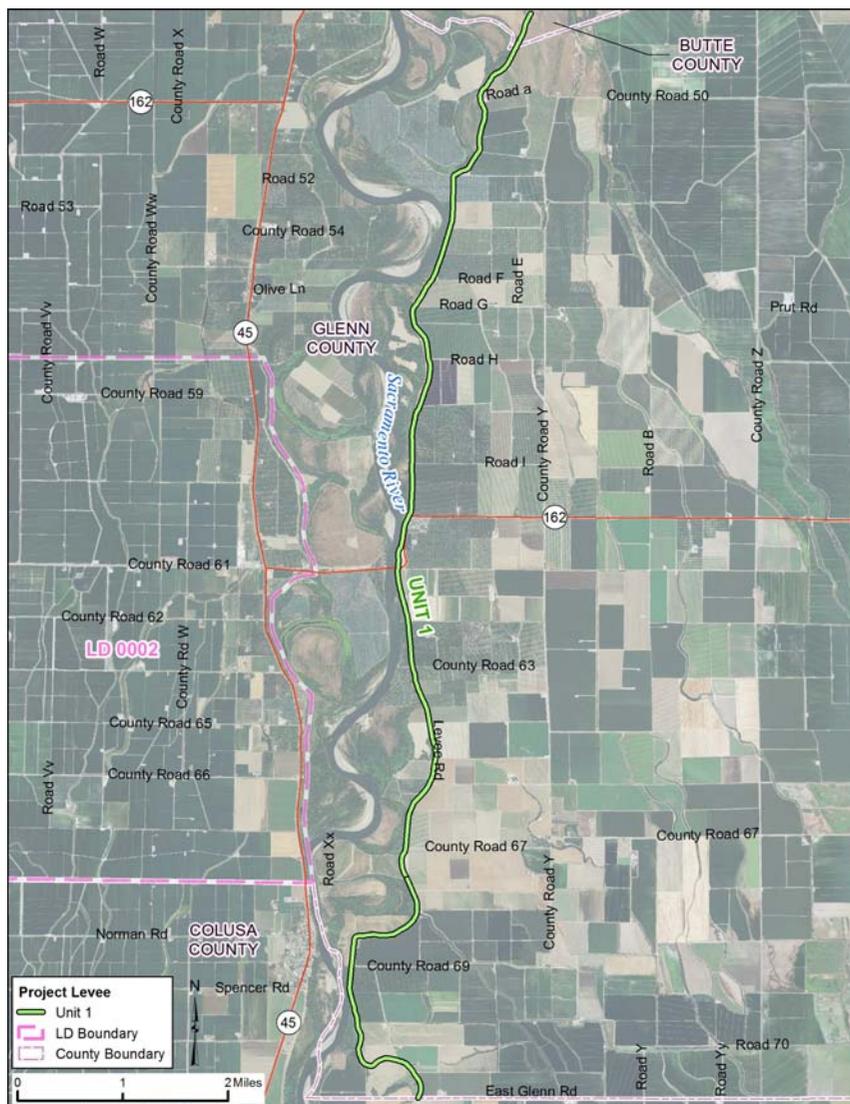
Glenn County

Contact

Eric Larabee
District Office • PO Box 172
Butte City CA 95920
Phone: (530) 809-0475

SACRAMENTO SYSTEM : Levee District No. 0003 (Glenn County)

LD 3



Levee Short Name : LD0003	Bank	Unit Length (Miles)
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Unit No. 01 Glenn County Sacramento River	LB	12.24
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Threat Assessment & Recommendations

- There is significant rodent activity in this Area.
- The LMA should enhance its rodent control program.

SACRAMENTO SYSTEM : Levee District No. 0003 (Glenn County)

DWR Levee Inspection Summary

LD0003	Total LMA Miles		12.24									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	U				M							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Trim / Thin Trees	0.32		0.32	2.61	0.19		0.19	1.55	-0.13		-0.13	-1.06
Encroachments	0.24		0.24	1.96	0.20		0.20	1.63	-0.04		-0.04	-0.33
Animal Control	2.17		2.17	17.73	1.79		1.79	14.62	-0.38		-0.38	-3.11
Slope Stability	0.04		0.04	0.33	0.06		0.06	0.49	0.02		0.02	0.16
Erosion / Bank Caving	0.01		0.01	0.08					-0.01		-0.01	-0.08
<i>Supplemental</i>												
USACE Erosion Survey	0.54		0.54	4.41	0.03		0.03	0.25	-0.51		-0.51	-4.17
<i>LMA Totals:</i>	3.32	0.00	3.32	27.12	2.27	0.00	2.27	18.55	-1.05	0.00	-1.05	-8.58

LD 3

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

Unit No. 01 Glenn County Sacramento River

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
SAC_163-0_L	163.00	1.35	1.35	eroding	M
SAC_163-0_L	168.30	5.96	5.96	eroding	M
SAC_163-0_L	172.00	9.60	9.60	eroding	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Sacramento River East Levee - LD 3 Glenn County	38.36	Inactive	10/01/2007	Pending

DWR Summary of Local Maintaining Agency Report

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 was 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 was 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 was 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 was 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 CVFPB or DWR

No information was provided by the Agency for Part 5.

Levee District No. 0009 (Sutter County)

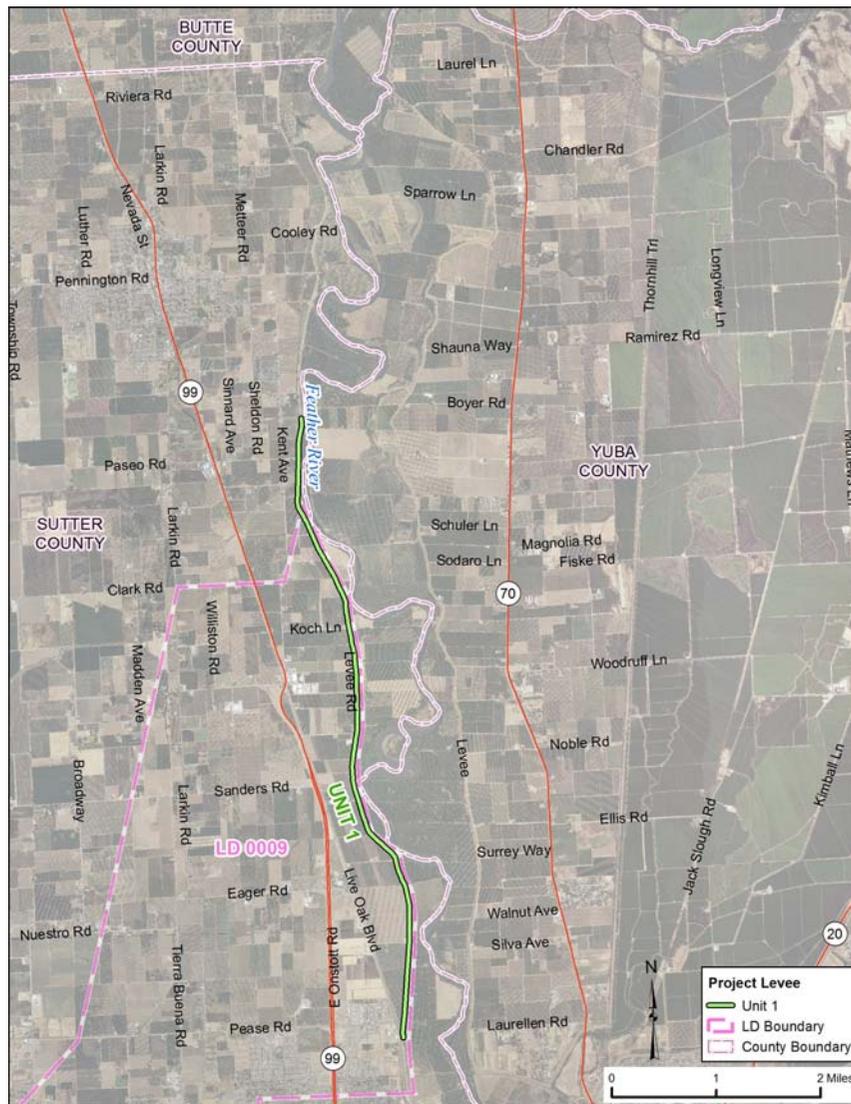
Sutter County

Contact

David Laman
1471 Coats Drive
Yuba City CA 95993
Phone: (530) 749-3902

SACRAMENTO SYSTEM : Levee District No. 0009 (Sutter County)

LD 9



Levee Short Name : LD0009

Bank Unit Length (Miles)

Unit No. 01 Sutter County, Feather River

RB

6.24

Threat Assessment & Recommendations

- The LMA should continue to maintain the area at the high level seen during the last inspection.
- The LMA should work with landowners and the CVFPB to ensure that penetrations do not endanger the integrity of the levee.

SACRAMENTO SYSTEM : Levee District No. 0009 (Sutter County)

DWR Levee Inspection Summary

LD0009	Total LMA Miles		6.24									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	A				A							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Encroachments	0.01		0.01	0.16	0.02		0.02	0.32	0.01		0.01	0.16
Animal Control	0.01		0.01	0.16					-0.01		-0.01	-0.16
<i>LMA Totals:</i>	0.02	0.00	0.02	0.32	0.02	0.00	0.02	0.32	0.00	0.00	0.00	0.00

LD 9

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
No USACE Ratings available.				

DWR Summary of Local Maintaining Agency Report

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 no new information to report. The Agency further reported that information from Urban Levee Evaluation Program/DWR along with other information are being used by the Sutter-Butte Flood Control Agency to design the Feather River Levee project to correct identified deficiencies in the Project 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 reported agricultural ditches at LM 2.96 and 5.68.

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 included slope dragging, and vegetation burning and spraying. The Agency also reported corrected or ongoing corrective actions in response to DWR inspection comments. The corrected action included 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 planned for all levee units. Expenses include costs of gate repair and access control, minor erosion repair, patrolling, rodent control, slope dragging, and vegetation burning and spraying. The reported total estimated cost for the current fiscal year is \$31,850.

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

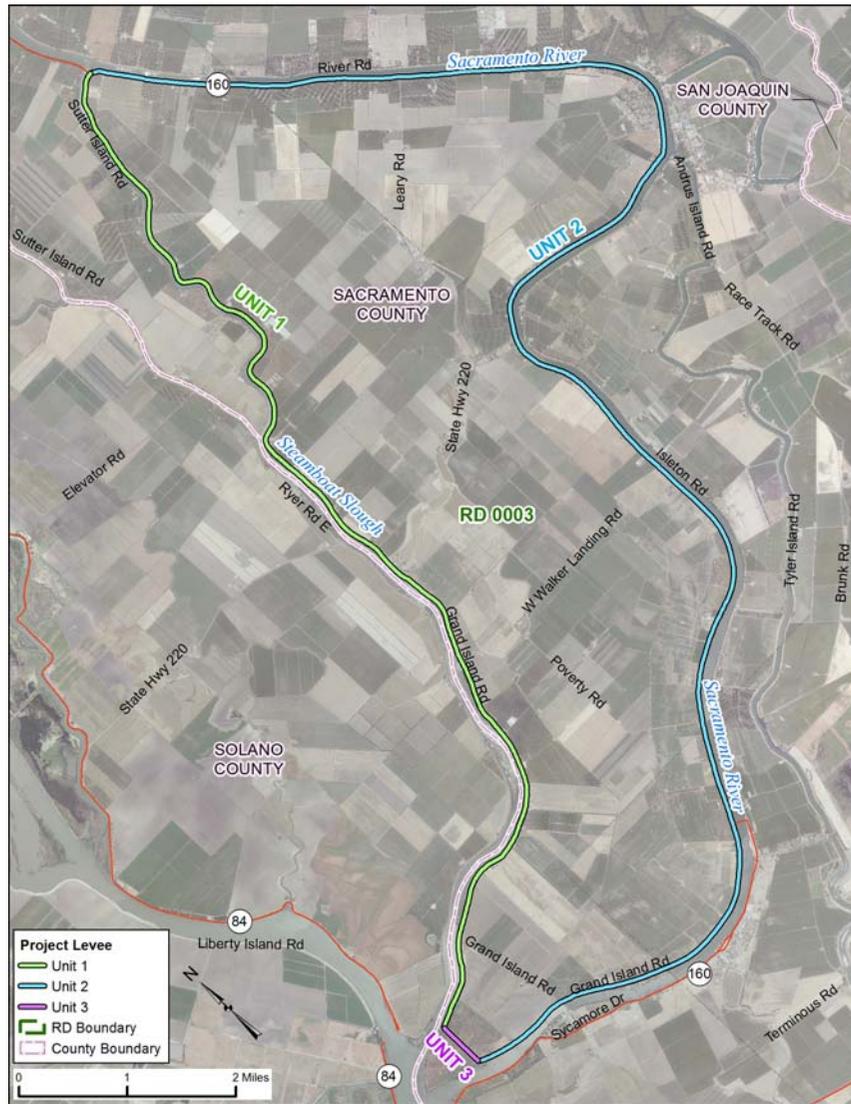
The Agency stated that there was no new information to report.

Reclamation District No. 0003 Grand Island

Sacramento County

Contact

Buddy Fonseca
District Office • PO Box 1011
Walnut Grove CA 95690
Phone: (916) 776-1945



Levee Short Name : RD0003

Bank Unit Length (Miles)

Unit No. 01 Left Bank Steamboat Slough	LB	11.03
Unit No. 02 Right Bank Sacramento River	RB	17.62
Unit No. 03 New Unit for RD0003		0.43

Threat Assessment & Recommendations

- There is vegetation that significantly impacts access and visibility in this Area.
- The LMA should focus more on controlling vegetation to maintain visibility and access.

SACRAMENTO SYSTEM : Reclamation District No. 0003 Grand Island

RD 3

DWR Levee Inspection Summary

RD0003	Total LMA Miles		29.08									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	M *				M *							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	0.03	0.01	0.07	0.24	0.92	0.01	0.96	3.30	0.89		0.89	3.06
Trim / Thin Trees	0.33	0.02	0.41	1.43	0.41		0.41	1.41	0.08	-0.02		-0.02
Encroachments	0.06		0.06	0.21	0.06		0.06	0.21				0.00
Slope Stability	0.01		0.01	0.04					-0.01		-0.01	-0.04
Erosion / Bank Caving	0.01		0.01	0.04					-0.01		-0.01	-0.04
<i>Supplemental</i>												
USACE Erosion Survey	0.39	0.01	0.43	1.50	0.31		0.31	1.07	-0.08	-0.01	-0.12	-0.43
LMA Totals:	0.83	0.04	0.99	3.46*	1.70	0.01	1.74	5.98*	0.87	-0.03	0.75	2.53

* Overall LMA Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall LMA Rating is M instead of A.

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

Unit No. 01 Left Bank Steamboat Slough

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
STM_26-0_L	26.00	0.18	0.23	eroding	M
STM_26-0_L	25.00	0.92	1.01	eroding	M
STM_26-0_L	24.80	1.03	1.18	eroding	M
STM_26-0_L	23.80	2.15	2.17	repaired	C

Unit No. 02 Right Bank Sacramento River

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
STM_26-0_L	26.30	11.33	11.33	eroding	M
STM_26-0_L	31.60	16.54	16.54	eroding	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 0003 - Grand Island	28.74	Active		Pending

DWR Summary of Local Maintaining Agency Report**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 reported seepage zone along landside levee toe at Levee Unit 1, LM 6.3 to 6.5. The Agency mentioned that the seepage location has been repaired in the past with drain rock and a seepage ditch and further informed about an additional repair plan for 2012 or 2013 depending on design and plan completion dates. The Agency also reported historical active and easily visible sinkholes and seepage zone along the landside levee toe at Levee Unit 1, LM 4.73 to 4.88.

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 included encroachment control, inspection, rodent control, surveying and engineering, thinning and trimming of trees, and vegetation burning, mowing and spraying. The Agency also reported waterside erosion repair at Levee Unit 1, LM 2.16 and LM 2.18.

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 planned for all levee units. Expenses include costs of encroachment control, inspections, rodent baiting and trapping, rodent hole compaction, seepage control, surveying and engineering, and vegetation burning, mowing, spraying, and thinning and trimming. The reported total estimated cost for the current fiscal year is \$357,500. The Agency also informed about a repair plan (estimated cost \$8,000,000) for seepage zone control at Levee Unit 1, LM 6.3 to 6.5 pending completion of design and CVFPB permit.

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

The Agency reported studies related to the preparation of a Five Year Plan including identifying projects, taking District photographs, and developing cross-sections and maps.

Reclamation District No. 0010 Honcut

Yuba County

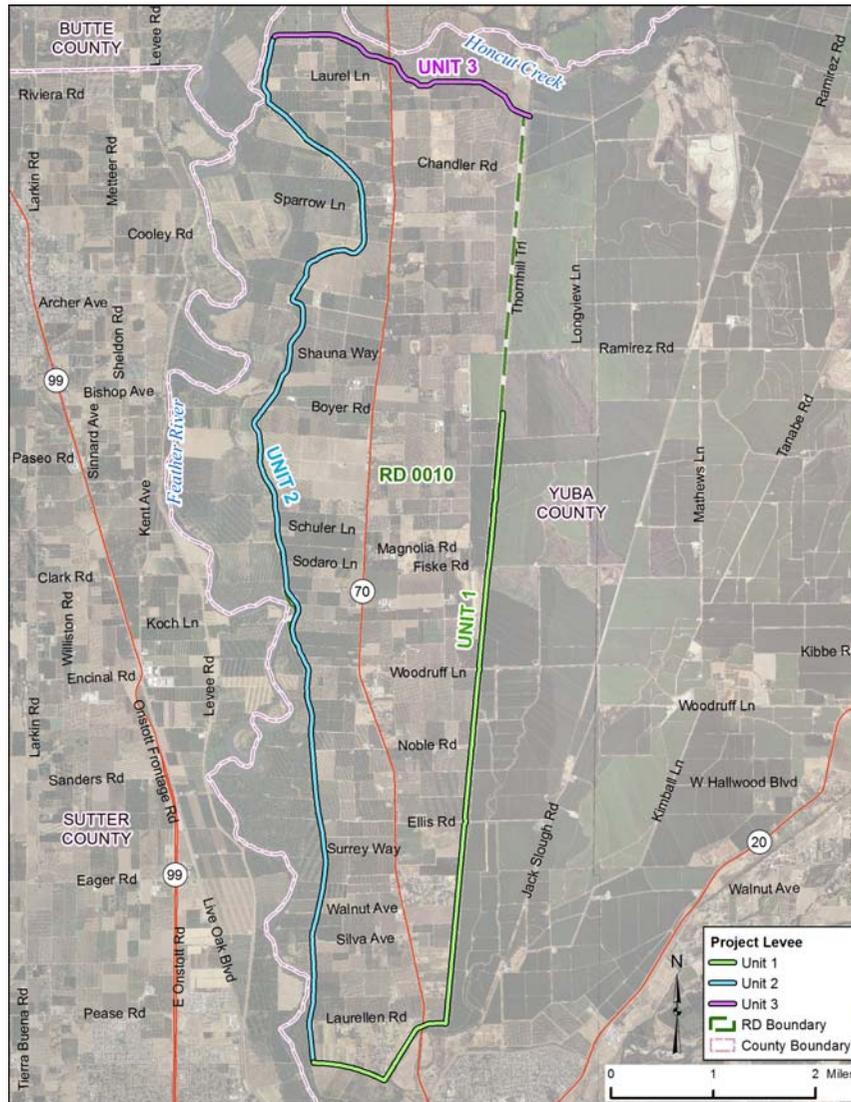
Contact

Tom Schultz

District Office • 10204-A Highway 70

Marysville CA 95901

Phone: (530) 743-6422



Levee Short Name : RD0010

Bank Unit Length (Miles)

Unit No.	Bank	Unit Length (Miles)
01 Simmerly Slough	RB	7.68
02 Feather River	LB	11.24
03 Honcut Creek	LB	3.01

Threat Assessment & Recommendations

- There is vegetation that significantly impacts access and visibility in this Area.
- The LMA should focus more on controlling vegetation to maintain visibility and access.

SACRAMENTO SYSTEM : Reclamation District No. 0010 Honcut

RD 10

DWR Levee Inspection Summary

RD0010	Total LMA Miles		21.93									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	U				M							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	35.94		35.94	163.89	3.51	0.11	3.95	18.01	-32.43	0.11	-31.99	-145.87
Encroachments	0.12		0.12	0.55	0.01		0.01	0.05	-0.11		-0.11	-0.50
Animal Control	0.11		0.11	0.50	0.03		0.03	0.14	-0.08		-0.08	-0.37
Erosion / Bank Caving	0.01		0.01	0.05					-0.01		-0.01	-0.05
Crown Surface / Depressions / Rutting	3.75		3.75	17.10					-3.75		-3.75	-17.10
<i>LMA Totals:</i>	39.93	0.00	39.93	182.08	3.55	0.11	3.99	18.19	-36.38	0.11	-35.94	-163.88

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 0010 - Honcut Drainage Basin	24.75	Active		

DWR Summary of Local Maintaining Agency Report

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 a new metal stairway was built in 2012 at Unit 1 on landside of the levee. The stairway leads to a pump meant for pumping surface runoff flowing towards the Simmerly Slough levee. The Agency also reported ongoing vegetation burning activities at both units at various locations.

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 on repair works at Levee Unit 1, LM 1 by DWR/USACE over past 10 years for stopping sloughing and protecting levees against erosion. The Agency also informed the presence of a 12 inch metal drain pipe at Levee Unit 1, LM 1 and old wooden power poles on landside slope at LM 1 to 1.3.

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

The Agency reported corrected and ongoing corrective actions in response to DWR inspection comments. The corrected actions included encroachment, rodent, 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 reported mowing and levee crown grading activities on Levee Unit 2 planned for the current fiscal year.

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

No information was provided by the Agency for Part 5.

**Reclamation District
No. 0070
Meridian**

Sutter County

Contact

Andy Duffey

PO Box 129

Meridian CA 95957

Phone: (530) 696-2569



Levee Short Name : RD0070

Bank Unit Length (Miles)

Unit No. 01 Sutter Bypass	RB	8.00
Unit No. 02 Sacramento River	LB	15.57

Threat Assessment & Recommendations

- The LMA should focus on repairing erosion sites.

SACRAMENTO SYSTEM : Reclamation District No. 0070 Meridian

DWR Levee Inspection Summary

RD0070	Total LMA Miles		23.57									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	A				A							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Encroachments	0.05		0.05	0.21	0.06		0.06	0.26	0.01		0.01	0.04
Animal Control	0.26		0.26	1.10					-0.26		-0.26	-1.10
Slope Stability					0.03		0.03	0.13	0.03		0.03	0.13
<i>Supplemental</i>												
USACE Erosion Survey	1.16		1.16	4.92	0.83		0.83	3.52	-0.33		-0.33	-1.40
<i>LMA Totals:</i>	1.47	0.00	1.47	6.24	0.92	0.00	0.92	3.90	-0.55	0.00	-0.55	-2.33

RD 70

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

Unit No. 02 Sacramento River

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
SAC_138-1_L	138.10	0.04	0.33	eroding	M
SAC_138-1_L	136.60	1.78	1.91	eroding	M
SAC_138-1_L	133.80	4.44	4.48	removed	W
SAC_138-1_L	133.00	5.30	5.52	removed	W
SAC_138-1_L	131.80	6.50	6.60	eroding	M
SAC_138-1_L	130.00	8.16	8.32	eroding	M
SAC_138-1_L	125.80	11.64	11.66	eroding	M
SAC_138-1_L	123.30	14.09	14.22	eroding	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 0070 and RD 1660 - Sutter Basin North	39.90	Active		Pending

DWR Summary of Local Maintaining Agency Report

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 was 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 that a pipeline on Levee Unit 2, LM 7.6 located 3.7 feet below the crown of Sutter Bypass is leaking and needs to be replaced. The Agency stated that they are waiting for the replacement permit filed two years ago.

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 Levee Unit 1. Activities included levee slope dragging, levee crown grading, patrolling, rodent control, thinning and pruning trees, and 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 estimated cost for all aspects of planned operations of the District for all levee units. The reported total estimated cost for all units for the current 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 CVFPB or DWR

No information was provided by the Agency for Part 5.

Reclamation District No. 0108 River Farms

Colusa County

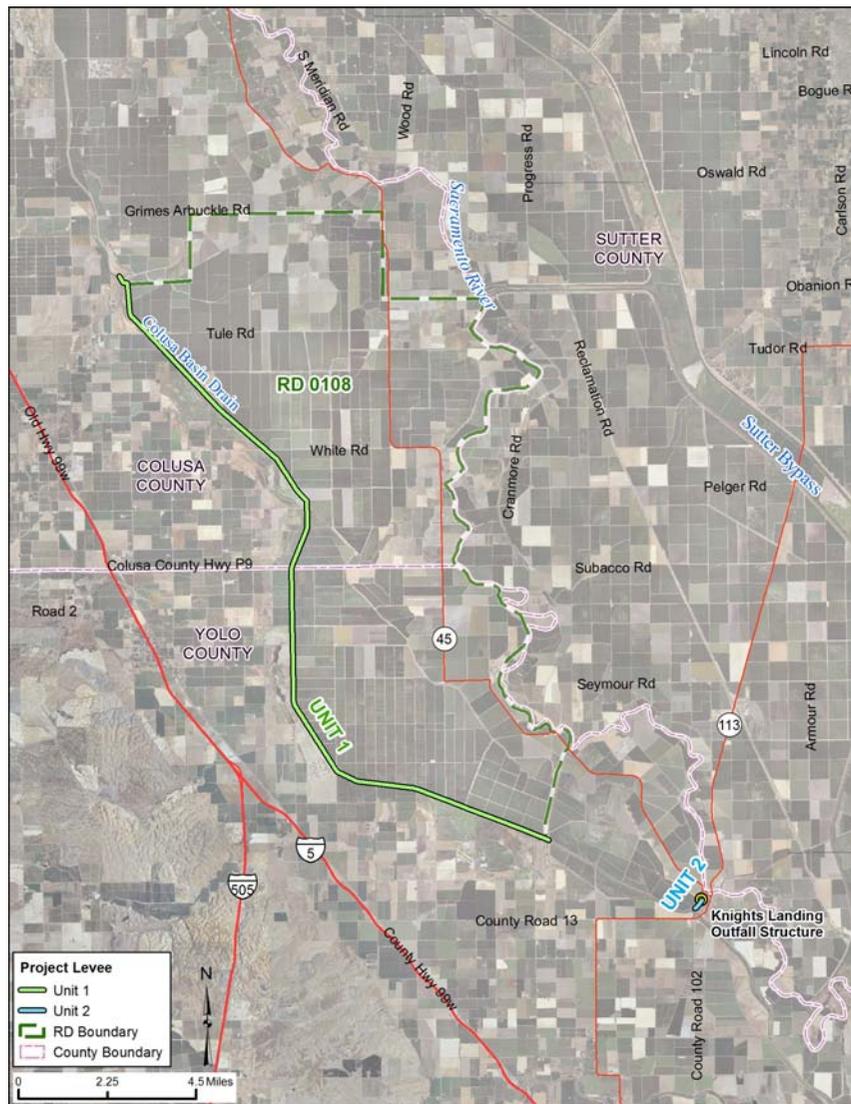
Contact

Lewis Bair

PO Box 50

Grimes CA 95950

Phone: (530) 437-2221



Levee Short Name : RD0108

Bank Unit Length (Miles)

Unit No. 01 Colusa Basin Drain	LB	20.59
Unit No. 02 Castle Properties	RB	0.28

Threat Assessment & Recommendations

- The LMA should continue to maintain the area at the high level seen during the last inspection.
- The LMA should enhance its rodent control program.

SACRAMENTO SYSTEM : Reclamation District No. 0108 River Farms

DWR Levee Inspection Summary

RD0108	Total LMA Miles	20.87										
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	A				A							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	0.01		0.01	0.05					-0.01		-0.01	-0.05
Animal Control	0.01		0.01	0.05	0.02		0.02	0.10	0.01		0.01	0.05
Cracking	0.07		0.07	0.34	0.01		0.01	0.05	-0.06		-0.06	-0.29
<i>Supplemental</i>												
USACE Erosion Survey	0.01		0.01	0.05	0.01		0.01	0.05				0.00
<i>LMA Totals:</i>	0.10	0.00	0.10	0.49	0.04	0.00	0.04	0.19	-0.06	0.00	-0.06	-0.29

RD 108

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

Unit No. 01 Colusa Basin Drain

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
CBD_19-2_L	0.00	19.29	19.29	eroding	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Knights Landing U2 - Yolo Bypass - Service Area 6	15.19	Inactive	11/21/2011	U
Sacramento River west bank	119.72	Active		Pending

DWR Summary of Local Maintaining Agency Report

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 present conditions do not differ from the previous reporting. In 2011, the Agency had reported repair of a slope crack greater than 1/2-inch at LM 14 and an 80-foot long section of landside slope slipping at LM 13.74 .

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. Activities included roadway grading and gravel placement, rodent control, and vegetation burning, dragging, spraying, and trimming. The reported total maintenance expenses for the previous fiscal year was \$40,034.

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 total estimated cost for the general levee maintenance planned for all levee units. The reported total cost for the current fiscal year is \$45,000.

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 CVFPB or DWR

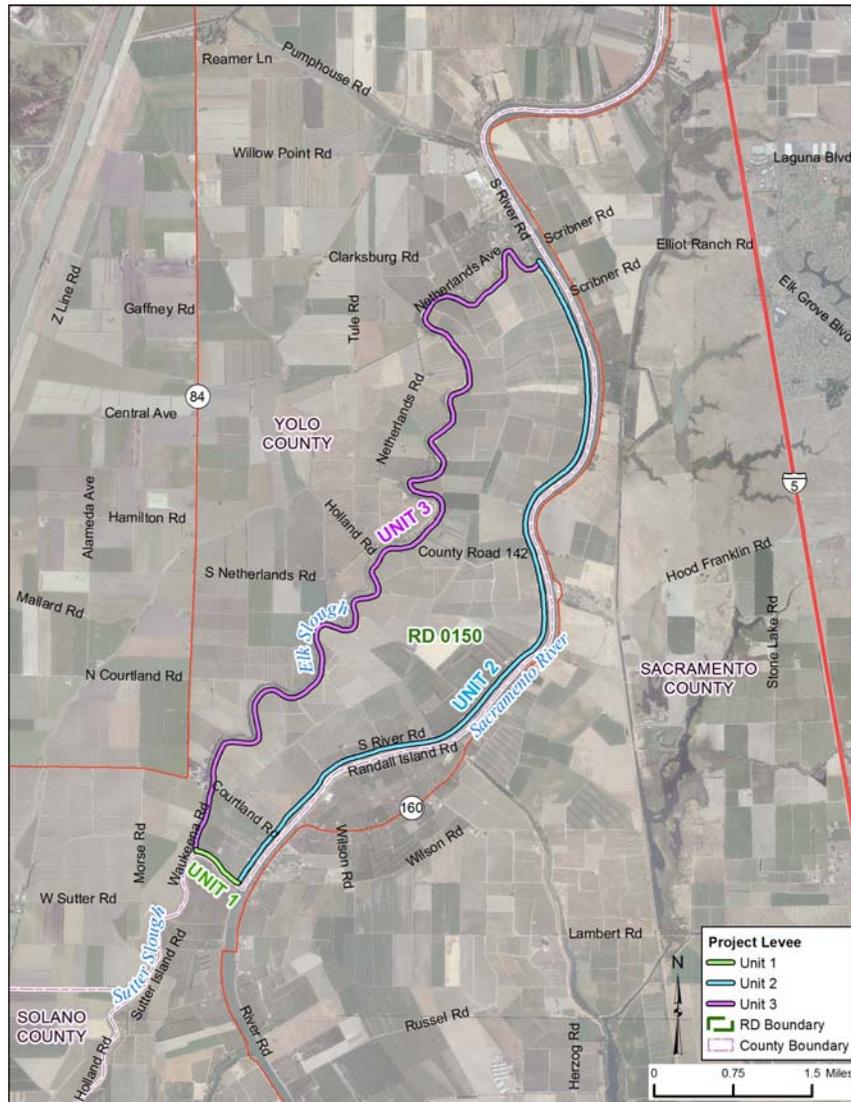
No information was provided by the Agency for Part 5.

Reclamation District No. 0150 Merrit Island

Yolo County

Contact

Warren Bogle
49762 Hamilton Road
Clarksburg CA 95612
Phone: (916) 744-1139



Levee Short Name : RD0150

Bank Unit Length (Miles)

Unit No. 01 Sutter Slough	LB	0.54
Unit No. 02 Sacramento River	RB	7.95
Unit No. 03 Elk Slough	LB	9.58

Threat Assessment & Recommendations

- The LMA should focus more on controlling woody vegetation.
- The LMA should work with landowners and the CVFPB to control unauthorized encroachments.

SACRAMENTO SYSTEM : Reclamation District No. 0150 Merrit Island

DWR Levee Inspection Summary

RD0150	Total LMA Miles		18.07									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	A				A							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	0.11		0.11	0.61	0.21		0.21	1.16	0.10		0.10	0.55
Trim / Thin Trees	0.28		0.28	1.55	0.46		0.46	2.55	0.18		0.18	1.00
Encroachments	0.27		0.27	1.49	0.15		0.15	0.83	-0.12		-0.12	-0.66
Animal Control	0.03		0.03	0.17	0.02		0.02	0.11	-0.01		-0.01	-0.06
Slope Stability	0.09		0.09	0.50	0.08		0.08	0.44	-0.01		-0.01	-0.06
Erosion / Bank Caving	0.07		0.07	0.39	0.06		0.06	0.33	-0.01		-0.01	-0.06
Crown Surface / Depressions / Rutting	0.07		0.07	0.39	0.04		0.04	0.22	-0.03		-0.03	-0.17
<i>Supplemental</i>												
USACE Erosion Survey	0.01		0.01	0.06	0.01		0.01	0.06				0.00
LMA Totals:	0.93	0.00	0.93	5.15	1.03	0.00	1.03	5.70	0.10	0.00	0.10	0.55

RD 150

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

Unit No. 02 Sacramento River

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
SAC_38-5_R	38.50	4.50	4.50	eroding	M

Unit No. 03 Elk Slough

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
SAC_38-5_R	0.20	0.00	9.40	eroding	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 0150 - Merrit Island	17.73	Inactive	10/15/2009	N/A

DWR Summary of Local Maintaining Agency Report

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 referred to the DWR Spring and Fall Inspection Reports for the latest information. The 2012 Spring Levee Inspection Report provided unacceptable ratings for vegetation at various levee miles at Levee Unit 2.

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 for all levee units and the locations of these activities. Activities included gate maintenance and access control, inspections, rodent control, tree trimming, and vegetation spraying 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 planned for all levee units. Expenses include costs of erosion repair, gate maintenance and access control, inspections, roadway grading and maintenance, rodent control, surveying and engineering, tree trimming and pruning, and vegetation mowing and spraying. The reported total estimated cost for the current fiscal year is \$91,500.

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 CVFPB or DWR

The Agency stated that the a Five Year Plan outlining potential projects and on-going maintenance activities has been prepared.

**Reclamation District
No. 0307
Lisbon**

Yolo County

Contact

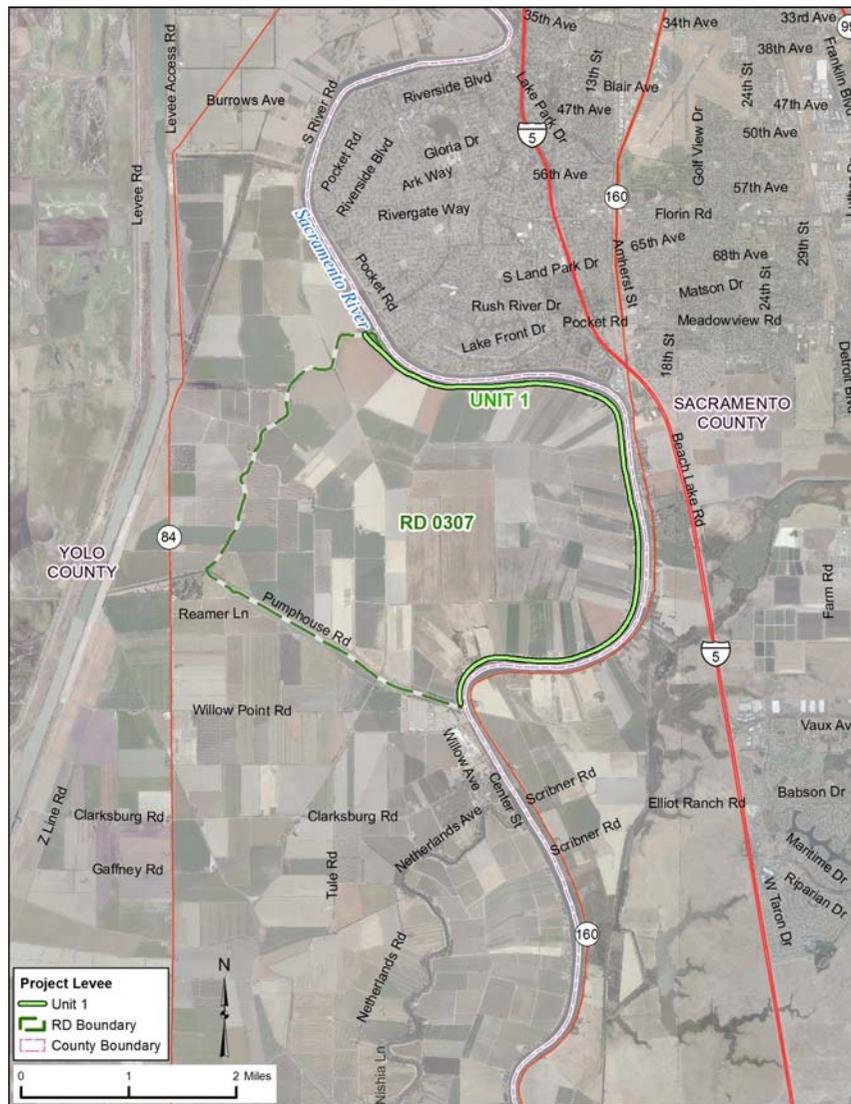
Pete Dwyer

PO Box 518

Clarksburg CA 95612

Phone: (916) 371-2351

RD 307



Levee Short Name : RD0307

Bank Unit Length (Miles)

Unit No. 01 Sacramento River

RB

6.65

Threat Assessment & Recommendations

- There is significant rodent activity in this Area.
- The LMA should enhance its rodent control program.
- The LMA should focus more on controlling vegetation to maintain visibility and access.

SACRAMENTO SYSTEM : Reclamation District No. 0307 Lisbon

DWR Levee Inspection Summary

RD0307	Total LMA Miles		6.65									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	M				U							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	0.21		0.21	3.16	0.51		0.51	7.67	0.30		0.30	4.51
Trim / Thin Trees	0.09		0.09	1.35	0.07		0.07	1.05	-0.02		-0.02	-0.30
Encroachments	0.01		0.01	0.15	0.09		0.09	1.35	0.08		0.08	1.20
Animal Control	0.08		0.08	1.20	1.99		1.99	29.93	1.91		1.91	28.72
Erosion / Bank Caving		0.02	0.08	1.20		0.02	0.08	1.20				0.00
<i>Supplemental</i>												
USACE Erosion Survey	0.37		0.37	5.56	0.44		0.44	6.62	0.07		0.07	1.05
<i>LMA Totals:</i>	0.76	0.02	0.84	12.63	3.10	0.02	3.18	47.82	2.34	0.00	2.34	35.19

RD 307

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

Unit No. 01 Sacramento River

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
SAC_48-6_R	48.60	1.20	1.31	eroding new	M
SAC_48-6_R	43.20	6.19	6.39	eroding	M
SAC_48-6_R	43.10	6.43	6.56	eroding	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
West Sacramento - SacYolo South	60.45	Active		Pending

DWR Summary of Local Maintaining Agency Report

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 concurred with the information contained in the Spring 2012 Levee Inspection Report. The Spring 2012 Levee Inspection Report provided unacceptable ratings for erosion at Levee Unit 1, LM 2.43 to 2.45, encroachments at LM 3.71 to 3.75, 4.43 to 4.44, and 4.64 to 4.68, and vegetation at LM 5.21 to 5.23 and 5.71 to 5.74.

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 concurred with the information contained in the Spring 2012 Levee Inspection Report. The Spring 2012 Levee Inspection Report provided unacceptable ratings for erosion at Levee Unit 1, LM 2.43 to 2.45, encroachments at LM 3.71 to 3.75, 4.43 to 4.44, and 4.64 to 4.68, and vegetation at LM 5.21 to 5.23 and 5.71 to 5.74.

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

The Agency referred to the Inspection Items/Corrective Actions submitted for Summer 2012 Levee Inspection Report for a summary of its maintenance activities. The Agency also reported ongoing corrective actions performed in response to DWR inspection comments. The corrective actions included encroachment, rodent, and vegetation control. The reported total routine maintenance cost for the previous fiscal year was \$65,952.

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 referred to the fiscal year 2012-2013 application to the Delta Levee Subventions Program for a summary of planned maintenance activities for 6.59 miles of Project Levees. Expenses include costs of encroachment control, erosion repair, flood emergency planning, inspection, levee drainage control, levee profile and cross sections, program management, roadway grading and repair, seepage control, vegetation control, and waterside slope protection. The reported anticipated budget for the current 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 CVFPB or DWR

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

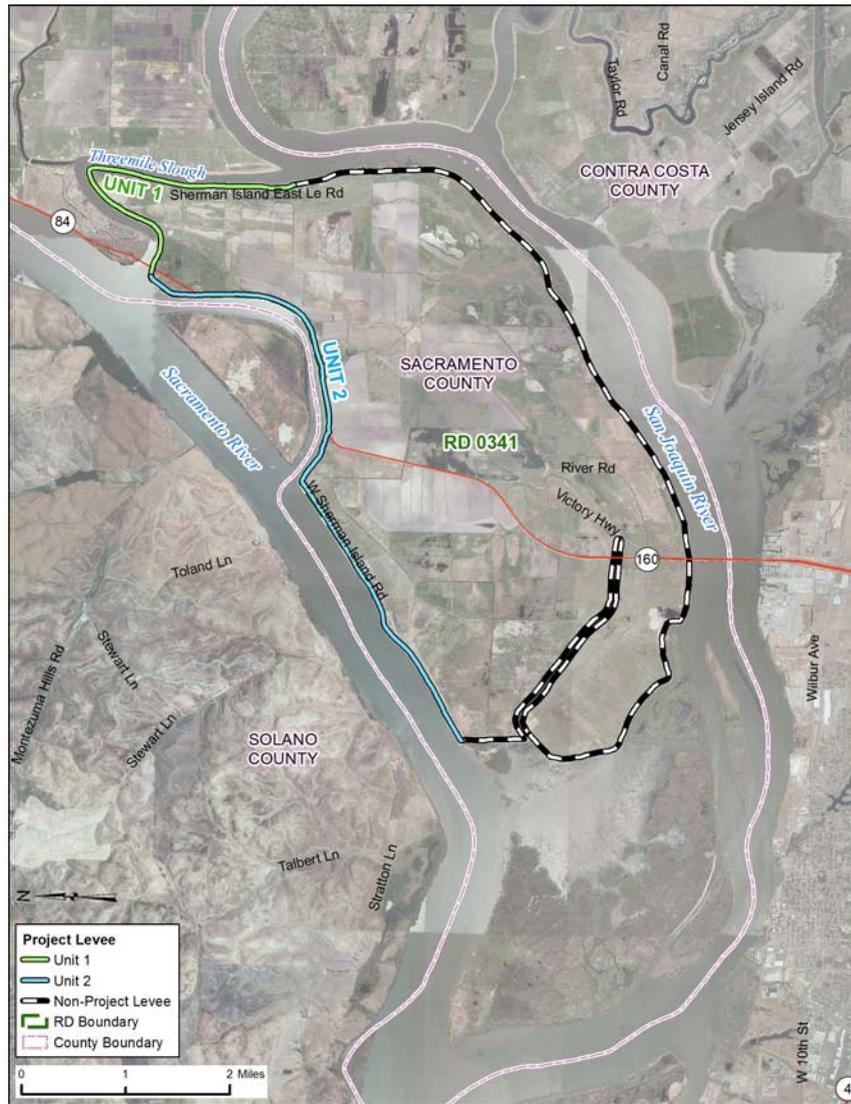
**Reclamation District
No. 0341
Sherman Island**

RD 341

Sacramento County

Contact

Juan Mercado Jr
District Office • 18419 State Highway 160
Rio Vista CA 94571
Phone: (916) 777-4244



Levee Short Name : RD0341

Bank Unit Length (Miles)

Unit No. 01 Threemile Slough	RB	3.34
Unit No. 02 Sacramento River	LB	6.28

Threat Assessment & Recommendations

- There is vegetation that significantly impacts access and visibility in this Area.
- The LMA should focus more on controlling vegetation to maintain visibility and access.
- The LMA should focus on repairing erosion sites.

SACRAMENTO SYSTEM : Reclamation District No. 0341 Sherman Island

DWR Levee Inspection Summary

RD0341	Total LMA Miles		9.62									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	M *				U							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation					1.87		1.87	19.44	1.87		1.87	19.44
Trim / Thin Trees	0.03		0.03	0.31					-0.03		-0.03	-0.31
<i>Supplemental</i>												
USACE Erosion Survey	0.28	0.05	0.48	4.99	0.04	0.29	1.20	12.47	-0.24	0.24	0.72	7.48
LMA Totals:	0.31	0.05	0.51	5.30*	1.91	0.29	3.07	31.91	1.60	0.24	2.56	26.61

* Overall LMA Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall LMA Rating is M instead of A.

RD 341

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

Unit No. 02 Sacramento River

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
SAC_8-2_L	8.20	4.15	4.19	eroding	M
SAC_8-2_L	8.00	4.52	4.60	critical	U
SAC_8-2_L	7.90	4.73	4.81	critical	U
SAC_8-2_L	7.30	5.96	6.09	critical	U

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 0341 - Sherman Island	9.63	Active		N/A

DWR Summary of Local Maintaining Agency Report

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 referred to DWR's Inspection Reports for the relevant information. The Spring 2012 Levee Inspection Report provided unacceptable ratings for erosion at Levee Unit 2, LM 5.98 to 6.03 and vegetation at LM 6.21 to 6.31.

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 referred to DWR's Inspection Reports for relevant information on Levee Unit 1. The Spring 2012 Inspection Report provides minimally acceptable to acceptable ratings for all inspected items of Levee Unit 1. The Agency reported the levee is in a need of riprap slope protection repair at Levee Unit 2 between station 692+00 and 850+00. The Agency reported seepage at Levee Unit 2 between station 870+00 and 940+00 and mentioned a need for levee improvement at Levee Unit 2 between station 698+00 and 700+00 to meet USACE PL 84-99 standards.

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 location of these activities. Activities included cleaning of drain and toe ditches, debris removal, erosion repair, inspections, repair of station markers, roadway maintenance, rodent control, 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 planned for all levee units and the location of these activities. Expenses include costs of debris removal, drain and toe ditch cleaning, encroachment control, erosion repair, flood emergency planning, habitat assessment, levee profiles and cross-sections, rodent control, routine levee inspections, vegetation control, and waterside slope protection repair. The reported total estimated cost for the current fiscal year is \$600,000.

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 CVFPB or DWR

No information was provided by the Agency for Part 5.

RD 341

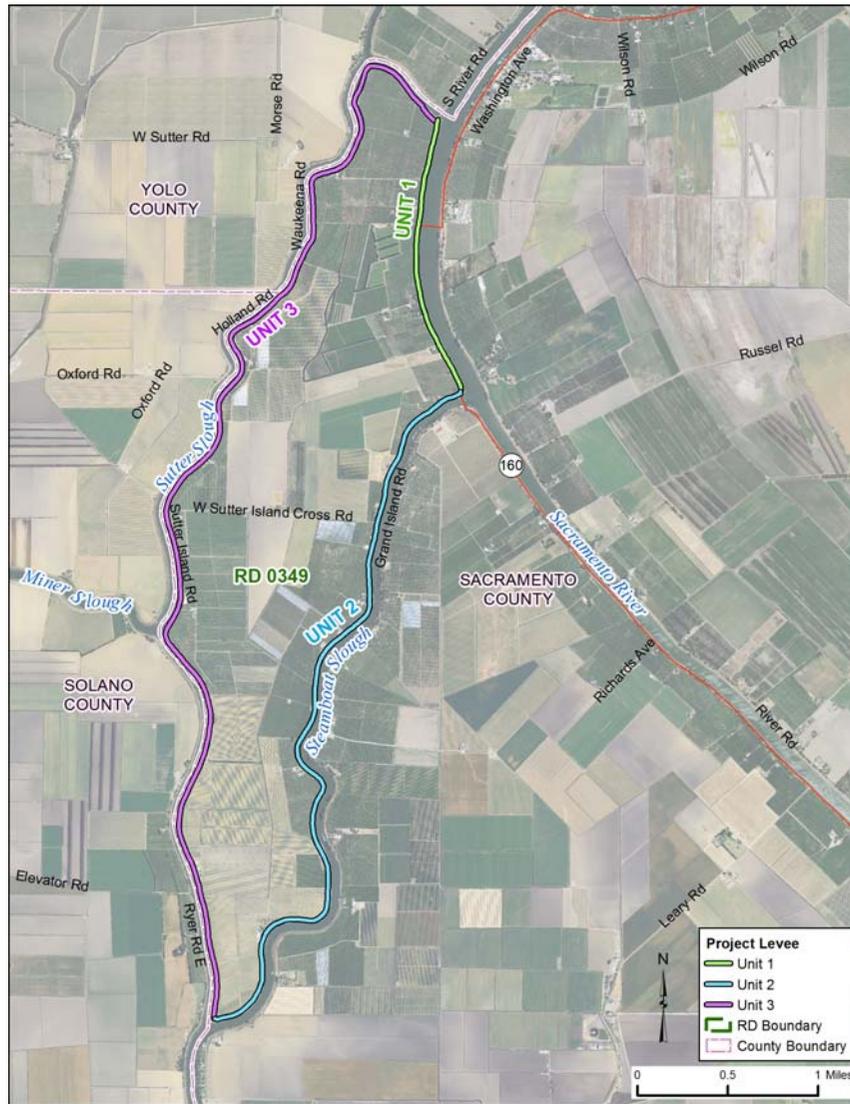
**Reclamation District
No. 0349
Sutter Island**

RD 349

Sutter County

Contact

Richard Elliot
DCC Engineering • PO Box 929
Walnut Grove CA 95690
Phone: (916) 776-9122



Levee Short Name : RD0349

Bank Unit Length (Miles)

Unit No. 01 Sacramento River	RB	1.59
Unit No. 02 Steamboat Slough	RB	4.35
Unit No. 03 Sutter Slough	LB	6.55

Threat Assessment & Recommendations

- There is vegetation that significantly impacts access and visibility in this Area.
- The LMA should focus more on controlling vegetation to maintain visibility and access.
- The LMA should ensure that the levee crown and access roads are able to be driven in all weather conditions.

SACRAMENTO SYSTEM : Reclamation District No. 0349 Sutter Island

DWR Levee Inspection Summary

RD0349	Total LMA Miles		12.49									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	U				U							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	3.21	0.20	4.01	32.11	5.89	0.13	6.41	51.32	2.68	-0.07	2.40	19.22
Trim / Thin Trees	0.01		0.01	0.08	0.26		0.26	2.08	0.25		0.25	2.00
Encroachments	0.53	0.04	0.69	5.52	0.11	0.01	0.15	1.20	-0.42	-0.03	-0.54	-4.32
Crown Surface / Depressions / Rutting					1.81	1.01	5.85	46.84	1.81	1.01	5.85	46.84
Operations & Maintenance Manuals					0.12		0.12	0.96	0.12		0.12	0.96
Emergency Supplies & Equipment					0.12		0.12	0.96	0.12		0.12	0.96
Flood Preparedness & Training					0.12		0.12	0.96	0.12		0.12	0.96
<i>Supplemental</i>												
USACE Erosion Survey	0.65	0.01	0.69	5.52	0.59	0.18	1.31	10.49	-0.06	0.17	0.62	4.96
<i>LMA Totals:</i>	4.40	0.25	5.40	43.23	9.03	1.33	14.35	114.89	4.63	1.08	8.94	71.66

RD 349

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

Unit No. 02 Steamboat Slough

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
STM_25-8_R	25.80	0.34	0.39	eroding	M
STM_25-8_R	25.50	0.60	0.71	eroding	M
STM_25-8_R	24.70	1.33	1.51	critical	U
STM_25-8_R	24.10	2.04	2.05	eroding	M
STM_25-8_R	23.90	2.11	2.15	eroding	M
STM_25-8_R	23.60	2.56	2.70	eroding	M
STM_25-8_R	22.80	3.37	3.49	eroding	M

Unit No. 03 Sutter Slough

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
STM_25-8_R	26.50	4.59	4.71	eroding	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 0349 - Sutter Island	12.40	Inactive	07/28/2008	N/A

DWR Summary of Local Maintaining Agency Report

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 long standing issues of steep bank and erosion at LM 1.57 and a water side erosion at LM 2.44.

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 long standing issues of steep bank and erosion at LM 1.57 and water side erosion at LM 2.44.

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 included vegetation brushing, grazing 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 planned vegetation control activities for all levee units and stated that budget information was unavailable at the reporting time. The reported planned maintenance activities for the current fiscal year include vegetation brushing, grazing and trimming.

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

The Agency reported about the 2012 USACE Erosion Survey.

RD 349

**Reclamation District
No. 0369
Libby McNeil**

RD 369

Sacramento County

Contact

Clarence Chu
District Office • PO Box 987
Walnut Grove CA 95690
Phone: (916) 776-1661



Levee Short Name : RD0369

Bank Unit Length (Miles)

Unit No. 01 Steamboat Slough

LB

0.80

Threat Assessment & Recommendations

- There is vegetation that significantly impacts access and visibility in this Area.
- The LMA should focus more on controlling vegetation to maintain visibility and access.

DWR Levee Inspection Summary

RD0369	Total LMA Miles		0.80									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	M				U							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	0.14		0.14	17.50	0.67		0.67	83.75	0.53		0.53	66.25
Trim / Thin Trees	0.01		0.01	1.25	0.01		0.01	1.25				0.00
Operations & Maintenance Manuals					0.01		0.01	1.25	0.01		0.01	1.25
Emergency Supplies & Equipment					0.01		0.01	1.25	0.01		0.01	1.25
Flood Preparedness & Training					0.01		0.01	1.25	0.01		0.01	1.25
<i>LMA Totals:</i>	0.15	0.00	0.15	18.75	0.70	0.00	0.70	87.50	0.55	0.00	0.56	68.75

RD 369

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
No USACE Ratings available.				

DWR Summary of Local Maintaining Agency Report

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 was 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 was 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 was 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 was 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 CVFPB or DWR

No information was provided by the Agency for Part 5.

**Reclamation District
No. 0501
Ryer Island**

RD 501

Solano County

Contact

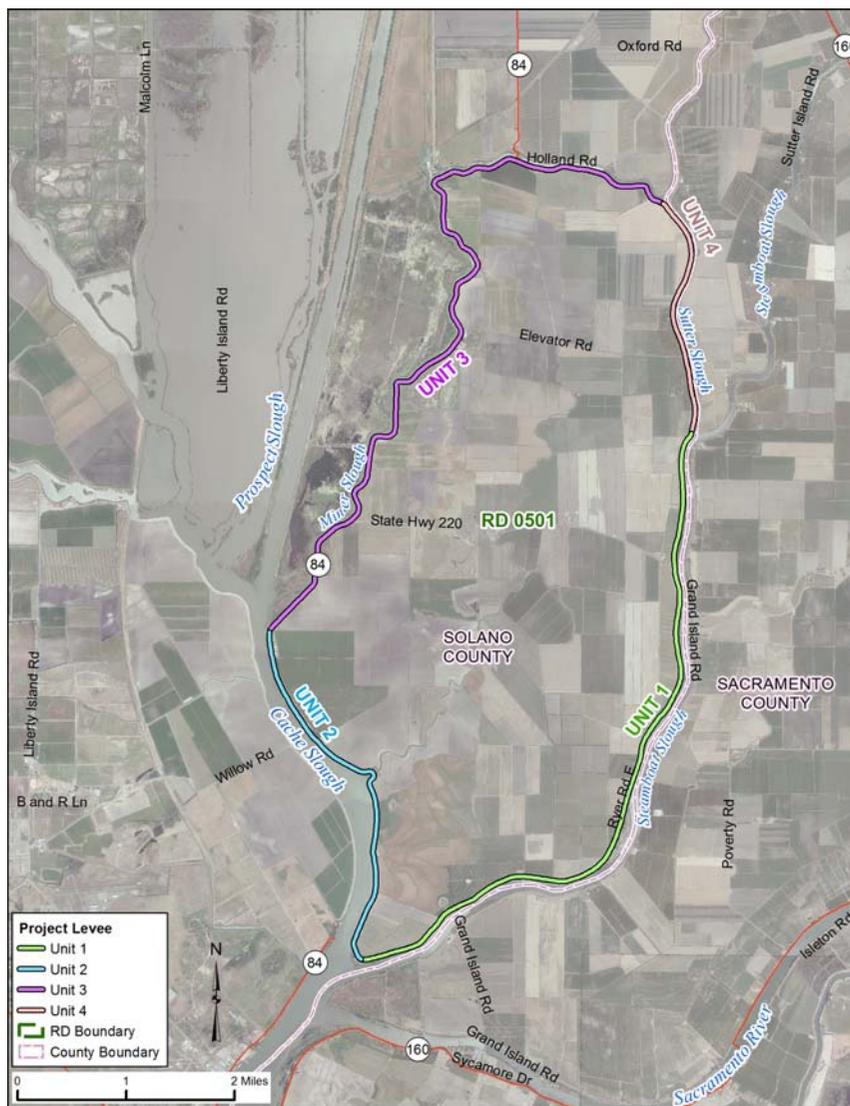
Neil Hamilton

District Office • 3554 State Highway 84

Walnut Grove CA 95690

Phone: (916) 775-1411

RD 501



SACRAMENTO SYSTEM : Reclamation District No. 0501 Ryer Island

Levee Short Name : RD0501

Bank Unit Length (Miles)

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

Threat Assessment & Recommendations

- There is vegetation that significantly impacts access and visibility in this Area.
- The LMA should focus more on controlling vegetation to maintain visibility and access.

RD 501

DWR Levee Inspection Summary

RD0501	Total LMA Miles		20.48									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	U				U							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	11.30	1.77	18.38	89.75	20.95	1.08	25.27	123.39	9.65	-0.69	6.89	33.64
Trim / Thin Trees	3.58	0.20	4.38	21.39	1.62	0.07	1.90	9.28	-1.96	-0.13	-2.48	-12.11
Encroachments	0.02	0.01	0.06	0.29	0.02	0.02	0.10	0.49		0.01	0.04	0.20
Animal Control	0.52		0.52	2.54	0.53		0.53	2.59	0.01		0.01	0.05
Slope Stability					0.01		0.01	0.05	0.01		0.01	0.05
Erosion / Bank Caving	0.06	0.01	0.10	0.49	0.07	0.01	0.11	0.54	0.01		0.01	0.05
Operations & Maintenance Manuals					0.20		0.20	0.98	0.20		0.20	0.98
<i>Supplemental</i>												
USACE Erosion Survey	0.14		0.14	0.68	0.23		0.23	1.12	0.09		0.09	0.44
LMA Totals:	15.62	1.99	23.58	115.14	23.63	1.18	28.35	138.43	8.01	-0.81	4.77	23.29

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

Unit No. 01 Steamboat Slough

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
STM_18-9_R	18.90	2.85	2.93	eroding	M
STM_18-9_R	18.80	3.02	3.09	eroding	M
STM_18-9_R	15.70	5.75	5.82	eroding	M

Unit No. 02 Cache Slough

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
STM_18-9_R	15.90	1.12	1.13	eroding	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 0501 - Ryer Island	20.25	Active		N/A

RD 501

DWR Summary of Local Maintaining Agency Report

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 concurred with the information contained in the Spring 2012 Levee Inspection Report. The Spring 2012 Levee Inspection Report provided unacceptable ratings for vegetation at Levee Unit 1, 3 and 4 at various locations, for encroachment at Levee Unit 1 at LM 5.93, and for erosion at Levee Unit 3 at LM 5.5.

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 concurred with the information contained in the Spring 2012 Levee Inspection Report. The Spring 2012 Levee Inspection Report provided unacceptable rating for vegetation at Levee Unit 1, 3 and 4 at various locations, for encroachment at Levee Unit 1 at LM 5.93, and for erosion at Levee Unit 3 at LM 5.5.

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

The Agency referred to the Inspection Items/Corrective Action submitted for Summer 2012 Levee Inspection Report. The Agency also reported corrected and ongoing corrective actions in response to DWR inspection comments. The corrected actions included encroachment control, erosion site monitoring, and vegetation control. The Agency also provided total routine maintenance cost for the previous fiscal year as \$73,611.

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 referred to the fiscal year 2012-2013 application to the Delta Subventions Program for a summary of estimated cost and maintenance activities planned for 20.6 miles of Project Levees. Expenses include costs of encroachment control, erosion repair, flood emergency planning, inspection, levee drainage control, levee profile and cross sections, management and accounting, program management, roadway grading and repair, rodent control, seepage control, vegetation control, and waterside slope protection. The reported anticipated budget for the current fiscal year is \$80,000.

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 CVFPB or DWR

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

RD 501

**Reclamation District
No. 0536
Egbert**

Solano County

Contact

Page Baldwin, Jr
District Office • PO Box 785
Rio Vista CA 94571
Phone: (707) 374-5478

RD 536

RD 536



Levee Short Name : RD0536

Bank Unit Length (Miles)

Unit No.	Bank	Unit Length (Miles)
01 Lindsey Slough	RB	5.66
02 Yolo Bypass	RB	4.97

Threat Assessment & Recommendations

- There is vegetation that significantly impacts access and visibility in this Area.
- The LMA should focus more on controlling vegetation to maintain visibility and access.
- The LMA should ensure that the levee crown and access roads are able to be driven in all weather conditions.

DWR Levee Inspection Summary

RD0536	Total LMA Miles		10.63									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	U				U							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	9.86	5.71	32.70	307.62	14.27	12.97	66.15	622.30	4.41	7.26	33.45	314.68
Trim / Thin Trees					0.01		0.01	0.09	0.01		0.01	0.09
Encroachments	0.12		0.12	1.13	0.06		0.06	0.56	-0.06		-0.06	-0.57
Erosion / Bank Caving	0.02		0.02	0.19	0.01	0.01	0.05	0.47	-0.01	0.01	0.03	0.28
Cracking	0.62		0.62	5.83	0.62		0.62	5.83	0.00			0.00
Crown Surface / Depressions / Rutting	2.24		2.24	21.07	6.61	2.66	17.25	162.28	4.37	2.66	15.01	141.20
Repair Gates						0.01	0.04	0.38		0.01	0.04	0.38
Operations & Maintenance Manuals					0.11		0.11	1.04	0.11		0.11	1.04
Emergency Supplies & Equipment					0.11		0.11	1.04	0.11		0.11	1.04
Flood Preparedness & Training					0.11		0.11	1.04	0.11		0.11	1.04
<i>Supplemental</i>												
USACE Erosion Survey	0.52		0.52	4.89	0.38		0.38	3.58	-0.14		-0.14	-1.32
<i>LMA Totals:</i>	13.38	5.71	36.22	340.73	22.28	15.65	84.88	798.49	8.90	9.94	48.67	457.76

RD 536

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

Unit No. 01 Lindsey Slough

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
LDS_0-6_R	0.00	0.67	0.98	eroding	M
LDS_0-6_R	0.80	4.94	4.96	eroding	M
LDS_0-6_R	0.70	4.99	5.04	eroding	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 0536 - Egbert tract	10.58	Active		N/A

DWR Summary of Local Maintaining Agency Report

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 referred to DWR's Inspection Reports for the relevant information. The Spring 2012 Levee Inspection Report provided unacceptable ratings for uncontrolled grass and weeds on levee slopes and easements, and wild growth on levee slopes at both units at various locations. Additionally, the Spring Report mentions cracking at Unit 1, LM 1.72 to 1.76 and 2.68.

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 referred to DWR's Inspection Reports for the relevant information. The Spring 2012 Levee Inspection Report provided unacceptable rating for uncontrolled grass and weeds on levee slopes and easements, and wild growth on levee slopes at both units at various LMs. Additionally, the Spring Report mentions cracking at Unit 1, LM 1.72 to 1.76 and 2.68.

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 location of these activities. Activities included inspections, placing 3/4" Aggregate Base on the levee roadway, and 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 planned for all levee units and the location of these activities. Expenses include costs of inspections, minor repairs of gates and markers, surveying and engineering, and vegetation burning and spraying. The reported total estimated cost for the current fiscal year is \$11,000.

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 CVFPB or DWR

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

**Reclamation District
No. 0537
Lovdal**

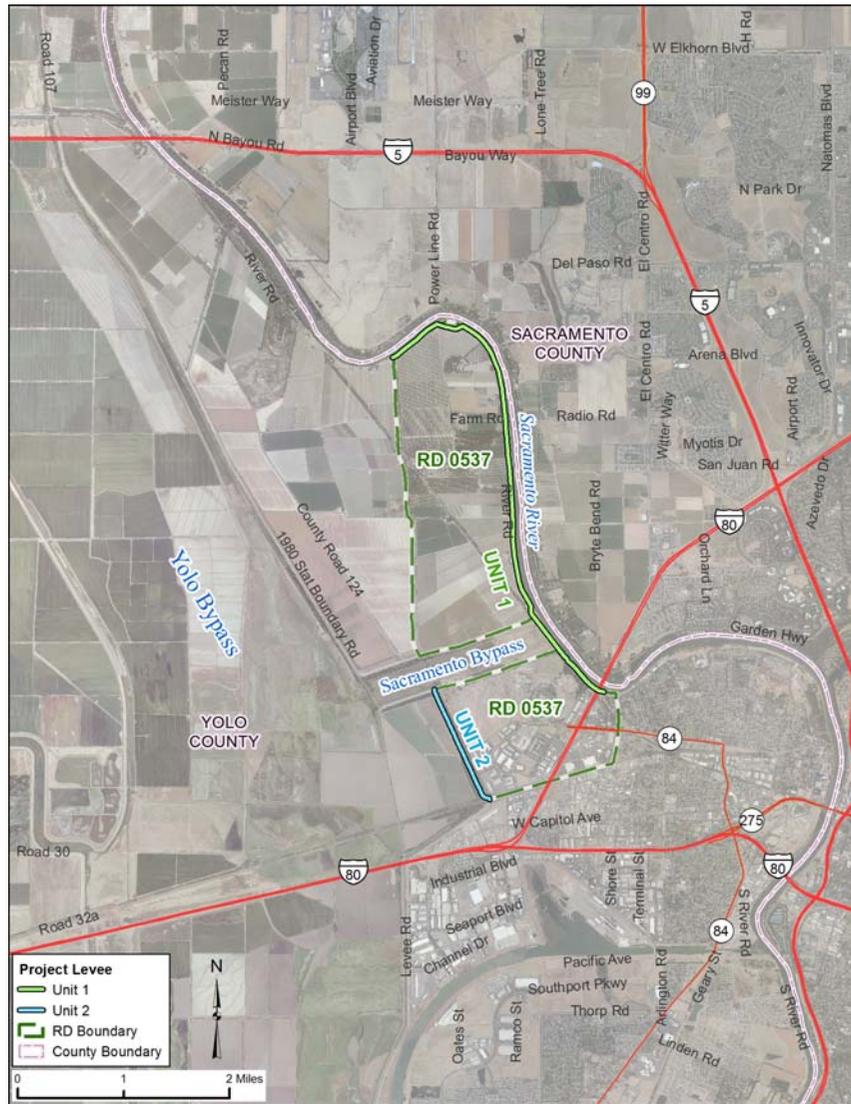
Yolo County

RD 537

Contact

Kristen Pigman
District Office • PO Box 822
West Sacramento CA 95691
Phone: (916) 371-1483

RD 537



Levee Short Name : RD0537

Bank Unit Length (Miles)

Unit No. 01 Sacramento River	RB	4.76
Unit No. 02 Yolo Bypass	LB	1.19

Threat Assessment & Recommendations

- There is significant rodent activity in this Area.
- The LMA should enhance its rodent control program.
- The LMA should focus on repairing erosion sites.

SACRAMENTO SYSTEM : Reclamation District No. 0537 Lovdal

DWR Levee Inspection Summary

RD0537	Total LMA Miles		5.95									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	A				M *							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation												0.00
Trim / Thin Trees					0.01		0.01	0.17	0.01		0.01	0.17
Encroachments	0.02		0.02	0.34					-0.02		-0.02	-0.34
Animal Control	0.03		0.03	0.50	0.02	0.01	0.06	1.01	-0.01	0.01	0.03	0.50
Slope Stability					0.01		0.01	0.17	0.01		0.01	0.17
Erosion / Bank Caving	0.03		0.03	0.50	0.04		0.04	0.67	0.01		0.01	0.17
<i>Supplemental</i>												
USACE Erosion Survey	0.06		0.06	1.01	0.07		0.07	1.18	0.01		0.01	0.17
LMA Totals:	0.14	0.00	0.14	2.35	0.15	0.01	0.19	3.19*	0.01	0.01	0.05	0.84

* Overall LMA Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall LMA Rating is M instead of A.

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

RD 537

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

Unit No. 01 Sacramento River

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
SAC_63-0_R	63.00	4.22	4.25	eroding	M
SAC_63-0_R	62.90	4.28	4.32	eroding	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 1600, 0827, 0785, and 0537 - SacYolo North	32.06	Partial Inactive	10/01/2007	U
West Sacramento - SacYolo South	60.45	Active		Pending

DWR Summary of Local Maintaining Agency Report

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 northern point of Monument Bend at Levee Unit 1 has steep grade due to erosion.

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 northern point of Monument Bend at Levee Unit 1 has steep grade due to erosion.

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 location of these activities. Activities included rodent 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 an estimated total cost for the planned maintenance activities and other related expenses for the current fiscal year. The reported total estimated cost is \$259,750.

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

No information was provided by the Agency for Part 5.

RD 537

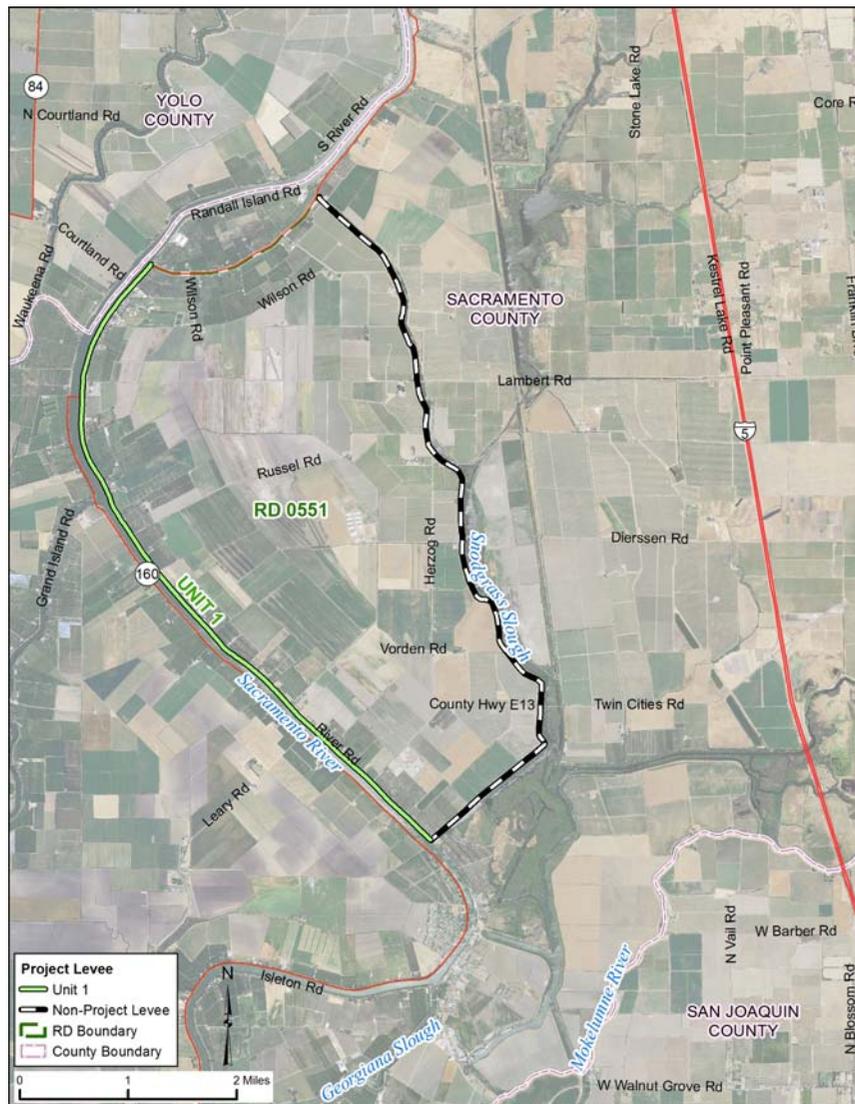
Reclamation District No. 0551 Pearson

Sacramento County

RD 551

Contact

Topper Van Loben Sels
District Office • PO Box 7
Walnut Grove CA 95690
Phone: (916) 439-3291



Levee Short Name : RD0551	Bank	Unit Length (Miles)
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Unit No. 01 Sacramento River	LB	6.84
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Threat Assessment & Recommendations

- There is erosion occurring in this Area that should be monitored.
- The LMA should focus on repairing erosion sites.
- The LMA should enhance its rodent control program.

SACRAMENTO SYSTEM : Reclamation District No. 0551 Pearson

DWR Levee Inspection Summary

RD0551	Total LMA Miles		6.84									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	A				M *							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation												0.00
Encroachments	0.04		0.04	0.59					-0.04		-0.04	-0.59
Animal Control	0.02		0.02	0.29	0.02		0.02	0.29				0.00
Erosion / Bank Caving						0.01	0.04	0.58		0.01	0.04	0.58
<i>LMA Totals:</i>	0.06	0.00	0.06	0.88	0.02	0.01	0.06	0.88*	-0.04	0.01	0.00	0.00

* Overall LMA Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall LMA Rating is M instead of A.

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 0551 and RD 0755 - Pierson District	9.58	Partial Inactive	07/28/2008	Pending

RD 551

DWR Summary of Local Maintaining Agency Report

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 performed for all levee units and the location of these activities. Activities included encroachment control, inspections, removal of dead trees from levee slopes, rodent control, tree trimming and pruning, and vegetation control through herbicide spraying, livestock 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 costs and maintenance activities planned for all levee units and the location of these activities. Expenses include costs of encroachment control, inspections, removal of dead trees from the levee slope, rodent control, surveying and engineering, tree trimming and pruning, and vegetation control through livestock grazing, herbicide spraying and mowing. The reported total estimated cost for the current fiscal year is \$47,500.

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 CVFPB or DWR

The Agency reported that a Five Year Plan outlining potential projects and on-going maintenance activities has been prepared.

**Reclamation District
No. 0554
Walnut Grove**

Sacramento County

RD 554

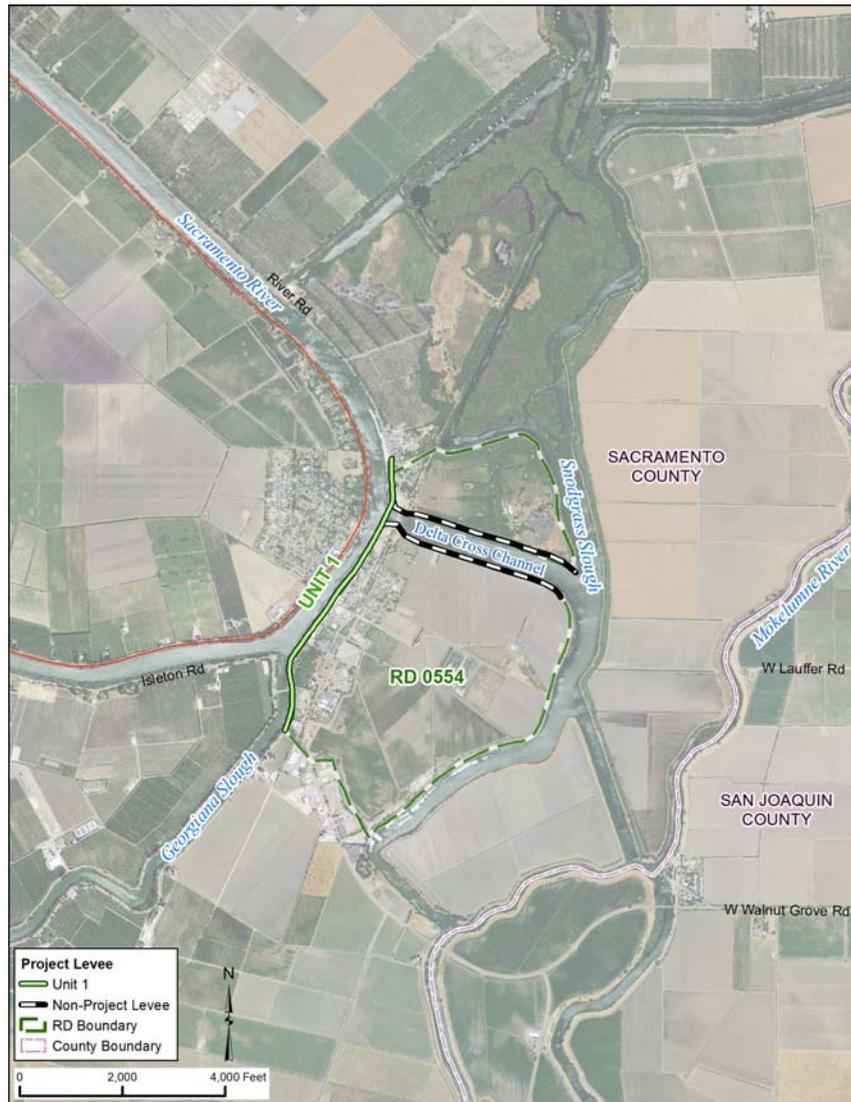
Contact

Jeff Trantum

PO Box 984

Walnut Grove CA 95690

Phone: (916) 776-1945



Levee Short Name : RD0554

Bank Unit Length (Miles)

Unit No. 01 Sacramento River

LB

1.09

Threat Assessment & Recommendations

- There is vegetation that significantly impacts access and visibility in this Area.
- The LMA should focus more on controlling vegetation to maintain visibility and access.

SACRAMENTO SYSTEM : Reclamation District No. 0554 Walnut Grove

DWR Levee Inspection Summary

RD0554	Total LMA Miles		1.09									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	M				M							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation					0.05		0.05	4.59	0.05		0.05	4.59
Encroachments					0.01		0.01	0.92	0.01		0.01	0.92
Emergency Supplies & Equipment					0.01		0.01	0.92	0.01		0.01	0.92
<i>Supplemental</i>												
USACE Erosion Survey	0.11		0.11	10.09	0.09		0.09	8.26	-0.02		-0.02	-1.84
<i>LMA Totals:</i>	0.11	0.00	0.11	10.09	0.16	0.00	0.16	14.68	0.05	0.00	0.05	4.59

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

Unit No. 01 Sacramento River

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
SAC_27-0_L	27.00	0.25	0.34	eroding	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
No USACE Ratings available.				

RD 554

DWR Summary of Local Maintaining Agency Report

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 landside back slope at Levee Unit 1 does not meet 3:1 standard for urban levees at Snodgrass Slough STA 80+00 to 147+50.

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 landside back slope at Levee Unit 1 does not meet 3:1 standard for urban levees at Snodgrass Slough STA 80+00 to 147+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 performed for all levee units and the location of these activities. Activities included vegetation thinning and trimming along Sacramento River left bank Station 0+00 to 45+50, and vegetation spraying at all levee units.

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 referred to the fiscal year 2012-2013 application to the Delta Levee Subventions Program for a summary of estimated cost and maintenance activities planned for 3.4 mile of Project and Non-Project Levees. Expenses include costs of encroachment control, engineering services, environmental compliance, rodent control, underwater surveys, vegetation control, and waterside slope repair. The reported total estimated cost for the current fiscal year is \$48,300.

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

No information was provided by the Agency for Part 5.

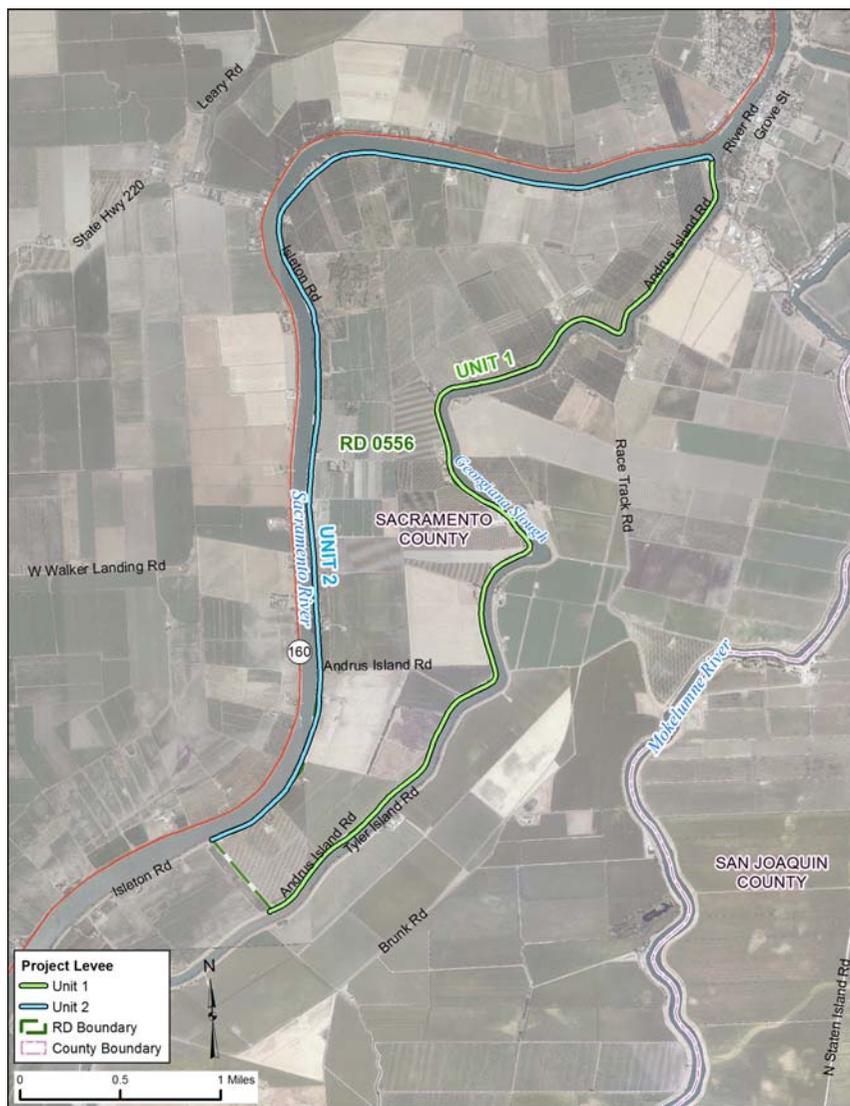
**Reclamation District
No. 0556
Upper Andrus**

Sacramento County

RD 556

Contact

Kevin P Steward
District Office • PO Box 1046
Walnut Grove CA 95690
Phone: (916) 776-2092



Levee Short Name : RD0556

Bank Unit Length (Miles)

Unit No. 01 Georgiana Slough	RB	5.47
Unit No. 02 Sacramento River	LB	5.72

Threat Assessment & Recommendations

- There is vegetation that significantly impacts access and visibility in this Area.
- The LMA should focus more on controlling vegetation to maintain visibility and access.
- The LMA should enhance its rodent control program.

SACRAMENTO SYSTEM : Reclamation District No. 0556 Upper Andrus

DWR Levee Inspection Summary

RD0556	Total LMA Miles		11.19									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	U				U							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	4.07	0.03	4.19	37.44	21.96	1.40	27.56	246.29	17.89	1.37	23.37	208.85
Trim / Thin Trees	3.27	0.02	3.35	29.94	4.55	0.03	4.67	41.73	1.28	0.01	1.32	11.80
Encroachments	0.02	0.22	0.90	8.04	0.01	0.09	0.37	3.31	-0.01	-0.13	-0.53	-4.74
Animal Control	0.27		0.27	2.41	3.58		3.58	31.99	3.31		3.31	29.58
Erosion / Bank Caving	0.01		0.01	0.09	0.06		0.06	0.54	0.05		0.05	0.45
Closure Structures					0.30		0.30	2.68	0.30		0.30	2.68
Operations & Maintenance Manuals					0.11		0.11	0.98	0.11		0.11	0.98
Emergency Supplies & Equipment					0.11		0.11	0.98	0.11		0.11	0.98
Flood Preparedness & Training					0.11		0.11	0.98	0.11		0.11	0.98
<i>Supplemental</i>												
USACE Erosion Survey	1.19		1.19	10.63	1.15		1.15	10.28	-0.04		-0.04	-0.36
<i>LMA Totals:</i>	8.83	0.27	9.91	88.56	31.95	1.52	38.03	339.86	23.12	1.25	28.11	251.30

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

RD 556

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

Unit No. 01 Georgiana Slough

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
GEO_7-0_R	7.00	5.11	5.26	eroding	M

Unit No. 02 Sacramento River

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
GEO_7-0_R	26.00	0.31	0.60	eroding	M
GEO_7-0_R	25.20	1.08	1.16	eroding	M
GEO_7-0_R	24.80	1.45	1.59	eroding	M
GEO_7-0_R	23.30	2.93	3.05	eroding	M
GEO_7-0_R	23.20	3.16	3.28	eroding	M
GEO_7-0_R	22.70	3.58	3.63	eroding	M
GEO_7-0_R	22.50	3.95	4.12	eroding	M
GEO_7-0_R	21.50	4.85	4.88	eroding	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
No USACE Ratings available.				

DWR Summary of Local Maintaining Agency Report

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 was 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 was 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 was 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 was 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 CVFPB or DWR

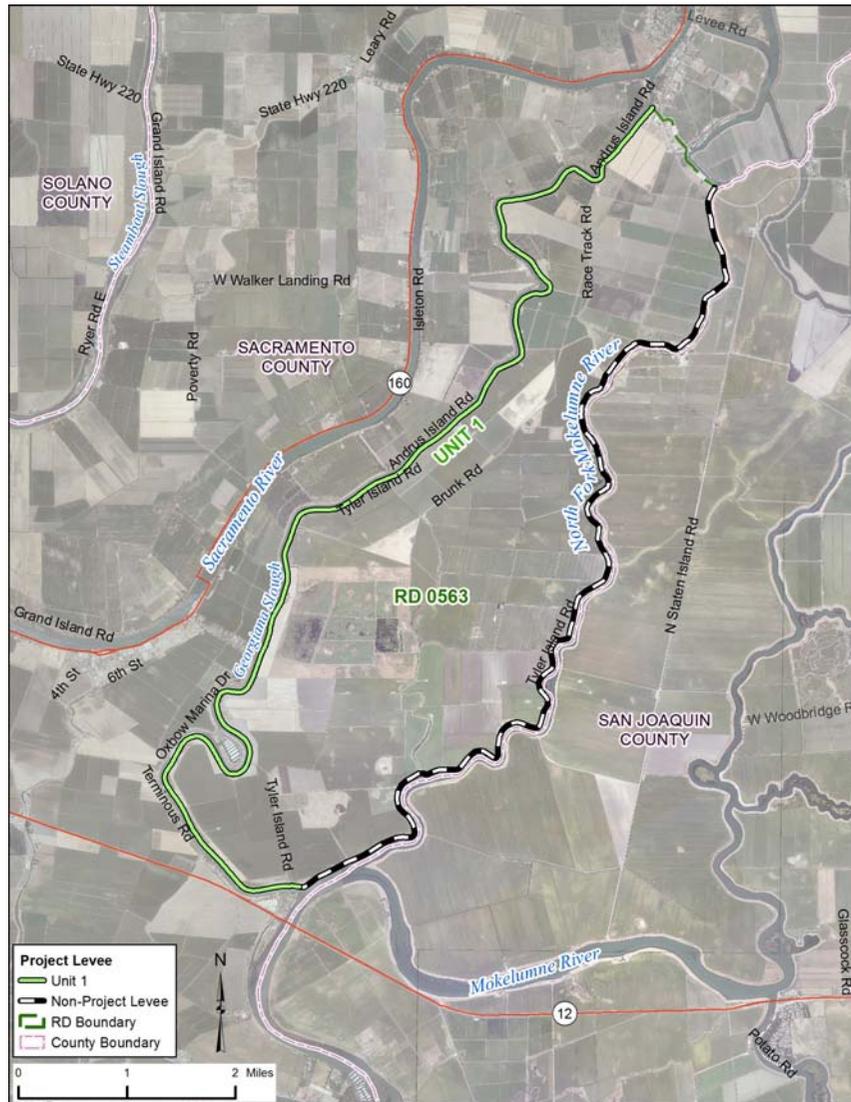
No information was provided by the Agency for Part 5.

Reclamation District No. 0563 Tyler Island

Sacramento County

Contact

Steven Mello
District Office • PO Box 470
Walnut Grove CA 95690-0470
Phone: (916) 776-2544



Levee Short Name : RD0563

Bank Unit Length (Miles)

Unit No. 01 Georgiana Slough (Tyler Island)

LB

12.38

Threat Assessment & Recommendations

- There is a significant erosion site in this Area that should be monitored.
- The LMA should focus on repairing erosion sites.
- The LMA should focus more on controlling vegetation to maintain visibility and access.

SACRAMENTO SYSTEM : Reclamation District No. 0563 Tyler Island

RD 563

DWR Levee Inspection Summary

RD0563	Total LMA Miles		12.38									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	U				U							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	0.43	0.25	1.43	11.55	0.61	0.23	1.53	12.36	0.18	-0.02	0.10	0.81
Trim / Thin Trees	0.22	0.04	0.38	3.07	0.28	0.05	0.48	3.88	0.06	0.01	0.10	0.81
Encroachments	0.25	0.01	0.29	2.34	0.22		0.22	1.78	-0.03	-0.01	-0.07	-0.57
Animal Control	0.05	0.04	0.21	1.70	0.16		0.16	1.29	0.11	-0.04	-0.05	-0.40
Slope Stability	0.02	0.01	0.06	0.48	0.02	0.01	0.06	0.48				0.00
Erosion / Bank Caving					0.01		0.01	0.08	0.01		0.01	0.08
Crown Surface / Depressions / Rutting					0.07		0.07	0.57	0.07		0.07	0.57
Operations & Maintenance Manuals					0.12		0.12	0.97	0.12		0.12	0.97
<i>Supplemental</i>												
USACE Erosion Survey	2.26	1.37	7.74	62.52	2.92	1.10	7.32	59.13	0.66	-0.27	-0.42	-3.39
<i>LMA Totals:</i>	3.23	1.72	10.11	81.66	4.41	1.39	9.97	80.53	1.18	-0.33	-0.14	-1.13

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

Unit No. 01 Georgiana Slough (Tyler Island)

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
GEO_11-0_L	11.00	1.04	1.13	eroding	M
GEO_11-0_L	9.30	2.67	2.87	eroding	M
GEO_11-0_L	8.30	4.00	4.10	eroding	M
GEO_11-0_L	7.20	5.00	5.06	eroding	M
GEO_11-0_L	6.80	5.17	5.41	critical	U
GEO_11-0_L	6.30	5.51	6.29	eroding	M
GEO_11-0_L	5.30	6.78	7.44	eroding	M
GEO_11-0_L	4.50	7.56	7.82	critical	U
GEO_11-0_L	4.30	7.87	8.07	eroding	M
GEO_11-0_L	3.80	8.28	8.76	critical	U
GEO_11-0_L	2.50	9.74	9.92	eroding	M
GEO_11-0_L	2.00	10.17	10.29	critical	U
GEO_11-0_L	1.70	10.46	10.76	eroding	M
GEO_11-0_L	0.30	11.69	12.04	eroding	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 0563 - Tyler Island	13.00	Active		N/A

DWR Summary of Local Maintaining Agency Report

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 concurred with the information contained in the Spring 2012 Levee Inspection Report. The 2012 Spring Inspection Report provided unacceptable ratings for encroachment, erosion, rodent control, slope stability and vegetation issues at various locations.

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 concurred with the information contained in the Spring 2012 Levee Inspection Report. The 2012 Spring Inspection Report provided unacceptable rating for encroachment, erosion, rodent control, slope stability and vegetation issues at various locations.

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

The Agency referred to Inspection Items/Corrective Action submitted for Summer 2012 Levee Inspection Report. The Agency reported ongoing corrective actions in response to DWR inspection comments. The corrective actions included encroachment control, erosion repair, roadway maintenance, rodent control, slope repair, tree thinning and trimming, and vegetation control. The Agency also provided total routine maintenance cost for the previous fiscal year as \$153,998.

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 referred to the fiscal year 2012-2013 application to the Delta Levee Subventions Program for a summary of estimated cost and maintenance activities planned for 10.7 miles of Non-Project Levees and 12.2 miles of Project Levees. Expenses include costs of encroachment control, erosion repair, flood emergency planning, inspection, levee drainage control, levee profile and cross sections, program management, roadway grading and repair, rodent control, seepage and boil control, vegetation control, and waterside slope protection. The reported anticipated budget for the current 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 CVFPB or DWR

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

Reclamation District No. 0755 Randall

Sacramento County

Contact

Douglas Hemly
District Office • 11275 State Highway 160
Courtland CA 95615
Phone: (916) 775-1379



Levee Short Name : RD0755

Bank Unit Length (Miles)

Unit No. 01 Sacramento River

LB

1.86

Threat Assessment & Recommendations

- There is significant rodent activity in this Area.
- The LMA should enhance its rodent control program.
- The LMA should focus more on controlling vegetation to maintain visibility and access.

SACRAMENTO SYSTEM : Reclamation District No. 0755 Randall

RD 755

DWR Levee Inspection Summary

RD0755	Total LMA Miles		1.86									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	U				U							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	0.01		0.01	0.54	1.94		1.94	104.30	1.93		1.93	103.76
Animal Control	1.23		1.23	66.13	2.40		2.40	129.03	1.17		1.17	62.90
Operations & Maintenance Manuals					0.02		0.02	1.08	0.02		0.02	1.08
Emergency Supplies & Equipment					0.02		0.02	1.08	0.02		0.02	1.08
Flood Preparedness & Training					0.02		0.02	1.08	0.02		0.02	1.08
<i>Supplemental</i>												
USACE Erosion Survey	0.09		0.09	4.84	0.08		0.08	4.30	-0.01		-0.01	-0.54
LMA Totals:	1.33	0.00	1.33	71.51	4.48	0.00	4.48	240.86	3.15	0.00	3.15	169.36

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

Unit No. 01 Sacramento River

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
SAC_35-4_L	35.40	1.26	1.34	eroding	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 0551 and RD 0755 - Pierson District	9.58	Partial Inactive	07/28/2008	Pending

DWR Summary of Local Maintaining Agency Report

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 was 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 was 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 was 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 was 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 CVFPB or DWR

No information was provided by the Agency for Part 5.

Reclamation District No. 0765 Glide

Yolo County

Contact

Albert Martinelli
PO Box 795
West Sacramento CA 95691
Phone: (916) 761-8033



Levee Short Name : RD0765

Bank Unit Length (Miles)

Unit No. 01 Sacramento River

RB

1.74

Threat Assessment & Recommendations

- There is woody vegetation that significantly impacts access and visibility in this Area.
- The LMA should focus more on controlling woody vegetation.

SACRAMENTO SYSTEM : Reclamation District No. 0765 Glide

DWR Levee Inspection Summary

RD0765	Total LMA Miles		1.74									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	U				U							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	0.03	0.04	0.19	10.92	0.03	0.37	1.51	86.78		0.33	1.32	75.86
Trim / Thin Trees	0.84	0.21	1.68	96.55	0.91	0.19	1.67	95.98	0.07	-0.02	-0.01	-0.57
Encroachments	0.01		0.01	0.58	0.01		0.01	0.58				0.00
Operations & Maintenance Manuals					0.02		0.02	1.15	0.02		0.02	1.15
Flood Preparedness & Training					0.02		0.02	1.15	0.02		0.02	1.15
<i>LMA Totals:</i>	0.88	0.25	1.88	108.05	0.98	0.56	3.22	185.06	0.10	0.31	1.35	77.01

RD 765

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
West Sacramento - SacYolo South	60.45	Active		Pending

DWR Summary of Local Maintaining Agency Report

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 was 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 was 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 was 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 was 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 CVFPB or DWR

No information was provided by the Agency for Part 5.

Reclamation District No. 0784 Plumas Lake

Yuba County

Contact

Steven Fordice
District Office • 1594 Broadway
Arboga CA 95961
Phone: (530) 742-0520

Levee Short Name : RD0784

Bank Unit Length (Miles)

Unit No.	Bank	Unit Length (Miles)
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	RB	6.35
Unit No. 05 Interceptor Canal	LB	4.20
Unit No. 06 South Dry Creek	RB	1.50
Unit No. 07 Yuba River	LB	3.91
Unit No. 08 Three Rivers	RB	1.88
Unit No. 09 Feather River, TRLIA Setback Levee	LB	5.73

RD 784

Threat Assessment & Recommendations

- There is vegetation that significantly impacts access and visibility in this Area.
- The LMA should focus more on controlling vegetation to maintain visibility and access.
- The LMA should focus on repairing erosion sites.

SACRAMENTO SYSTEM : Reclamation District No. 0784 Plumas Lake

DWR Levee Inspection Summary

RD0784	Total LMA Miles		44.16									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	A				M							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	0.93		0.93	2.11	2.68	1.03	6.80	15.40	1.75	1.03	5.87	13.29
Erosion / Bank Caving					0.01		0.01	0.02	0.01		0.01	0.02
<i>Interior Drainage & Piping Systems</i>												
Culverts: Inlets / Outlets					0.07		0.07	0.16	0.07		0.07	0.16
Culverts: Breaks / Holes / Cracks						0.02	0.08	0.18		0.02	0.08	0.18
<i>Supplemental</i>												
USACE Erosion Survey	0.35		0.35	0.79	0.43		0.43	0.97	0.08		0.08	0.18
<i>LMA Totals:</i>	1.28	0.00	1.28	2.90	3.19	1.05	7.39	16.73	1.91	1.05	6.11	13.84

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

Unit No. 02 Feather River

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
FHR_17-8_L	17.80	8.72	9.14	eroding	M

Unit No. 03 Bear River

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
FHR_17-8_L	4.90	4.30	4.31	eroding	M

Unit No. 07 Yuba River

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
FHR_17-8_L	0.00	2.23	2.23	repaired	C

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 0784 - Best Slough and Dry Creek	7.25	Active		Pending
RD 0784 - Plumas Lakes Basin	27.27	Active		Pending
Sacramento River west bank	119.72	Active		Pending

DWR Summary of Local Maintaining Agency Report**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 rodent holes were discovered on landside part of Levee Unit 1, LM 0.0 to 1.0, and appraised of continuing rodent baiting and grouting as part of regular maintenance. The Agency further reported an encroachment on landside part of Levee Unit 2 at LM 9.4.

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)

The Agency reported grouting of burrowing holes at some locations at Levee Units 1, 2, and 3. The Agency also reported surface crack on crown at Levee Unit 4, LM 4.41 to 4.43 and stated that there was no new information to report for Levee Units 5 and 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 and the location of these activities. Activities included encroachment control, erosion repair, reconstruction of a levee reach as per work plans and project specifications as approved by DWR and CVFBP, and vegetation control. The Agency also reported corrected and ongoing corrective actions in response to DWR inspection comments. The corrected actions included vegetation and encroachment 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 planned for all levee units. Expenses include costs of ditch and canal maintenance and repairs, pump station maintenance and repairs, professional fees, salaries, fringe, and insurance expenses, urban and rural levee maintenance and repairs, and others. The reported total estimated cost for the current fiscal year is \$1,676,573. Reported expenses for the urban and rural levee maintenance activities for the current fiscal year include costs of key activities such as emergency repair, flood fighting, rodent control, and 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 CVFBP or DWR

The Agency reported that the regional flood flight planning and acquisition of flood flight materials are pending. The Agency also stated two radio frequencies were allocated by FCC to establish a flood flight communication system.

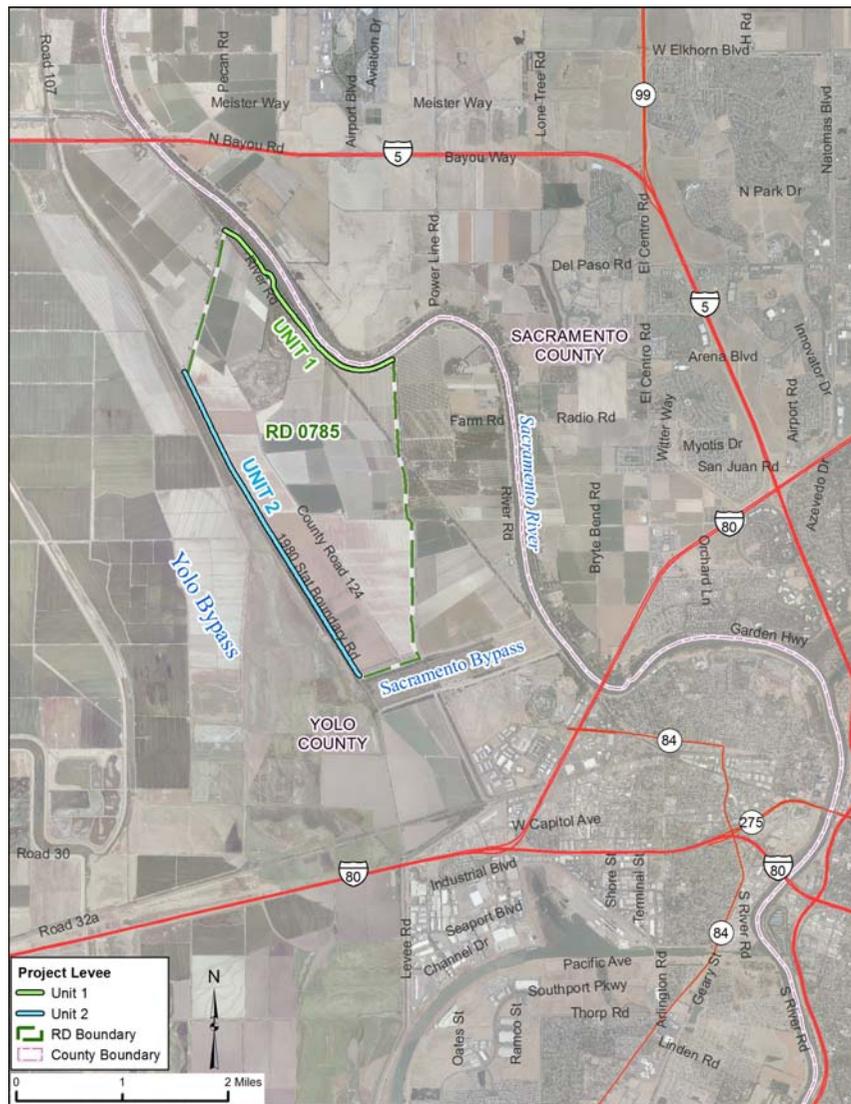
RD 784

Reclamation District No. 0785 Driver

Yolo County

Contact

Ross Peabody
20040 Old River Road
West Sacramento CA 95694
Phone: (916) 257-9826



Levee Short Name : RD0785

Bank Unit Length (Miles)

Unit No.	Bank	Unit Length (Miles)
Unit No. 01 Sacramento River	RB	2.31
Unit No. 02 Yolo Bypass	LB	3.30

Threat Assessment & Recommendations

- There is vegetation that significantly impacts access and visibility in this Area.
- The LMA should focus more on controlling vegetation to maintain visibility and access.

SACRAMENTO SYSTEM : Reclamation District No. 0785 Driver

DWR Levee Inspection Summary

RD0785	Total LMA Miles		5.61									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	U				U							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation						1.16	4.64	82.71		1.16	4.64	82.71
Trim / Thin Trees					0.01		0.01	0.18	0.01		0.01	0.18
Encroachments	0.02		0.02	0.36					-0.02		-0.02	-0.36
Animal Control					0.02	0.02	0.10	1.78	0.02	0.02	0.10	1.78
Slope Stability					0.02		0.02	0.36	0.02		0.02	0.36
Erosion / Bank Caving					0.01		0.01	0.18	0.01		0.01	0.18
Crown Surface / Depressions / Rutting	2.29		2.29	40.82					-2.29		-2.29	-40.82
Operations & Maintenance Manuals					0.06		0.06	1.07	0.06		0.06	1.07
<i>LMA Totals:</i>	2.31	0.00	2.31	41.18	0.12	1.18	4.84	86.27	-2.19	1.18	2.53	45.10

RD 785

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 1600, 0827, 0785, and 0537 - SacYolo North	32.06	Partial Inactive	10/01/2007	U

DWR Summary of Local Maintaining Agency Report

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 ruts at Levee Unit 2 between the access gates need to be fixed.

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 burrowing holes in landside levee of Levee Unit 2 are slated for filling and or regrading in spring 2013.

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 included inspections, levee crown regrading, rodent baiting and trapping, and surveying and engineering. The Agency also reported corrected and ongoing corrective actions in response to DWR inspection comments. The corrected actions included encroachment control, erosion and bank caving control, and rodent 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 reported a plan for landside levee slope repair in spring 2013 at Levee Unit 2. The reported estimated cost of repair 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 CVFPB or DWR

The Agency reported that Unit 2 levee regrading and rock placement plans have been developed and construction drawings have been produced for bidding and construction. The Agency further stated that the project is currently underway and the work is scheduled to be completed by 15th November.

Reclamation District No. 0787 Fair

Yolo County

Contact

Marty Stripling
District Office • 41758 County Road # 112
Knights Landing CA 95645
Phone: (530) 735-6274



Levee Short Name : RD0787

Bank Unit Length (Miles)

Unit No. 01 Colusa Basin Drain

LB

4.40

Threat Assessment & Recommendations

- The LMA should continue to maintain the area at the high level seen during the last inspection.
- The LMA should enhance its rodent control program.

SACRAMENTO SYSTEM : Reclamation District No. 0787 Fair

DWR Levee Inspection Summary

RD0787	Total LMA Miles		4.40									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	A				A							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	0.05		0.05	1.14					-0.05		-0.05	-1.14
Animal Control	0.02		0.02	0.46	0.02		0.02	0.46				0.00
Flood Preparedness & Training					0.04		0.04	0.91	0.04		0.04	0.91
<i>Supplemental</i>												
USACE Erosion Survey	0.02		0.02	0.46	0.13		0.13	2.96	0.11		0.11	2.50
<i>LMA Totals:</i>	0.09	0.00	0.09	2.05	0.19	0.00	0.19	4.32	0.10	0.00	0.10	2.27

RD 787

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

Unit No. 01 Colusa Basin Drain

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
CBD_0-5_L	0.00	0.39	0.51	eroding	M
CBD_0-5_L	0.00	0.67	0.67	eroding	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
No USACE Ratings available.				

DWR Summary of Local Maintaining Agency Report

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 was 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 was 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 reported corrected and ongoing corrective actions in response to DWR inspection comments. The corrected actions included slope repair 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

No information was 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 CVFPB or DWR

No information was provided by the Agency for Part 5.

**Reclamation District
No. 0817
Carlin**

RD 817

Yuba County

Contact

Joe Conant

District Office • PO Box 261

Wheatland CA 95692-0261

Phone: (530) 633-4319



Levee Short Name : RD0817

Bank Unit Length (Miles)

Unit No. 01 South Dry Creek	LB	3.82
Unit No. 02 Bear River	RB	3.87

Threat Assessment & Recommendations

- There is vegetation that significantly impacts access and visibility in this Area.
- The LMA should focus more on controlling vegetation to maintain visibility and access.
- The LMA should repair locations where the levee slope may be unstable.

SACRAMENTO SYSTEM : Reclamation District No. 0817 Carlin

DWR Levee Inspection Summary

RD0817	Total LMA Miles		9.19									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	M				U							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	0.07		0.07	0.76	5.20	1.06	9.44	102.72	5.13	1.06	9.37	101.96
Slope Stability	1.11		1.11	12.08	1.11		1.11	12.08				0.00
Flood Preparedness & Training					0.09		0.09	0.98	0.09		0.09	0.98
<i>Interior Drainage & Piping Systems</i>												
Culverts: Inlets / Outlets					0.07		0.07	0.76	0.07		0.07	0.76
Culverts: Breaks / Holes / Cracks						0.01	0.04	0.44		0.01	0.04	0.44
Metal Pipes		0.01	0.04	0.44		0.01	0.04	0.44				0.00
Flap Gates		0.01	0.04	0.44		0.01	0.04	0.44				0.00
<i>LMA Totals:</i>	1.18	0.02	1.26	13.71	6.47	1.09	10.83	117.85	5.29	1.07	9.57	104.13

RD 817

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 0817 and RD 2103 - City of Wheatland	16.06	Active		N/A

DWR Summary of Local Maintaining Agency Report

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 beaver dams, deteriorating or substandard pipes/crossings and a narrow bridge crossing at LM 1.2, excess channel and levee vegetation, levee geometry deficiencies, and sediment accumulation. Issues for Levee Unit 2 include landscaping at LM 1.8 and 2.08, excess channel vegetation, narrow levee crown, sediment accumulation, and waterway migration. Issues for Levee Unit 3 include beaver dams, deteriorating drainage culverts, excess channel and levee vegetation, narrow bridge crossing, sediment accumulation, and waterway migration.

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 at Levee Unit 1 and noted burrowing holes and levee geometry deficiencies at Levee Unit 2. The Agency also identified burrowing holes and freeboard deficiencies, and visibility issues due to 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 included highwater monitoring, roadway grading, rodent control, and vegetation burning, grazing, 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 planned for all levee units. Expenses include costs of pipe crossing, roadway and levee crown grading, rodent baiting and trapping, tree thinning and trimming, and vegetation grazing, mowing and spraying. The reported total estimated cost for the current fiscal year is \$61,600.

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 CVFPB or DWR

No information was provided by the Agency for Part 5.

RD 817

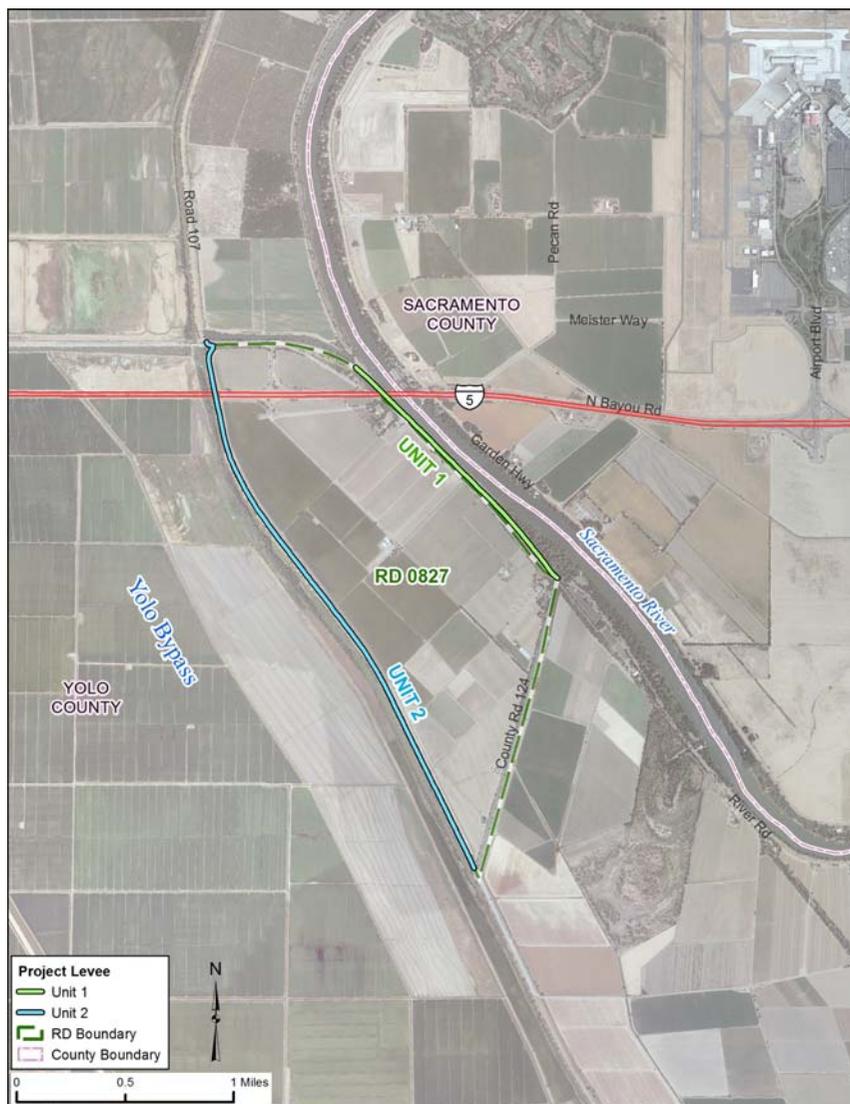
**Reclamation District
No. 0827
Elkhorn**

RD 827

Yolo County

Contact

Daniel Ramos
District Office • PO Box 781
West Sacramento CA 95691
Phone: (916) 372-6170



Levee Short Name : RD0827

Bank Unit Length (Miles)

Unit No. 01 Sacramento River	RB	1.35
Unit No. 02 Yolo Bypass	LB	2.84

Threat Assessment & Recommendations

- The LMA should continue to maintain the area at the high level seen during the last inspection.
- The LMA should enhance its rodent control program.

SACRAMENTO SYSTEM : Reclamation District No. 0827 Elkhorn

DWR Levee Inspection Summary

RD0827	Total LMA Miles		4.19									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	U				A							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Encroachments	0.02		0.02	0.48	0.02		0.02	0.48				0.00
Animal Control	0.01		0.01	0.24	0.03		0.03	0.72	0.02		0.02	0.48
Slope Stability					0.01		0.01	0.24	0.01		0.01	0.24
Erosion / Bank Caving	0.02		0.02	0.48	0.02		0.02	0.48				0.00
Cracking					0.01		0.01	0.24	0.01		0.01	0.24
Crown Surface / Depressions / Rutting	1.61		1.61	38.43					-1.61		-1.61	-38.43
<i>LMA Totals:</i>	1.66	0.00	1.66	39.62	0.09	0.00	0.09	2.15	-1.57	0.00	-1.57	-37.47

RD 827

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 1600, 0827, 0785, and 0537 - SacYolo North	32.06	Partial Inactive	10/01/2007	U

DWR Summary of Local Maintaining Agency Report

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 mentioned that there was no change from the previous condition. The Spring 2012 Levee Inspection Report provided minimally acceptable to acceptable ratings for all inspected items.

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 mentioned that there was no change from the previous condition. The Spring 2012 Levee Inspection Report provided minimally acceptable to acceptable ratings for all inspected items.

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

The Agency reported corrected and ongoing corrective actions in response to DWR inspection comments. The corrected actions included encroachment control, erosion repairs, tree thinning and trimming, 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 stated a contract for levee crown grading was to be completed by October, 2012. The reported contract amount for the activity was \$24,000.

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 CVFPB or DWR

The Agency reported that it follows the Yolo County Emergency Response Guidelines and participates in regularly scheduled briefings conducted by the Yolo County officials.

RD 827

**Reclamation District
No. 0900
West Sacramento**

RD 900

Yolo County

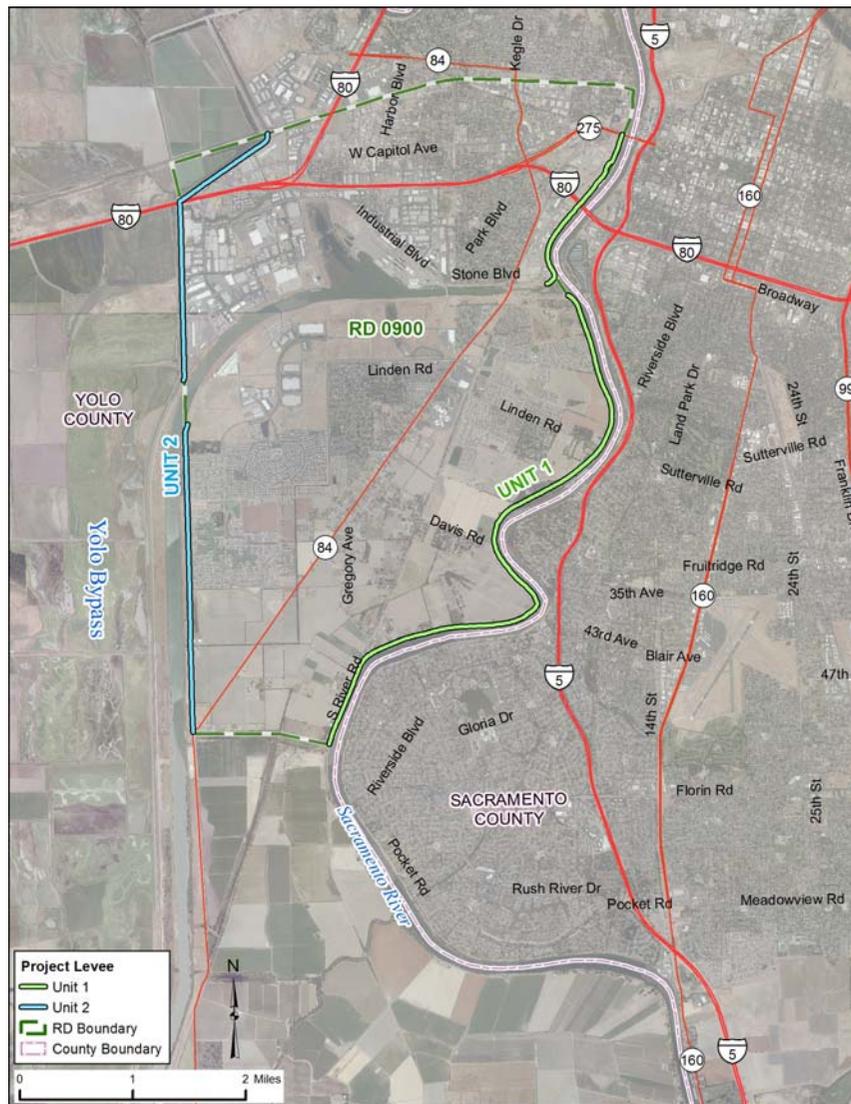
Contact

Ken Ruzich

District Office • PO Box 673

West Sacramento CA 95691

Phone: (916) 371-1483



Levee Short Name : RD0900

Bank Unit Length (Miles)

Unit No. 01 Sacramento River	RB	7.84
Unit No. 02 Yolo Bypass	LB	5.73

Threat Assessment & Recommendations

- There is vegetation that significantly impacts access and visibility in this Area.
- The LMA should focus more on controlling vegetation to maintain visibility and access.
- The LMA should focus on repairing erosion sites.

SACRAMENTO SYSTEM : Reclamation District No. 0900 West Sacramento

DWR Levee Inspection Summary

RD0900	Total LMA Miles	13.57										
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	M				U							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	1.83		1.83	13.49	7.94		7.94	58.51	6.11		6.11	45.03
Trim / Thin Trees	0.01		0.01	0.07	0.90		0.90	6.63	0.89		0.89	6.56
Encroachments	0.17		0.17	1.25	0.09		0.09	0.66	-0.08		-0.08	-0.59
Animal Control	0.06		0.06	0.44	0.06		0.06	0.44				0.00
Slope Stability	0.09		0.09	0.66	0.05		0.05	0.37	-0.04		-0.04	-0.30
<i>Supplemental</i>												
USACE Erosion Survey	0.43		0.43	3.17	0.44		0.44	3.24	0.01		0.01	0.07
<i>LMA Totals:</i>	2.59	0.00	2.59	19.09	9.48	0.00	9.48	69.86	6.89	0.00	6.89	50.77

RD 900

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

Unit No. 01 Sacramento River

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
SAC_57-2_R	57.20	1.91	2.03	under construction	C
SAC_57-2_R	57.00	2.07	2.11	under construction	C
SAC_57-2_R	56.70	2.35	2.49	eroding	M
SAC_57-2_R	56.50	2.56	2.65	eroding	M
SAC_57-2_R	55.70	3.28	3.49	eroding	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
West Sacramento - SacYolo South	60.45	Active		Pending

DWR Summary of Local Maintaining Agency Report

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 about the State-federal new setback levee construction project at Levee Unit 1 and USACE West Sacramento Project for deficiency repairs at Levee Unit 2, LM 0.2 to 2.0

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)

No information was 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 performed for all levee units and the location of these activities. Activities included encroachment control, erosion repair, gate repairs, inspections, patrolling, restoration/habitat enhancement, roadway maintenance, rodent control, toe drain 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 planned for all levee units. Expenses include costs of encroachment control, erosion repair, gate repairs, inspections, insurance and dues, legal management services, minor structure repairs, mobile equipments, office overhead, patrolling, permitting, restoration/habitat enhancement, roadway grading and maintenance, rodent control, and vegetation control. The reported total estimated cost for the current fiscal year is \$344,500.

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 CVFPB or DWR

The Agency informed about Southport Sacramento River Early Implementation Project with a construction plan of adjacent levee and setback levee between RM 2.4 and 7.84.

Reclamation District No. 0999 Netherlands

RD 999

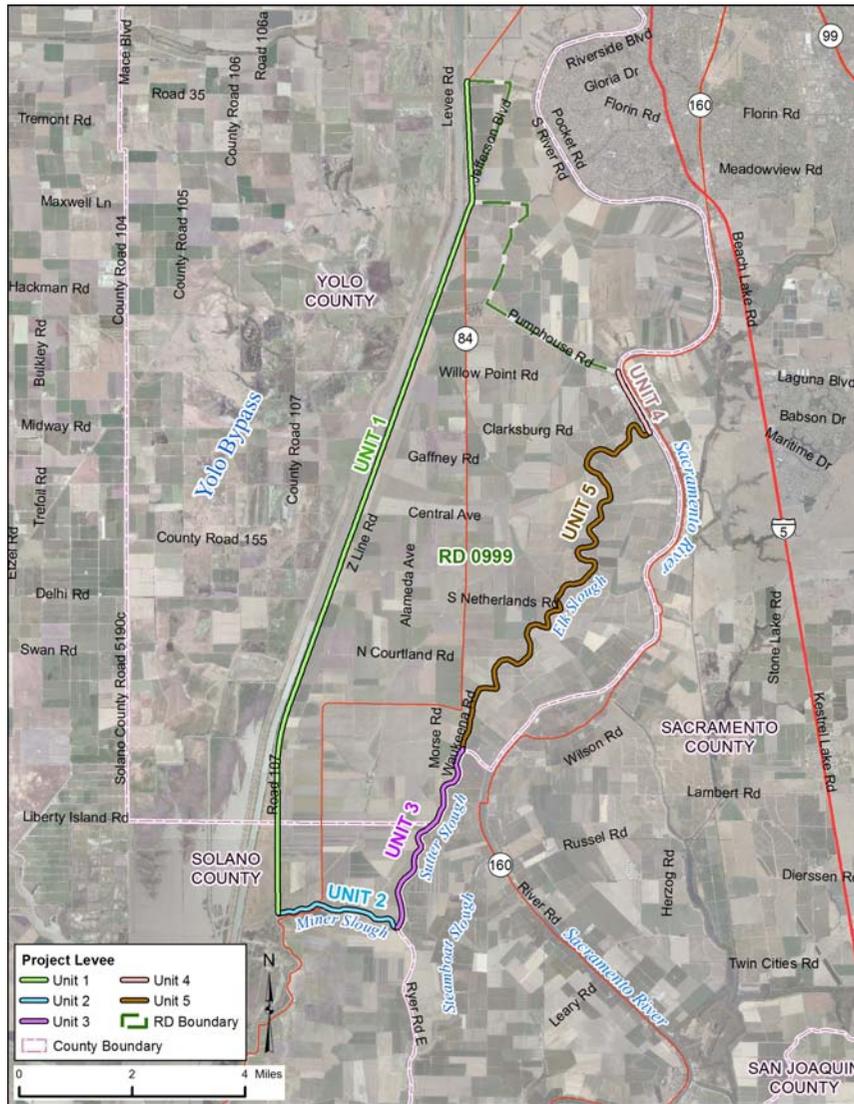
Yolo County

Contact

Stephen Heringer
District Office • 38563 Netherlands Road
Clarksburg CA 95612-5003
Phone: (916) 775-2144

SACRAMENTO SYSTEM : Reclamation District No. 0999 Netherlands

RD 999



SACRAMENTO SYSTEM : Reclamation District No. 0999 Netherlands

Levee Short Name : RD0999

Bank Unit Length (Miles)

Unit No. 01 Yolo Bypass	LB	15.43
Unit No. 02 Miner Slough	RB	2.32
Unit No. 03 Sutter Slough	RB	3.74
Unit No. 04 Sacramento River	RB	1.22
Unit No. 05 Elk Slough	RB	9.66

Threat Assessment & Recommendations

- The crown roadway in this Area may not be able to be driven in all types of weather.
- The LMA should ensure that the levee crown and access roads are able to be driven in all weather conditions.
- The LMA should enhance its rodent control program.
- The LMA should continue to maintain the area at the high level seen during the last Structure inspection.

RD 999

DWR Levee Inspection Summary

RD0999	Total LMA Miles		32.37									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	U				U							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	0.54	0.05	0.74	2.29	0.46	0.06	0.70	2.16	-0.08	0.01	-0.04	-0.12
Trim / Thin Trees	2.64	0.17	3.32	10.26	1.37	0.02	1.45	4.48	-1.27	-0.15	-1.87	-5.78
Encroachments	0.38	0.29	1.54	4.76	0.52		0.52	1.61	0.14	-0.29	-1.02	-3.15
Animal Control	1.43		1.43	4.42	1.44		1.44	4.45	0.01		0.01	0.03
Slope Stability		0.03	0.12	0.37	0.03		0.03	0.09	0.03	-0.03	-0.09	-0.28
Erosion / Bank Caving					0.01		0.01	0.03	0.01		0.01	0.03
Crown Surface / Depressions / Rutting	3.12	0.07	3.40	10.50	5.54		5.54	17.12	2.42	-0.07	2.14	6.61
Repair Gates	0.01		0.01	0.03	0.01		0.01	0.03				0.00
<i>Supplemental</i>												
USACE Erosion Survey	0.29		0.29	0.90	0.07		0.07	0.22	-0.22		-0.22	-0.68
LMA Totals:	8.41	0.61	10.85	33.52	9.45	0.08	9.77	30.18	1.04	-0.53	-1.08	-3.34

DWR Structure Inspection Summary

Structure Name	Overall Rating
Elk Slough Inlet Structure	A

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

Unit No. 01 Yolo Bypass

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
DWS_5-0_L	0.00	4.85	4.86	eroding	M

Unit No. 03 Sutter Slough

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
DWS_5-0_L	24.70	0.21	0.21	eroding	M
DWS_5-0_L	25.20	0.96	0.96	eroding	M
DWS_5-0_L	25.70	1.41	1.41	eroding	M
DWS_5-0_L	27.10	2.85	2.85	eroding new	M
DWS_5-0_L	27.30	3.03	3.03	eroding	M

Unit No. 04 Sacramento River

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
DWS_5-0_L	41.90	0.01	0.01	eroding	M

Unit No. 05 Elk Slough

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
DWS_5-0_L	0.20	0.02	9.47	eroding	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
West Sacramento - SacYolo South	60.45	Active		Pending

RD 999

DWR Summary of Local Maintaining Agency Report**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. The Agency also reported that past survey data is being used to locate and assess the pipes passing through 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 reported large landside sloughing and cracks alongside crown road at Levee Unit 1, LM 3.63.

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

The Agency reported a summary of maintenance activities for Levee Unit 1. The activities included encroachment control, inspection, patrolling, rodent baiting and trapping, seepage control, surveying and engineering, tree trimming, and vegetation mowing and spraying. The Agency reported additional inspections and patrols were conducted for all units on an as needed basis. The Agency also reported corrected and ongoing corrective actions in response to DWR inspection comments. The corrected actions included encroachment control, tree thinning and trimming, 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 planned for all levee units. Expenses include costs of clearing and shaping of landside and waterside slopes, encroachment control, environmental assessment, erosion repair, gate maintenance, inspection, office overhead, removal of drift deposits, debris and litter from the levees and berms, reestablishment of lost or vandalized levee station markers, roadway maintenance, rodent control, seepage control, surveying and engineering, and vegetation control. The reported total estimated cost for the current fiscal year is \$415,000.

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 CVFPB or DWR

The Agency reported preparation of a Flood Safety Plan and a Five Year Maintenance Plan for Project Levees is in the process. The Agency also mentioned the renewal of a routine levee maintenance agreement with the California Department of Fish and Game.

RD 999

Reclamation District No. 1000 Natomas

Sacramento County
Sutter County

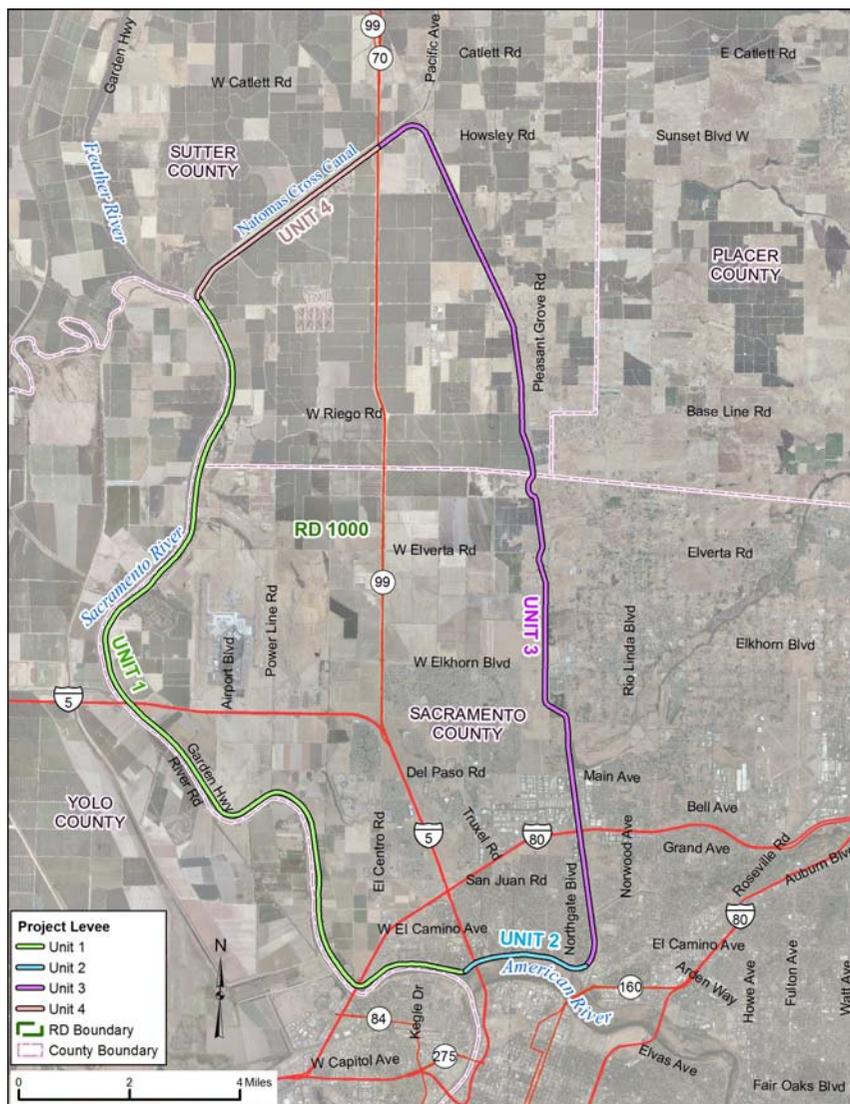
RD 1000

Contact

Paul Devereux
District Office • 1633 Garden Highway
Sacramento CA 95833
Phone: (916) 922-1449

SACRAMENTO SYSTEM : Reclamation District No. 1000 Natomas

RD 1000



SACRAMENTO SYSTEM : Reclamation District No. 1000 Natomas

Levee Short Name : RD1000 **Bank Unit Length (Miles)**

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

Threat Assessment & Recommendations

- The LMA should continue to maintain the area at the high level seen during the last inspection.
- The LMA should focus on repairing erosion sites.

RD 1000

DWR Levee Inspection Summary

RD1000	Total LMA Miles		42.48									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating A				Overall LMA Rating A							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	0.13		0.13	0.31	0.01		0.01	0.02	-0.12		-0.12	-0.28
Trim / Thin Trees	0.02		0.02	0.05					-0.02		-0.02	-0.05
Encroachments	0.01		0.01	0.02	0.01		0.01	0.02				0.00
Slope Stability	0.01		0.01	0.02	0.01		0.01	0.02				0.00
<i>Supplemental</i>												
USACE Erosion Survey	0.25		0.25	0.59	0.10		0.10	0.24	-0.15		-0.15	-0.35
<i>LMA Totals:</i>	0.42	0.00	0.42	0.99	0.13	0.00	0.13	0.31	-0.29	0.00	-0.29	-0.68

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

SACRAMENTO SYSTEM : Reclamation District No. 1000 Natomas

USACE Sacramento River Erosion Summary

Unit No. 01 Sacramento River

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
SAC_78-3_L	78.30	0.51	0.61	eroding	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 1000 - Natomas	41.71	Inactive	08/21/2012	U

RD 1000

DWR Summary of Local Maintaining Agency Report**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 berm erosion at Levee Unit 1, LM 16.2 to 16.4. The Agency identified historic seepage locations during high water at Levee Unit 1, LM 16.2 to 16.4 and at Levee Unit 2, LM 1.5 to 2. The Agency reported that a seepage berm would be placed at seepage location at Levee Unit 1 in 2013 by the District and Sacramento Area Flood Control Agency (SAFCA) as interim measure until Natomas Levee Improvement Project (NLIP) is completed. The Agency also reported that the observed seepage at Levee Unit 2 was flowing clear. The Agency mentioned encroachments limiting access and visibility on Levee Unit 1 at various locations.

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 at all Levee Units except portions of Units 1 and 4 and referred to a Geotechnical report that documents the underseepage problem for the area. The Agency also reported completion of levee improvements including construction of cutoff walls and seepage berms at portions of Units 1 and 4. The Agency noted a gap in the levee at Levee Unit 3 at Sankey Road crossing leading to a freeboard deficiency under 200-year flood. The Agency also identified insufficient freeboard for 200-year flood on Unit 1 under I-5 highway at various locations of Unit 3 as identified in a hydraulic study for SAFCA, and on Unit 4 at Natomas Mutual Water Company water intake facilities at Bennett and Northern pumping plants. The Agency also stated existing plans and desired solutions to get these freeboard deficiencies addressed in future through USACE.

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 included encroachment control, erosion repair, gate repair, inspection, patrolling, roadway maintenance, rodent baiting and trapping, and vegetation grazing, mowing, spraying, and thinning and trimming. The Agency also reported removal of beaver dam on a regular basis along NEMDC at Unit 3. The Agency also reported corrected actions in response to DWR inspection comments. The corrected actions included encroachment control, levee slope repair, tree thinning and trimming, and vegetation control. The Agency reported the approximate total costs for operation and maintenance of the Project Levees for the previous fiscal year as \$1,300,000.

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 an estimate of total O&M cost and summary of maintenance activities for all levee units. Activities include encroachment control, erosion repair, gate repair, inspections, patrolling, roadway maintenance, removal of beaver dams, rodent baiting and trapping, and vegetation grazing, mowing, spraying, and thinning and trimming. The Agency referred to the approximate expenses of \$1,300,000 for the previous fiscal year and stated that the expenses for the current fiscal year are likely to increase in future years as O&M of the NLIP improved levees also become District's responsibility.

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

The Agency provided status of the NLIP that is being constructed by SAFCA with financial support from the State. The Purpose of NLIP is to provide 200-year flood protection to the Natomas basin. The Agency reported the plan and progress of ongoing works on Unit 1 and also reported plans for new construction of Units 2 and 3 pending authorization from the U.S. Congress.

RD 1000

**Reclamation District
No. 1001
Nicolaus**

Sutter County

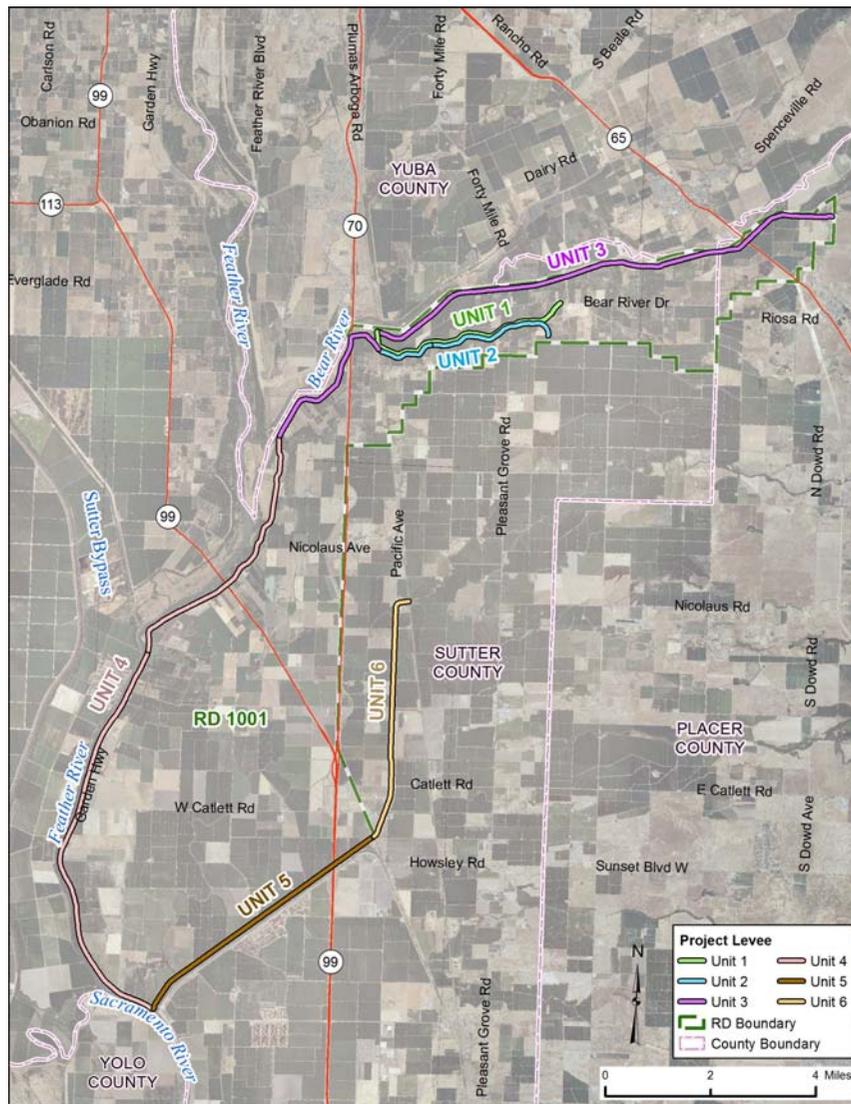
RD 1001

Contact

Robert Scheiber
District Office • 1959 Cornelius Avenue
Rio Oso CA 95674
Phone: (530) 656-2318

SACRAMENTO SYSTEM : Reclamation District No. 1001 Nicolaus

RD 1001



SACRAMENTO SYSTEM : Reclamation District No. 1001 Nicolaus

Levee Short Name : RD1001

Bank Unit Length (Miles)

Unit No. 01 Yankee Slough	RB	4.17
Unit No. 02 Yankee Slough	LB	3.66
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

Threat Assessment & Recommendations

- There is vegetation that significantly impacts access and visibility in this Area.
- The LMA should focus more on controlling vegetation to maintain visibility and access.

RD 1001

DWR Levee Inspection Summary

RD1001	Total LMA Miles		44.03									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating M				Overall LMA Rating U							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	4.71		4.71	10.70	20.66		20.66	46.92	15.95		15.95	36.23
Trim / Thin Trees					0.17		0.17	0.39	0.17		0.17	0.39
Encroachments	0.14	0.20	0.94	2.13	0.02		0.02	0.05	-0.12	-0.20	-0.92	-2.09
Animal Control	0.01		0.01	0.02					-0.01		-0.01	-0.02
Slope Stability	0.06		0.06	0.14	0.05		0.05	0.11	-0.01		-0.01	-0.02
Erosion / Bank Caving					0.01		0.01	0.02	0.01		0.01	0.02
<i>Supplemental</i>												
USACE Erosion Survey	1.71		1.71	3.88	1.94		1.94	4.41	0.23		0.23	0.52
LMA Totals:	6.63	0.20	7.43	16.87	22.85	0.00	22.85	51.90	16.22	-0.20	15.42	35.02

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

Unit No. 02 Yankee Slough

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
YAS_1-7_L	0.00	1.36	1.39	eroding	M

Unit No. 03 Bear River

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
YAS_1-7_L	5.70	7.21	7.30	eroding	M
YAS_1-7_L	2.50	10.37	10.41	eroding	M
YAS_1-7_L	1.90	11.09	11.17	eroding	M
YAS_1-7_L	0.80	12.13	12.22	eroding	M

Unit No. 04 Feather River

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
YAS_1-7_L	6.60	5.84	5.97	eroding	M
YAS_1-7_L	6.00	6.47	6.57	eroding	M
YAS_1-7_L	5.80	6.63	6.88	eroding	M
YAS_1-7_L	5.00	7.54	7.86	eroding	M
YAS_1-7_L	3.80	8.61	9.01	eroding	M
YAS_1-7_L	1.00	11.21	11.44	eroding	M
YAS_1-7_L	0.60	11.68	11.85	eroding	M

Unit No. 05 Natomas Cross Canal

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
YAS_1-7_L	0.00	2.31	2.31	eroding	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 1001 - Bear River and Yankee Slough	13.47	Active		Pending
RD 1001 - Nicolaus, Feather River	30.21	Inactive	04/13/2012	Pending

RD 1001

DWR Summary of Local Maintaining Agency Report

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 elderberry bushes on Levee Units 1, 3, and 4 are partially blocking visibility at various locations. The Agency also mentioned that Endangered Species Act prevented elderberry bush control.

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 waterside erosion caving near small pipe on upper slope portion at Unit 2, LM 1.34. The Agency also noted a landside levee slope and toe erosion at Levee Unit 4, LM 6.87 and a waterside levee erosion approximately 10' wide and 3' deep near toe of Levee Unit 4 at LM 9.65. The Agency reported that these issues are scheduled for repair prior to flood season.

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 location of these activities. Activities included vegetation control at Levee Units 1, 2, 5, and 6 at the cost of \$122,000 in the previous fiscal year. The Agency reported 415 feet Sacramento River Bank Protection Project at Levee Unit 4 for waterside erosion repair and another at Levee Unit 5, LM 1.5 at a cost of \$517,000 for crack/slump repair on landside slopes.

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 planned for Levee Units 2 and 4 and the locations of these activities. Expenses include costs of roadway maintenance and erosion repair. The reported total estimated cost for the current fiscal year is \$26,000.

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 CVFPB or DWR

The Agency reported about the USACE Periodic Inspection, eligibility studies for Units 2-6, as-builts for repairs, and construction drawings for a completed project at Levee Unit 5.

RD 1001

Reclamation District No. 1500 Sutter Basin

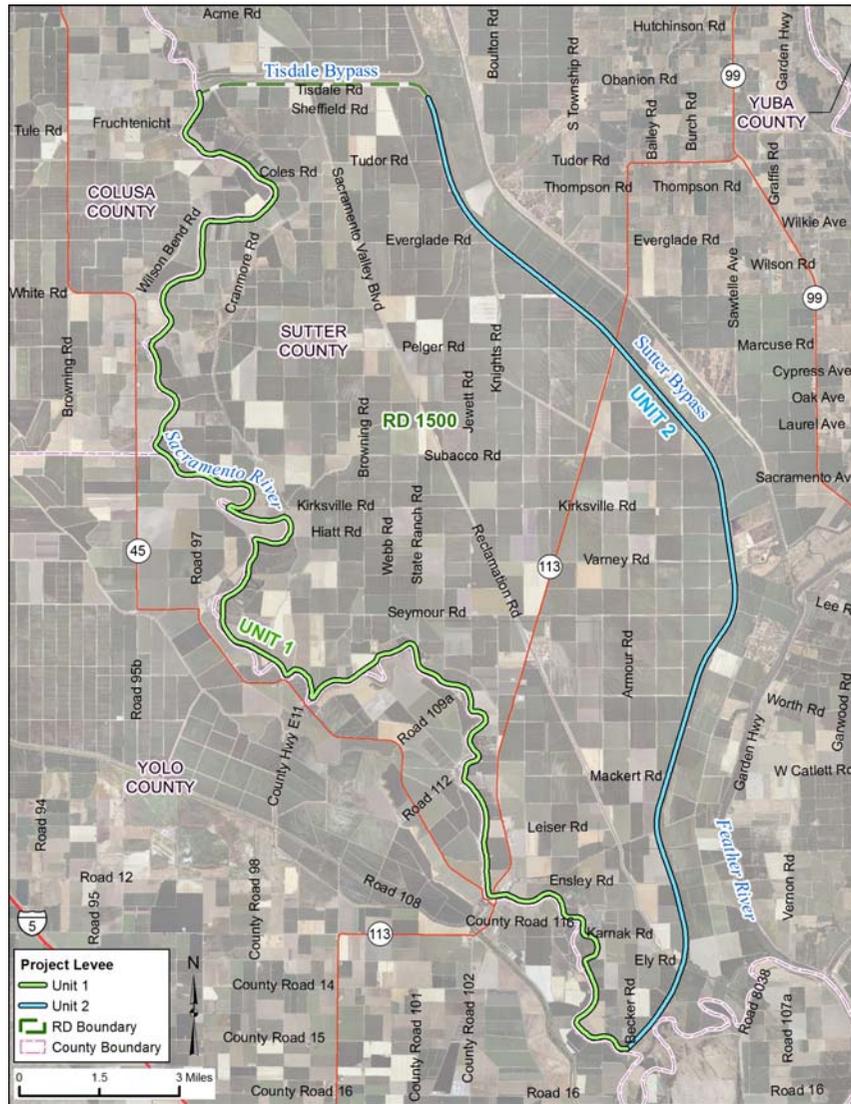
Sutter County

RD 1500

Contact

Scott Tucker
District Office • PO Box 96
Robbins CA 95676
Phone: (530) 738-4423

SACRAMENTO SYSTEM : Reclamation District No. 1500 Sutter Basin



Levee Short Name : RD1500

Bank Unit Length (Miles)

Unit No. 01 Sacramento River	LB	33.58
Unit No. 02 Sutter Bypass	RB	20.77

Threat Assessment & Recommendations

- The crown roadway in this Area may not be able to be driven in all types of weather.
- The LMA should ensure that the levee crown and access roads are able to be driven in all weather conditions.
- The LMA should enhance its rodent control program.

SACRAMENTO SYSTEM : Reclamation District No. 1500 Sutter Basin

DWR Levee Inspection Summary

RD1500	Total LMA Miles		54.35									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	A				M							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation												0.00
Trim / Thin Trees	0.46		0.46	0.85	0.01	0.01	0.05	0.09	-0.45	0.01	-0.41	-0.75
Encroachments	0.15		0.15	0.28	0.10		0.10	0.18	-0.05		-0.05	-0.09
Animal Control	0.11		0.11	0.20	0.54	0.02	0.62	1.14	0.43	0.02	0.51	0.94
Erosion / Bank Caving	0.01		0.01	0.02	0.04		0.04	0.07	0.03		0.03	0.06
Cracking					0.01		0.01	0.02	0.01		0.01	0.02
Crown Surface / Depressions / Rutting	0.02		0.02	0.04	5.70		5.70	10.49	5.68		5.68	10.45
Underseepage Relief Wells						0.01	0.04	0.07		0.01	0.04	0.07
<i>Concrete Floodwalls</i>												
Underseepage Relief Wells	0.01		0.01	0.02					-0.01		-0.01	-0.02
<i>Supplemental</i>												
USACE Erosion Survey	0.40		0.40	0.74	0.10		0.10	0.18	-0.30		-0.30	-0.55
<i>LMA Totals:</i>	1.16	0.00	1.16	2.13	6.50	0.04	6.66	12.25	5.34	0.04	5.50	10.12

RD 1500

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

Unit No. 01 Sacramento River

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
SAC_86-3_L	86.30	1.34	1.34	eroding	M
SAC_86-3_L	87.10	2.31	2.31	eroding	M
SAC_86-3_L	92.80	8.26	8.26	eroding	M
SAC_86-3_L	95.80	11.79	11.79	eroding	M
SAC_86-3_L	96.20	11.98	11.98	eroding	M
SAC_86-3_L	99.00	13.98	13.98	eroding	M
SAC_86-3_L	103.40	18.28	18.28	removed	W
SAC_86-3_L	104.00	18.38	18.38	eroding	M
SAC_86-3_L	104.50	19.16	19.16	eroding	M
SAC_86-3_L	116.00	30.60	30.60	eroding	M
SAC_86-3_L	116.50	30.94	30.94	eroding	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 1500 and Tisdale Bypass - Sutter Basin South	59.22	Inactive	05/14/2012	U

DWR Summary of Local Maintaining Agency Report

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 estimates of needed repair works. Integrity issues for Levee Unit 1 include boils at LM 13 and 18.25, dip in levee crown on paved road LM 9.18, erosion or sloughing at LM 2.37, 2.50, 8.75, 12.30, 12.64, 18.5, 31.6 to 32.2, and heavy seepage at LM 12.5 to 14.35 and 29.88. 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, 18.5 to 19, and heavy seepage at LM 7.35 to 7.70 and 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 estimates of needed repair works. Integrity issues for Levee Unit 1 include boils at LM 13 and 18.25, dip in levee crown on paved road LM 9.18, erosion or sloughing at LM 2.37, 2.50, 8.75, 12.30, 12.64, 18.5, 31.6 to 32.2, and heavy seepage at LM 12.5 to 14.35 and 29.88. 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, 18.5 to 19 and heavy seepage at LM 7.35 to 7.70 and 19.88 to 20.75.

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

The Agency reported that additional maintenance activities were conducted on Levee Unit 2 in addition to the regular annual maintenance. The reported additional activities included sinkhole repair at LM 0.85, and repair of damage from the root balls of blown over trees at LM 7, 8, 9, 10, and 12.

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 was 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 CVFPB or DWR

No information was provided by the Agency for Part 5.

RD 1500

Reclamation District No. 1600 Mull

Yolo County

RD 1600

Contact

Kent Lang

District Office • 21548 Old River Road

West Sacramento CA 95691

Phone: (916) 372-3884



Levee Short Name : RD1600

Bank Unit Length (Miles)

Unit No. 01 Sacramento River	RB	10.51
Unit No. 02 Yolo Bypass	LB	4.22

Threat Assessment & Recommendations

- There is vegetation that significantly impacts access and visibility in this Area.
- The LMA should focus more on controlling vegetation to maintain visibility and access.
- The LMA should focus on repairing erosion sites.

SACRAMENTO SYSTEM : Reclamation District No. 1600 Mull

DWR Levee Inspection Summary

RD1600	Total LMA Miles		14.73									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	U				U							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	0.85		0.85	5.77	11.79		11.79	80.04	10.94		10.94	74.27
Trim / Thin Trees	0.01	0.01	0.05	0.34	0.01		0.01	0.07		-0.01	-0.04	-0.27
Encroachments	0.02		0.02	0.14					-0.02		-0.02	-0.14
Erosion / Bank Caving	0.73		0.73	4.96	0.73	0.02	0.81	5.50		0.02	0.08	0.54
Crown Surface / Depressions / Rutting	1.74		1.74	11.81	0.01		0.01	0.07	-1.73		-1.73	-11.75
<i>Supplemental</i>												
USACE Erosion Survey	0.05		0.05	0.34	0.05		0.05	0.34				0.00
LMA Totals:	3.40	0.01	3.44	23.35	12.59	0.02	12.67	86.01	9.19	0.01	9.23	62.66

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

RD 1600

USACE Sacramento River Erosion Summary

Unit No. 01 Sacramento River

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
SAC_71-3_R	71.30	0.57	0.57	eroding	M
SAC_71-3_R	74.40	3.60	3.60	eroding	M
SAC_71-3_R	75.30	4.35	4.35	eroding	M
SAC_71-3_R	77.00	6.31	6.31	eroding	M
SAC_71-3_R	77.70	6.96	6.96	eroding	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 1600, 0827, 0785, and 0537 - SacYolo North	32.06	Partial Inactive	10/01/2007	U

DWR Summary of Local Maintaining Agency Report

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 unauthorized encroachments at 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 giant erosion holes moving from river into levee at Levee Unit 1, LM 7.0, 7.13, and 7.27 and warned of a levee failure in next large flood event if unrepaired. The Agency also reported encroachments at Levee Unit 1. Additionally, the Agency stated that elderberry bushes exist at multiple locations at Levee Units 1 and 2 but cannot be removed due to California Fish and Game's regulations.

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 location of these activities. Activities included pump maintenance, rodent baiting, and 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 planned for all levee units. Expenses include costs of applications, contributions to other agencies, ditch cleaning, gate maintenance, insurance, legal, engineering and planning services, membership and office overhead, pump maintenance, roadway and levee repairs, and utilities. The reported total estimated cost for the current 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 CVFPB or DWR

No information was provided by the Agency for Part 5.

Reclamation District No. 1601 Twitchell

Sacramento County

RD 1601

Contact

Juan Mercado Jr

District Office • 2360 West Twitchell Island Road

Rio Vista CA 94571

Phone: (916) 777-6992



Levee Short Name : RD1601	Bank	Unit Length (Miles)
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Unit No. 01 Threemile Slough	LB	2.47
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Threat Assessment & Recommendations

- The LMA should continue to maintain the area at the high level seen during the last inspection.

SACRAMENTO SYSTEM : Reclamation District No. 1601 Twitchell

DWR Levee Inspection Summary

RD1601	Total LMA Miles		2.47									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	A				A							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
No Items												0.00
<i>LMA Totals:</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

No Supplemental Erosion Sites.

RD 1601

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 1601 - Twitchell Island	2.51	Active		N/A

DWR Summary of Local Maintaining Agency Report

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 concurred with the information contained in the Spring 2012 Levee Inspection Report. The Spring 2012 Levee Inspection Report provided minimally acceptable to acceptable ratings for all inspected items.

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 concurred with the information contained in the Spring 2012 Levee Inspection Report. The Spring 2012 Levee Inspection Report provided minimally acceptable to acceptable ratings for all inspected items.

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

The Agency referred to Inspection Items/Corrective Action submitted for Summer 2012 Levee inspection report for a summary of maintenance activities. The Agency also reported corrected and ongoing corrective actions in response to DWR inspection comments. The corrective actions included crown surface depressions or rut repair, and vegetation control by chopping, pruning and spraying. The reported total annual routine maintenance cost for the previous fiscal year was \$183,045.

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 referred to the fiscal year 2012-2013 application to the Delta Levee Subventions Program for a summary of maintenance activities planned for 9.4 miles of Non-Project Levees and 2.5 miles of Project Levees. Activities include drain and toe ditch cleaning, encroachment control, erosion and subsidence repair, flood emergency planning, inspection, levee drainage control, levee profile and cross sections, management and accounting, program management, removal of drift deposits and debris, roadway grading and repair, rodent control, survey, vegetation control, and waterside slope protection. The reported anticipated maintenance budget for the current fiscal year is \$190,000.

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 CVFPB or DWR

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

Reclamation District No. 1660 Tisdale

Sutter County

Contact

Andy Duffey

District Office • PO Box 35

Meridian CA 95957

Phone: (530) 696-2569



Levee Short Name : RD1660	Bank	Unit Length (Miles)
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Unit No. 01 Sacramento River	LB	3.00
Unit No. 02 Sutter Bypass	RB	9.14

Threat Assessment & Recommendations

- The LMA should continue to maintain the area at the high level seen during the last inspection.
- The LMA should repair locations where the levee slope may be unstable.

DWR Levee Inspection Summary

RD1660	Total LMA Miles		12.14									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	A				A							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Encroachments	0.01		0.01	0.08	0.01		0.01	0.08				0.00
Animal Control	0.13		0.13	1.07					-0.13		-0.13	-1.07
Slope Stability	0.05		0.05	0.41	0.05		0.05	0.41				0.00
<i>Supplemental</i>												
USACE Erosion Survey	0.01		0.01	0.08	0.03		0.03	0.25	0.02		0.02	0.17
<i>LMA Totals:</i>	0.20	0.00	0.20	1.65	0.09	0.00	0.09	0.74	-0.11	0.00	-0.11	-0.91

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

Unit No. 01 Sacramento River

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
SAC_120-6_L	120.60	1.32	1.35	eroding	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 0070 and RD 1660 - Sutter Basin North	39.90	Active		Pending

DWR Summary of Local Maintaining Agency Report

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 was 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 was 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 performed for all levee units and the location of these activities. Activities included burning and dragging levee slopes, levee crown grading, patrolling, rodent control, thinning and trimming trees, and vegetation 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 an estimated cost for all aspects of operation of the District for the current fiscal year as \$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 CVFPB or DWR

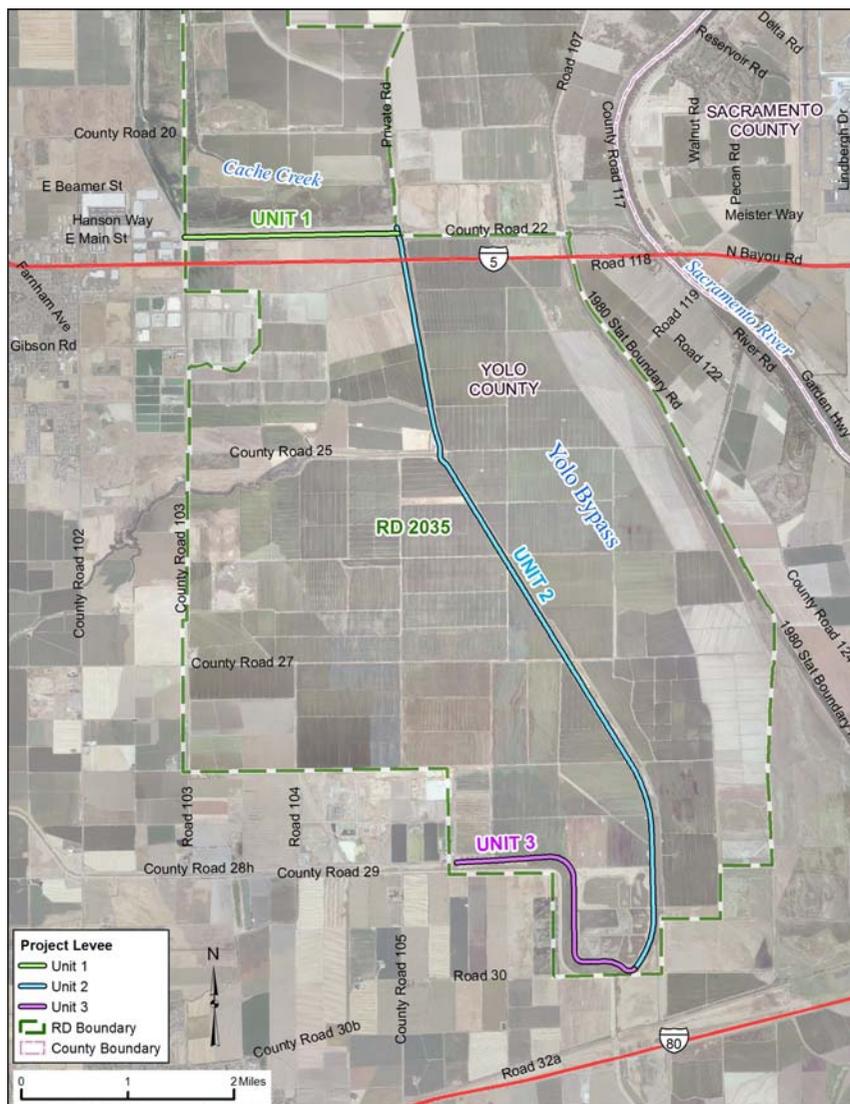
No information was provided by the Agency for Part 5.

Reclamation District No. 2035 Conaway

Yolo County

Contact

Regina Cherovsky
District Office • 45332 County Road 25
Woodland CA 95776
Phone: (530) 662-6200



Levee Short Name : RD2035

Bank Unit Length (Miles)

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

Threat Assessment & Recommendations

- The LMA should continue to maintain the area at the high level seen during the last inspection.
- The LMA should focus on repairing erosion sites.

SACRAMENTO SYSTEM : Reclamation District No. 2035 Conaway

RD 2035

DWR Levee Inspection Summary

RD2035	Total LMA Miles		12.09									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	U				M							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	2.54		2.54	21.01					-2.54		-2.54	-21.01
Crown Surface / Depressions / Rutting	0.01		0.01	0.08					-0.01		-0.01	-0.08
<i>Supplemental</i>												
USACE Erosion Survey	0.39		0.39	3.23	1.27		1.27	10.51	0.88		0.88	7.28
<i>LMA Totals:</i>	2.94	0.00	2.94	24.32	1.27	0.00	1.27	10.51	-1.67	0.00	-1.67	-13.81

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

Unit No. 02 Yolo Bypass

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
YOL_0-1_R	0.00	0.28	0.36	eroding	M
YOL_0-1_R	0.00	1.19	1.23	eroding	M
YOL_0-1_R	0.00	1.97	2.01	eroding	M
YOL_0-1_R	0.00	2.25	2.58	eroding	M
YOL_0-1_R	0.00	2.76	3.23	eroding	M
YOL_0-1_R	0.00	4.06	4.37	eroding	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Cache Creek - RD 2035 - Willow Bypass	29.21	Active		N/A

DWR Summary of Local Maintaining Agency Report

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 was 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 was 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 was 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 was 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 CVFPB or DWR

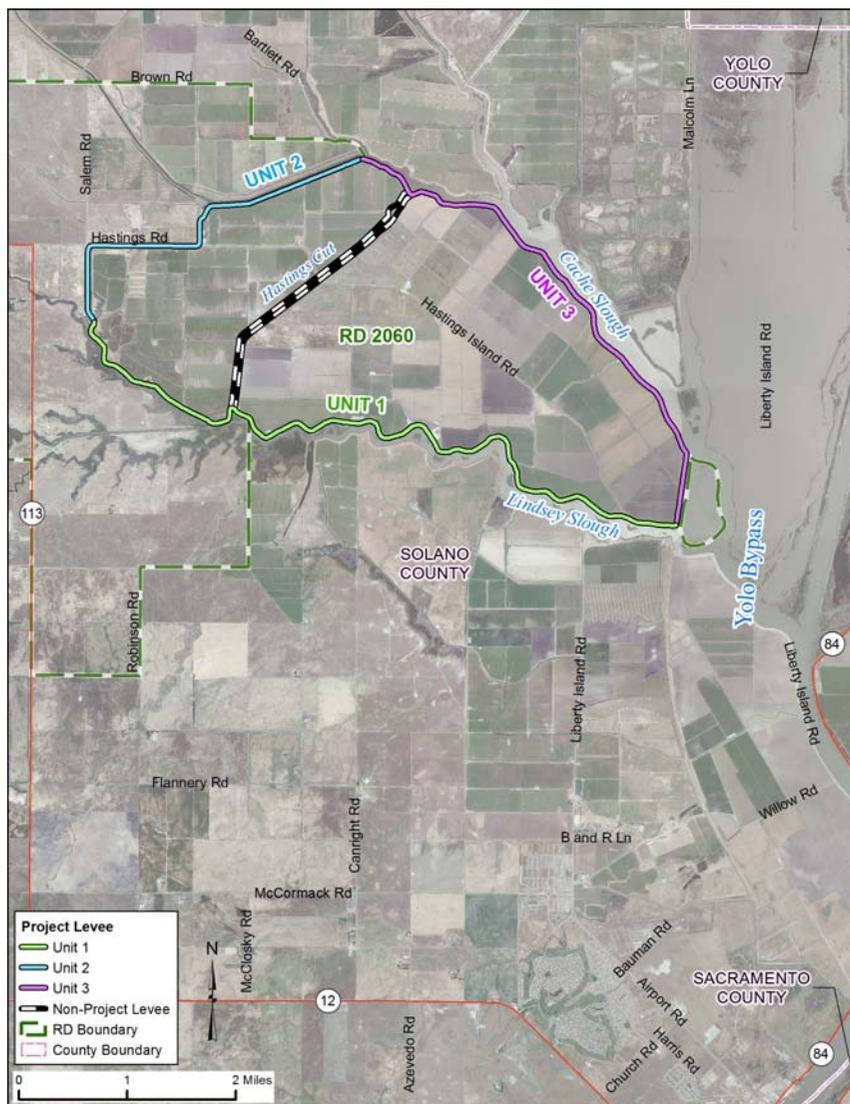
No information was provided by the Agency for Part 5.

Reclamation District No. 2060 Hastings

Solano County

Contact

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



Levee Short Name : RD2060

Bank Unit Length (Miles)

Unit No. 01 Lindsey Slough	LB	6.94
Unit No. 02 Ulatis Creek	RB	3.70
Unit No. 03 Cache Slough	RB	5.03

Threat Assessment & Recommendations

- There is erosion occurring in this Area that should be monitored.
- The LMA should focus on repairing erosion sites.
- The LMA should focus on repairing erosion sites.

SACRAMENTO SYSTEM : Reclamation District No. 2060 Hastings

DWR Levee Inspection Summary

RD2060	Total LMA Miles		15.67									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation					0.11		0.11	0.70	0.11		0.11	0.70
Erosion / Bank Caving	0.01		0.01	0.06	0.01		0.01	0.06				0.00
Cracking												0.00
Repair Gates	0.01		0.01	0.06	0.01		0.01	0.06				0.00
Operations & Maintenance Manuals					0.16		0.16	1.02	0.16		0.16	1.02
<i>Supplemental</i>												
USACE Erosion Survey	0.63		0.63	4.02	0.66		0.66	4.21	0.03		0.03	0.19
<i>LMA Totals:</i>	0.65	0.00	0.65	4.15	0.95	0.00	0.95	6.06	0.30	0.00	0.30	1.92

RD 2060

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

Unit No. 01 Lindsey Slough

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
LDS_1-9_L	1.90	1.86	1.86	eroding	M
LDS_1-9_L	2.40	2.44	2.44	eroding	M

Unit No. 03 Cache Slough

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
LDS_1-9_L	23.60	1.55	1.70	eroding	M
LDS_1-9_L	23.00	2.02	2.08	eroding	M
LDS_1-9_L	22.80	2.18	2.23	eroding	M
LDS_1-9_L	22.60	2.38	2.54	eroding	M
LDS_1-9_L	21.10	3.78	4.00	eroding	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 2060 - Hastings Tract	15.62	Active		Pending

DWR Summary of Local Maintaining Agency Report

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 referred to the DWR Spring and Fall Inspection Reports for the latest information. The Spring 2012 Levee Inspection Report provided minimally acceptable to acceptable ratings for all inspected items for all levee units.

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 0.6 to 0.75, 0.75 to 1.1, 2.2 to 2.25, 2.25 to 2.65, 3.6 to 3.65, and 3.67 and at Levee Unit 3, LM 2.83, 3.79 to 3.88, 4.50 to 4.60, and 5.09. The Agency also reported four erosion sites at Levee Unit 1, between LM 0.40 and 1.85 with larger erosion scallops located along the waterside berm at LM 1.45 to 1.55.

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 included gates and signage maintenance and upkeep, levee crown roadway maintenance, livestock grazing, slope dragging, and vegetation burning. The Agency also reported corrected and ongoing corrective actions in response to DWR inspection comments. The corrected actions included grass and weed control along a reach on Unit 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 maintenance activities planned for all levee units. Activities include erosion repair, gate maintenance, inspection, roadway maintenance, slope dragging, and vegetation burning, grazing and mowing.

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

The Agency reported that a Five Year Plan that includes project plans, district photographs, cross-sections, and maps has been prepared. The Agency also informed about the USACE Draft Periodic Inspection Report of Hastings Tract.

Reclamation District No. 2068 Yolano

Solano County

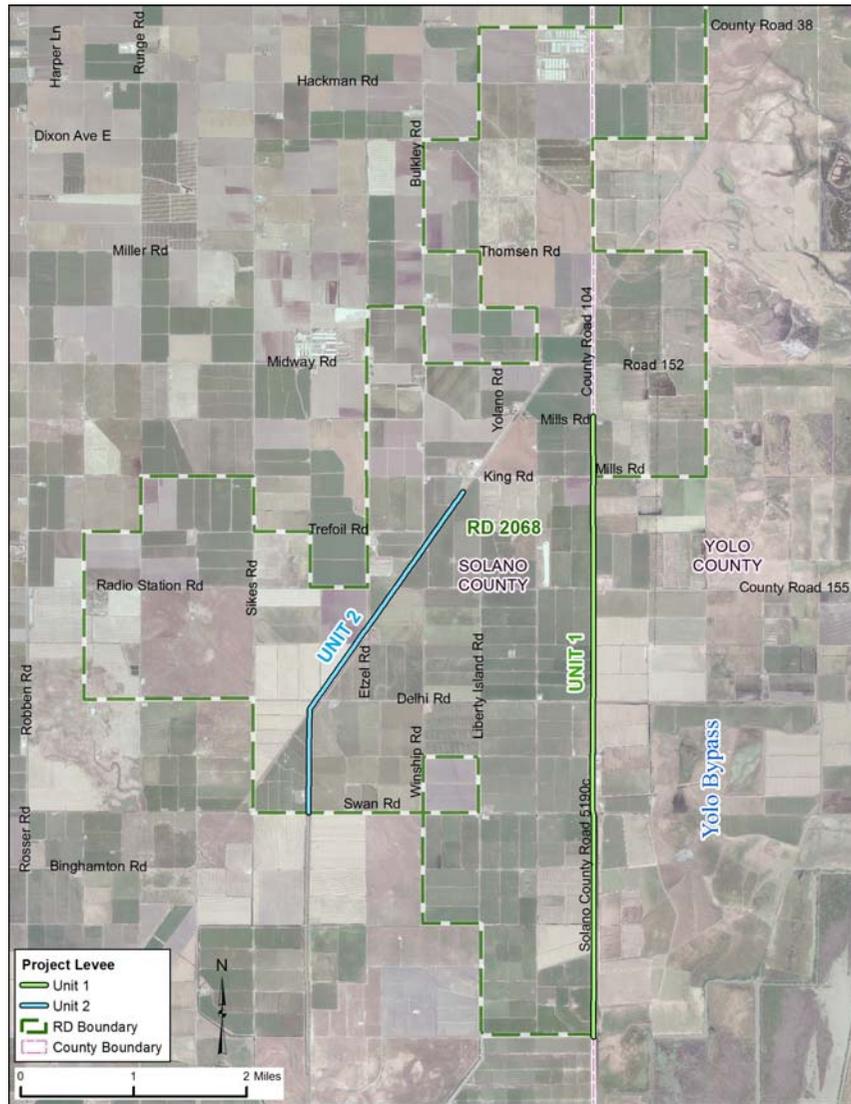
Contact

Cliff Detar

District Office • 7178 Yolano Road

Dixon CA 95620

Phone: (707) 678-5412



Levee Short Name : RD2068

Bank Unit Length (Miles)

Unit No.	Bank	Unit Length (Miles)
01 Yolo Bypass	RB	5.50
02 Back Levee	LB	3.23

Threat Assessment & Recommendations

- The LMA should continue to maintain the area at the high level seen during the last inspection.

SACRAMENTO SYSTEM : Reclamation District No. 2068 Yolano

DWR Levee Inspection Summary

RD2068	Total LMA Miles		8.73									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	M				A							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	0.02		0.02	0.23					-0.02		-0.02	-0.23
Animal Control	0.99		0.99	11.34					-0.99		-0.99	-11.34
<i>LMA Totals:</i>	1.01	0.00	1.01	11.57	0.00	0.00	0.00	0.00	-1.01	0.00	-1.01	-11.57

RD 2068

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 2068 and RD 2098 - Yolano-Cache Slough	19.68	Active		Pending

DWR Summary of Local Maintaining Agency Report

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 impairments or compromising conditions to the flood protection or integrity of the levees were known to the Agency at the time of reporting.

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 to the flood protection or integrity of the levees were known to the Agency at the 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 included gate and signage maintenance, inspection, levee crown maintenance, maintenance supervision, administration and services, and 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 planned for all levee units. Expenses include costs of erosion repair, gate and signage maintenance, inspections, maintenance supervision, administration and services, roadway maintenance, and vegetation burning and spraying. The reported total estimated cost for the current fiscal year is \$49,000.

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 CVFPB or DWR

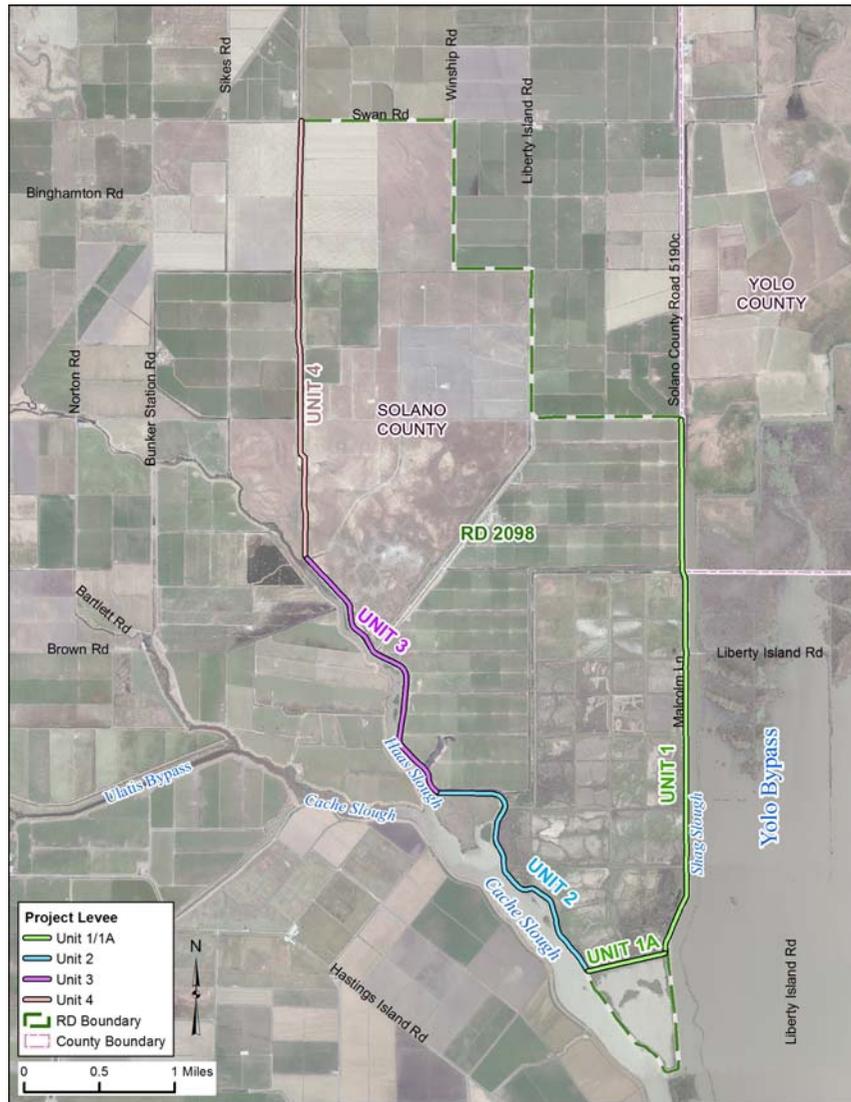
The Agency reported that a Five Year Plan for District's maintenance activities has been prepared. The Agency also informed about the USACE Draft Periodic Inspection Report.

Reclamation District No. 2098 Cache and Haas Slough

Solano County

Contact

Gregory Schmid
District Office • 7178 Yolano Road
Dixon CA 95620
Phone: (707) 678-5412



SACRAMENTO SYSTEM : Reclamation District No. 2098 Cache and Haas Slough

Levee Short Name : RD2098

Bank Unit Length (Miles)

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

RD 2098

Threat Assessment & Recommendations

- The LMA should continue to maintain the area at the high level seen during the last inspection.
- The LMA should ensure that the capacity of the channel as designed and constructed is maintained.

DWR Levee Inspection Summary

RD2098	Total LMA Miles		10.96									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	U				A							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	3.29		3.29	30.02	0.01		0.01	0.09	-3.28		-3.28	-29.93
Trim / Thin Trees	0.01		0.01	0.09					-0.01		-0.01	-0.09
Erosion / Bank Caving					0.04		0.04	0.37	0.04		0.04	0.37
<i>Channels</i>												
Shoaling / Sedimentation					0.23		0.23	2.10	0.23		0.23	2.10
<i>Supplemental</i>												
USACE Erosion Survey	0.02		0.02	0.18	0.02		0.02	0.18				0.00
LMA Totals:	3.32	0.00	3.32	30.29	0.30	0.00	0.30	2.74	-3.02	0.00	-3.02	-27.56

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

Unit No. 03 Haas Slough

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
HAS_7-9_L	0.00	7.33	7.33	eroding	M

Unit No. 04 Back Levee

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
HAS_7-9_L	0.00	9.44	9.44	eroding	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 2068 and RD 2098 - Yolano-Cache Slough	19.68	Active		Pending

DWR Summary of Local Maintaining Agency Report

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 for all levee units and the locations of these activities. Activities included erosion repair, road improvements and 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 planned for all levee units. Expenses include the cost of erosion repair, gate and signage maintenance, inspections and patrols, road improvement and maintenance, and vegetation control. The reported total estimated cost for the current fiscal year is \$59,500.

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 CVFPB or DWR

The Agency reported that the Agency prepared a Five Year Plan that included maintenance planning and long-term operations of the levees maintained by the Agency. The Agency also informed about the USACE Periodic Inspection Report.

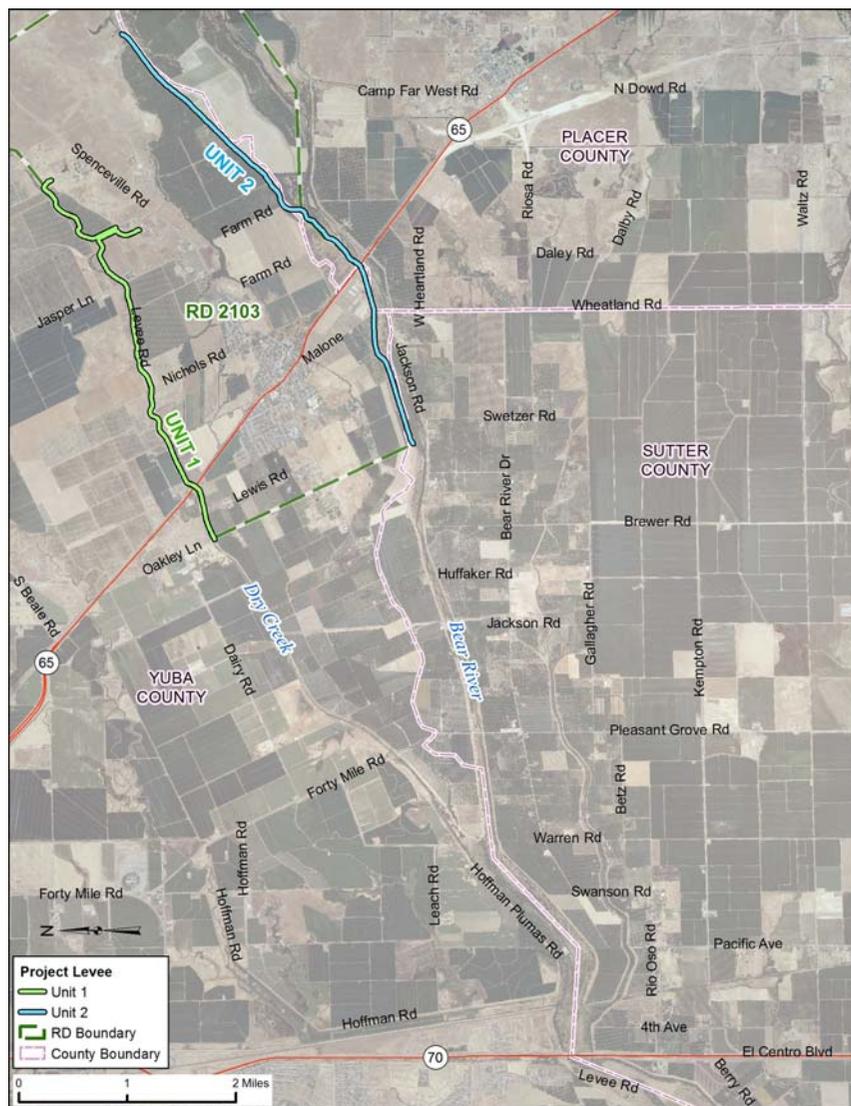
Reclamation District No. 2103

Wheatland Vicinity

**Placer County
Yuba County**

Contact

Dean Webb
1758 Oakley Lane
Wheatland CA 95692
Phone: (530) 633-4072



Levee Short Name : RD2103

Bank Unit Length (Miles)

Unit No. 01 South Dry Creek	LB	4.77
Unit No. 02 Bear River	RB	5.00

Threat Assessment & Recommendations

- The LMA should continue to maintain the area at the high level seen during the last inspection.
- The LMA should focus more on controlling vegetation to maintain visibility and access.

SACRAMENTO SYSTEM : Reclamation District No. 2103 Wheatland Vicinity

DWR Levee Inspection Summary

RD2103	Total LMA Miles		9.77									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	A				A							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Animal Control	0.01		0.01	0.10					-0.01		-0.01	-0.10
Flood Preparedness & Training					0.10		0.10	1.02	0.10		0.10	1.02
<i>LMA Totals:</i>	0.01	0.00	0.01	0.10	0.10	0.00	0.10	1.02	0.09	0.00	0.09	0.92

RD 2103

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 0817 and RD 2103 - City of Wheatland	16.06	Active		N/A
RD 2103 - Grasshopper Slough	1.07	Active		N/A

DWR Summary of Local Maintaining Agency Report

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 at Levee Unit 1. The Agency also reported excess channel vegetation and sediment accumulation for entire reach of Levee Unit 1 and 2 and noted roads and ramps need additional rock at Levee Unit 1 from LM 0.5 to 2. The Agency stated that DWR repaired a critical erosion site at Levee Unit 2 while the Agency repaired two areas of erosion concerns as part of the Bear River North Levee project in 2009 at Levee Unit 2, LM 0.6 to 0.8. The Agency also stated that the Bear River Levee Rehabilitation Project was completed in 2009 and the CVFPB accepted the project as complete in October 2010.

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 presence of beaver and squirrel activities and insufficient freeboard throughout Levee Unit 1. The Agency identified beaver dams at Levee Unit 1. The Agency stated that DWR repaired a critical erosion site at Levee Unit 2 and the Agency repaired two areas of erosion concerns as part of the Bear River North Levee project in 2009 at Levee Unit 2, LM 0.6 to 0.8. The Agency also stated that the Bear River Levee Rehabilitation Project completed in 2009 has corrected all known deficiencies at 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 expenses and maintenance activities accomplished for all levee units. Activities included gate maintenance, rodent control, and vegetation control. The reported total expenses in the previous fiscal year was \$13,900.

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 planned for all levee units. Expenses include costs of roadway grading, rodent control, and vegetation control. The reported total estimated cost for the current fiscal year is \$31,000.

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 CVFPB or DWR

The Agency reported that Proposition 218 was passed in July 2010 which provides increased local funding for OMRR&R of the improved levee by up to \$64,000 per year. The Agency also reported submitting Construction Documentation Report, Addendum to Supplemental Operation and Maintenance Manual, and Project Completion Reports to DWR and CVFPB on June, 2010.

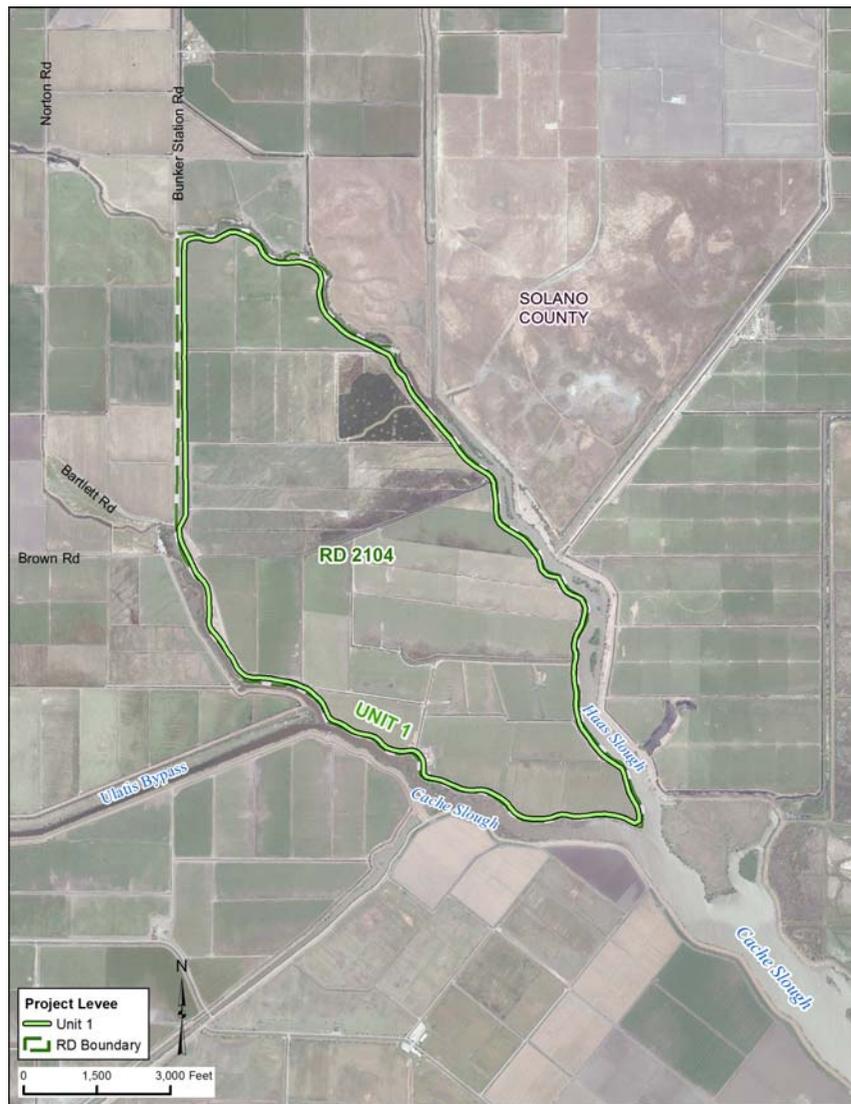
Reclamation District No. 2104 Peters Pocket Tract

RD 2104

Solano County

Contact

Ken Machado
33 North San Pedro Street
San Jose CA 95110
Phone: (408) 280-7577



Levee Short Name : RD2104

Bank Unit Length (Miles)

Unit No. 01 Cache Slough

LB

7.40

Threat Assessment & Recommendations

- The crown roadway in this Area may not be able to be driven in all types of weather.
- The LMA should ensure that the levee crown and access roads are able to be driven in all weather conditions.
- The LMA should focus more on controlling vegetation to maintain visibility and access.

SACRAMENTO SYSTEM : Reclamation District No. 2104 Peters Pocket Tract

DWR Levee Inspection Summary

RD2104	Total LMA Miles		7.40									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	U				U							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	15.86	1.64	22.42	302.97	15.85	1.60	22.25	300.68	-0.01	-0.04	-0.17	-2.30
Trim / Thin Trees	0.05	0.05	0.25	3.38	0.05		0.05	0.68		-0.05	-0.20	-2.70
Encroachments	0.01		0.01	0.14	0.01		0.01	0.14				0.00
Erosion / Bank Caving	0.05		0.05	0.68	0.06		0.06	0.81	0.01		0.01	0.14
Crown Surface / Depressions / Rutting	2.19		2.19	29.60	10.35	6.00	34.35	464.19	8.16	6.00	32.16	434.59
Operations & Maintenance Manuals					0.07		0.07	0.95	0.07		0.07	0.95
Emergency Supplies & Equipment					0.07		0.07	0.95	0.07		0.07	0.95
Flood Preparedness & Training					0.07		0.07	0.95	0.07		0.07	0.95
<i>LMA Totals:</i>	18.16	1.69	24.92	336.76	26.54	7.60	56.94	769.46	8.38	5.91	32.01	432.70

RD 2104

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 2104 - Peters Pocket	6.83	Active		N/A

DWR Summary of Local Maintaining Agency Report

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 new conditions were noted other than what is stated in the Spring 2012 Levee Inspection Report. The Spring 2012 Inspection Report provided an unacceptable rating for vegetation on levee slopes and crown.

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 new conditions were noted other than what is stated in the Spring 2012 Levee Inspection Report. The Spring 2012 Inspection Report provided an unacceptable rating for vegetation on levee slopes and crown.

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. Activities included cleaning, grazing, and mowing of levees, tree trimming, 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 planned for all levee units. Expenses include costs of grazing and mowing of levees, rodent control, and vegetation control. The reported total estimated cost for the current fiscal year is \$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 CVFPB or DWR

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

American River Flood Control District

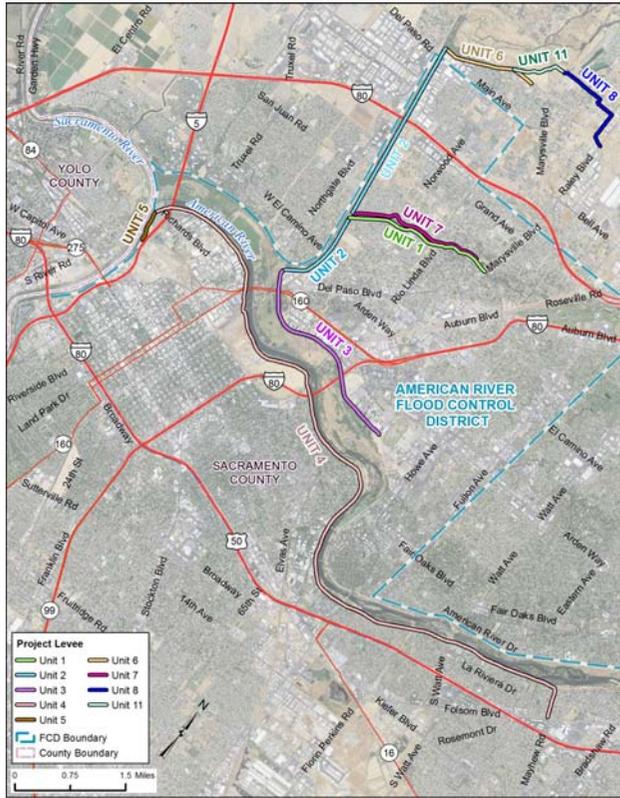
Sacramento County

Contact

Karolyn Simon
165 Commerce Circle Suite D
Sacramento CA 95815
Phone: (916) 929-4006

SACRAMENTO SYSTEM : American River Flood Control District

ARFCD



Levee Short Name : NA0001

Bank Unit Length (Miles)

Unit No.	Bank	Unit Length (Miles)
Unit No. 01 Arcade Creek	LB	2.10
Unit No. 02 Natomas E Canal	LB	3.95
Unit No. 03 American River	RB	2.78
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

Threat Assessment & Recommendations

- The LMA should continue to maintain the area at the high level seen during the last inspection.
- The LMA should work with landowners and the CVFPB to control unauthorized encroachments.

SACRAMENTO SYSTEM : American River Flood Control District

ARFCD

DWR Levee Inspection Summary

NA0001	Total LMA Miles		32.51									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	A				A							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	0.04		0.04	0.12	0.06		0.06	0.19	0.02		0.02	0.06
Encroachments	0.31		0.31	0.95	0.20		0.20	0.62	-0.11		-0.11	-0.34
Animal Control	0.27		0.27	0.83	0.20		0.20	0.62	-0.07		-0.07	-0.22
Slope Stability					0.01		0.01	0.03	0.01		0.01	0.03
Erosion / Bank Caving	0.06		0.06	0.19	0.03		0.03	0.09	-0.03		-0.03	-0.09
<i>Supplemental</i>												
USACE Erosion Survey	0.02		0.02	0.06	0.01		0.01	0.03	-0.01		-0.01	-0.03
<i>LMA Totals:</i>	0.70	0.00	0.70	2.15	0.51	0.00	0.51	1.57	-0.19	0.00	-0.19	-0.58

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

Unit No. 04 American River

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
LAR_1-8_L	1.80	1.62	1.62	eroding new	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
American River FCD - American R right bank, NEMDC	14.09	Active	09/10/2010	M
American River FCD - Dry Cr, NEMDC, Arcade Cr	7.08	Active	09/10/2010	M
American River FCD - Dry Creek right bank, Unit 11	1.59	Active	09/10/2010	M
MA 09 - City of Sacramento - American R left bank	35.27	Inactive	08/21/2012	U

DWR Summary of Local Maintaining Agency Report**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 was 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 was 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 performed for Levee Units 1, 3A, 3B, 5, 6, 7, 8, 9, 10 and 11. Activities included gate maintenance and repair, minor erosion areas identification and repair, rodent control, routine levee inspections, and vegetation control. The Agency also reported corrected or ongoing corrective actions for all levee units in response to DWR inspection comments. The corrected actions included encroachment, rodent and vegetation controls. Reported total expenditure for the levee units was \$1,231,000 in fiscal year 2011-2012.

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 planned maintenance activities for all levee units. Expenses include costs of encroachment control, gate maintenance and repair, minor erosion identification and repair, rodent control, weekly routine levee inspections, and vegetation control. The reported total estimated cost for the current fiscal year for all levee units is \$1,611,850.

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

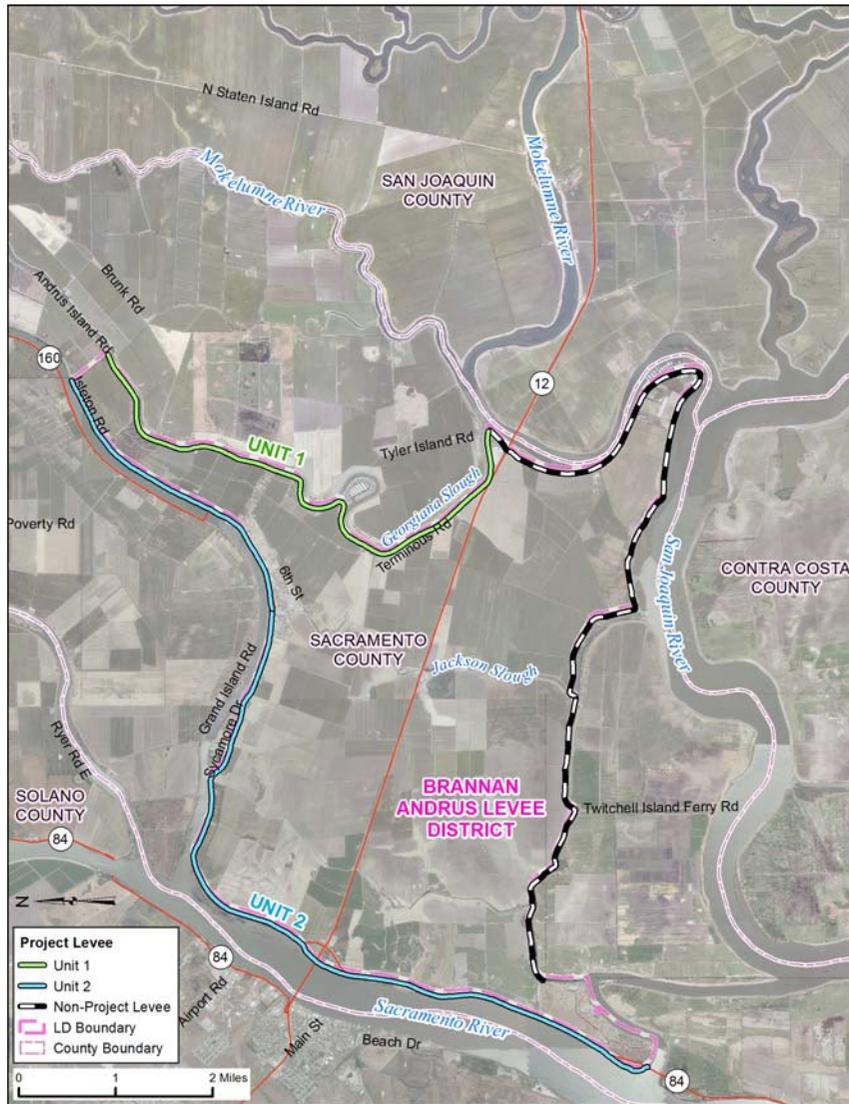
The Agency reported USACE's bank protection work at Levee Unit 4, LM 9.74. The Agency also mentioned about the City of Sacramento Bridge rebuilt at Norwood Ave and associated CVFPB Permit.

Brannan Andrus Levee Maintenance District

Solano County

Contact

Larry L. Gardiner
District Office • PO Box 338
Walnut Grove CA 95690
Phone: (916) 425-1571



Levee Short Name : NA0002

Bank Unit Length (Miles)

Unit No. 01 Georgiana Slough	RB	6.02
Unit No. 02 Sacramento River	LB	13.30

Threat Assessment & Recommendations

- There is erosion occurring in this Area that should be monitored.
- The LMA should focus on repairing erosion sites.
- The LMA should focus more on controlling vegetation to maintain visibility and access.

SACRAMENTO SYSTEM : Brannan Andrus Levee Maintenance District

BALMD

DWR Levee Inspection Summary

NA0002	Total LMA Miles		19.32									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	M				M							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	0.36	0.01	0.40	2.07	0.41		0.41	2.12	0.05	-0.01	0.01	0.05
Trim / Thin Trees	1.04		1.04	5.38	0.61		0.61	3.16	-0.43		-0.43	-2.23
Encroachments	0.04		0.04	0.21	0.03		0.03	0.16	-0.01		-0.01	-0.05
Animal Control	0.01		0.01	0.05	0.01		0.01	0.05				0.00
Flood Preparedness & Training					0.19		0.19	0.98	0.19		0.19	0.98
<i>Supplemental</i>												
USACE Erosion Survey	1.08	0.25	2.08	10.77	0.60	0.50	2.60	13.46	-0.48	0.25	0.52	2.69
<i>LMA Totals:</i>	2.53	0.26	3.57	18.48	1.85	0.50	3.85	19.93	-0.68	0.24	0.28	1.45

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

Unit No. 02 Sacramento River

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
SAC_18-1_L	18.10	2.59	2.63	eroding	M
SAC_18-1_L	18.00	2.66	2.74	eroding	M
SAC_18-1_L	17.20	3.40	3.57	critical	U
SAC_18-1_L	16.80	3.61	3.72	critical	U
SAC_18-1_L	15.00	5.68	5.73	eroding	M
SAC_18-1_L	13.60	6.97	7.03	eroding	M
SAC_18-1_L	12.10	8.26	8.50	eroding	M
SAC_18-1_L	11.20	8.95	9.17	critical	U
SAC_18-1_L	10.80	9.85	9.98	eroding	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Brannan-Andrus LMD - RD 0556	27.48	Inactive	01/18/2008	Pending

DWR Summary of Local Maintaining Agency Report

BALMD

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 waterside erosions at Levee Unit 2, LM 2.91, 3.43, 3.64, and 4.48 and pointed out a need for revetment repairs. The Agency also reported revetment settlement and loss at Levee Unit 2 at LM 2.81 and 6.05.

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 minor crown subsidence and PL 84-99 crown elevation deficiency at various locations at Mokelumne River Station 114+00 to 150+00.

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

The Agency referred to fiscal year 2011-2012 application to the Delta Subventions Program for the information. The 2011-2012 application provided a summary of estimated cost and maintenance activities for all levee units. Activities included costs of administration, cleaning ditches, engineering and geotechnical studies, erosion repairs, removal of berm deposits, slope protection, roadway maintenance, rodent repairs, seepage control, underwater surveys, 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 referred to the fiscal year 2012-2013 application to the Delta Subventions Program for a summary of planned maintenance activities for 10.08 miles of Non-Project Levees and 19.32 miles of Project Levees. Expenses include costs of administration, cleaning ditches, engineering and geotechnical services, encroachment control, erosion repairs, levee profile and cross sections, rodent repairs, seepage and boils control, shaping levee crown to drain, underwater surveys, vegetation control, and waterside slope protection. The reported total estimated cost for the planned routine maintenance for the current fiscal year is \$1,064,500.

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 CVFPB or DWR

The Agency referred to the USACE Periodic Inspection Report for information.

Butte County Public Works Department

Butte County

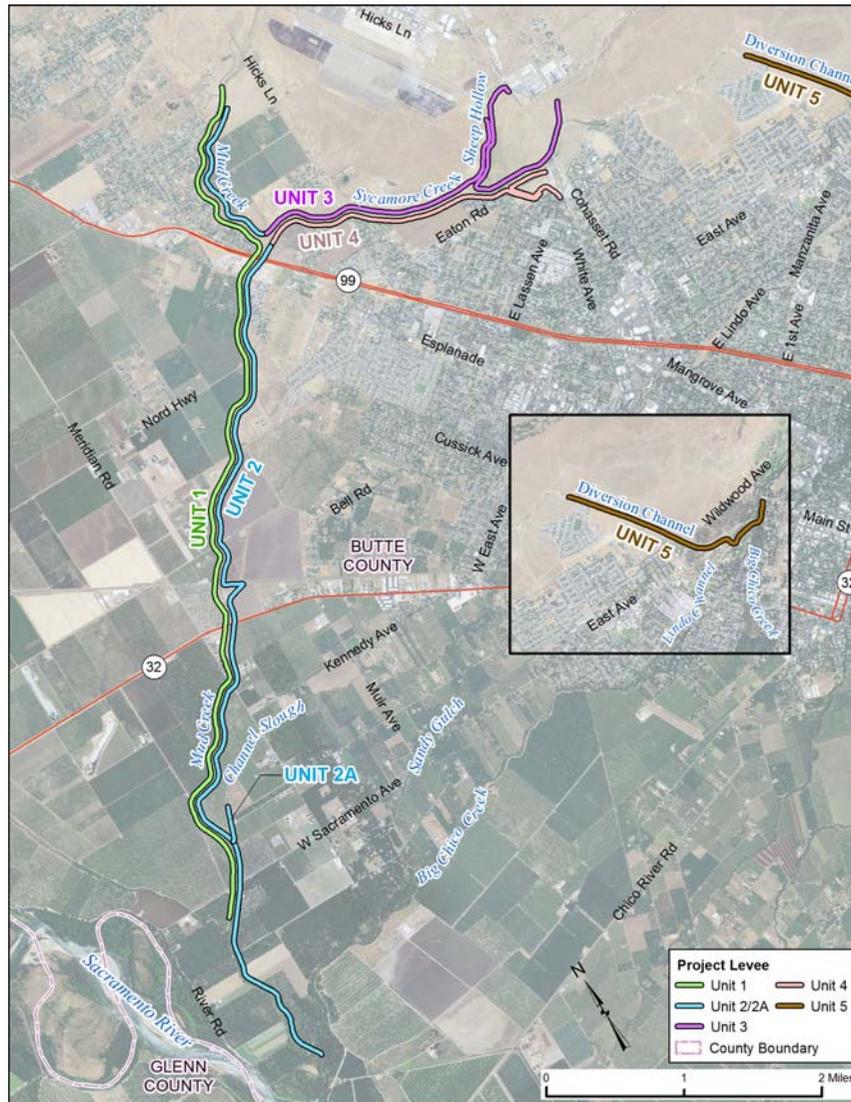
Contact

Mike Crump

Agency Office • 7 County Center Drive

Oroville CA 95965-3397

Phone: (530) 538-7681



Levee Short Name : NA0003	Bank	Unit Length (Miles)
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

Threat Assessment & Recommendations

- The LMA should continue to maintain the area at the high level seen during the last inspection.
- The LMA should focus on repairing erosion sites.
- The LMA should continue to maintain the area at the high level seen during the last Structure inspection.

DWR Levee Inspection Summary

NA0003	Total LMA Miles											
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Encroachments	0.05		0.05	0.20	0.05		0.05	0.20				0.00
Animal Control	0.04		0.04	0.16					-0.04		-0.04	-0.16
Slope Stability	0.01		0.01	0.04	0.01		0.01	0.04				0.00
<i>Supplemental</i>												
USACE Erosion Survey	0.01		0.01	0.04	0.05		0.05	0.20	0.04		0.04	0.16
<i>LMA Totals:</i>	0.11	0.00	0.11	0.45	0.11	0.00	0.11	0.45	0.00	0.00	0.00	0.00

DWR Structure Inspection Summary

Structure Name	Overall Rating
Lindo Channel Diversion Weir	A
Lindo Channel Control Structure	A
Big Chico Creek Diversion Structure	A

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

Unit No. 01 Mud Creek

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
MUD_4-4_R	0.00	4.32	4.37	eroding	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Chico Creek-Mud Creek - Unit 1	6.80	Active		U
Chico Creek-Mud Creek - Unit 3 east, Sycamore rt	1.87	Active		U
Chico Creek-Mud Creek - Unit 4 east, Sycamore left	0.71	Active		U
Chico Creek-Mud Creek - Unit 5, diversion levee	1.80	Active		U
Chico Creek-Mud Creek - Units 2 north and 3	3.35	Active		U
Chico Creek-Mud Creek - Units 2 south and 4	9.23	Active		U

DWR Summary of Local Maintaining Agency Report

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 normal levee maintenance operations and timely repair of any damaged areas by the County and stated that there was no new information to report. The Agency also reported that ongoing sediment accumulation is reducing system capacity.

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 normal levee maintenance operations and timely repair of any damaged areas by the County and stated that there was no new information to report. The Agency also reported that ongoing sediment accumulation is reducing system capacity.

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

No information was 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 reported normal O&M activities planned for the levees and structures in compliance with O&M manual for Chico Creek, Mud Creek, and Sandy Gulch for the current fiscal year. The reported total estimated O&M cost for the current 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 CVFPB or DWR

The Agency reported construction plans, Design Memorandum Number 5, and O&M manual for the system are on file with the Butte County Public Works.

California Department of Fish and Game

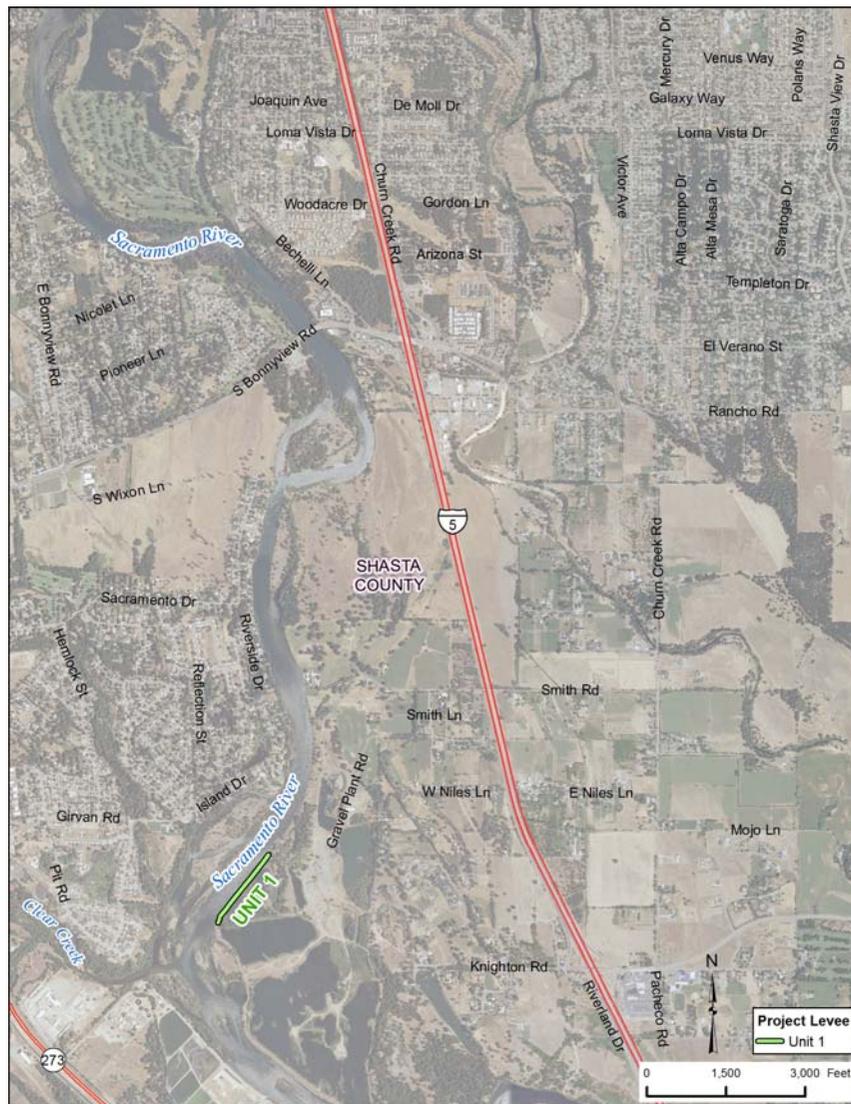
Shea Levee

Shasta County

Contact

Tony Roblaz
1760 Bidwell Street
Red Bluff CA 96080
Phone: (530) 528-9406

Shea Levee



Levee Short Name : NA0018

Bank Unit Length (Miles)

Unit No. 01 Sacramento River

LB

0.30

Threat Assessment & Recommendations

- There is vegetation that significantly impacts access and visibility in this Area.
- The LMA should focus more on controlling vegetation to maintain visibility and access.

SACRAMENTO SYSTEM : California Department of Fish and Game Shea Levee

DWR Levee Inspection Summary

NA0018	Total LMA Miles		0.30									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	U				U							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	0.09		0.09	30.00	0.22		0.22	73.33	0.13		0.13	43.33
Trim / Thin Trees					0.14		0.14	46.67	0.14		0.14	46.67
Flood Preparedness & Training					0.00				0.00			0.00
<i>LMA Totals:</i>	0.09	0.00	0.09	30.00	0.36	0.00	0.36	120.00	0.27	0.00	0.27	90.00

Shea Levee

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
No USACE Ratings available.				

DWR Summary of Local Maintaining Agency Report

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 stated no activities at the time of reporting.

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 was 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 CVFPB or DWR

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

City of Sacramento

Sacramento County

Contact

Dave Brent

Department Of Utilities • 5730 24th Street

Sacramento CA 95822

Phone: (916) 808-6955



Levee Short Name : NA0005

Bank Unit Length (Miles)

Unit No. 01 City of Sacramento

LB

3.63

Threat Assessment & Recommendations

- The LMA should continue to maintain the area at the high level seen during the last inspection.
- The LMA should focus on repairing erosion sites.
- The LMA should continue to maintain the area at the high level seen during the last Structure inspection.
- The LMA should ensure that the SPFC structure is able to perform as designed and constructed.

DWR Levee Inspection Summary

NA0005	Total LMA Miles		3.63									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
			M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Supplemental</i>												
USACE Erosion Survey	0.15		0.15	4.13	0.12		0.12	3.31	-0.03		-0.03	-0.83
<i>LMA Totals:</i>	0.15	0.00	0.15	4.13	0.12	0.00	0.12	3.31	-0.03	0.00	-0.03	-0.83

City of Sacramento

DWR Structure Inspection Summary

Structure Name	Overall Rating
Magpie Creek Pumping Plant	A
El Camino Avenue Bridge	A

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

Unit No. 01 City of Sacramento

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
SAC_58-5_L	58.50	1.32	1.39	eroding	M
SAC_58-5_L	56.60	2.84	2.89	eroding	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
MA 09 - City of Sacramento - American R left bank	35.27	Inactive	08/21/2012	U

DWR Summary of Local Maintaining Agency Report

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 availability of as-built drawings of Sacramento River slurry wall, revetment, relief wells, piezometers, and Old Sacramento floodwalls. The Agency informed that relief wells were installed by USACE. The Agency reported on the existing miscellaneous facilities such as buildings, landscaping, and museum at Levee Unit 1 and provided their locations. The Agency also reported erosion near the toe of Levee Unit 1, LM 1.71.

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 known conditions exist that might impair or compromise level of flood protection.

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

The Agency reported corrected and ongoing corrective actions in response to DWR inspection comments for all levee units. The corrected actions included encroachment control, tree thinning and trimming, 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 planned for all levee units. Expenses include costs of minor structure repairs, roadway maintenance, rodent control, and vegetation control. The reported total estimated cost for the current fiscal year is \$357,000.

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 CVFPB or DWR

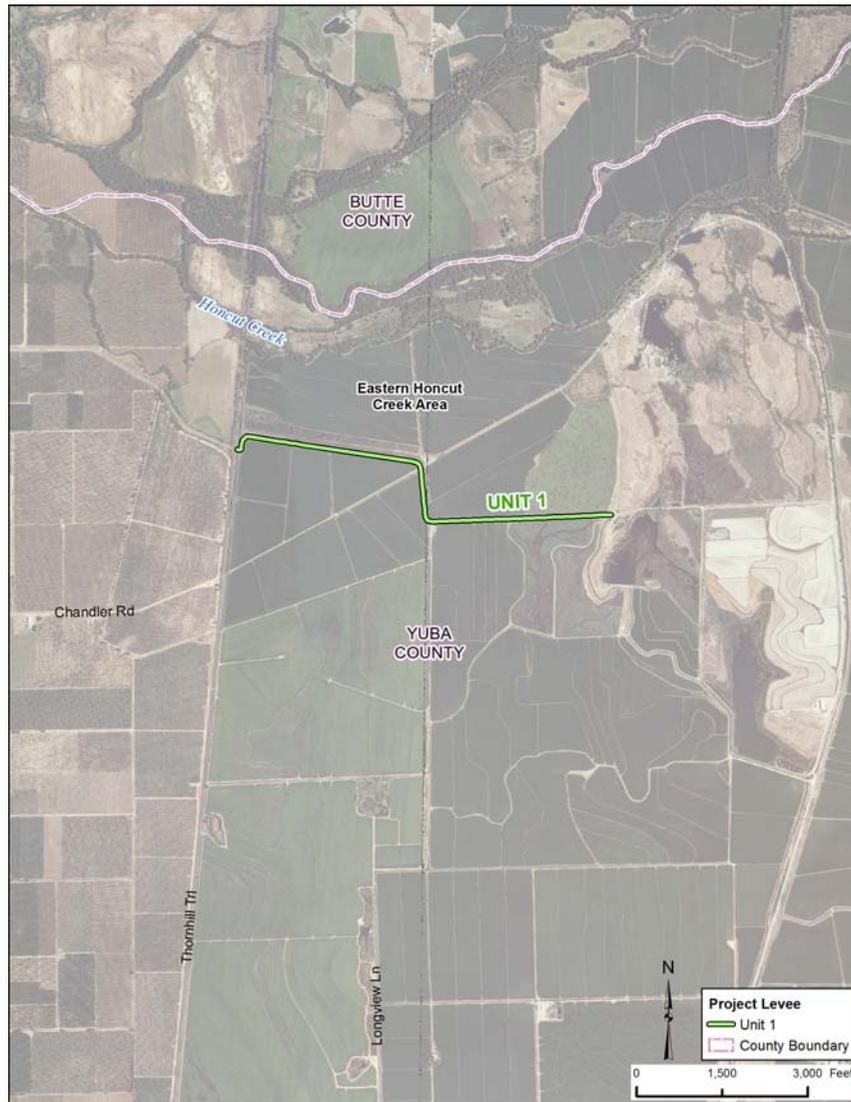
The Agency stated that USACE has decertified MA 09- City of Sacramento, American Levee Left Bank Levee System on two infractions. The Agency referred to the acceptable status of the maintained Levee Unit in DWR's Annual Inspection Report and suggested that the Unit should be eligible for PL84-99 rehabilitation assistance.

Eastern Honcut Creek

Yuba County

Contact

No Contact Information Available



Levee Short Name : NA0006

Bank Unit Length (Miles)

Unit No. 01 Van Tress

LB

1.50

Threat Assessment & Recommendations

- There is vegetation that significantly impacts access and visibility in this Area.
- The LMA should focus more on controlling vegetation to maintain visibility and access.

SACRAMENTO SYSTEM : Eastern Honcut Creek

DWR Levee Inspection Summary

NA0006	Total LMA Miles		1.50									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	U				U							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	2.94		2.94	196.00	2.94		2.94	196.00				0.00
Crown Surface / Depressions / Rutting	0.67		0.67	44.67					-0.67		-0.67	-44.67
Operations & Maintenance Manuals					0.02		0.02	1.33	0.02		0.02	1.33
Flood Preparedness & Training					0.02		0.02	1.33	0.02		0.02	1.33
<i>LMA Totals:</i>	3.61	0.00	3.61	240.67	2.97	0.00	2.97	198.00	-0.64	0.00	-0.63	-42.67

Honcut Creek

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Honcut Creek Area - Eastern	1.45	Active		N/A

DWR Summary of Local Maintaining Agency Report

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 was 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 was 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 was 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 was 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 CVFPB or DWR

No information was provided by the Agency for Part 5.

Knights Landing Ridge Drainage District

Knights
Landing

Yolo County

Contact

Lewis Bair

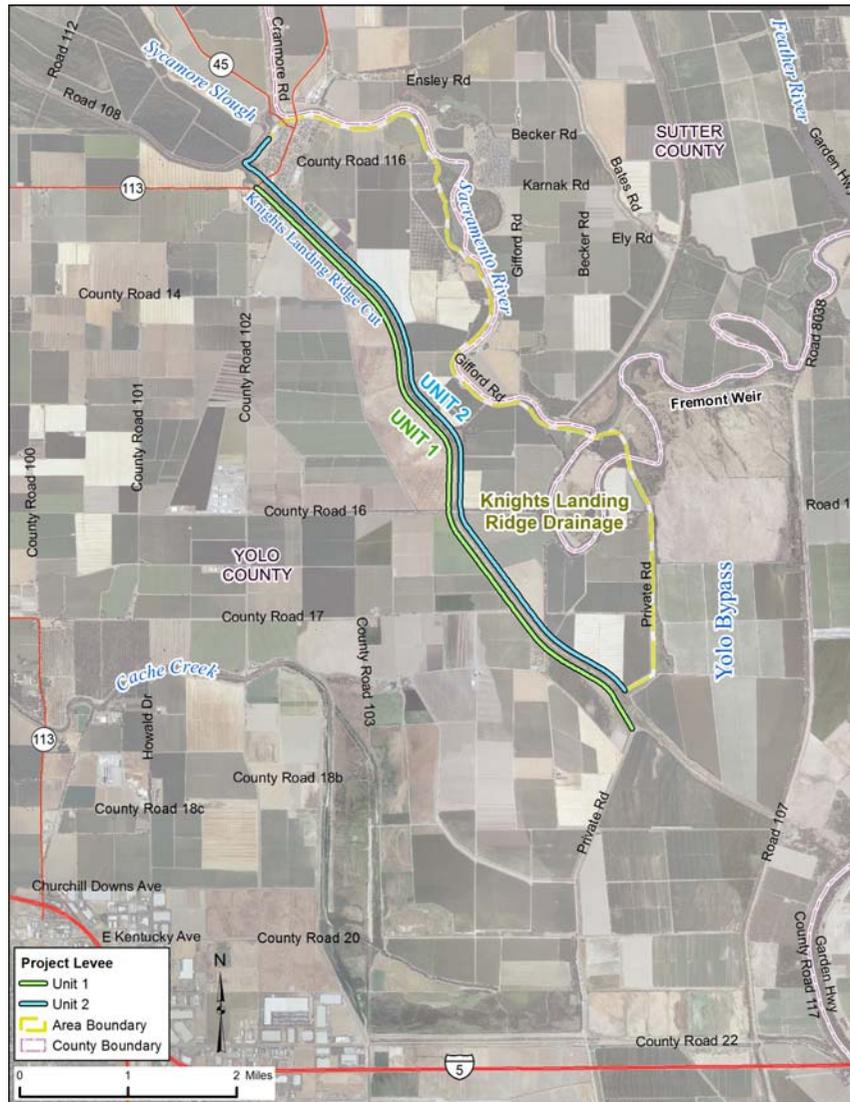
PO Box 50

Grimes CA 95950

Phone: (530) 437-2221

SACRAMENTO SYSTEM : Knights Landing Ridge Drainage District

Knights
Landing



Levee Short Name : NA0008

Bank Unit Length (Miles)

Unit No. 01 Knights Landing Ridge Cut	RB	6.43
Unit No. 02 Knights Landing Ridge Cut	LB	6.14

Threat Assessment & Recommendations

- The LMA should continue to maintain the area at the high level seen during the last inspection.
- The LMA should work with landowners and the CVFPB to control unauthorized encroachments.

SACRAMENTO SYSTEM : Knights Landing Ridge Drainage District

DWR Levee Inspection Summary

NA0008	Total LMA Miles		12.57									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	A				A							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation					0.01		0.01	0.08	0.01		0.01	0.08
Encroachments	0.24		0.24	1.91	0.24		0.24	1.91				0.00
Slope Stability					0.01		0.01	0.08	0.01		0.01	0.08
Cracking	0.01		0.01	0.08	0.01		0.01	0.08				0.00
<i>Supplemental</i>												
USACE Erosion Survey	0.07		0.07	0.56	0.07		0.07	0.56				0.00
LMA Totals:	0.32	0.00	0.32	2.55	0.34	0.00	0.34	2.71	0.02	0.00	0.02	0.16

Knights Landing

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

Unit No. 01 Knights Landing Ridge Cut

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
KLR_3-5_R	0.00	3.36	3.36	eroding	M
KLR_3-5_R	0.00	3.88	3.88	eroding	M

Unit No. 02 Knights Landing Ridge Cut

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
KLR_3-5_R	0.00	2.72	2.72	eroding	M
KLR_3-5_R	0.00	3.01	3.01	eroding	M
KLR_3-5_R	0.00	3.61	3.61	eroding	M
KLR_3-5_R	0.00	4.35	4.35	eroding	M
KLR_3-5_R	0.00	5.37	5.37	eroding	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Cache Crk U1 - Yolo Bypass U2 - Knights Landing U1	19.49	Active		N/A
Knights Landing U2 - Yolo Bypass - Service Area 6	15.19	Inactive	11/21/2011	U

DWR Summary of Local Maintaining Agency Report

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 the conditions did not vary from the previous inspections. The 2012 Spring Inspection Report provided unacceptable rating for encroachment at Levee Unit 2, LM 6.05 to 6.12.

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 the conditions did not vary from the previous inspections. The 2012 Spring Inspection Report provided unacceptable rating for encroachment at Levee Unit 2, LM 6.05 to 6.12.

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 the levee units. Activities included patrolling, roadway maintenance, rodent baiting and monitoring, slope dragging, vegetation burning, clearing, and spraying. The Agency also provided the total maintenance cost for the previous fiscal year as \$23,841.

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 planned for all levee units. Expenses include costs of patrolling, roadway maintenance, rodent control, and vegetation control. The reported total estimated cost for the current 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 CVFPB or DWR

No information was provided by the Agency for Part 5.

Lake County Watershed Protection District

Lake
County

Lake County

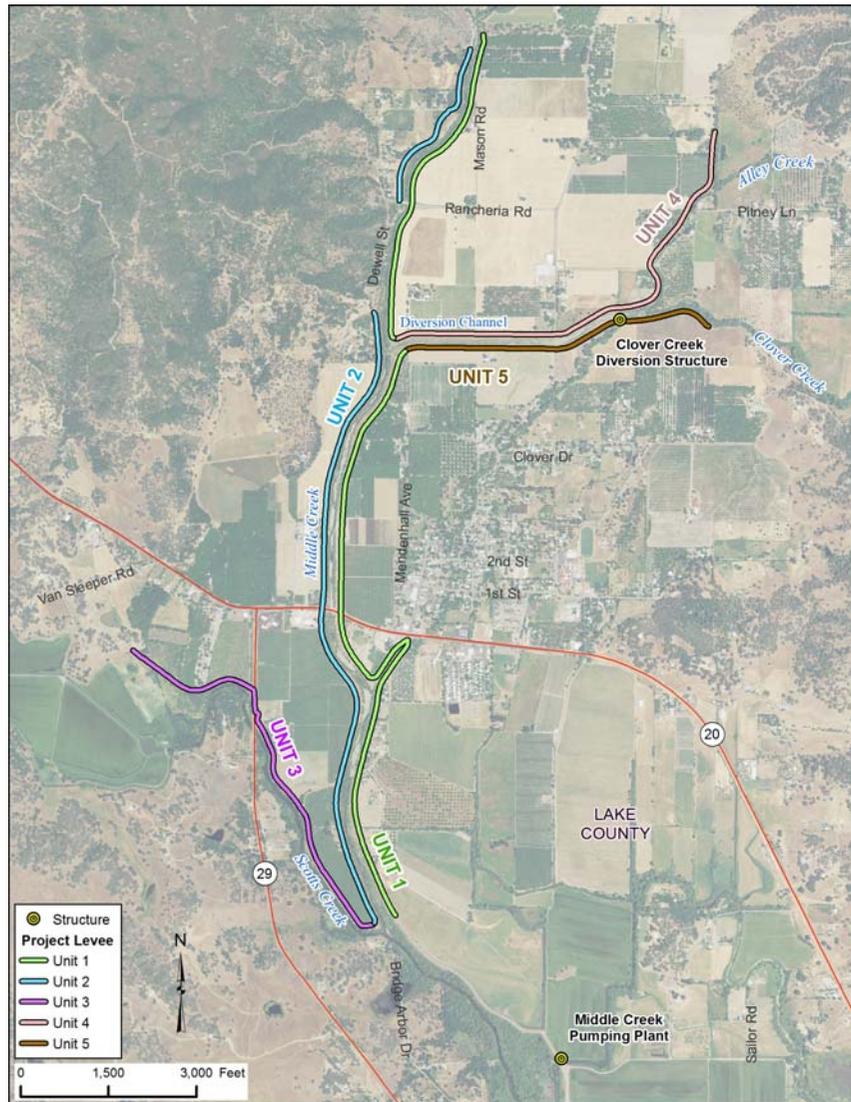
Contact

Scott De Leon

Lake County Water Resources Department • 255 North Forbes Street # 309

Lakeport CA 95453

Phone: (707) 263-2344



SACRAMENTO SYSTEM : Lake County Watershed Protection District

Levee Short Name : NA0009

Bank Unit Length (Miles)

Unit No. 01 Middle Creek	LB	3.42
Unit No. 02 Middle Creek	RB	3.13
Unit No. 03 Scotts Creek	LB	1.35
Unit No. 04 Poge, Alley and Clover Creek Diversion	RB	1.53
Unit No. 05 Clover Creek and Clover Creek Diversion	LB	1.04

Threat Assessment & Recommendations

- The LMA should continue to maintain the area at the high level seen during the last inspection.
- The LMA should focus more on controlling vegetation to maintain visibility and access.
- A SPFC structure in this Area has conditions that may significantly impact its performance.
- The LMA should ensure that the SPFC structure is able to perform as designed and constructed.

Lake
County

DWR Levee Inspection Summary

NA0009	Total LMA Miles		10.47									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	0.20		0.20	1.91	0.27		0.27	2.58	0.07		0.07	0.67
Trim / Thin Trees	0.13		0.13	1.24	0.13		0.13	1.24				0.00
Encroachments	0.04		0.04	0.38	0.01		0.01	0.10	-0.03		-0.03	-0.29
Slope Stability					0.01		0.01	0.10	0.01		0.01	0.10
<i>LMA Totals:</i>	0.37	0.00	0.37	3.53	0.42	0.00	0.42	4.01	0.05	0.00	0.05	0.48

DWR Structure Inspection Summary

Structure Name	Overall Rating
Highland Canal Diversion Weir And Drainage Structure	A
Clover Creek Diversion Structure	M

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Middle Creek left bank - Unit 1 north	2.56	Active		Pending
Middle Creek left bank - Unit 1 south	3.51	Active		Pending
Middle Creek left bank - Unit 5 and part of 1	2.34	Active		Pending
Middle Creek right bank - Unit 2	3.44	Active		Pending
Middle Creek right bank - Unit 2 north	0.58	Active		Pending

DWR Summary of Local Maintaining Agency Report

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 at Levee Unit 4, LM 0.8 to 1.33; sediment accumulation at Levee Unit 1, LM 2.0 to 3.5 and at Levee Unit 4, LM 0.5 to 1.33; and an encroachment from landslide 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 freeboards 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 included gate repair, sediment removal and vegetation control. The reported total maintenance cost for selected activities in the previous fiscal year was \$36,419.

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 planned for all levee units and the locations of these activities. Expenses include costs of channel vegetation removal, inspections, and vegetation mowing and spraying. The reported total estimated cost for the current fiscal year is \$40,619.

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

The Agency reported availability of the following items: two-foot interval aerial topographic mapping, DFG, CVRWQCB, CVFPB and USACE 404 permits for channel maintenance from 2006 to 2012, 1958 design plans and as-builts for Unit 1, 2, 4 and 5.

Marysville Levee Commission

Marysville

Yuba County

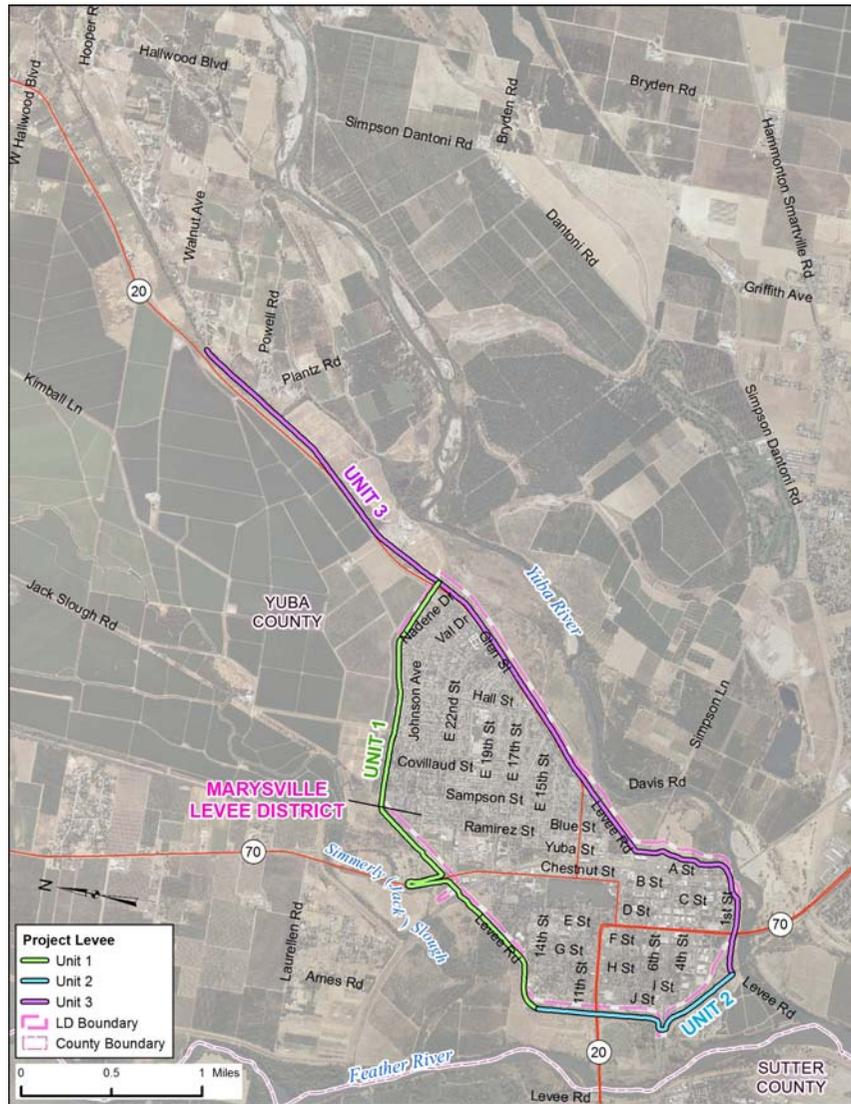
Contact

Pat Ajaira

PO Box 150

Marysville CA 95901

Phone: (530) 742-3734



Levee Short Name : NA0004

Bank Unit Length (Miles)

Unit No. 01 Simmerly Slough	LB	3.25
Unit No. 02 Feather River	LB	1.27
Unit No. 03 Yuba River	RB	6.86

Threat Assessment & Recommendations

- There are one or more encroachments that may significantly impact the integrity of the levee in this Area.
- The LMA should work with landowners and the CVFPB to control unauthorized encroachments.

SACRAMENTO SYSTEM : Marysville Levee Commission

DWR Levee Inspection Summary

NA0004	Total LMA Miles		11.38									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	A				M							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation												0.00
Encroachments					1.29		1.29	11.34	1.29		1.29	11.34
Slope Stability	0.01		0.01	0.09					-0.01		-0.01	-0.09
<i>LMA Totals:</i>	0.01	0.00	0.01	0.09	1.29	0.00	1.29	11.34	1.28	0.00	1.28	11.25

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
City of Marysville - Unit 3, NE extension	1.83	Inactive	09/10/2010	U
City of Marysville - Units 1, 2, and 3	7.43	Active	12/17/2010	M

Marysville

DWR Summary of Local Maintaining Agency Report

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 issues at the time of reporting. The Agency also stated that the Yuba Sutter Basin Study identified areas needing reinforcement to achieve the original design flood protection level. The Agency mentioned that Phase 1 is under construction with a completion date of November 1, 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 reported no known issues at the time of reporting. The Agency also stated that the Yuba Sutter Basin Study identified areas needing reinforcement to achieve the original design flood protection level. The Agency mentioned that Phase 1 is under construction with a completion date of November 1, 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. Activities included equipment and gate maintenance, inspection, roadway maintenance, rodent control, slope dragging, trash removal, and vegetation burning, disking, 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 planned for all levee units. Expenses include costs of access road and gate repair, levee burning and mowing, rodent control, slope dragging, vegetation control, and other needed necessary maintenance. The reported total estimated cost for the current fiscal year is \$461,000.

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 CVFPB or DWR

The Agency reported no known levee issues at the time of reporting. The Agency noted that issues may be identified by DWR upon completion of the Urban Levee Evaluation. The Agency also stated that the Yuba Sutter Basin Study identified areas needing reinforcement to achieve the design flood protection level. The Agency mentioned that Phase 1 is under construction while Phases 2 and 4 are under design stage.

Murphy Slough at M&T Ranch

M&T Ranch

Butte County

Contact

No Contact Information Available

SACRAMENTO SYSTEM : Murphy Slough at M&T Ranch

M&T Ranch



Levee Short Name : NA0014

Bank Unit Length (Miles)

Unit No. 01 Murphy Slough at M&T Ranch

LB

0.78

Threat Assessment & Recommendations

- There is vegetation that significantly impacts access and visibility in this Area.
- The LMA should focus more on controlling vegetation to maintain visibility and access.

SACRAMENTO SYSTEM : Murphy Slough at M&T Ranch

DWR Levee Inspection Summary

NA0014	Total LMA Miles		0.78									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	U				U							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	0.70		0.70	89.74	0.49		0.49	62.82	-0.21		-0.21	-26.92
<i>LMA Totals:</i>	0.70	0.00	0.70	89.74	0.49	0.00	0.49	62.82	-0.21	0.00	-0.21	-26.92

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
No USACE Ratings available.				

M&T Ranch

DWR Summary of Local Maintaining Agency Report

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 was 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 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 total cost and maintenance activities accomplished for all levee units. Activities included vegetation mowing with the total reported cost for the previous fiscal year as \$25,665.

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 planned for all levee units. Expenses include costs of vegetation mowing with the reported total estimated cost for the current fiscal year as \$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 CVFPB or DWR

No information was provided by the Agency for Part 5.

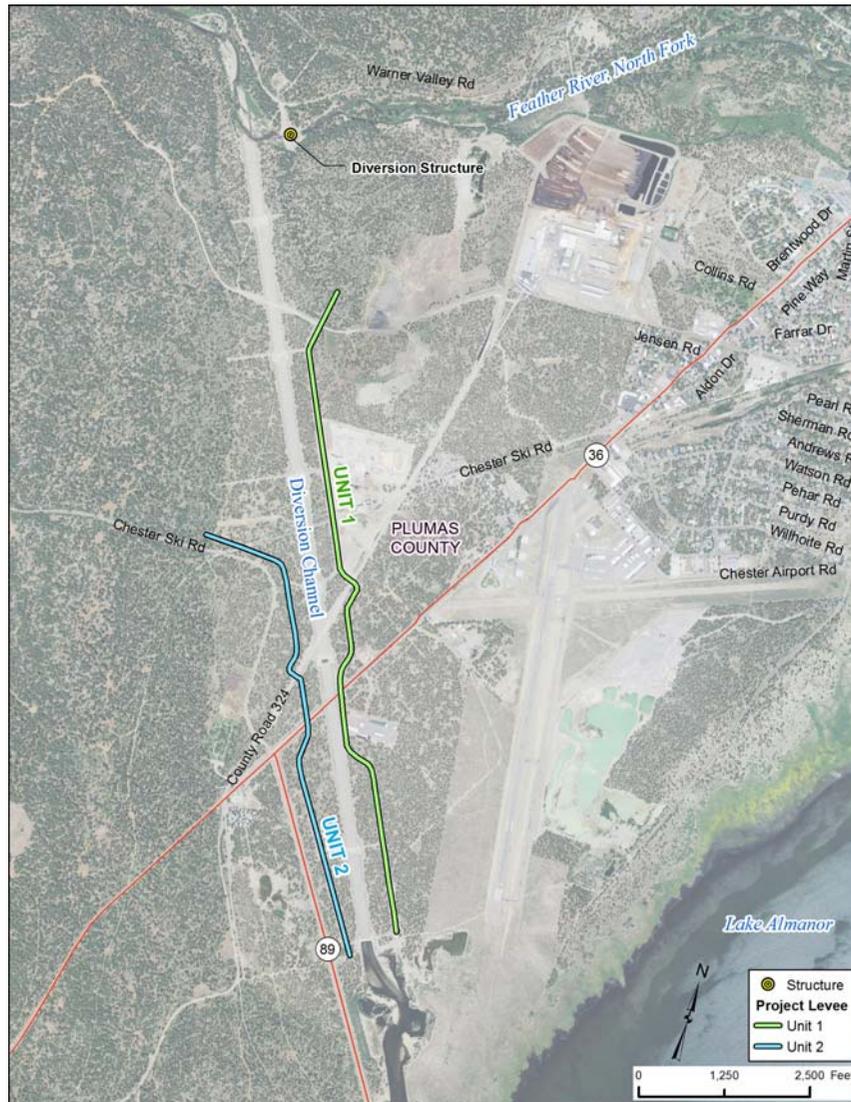
Plumas County

Plumas County

Contact

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

Plumas
County



Levee Short Name : NA0015

Bank Unit Length (Miles)

Unit No. 01 North Fork Feather River	LB	1.89
Unit No. 02 North Fork Feather River	RB	1.33

Threat Assessment & Recommendations

- There are one or more locations of unstable slopes and/or cracking in this Area.
- The LMA should repair locations where the levee slope may be unstable.
- The LMA should continue to maintain the area at the high level seen during the last Structure inspection.
- The LMA should ensure that the SPFC structure is able to perform as designed and constructed.

DWR Levee Inspection Summary

NA0015	Total LMA Miles		3.22									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	U				U							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation					1.20		1.20	37.27	1.20		1.20	37.27
Encroachments	0.01		0.01	0.31					-0.01		-0.01	-0.31
Slope Stability	0.04	0.16	0.68	21.12	0.04	0.16	0.68	21.12				0.00
<i>LMA Totals:</i>	0.05	0.16	0.69	21.43	1.24	0.16	1.88	58.39	1.19	0.00	1.19	36.96

DWR Structure Inspection Summary

Structure Name	Overall Rating
North Fork Feather River Diversion Structure	A
North Fork Feather River Diversion Channel Drop Structure No. 1 Through 7	A

Plumas County

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
North Fork Feather River at Chester - east levee	1.88	Inactive	08/21/2012	U
North Fork Feather River at Chester - west levee	1.36	Active	09/12/2011	M

DWR Summary of Local Maintaining Agency Report

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 there was no new information or issues 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)

No information was 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 reported that vegetation control activities were performed for all levee units during the previous fiscal year.

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 planned for all levee units. Expenses include costs of vegetation control. The reported total estimated cost for the current fiscal year is \$2,000.

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 CVFPB or DWR

No information was provided by the Agency for Part 5.

Sacramento County

Sacramento
County

Contact

No Contact Information Available

No Image

Levee Short Name : NA0050

Bank Unit Length (Miles)

No Units Associated with this District.

Threat Assessment & Recommendations

- The LMA should continue to maintain the area at the high level seen during the last Structure inspection.
- The LMA should ensure that the SPFC structure is able to perform as designed and constructed.

DWR Levee Inspection Summary

Levees in this District are not Inspected.

DWR Structure Inspection Summary

Structure Name	Overall Rating
American River Pumping Plant No. 2 Willhaggin Storm Drain D - 43	A
American River Pumping Plant No. 1 Howe Avenue Storm Drain D - 05	A

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
No USACE Ratings available.				

DWR Summary of Local Maintaining Agency Report

No Reporting by this District.

Sacramento River West Side Levee District

Sacramento County

WSLD

Contact

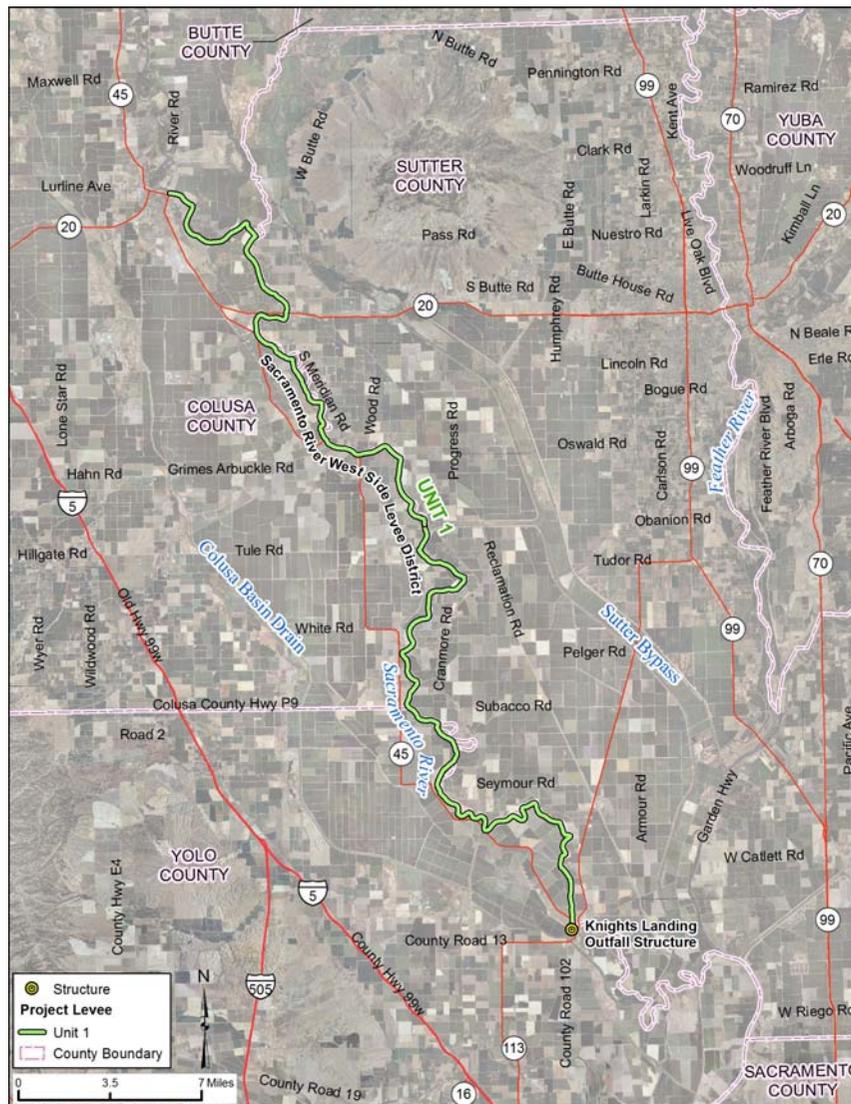
Lewis Bair

PO Box 50

Grimes CA 95950

Phone: (530) 437-2221

SACRAMENTO SYSTEM : Sacramento River West Side Levee District



Levee Short Name : NA0016	Bank	Unit Length (Miles)
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Unit No. 01 Sacramento River	RB	50.21
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Threat Assessment & Recommendations

- The LMA should focus on repairing erosion sites.

SACRAMENTO SYSTEM : Sacramento River West Side Levee District

DWR Levee Inspection Summary

NA0016	Total LMA Miles		50.21									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	A				A							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	0.21		0.21	0.42					-0.21		-0.21	-0.42
Trim / Thin Trees	0.02		0.02	0.04	0.01		0.01	0.02	-0.01		-0.01	-0.02
Encroachments	0.06		0.06	0.12	0.02		0.02	0.04	-0.04		-0.04	-0.08
Animal Control	0.04		0.04	0.08					-0.04		-0.04	-0.08
<i>Supplemental</i>												
USACE Erosion Survey	1.60		1.60	3.19	0.26		0.26	0.52	-1.34		-1.34	-2.67
<i>LMA Totals:</i>	1.93	0.00	1.93	3.84	0.29	0.00	0.29	0.58	-1.64	0.00	-1.64	-3.27

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

Unit No. 01 Sacramento River

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
SAC_101-3_R	101.30	11.48	11.48	eroding	M
SAC_101-3_R	111.00	18.74	18.74	eroding	M
SAC_101-3_R	115.90	23.54	23.54	eroding	M
SAC_101-3_R	118.00	25.90	26.05	eroding	M
SAC_101-3_R	122.00	29.67	29.67	eroding	M
SAC_101-3_R	122.30	29.93	29.93	eroding	M
SAC_101-3_R	123.70	31.42	31.42	eroding	M
SAC_101-3_R	125.60	33.27	33.27	eroding	M
SAC_101-3_R	127.90	35.21	35.21	eroding	M
SAC_101-3_R	136.60	42.93	42.93	eroding	M
SAC_101-3_R	141.50	47.61	47.61	eroding	M
SAC_101-3_R	143.50	49.44	49.44	eroding	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Sacramento River west bank	119.72	Active		Pending

WSLD

DWR Summary of Local Maintaining Agency Report

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 present conditions do not vary from previous inspections. The Spring 2012 Levee Inspection Report provided acceptable to minimally acceptable rating for all inspected items.

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 present conditions do not vary from previous inspections. The Agency reported that present conditions do not vary from previous inspections. The Spring 2012 Levee Inspection Report provided minimally acceptable to acceptable rating for all inspected items.

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

The Agency provided a summary of expenses and maintenance activities accomplished. Activities included patrolling, roadway maintenance, rodent baiting, and vegetation burning and spraying. The reported total maintenance cost for the previous fiscal year was \$108,230.

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 planned for all levee units. Expenses include costs of office overhead, patrolling, roadway maintenance, rodent control, and vegetation control. The reported total estimated cost for the current fiscal year is \$151,000.

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 CVFPB or DWR

No information was provided by the Agency for Part 5.

Solano County Public Works Mellin Levee

Solano County

Solano
County

Contact

Bill Emlen

675 Texas Street Suite 5500

Fairfield CA 94533

Phone: (707) 784-6765



Levee Short Name : NA0012	Bank	Unit Length (Miles)
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Unit No. 01 Mellin Levee	RB	0.59
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Threat Assessment & Recommendations

- The LMA should focus more on controlling vegetation to maintain visibility and access.

SACRAMENTO SYSTEM : Solano County Public Works Mellin Levee

DWR Levee Inspection Summary

NA0012	Total LMA Miles		0.59									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	A				A							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	0.01		0.01	1.70	0.01		0.01	1.70				0.00
Encroachments	0.01		0.01	1.70					-0.01		-0.01	-1.70
<i>LMA Totals:</i>	0.02	0.00	0.02	3.39	0.01	0.00	0.01	1.70	-0.01	0.00	-0.01	-1.70

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
No USACE Ratings available.				

Solano County

DWR Summary of Local Maintaining Agency Report

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 vegetation control activities accomplished during previous fiscal year. The Agency also reported corrected and pending corrective actions in response to DWR inspection comments. The corrected action included 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 planned for all levee units. Expenses include costs of roadway maintenance, and vegetation mowing and spraying. The reported total estimated cost for the current fiscal year is \$4,500.

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 CVFPB or DWR

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

Tehama County Flood Control and Water Conservation District

Tehama County

Tehama
County

Contact

Gary Antone

Agency Office • 9380 San Benito Avenue

Gerber CA 96035

Phone: (530) 385-1462

SACRAMENTO SYSTEM : Tehama County Flood Control and Water Conservation District



Levee Short Name : NA0019

Bank Unit Length (Miles)

Unit No.	Bank	Unit Length (Miles)
01 Deer Creek	LB	4.11
02 Deer Creek	RB	1.50
04 Elder Creek	LB	4.07
05 Elder Creek	RB	3.96

Threat Assessment & Recommendations

- There is vegetation that significantly impacts access and visibility in this Area.
- The LMA should focus more on controlling vegetation to maintain visibility and access.
- The LMA should focus on repairing erosion sites.
- The LMA should continue to maintain the area at the high level seen during the last Channel inspection.
- The LMA should ensure that the capacity of the channel as designed and constructed is maintained.

Tehama
County

SACRAMENTO SYSTEM : Tehama County Flood Control and Water Conservation District

DWR Levee Inspection Summary

NA0019	Total LMA Miles		13.64									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	M				M							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	0.67		0.67	4.91	1.40		1.40	10.26	0.73		0.73	5.35
Encroachments	0.18		0.18	1.32	0.09		0.09	0.66	-0.09		-0.09	-0.66
Animal Control	0.03		0.03	0.22	0.03		0.03	0.22				0.00
Slope Stability	0.30		0.30	2.20	0.31		0.31	2.27	0.01		0.01	0.07
Erosion / Bank Caving	0.02		0.02	0.15	0.01		0.01	0.07	-0.01		-0.01	-0.07
Crown Surface / Depressions / Rutting	0.22		0.22	1.61					-0.22		-0.22	-1.61
<i>Supplemental</i>												
USACE Erosion Survey	0.32		0.32	2.35	0.16		0.16	1.17	-0.16		-0.16	-1.17
<i>LMA Totals:</i>	1.74	0.00	1.74	12.76	2.00	0.00	2.00	14.66	0.26	0.00	0.26	1.91

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
McClure Creek	A
Salt Creek	A

Tehama County

USACE Sacramento River Erosion Summary

Unit No. 01 Deer Creek

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
DEC_2-4_L	0.00	2.98	3.00	eroding	M

Unit No. 02 Deer Creek

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
DEC_2-4_L	0.00	0.86	0.91	eroding	M

Unit No. 04 Elder Creek

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
DEC_2-4_L	0.00	1.44	1.51	eroding	M

Unit No. 05 Elder Creek

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
DEC_2-4_L	0.00	3.08	3.10	eroding	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Deer Creek left bank, Unit 1 east - Tehama County	3.09	Active	09/15/2010	N/A
Deer Creek left bank, Unit 1 west - Tehama County	1.14	Active		N/A
Deer Creek right bank, Unit 2 - Tehama County	1.45	Active		N/A
Deer Creek right bank, Unit 3 - Tehama County	0.44	Active		N/A
Elder Creek left bank, Unit 4 - Gerber levee	4.64	Inactive	10/07/2009	Pending
Elder Creek left bank, Unit 4 east	0.83	Active		Pending
Elder Creek right bank, Unit 5	3.86	Active		Pending

DWR Summary of Local Maintaining Agency Report

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 for all levee units. Activities included rodent hole grouting and vegetation burning and clearing.

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 planned for all levee units. Expenses include costs of gravel dumping on the levee crown, rodent hole grouting, and vegetation clearing and burning. The reported total estimated cost for the current fiscal year is \$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 CVFPB or DWR

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

Yolo County Planning Resources and Public Works

Yolo County

Contact

John Bencomo

Agency Office • 292 West Beamer Street

Woodland CA 95695

Phone: (530) 666-8775



Levee Short Name : NA0021

Bank Unit Length (Miles)

Unit No. 01 Right Bank Cache Creek

RB

0.29

Threat Assessment & Recommendations

- There is vegetation that significantly impacts access and visibility in this Area.
- The LMA should focus more on controlling vegetation to maintain visibility and access.
- The LMA should work with landowners and the CVFPB to control unauthorized encroachments.

DWR Levee Inspection Summary

NA0021	Total LMA Miles		0.29									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	U				U							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation		0.51	2.04	703.45		0.43	1.72	593.10		-0.08	-0.32	-110.34
Trim / Thin Trees	0.09		0.09	31.03	0.09		0.09	31.03				0.00
Encroachments	0.02		0.02	6.90	0.01		0.01	3.45	-0.01		-0.01	-3.45
Crown Surface / Depressions / Rutting	0.23		0.23	79.31					-0.23		-0.23	-79.31
Operations & Maintenance Manuals					0.00				0.00			0.00
Emergency Supplies & Equipment					0.00				0.00			0.00
Flood Preparedness & Training					0.00				0.00			0.00
<i>LMA Totals:</i>	0.34	0.51	2.38	820.69	0.11	0.43	1.83	631.03	-0.23	-0.08	-0.56	-189.66

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Cache Creek - RD 2035 - Willow Bypass	29.21	Active		N/A

DWR Summary of Local Maintaining Agency Report

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 was 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 was 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 was 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 was 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 CVFPB or DWR

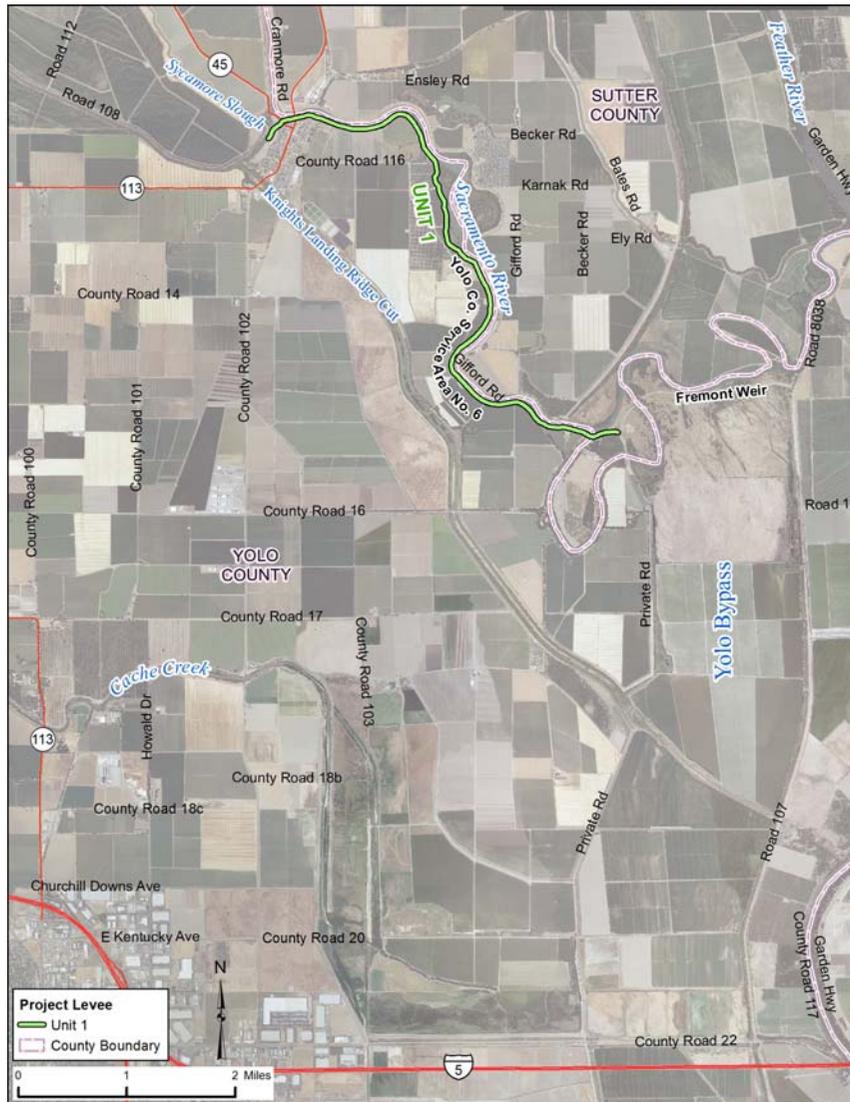
Yolo County Board of Supervisors have asked CVFBP for the transfer of the maintenance duties from the County to the State.

Yolo County Service Area 6

Yolo County

Contact

John Bencomo
Agency Office • 292 West Beamer Street
Woodland CA 95695
Phone: (530) 666-8775



Levee Short Name : NA0022

Bank Unit Length (Miles)

Unit No. 01 Right Bank of Sacramento River at Knights Landing

RB

5.97

Threat Assessment & Recommendations

- There is vegetation that significantly impacts access and visibility in this Area.
- The LMA should focus more on controlling vegetation to maintain visibility and access.
- The LMA should work with landowners and the CVFPB to control unauthorized encroachments.

SACRAMENTO SYSTEM : Yolo County Service Area 6

Yolo County
SA 6

DWR Levee Inspection Summary

NA0022	Total LMA Miles		5.97									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	U				U							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	0.88		0.88	14.74	0.54		0.54	9.05	-0.34		-0.34	-5.70
Trim / Thin Trees	0.03	0.01	0.07	1.17	0.03	0.01	0.07	1.17				0.00
Encroachments	0.07		0.07	1.17	0.30		0.30	5.03	0.23		0.23	3.85
Animal Control	0.07		0.07	1.17	0.06		0.06	1.01	-0.01		-0.01	-0.17
Erosion / Bank Caving	0.01		0.01	0.17	0.01		0.01	0.17				0.00
Emergency Supplies & Equipment					0.06		0.06	1.01	0.06		0.06	1.01
<i>Supplemental</i>												
USACE Erosion Survey	0.45		0.45	7.54	0.39		0.39	6.53	-0.06		-0.06	-1.01
<i>LMA Totals:</i>	1.51	0.01	1.55	25.96	1.39	0.01	1.43	23.95	-0.12	0.00	-0.12	-2.01

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

Unit No. 01 Right Bank of Sacramento River at Knights Landing

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
SAC_86-9_R	86.90	3.18	3.28	eroding	M
SAC_86-9_R	85.40	4.66	4.86	eroding	M
SAC_86-9_R	83.90	5.77	5.86	eroding	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Knights Landing U2 - Yolo Bypass - Service Area 6	15.19	Inactive	11/21/2011	U

DWR Summary of Local Maintaining Agency Report

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 was 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 was 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 reported corrected and ongoing corrective actions in response to DWR inspection comments. The corrective actions include animal control, encroachment control, tree thinning and trimming, 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

No information was 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 CVFPB or DWR

No information was provided by the Agency for Part 5.

Sacramento Maintenance Yard Cache Creek

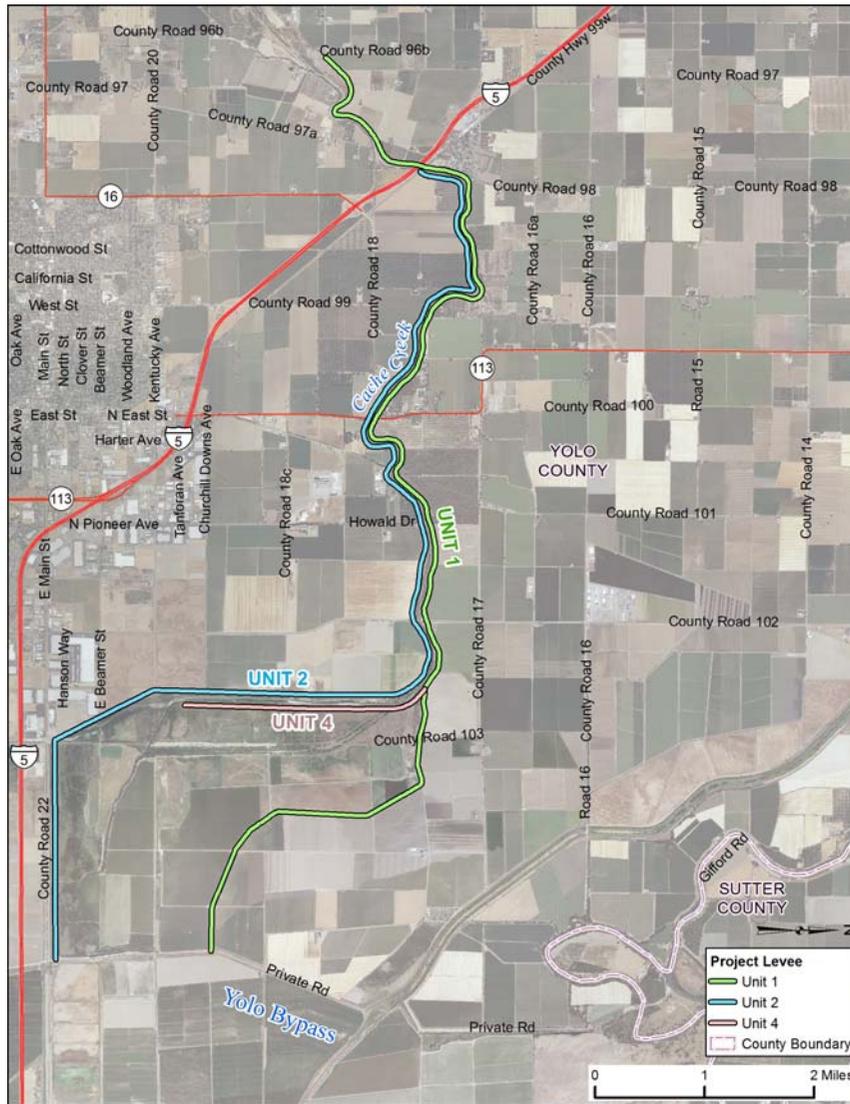
Yolo County

Contact

Russ Eckman
1450 River Bank Road
West Sacramento CA 95605
Phone: (916) 375-6004

SACRAMENTO SYSTEM : Sacramento Maintenance Yard Cache Creek

Cache
Creek



SACRAMENTO SYSTEM : Sacramento Maintenance Yard Cache Creek

Cache
Creek

Levee Short Name : ST0001

Bank Unit Length (Miles)

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. 05 Cache Creek Settling Basin Extension Levee		3.17

Threat Assessment & Recommendations

- There is erosion occurring in this Area that should be monitored.
- The LMA should focus on repairing erosion sites.

DWR Levee Inspection Summary

ST0001	Total LMA Miles		25.52									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	M *				M *							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation												0.00
Trim / Thin Trees					0.01		0.01	0.04	0.01		0.01	0.04
Encroachments	0.26		0.26	1.02	0.09		0.09	0.35	-0.17		-0.17	-0.67
Animal Control	0.01		0.01	0.04	0.02		0.02	0.08	0.01		0.01	0.04
Erosion / Bank Caving					0.01		0.01	0.04	0.01		0.01	0.04
<i>Supplemental</i>												
USACE Erosion Survey	0.29	0.19	1.05	4.11	0.21	0.32	1.49	5.84	-0.08	0.13	0.44	1.72
LMA Totals:	0.56	0.19	1.32	5.17*	0.34	0.32	1.62	6.35*	-0.22	0.13	0.30	1.18

* Overall LMA Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall LMA Rating is M instead of A.

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

Unit No. 01 North Levee

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
CHC_2-4_L	0.00	2.42	2.51	critical	U
CHC_2-4_L	0.00	2.79	2.83	eroding	M
CHC_2-4_L	0.00	3.48	3.56	eroding	M
CHC_2-4_L	0.00	3.87	3.96	critical	U
CHC_2-4_L	0.00	4.14	4.28	critical	U

Unit No. 02 South Levee

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
CHC_2-4_L	0.00	3.53	3.61	eroding	M
CHC_2-4_L	0.00	3.58	3.59	eroding	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Cache Creek - RD 2035 - Willow Bypass	29.21	Active		N/A
Cache Crk U1 - Yolo Bypass U2 - Knights Landing U1	19.49	Active		N/A
Yolo Bypass West Levee - Cache Creek Unit 4	3.41	Active		N/A

DWR Summary of Local Maintaining Agency Report**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 berm erosion at Levee Unit 1, LM 3.9 and 4.2. The Agency also reported on an ongoing plan for the construction of a bowl levee.

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 berm erosion at Levee Unit 1, LM 2.68, 2.78, 3.5 and 5.35 and at Levee Unit 2, LM 3.53 to 3.61.

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. Activities included encroachment control, gate and minor structure maintenance, inspection, roadway grading, rodent control, tree trimming, and vegetation control. The Agency also reported corrected or ongoing corrective actions in response to DWR inspection comments. The corrected actions included encroachment and vegetation controls.

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 planned for all levee units. Expenses include costs of encroachment removal, gate and minor structure maintenance, inspection, roadway grading, rodent control, tree trimming, and vegetation control. The reported total estimated cost for the current fiscal year is \$650,000.

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 CVFPB or DWR

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

DWR Sacramento Maintenance Yard

**San Joaquin County
Yolo County**

Contact

Russ Eckman
1450 River Bank Road
West Sacramento CA 95605
Phone: (916) 375-6004

No Image

Levee Short Name : NA0055

Bank Unit Length (Miles)

No Units Associated with this District.

Threat Assessment & Recommendations

- The LMA should continue to maintain the area at the high level seen during the last Structure inspection.

SACRAMENTO SYSTEM : DWR Sacramento Maintenance Yard

Sacramento
Yard

DWR Levee Inspection Summary

Levees in this District are not Inspected.

DWR Structure Inspection Summary

Structure Name	Overall Rating
Sacramento Weir	A
Paradise Dam	M
Knights Landing Outfall Structure	A
Fremont Weir	A
Cache Creek Setting Basin Weir And Drainage Structure	A

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
No USACE Ratings available.				

DWR Summary of Local Maintaining Agency Report

No Reporting by this District.

Sacramento Maintenance Yard East Levee Yolo Bypass

Yolo County

Contact

Russ Eckman
1450 River Bank Road
West Sacramento CA 95605
Phone: (916) 375-6004



Levee Short Name : ST0004

Bank Unit Length (Miles)

Unit No. 01 Yolo Bypass

LB

2.00

Threat Assessment & Recommendations

- The LMA should continue to maintain the area at the high level seen during the last inspection.
- The LMA should focus on repairing erosion sites.

SACRAMENTO SYSTEM : Sacramento Maintenance Yard East Levee Yolo Bypass

DWR Levee Inspection Summary

ST0004	Total LMA Miles		2.00									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	A				A							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Erosion / Bank Caving					0.06		0.06	3.00	0.06		0.06	3.00
<i>LMA Totals:</i>	0.00	0.00	0.00	0.00	0.06	0.00	0.06	3.00	0.06	0.00	0.06	3.00

East Levee
Yolo

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 1600, 0827, 0785, and 0537 - SacYolo North	32.06	Partial Inactive	10/01/2007	U

DWR Summary of Local Maintaining Agency Report

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 was 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 waterside bank erosion at Levee Unit 1, LM 1.79 to 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. Activities included encroachment control, gate and minor structure maintenance, inspection, roadway grading, rodent control, tree trimming, and vegetation control. The Agency also reported corrected or ongoing corrective actions in response to DWR inspection comments. The corrected actions included 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 planned for all levee units. Expenses include costs of encroachment removal, gate and minor structure maintenance, inspection, roadway grading, rodent control, tree trimming, and vegetation control. The reported total estimated cost for the current 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 CVFPB or DWR

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

Sacramento Maintenance Yard Maintenance Area 0004

Yolo County

Contact

Russ Eckman
1450 River Bank Road
West Sacramento CA 95605
Phone: (916) 375-6004



Levee Short Name : MA0004

Bank Unit Length (Miles)

Unit No. 01 Sacramento River

RB

3.40

Threat Assessment & Recommendations

- There is erosion occurring in this Area that should be monitored.
- The LMA should focus on repairing erosion sites.
- The LMA should focus more on controlling woody vegetation.

SACRAMENTO SYSTEM : Sacramento Maintenance Yard Maintenance Area 0004

DWR Levee Inspection Summary

MA0004	Total LMA Miles		3.40									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	A				A							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	0.01		0.01	0.29	0.01		0.01	0.29				0.00
Trim / Thin Trees	0.16		0.16	4.71	0.16		0.16	4.71				0.00
Animal Control	0.04		0.04	1.18	0.02		0.02	0.59	-0.02		-0.02	-0.59
<i>LMA Totals:</i>	0.21	0.00	0.21	6.18	0.19	0.00	0.19	5.59	-0.02	0.00	-0.02	-0.59

MA 4

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
West Sacramento - SacYolo South	60.45	Active		Pending

DWR Summary of Local Maintaining Agency Report

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 West Sacramento Area Flood Control Agency has constructed a slurry wall at Levee Unit 1, LM 0.68 to 1.31.

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 was 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 performed for all levee units. Activities included encroachment control, gate and minor structure maintenance, inspection, roadway grading, rodent control, tree trimming, and vegetation control. The Agency also reported corrected or ongoing corrective actions in response to DWR inspection comments. The corrected actions included encroachment control, rodent control, 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 planned for all levee units. Expenses include costs of encroachment removal, gate and minor structure maintenance, inspection, roadway grading, rodent control, tree trimming, and vegetation control. The reported total estimated cost for the current 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 CVFPB or DWR

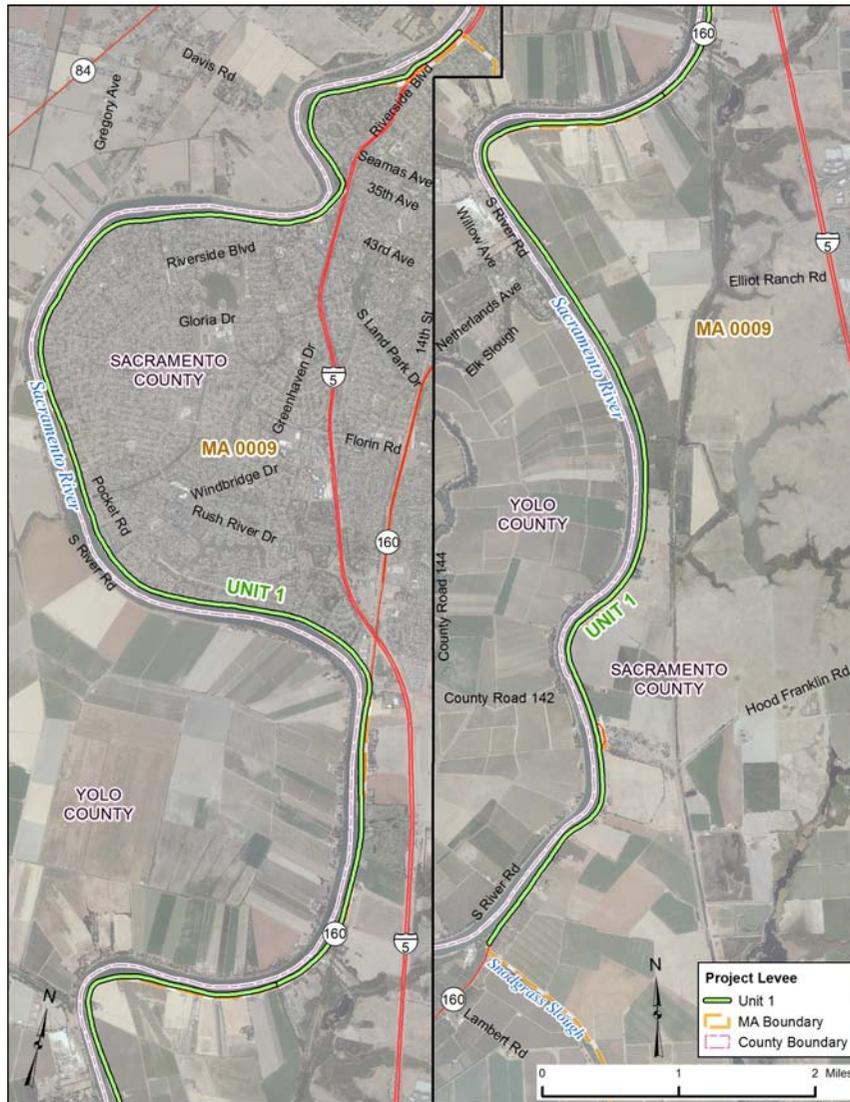
The Agency stated that there was no new information to report.

Sacramento Maintenance Yard Maintenance Area 0009

Sacramento County

Contact

Russ Eckman
1450 River Bank Road
West Sacramento CA 95605
Phone: (916) 375-6004



Levee Short Name : MA0009

Bank Unit Length (Miles)

Unit No. 01 Sacramento River

LB

19.61

Threat Assessment & Recommendations

- The LMA should work with landowners and the CVFPB to ensure that penetrations do not endanger the integrity of the levee.
- The LMA should focus on repairing erosion sites.

SACRAMENTO SYSTEM : Sacramento Maintenance Yard Maintenance Area 0009

DWR Levee Inspection Summary

MA0009	Total LMA Miles		19.61									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	0.76		0.76	3.88	0.01		0.01	0.05	-0.75		-0.75	-3.83
Trim / Thin Trees	0.01		0.01	0.05	0.01		0.01	0.05				0.00
Encroachments	1.82		1.82	9.28	0.01		0.01	0.05	-1.81		-1.81	-9.23
Animal Control	0.01		0.01	0.05					-0.01		-0.01	-0.05
<i>Supplemental</i>												
USACE Erosion Survey	0.59		0.59	3.01	0.30		0.30	1.53	-0.29		-0.29	-1.48
<i>LMA Totals:</i>	3.19	0.00	3.19	16.27	0.33	0.00	0.33	1.68	-2.86	0.00	-2.86	-14.58

MA 9

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

Unit No. 01 Sacramento River

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
SAC_55-5_L	55.50	0.40	0.46	eroding	M
SAC_55-5_L	55.20	0.75	0.88	eroding	M
SAC_55-5_L	54.80	1.13	1.14	eroding	M
SAC_55-5_L	53.80	2.03	2.05	eroding	M
SAC_55-5_L	52.70	3.09	3.13	eroding	M
SAC_55-5_L	52.40	3.27	3.29	eroding	M
SAC_55-5_L	50.30	5.41	5.43	eroding	M
SAC_55-5_L	46.70	9.11	9.14	under construction	C

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
MA 09 - City of Sacramento - American R left bank	35.27	Inactive	08/21/2012	U

DWR Summary of Local Maintaining Agency Report

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 was 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 informed that USACE was evaluating several sites for future repair and reported that none of the sites were critical at the reporting time. The Agency reported minor to moderate erosions at Levee Unit 1, LM 0.35, 0.7, 1.06, 1.9, 3.3, and 5.3.

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

The Agency provided a summary of maintenance activities performed for all levee units. Activities included encroachment control, gate and minor structure maintenance, inspection, roadway grading, rodent control, tree trimming, and vegetation control. The Agency also reported corrected or ongoing corrective actions in response to DWR inspection comments. The corrected action included 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

No information was 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 CVFPB or DWR

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

Sacramento Maintenance Yard Putah Creek

Yolo County

Contact

Russ Eckman
1450 River Bank Road
West Sacramento CA 95605
Phone: (916) 375-6004



Levee Short Name : ST007

Bank Unit Length (Miles)

Unit No. 01 Putah Creek or North Levee	LB	8.99
Unit No. 02 Putah Creek or South Levee	RB	7.30

Threat Assessment & Recommendations

- There is significant rodent activity in this Area.
- The LMA should enhance its rodent control program.

SACRAMENTO SYSTEM : Sacramento Maintenance Yard Putah Creek

DWR Levee Inspection Summary

ST0007	Total LMA Miles		16.29									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	M				U							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	1.68		1.68	10.31	0.13		0.13	0.80	-1.55		-1.55	-9.52
Trim / Thin Trees	0.04		0.04	0.25	0.08		0.08	0.49	0.04		0.04	0.25
Encroachments	0.19		0.19	1.17	0.18		0.18	1.11	-0.01		-0.01	-0.06
Animal Control	0.06		0.06	0.37	3.07		3.07	18.85	3.01		3.01	18.48
Erosion / Bank Caving	0.02		0.02	0.12	0.01		0.01	0.06	-0.01		-0.01	-0.06
<i>Supplemental</i>												
USACE Erosion Survey	0.02		0.02	0.12	0.02		0.02	0.12				0.00
<i>LMA Totals:</i>	2.01	0.00	2.01	12.34	3.49	0.00	3.49	21.42	1.48	0.00	1.48	9.09

Putah

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

Unit No. 01 Putah Creek or North Levee

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
PUC_0-1_L	0.00	0.04	0.04	eroding	M
PUC_0-1_L	0.00	6.87	6.87	eroding	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Putah Cr Unit 1 - Yolo Bypass - Willow Slgh Unit 2	19.74	Active		Pending
Putah Creek right bank - Unit 2	7.15	Active		Pending

DWR Summary of Local Maintaining Agency Report

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 was 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 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 performed for all levee units. Activities included encroachment control, gate and minor structure maintenance, inspection, roadway grading, rodent control, tree trimming, and vegetation control. The Agency also reported corrected or ongoing corrective actions in response to DWR inspection comments. The corrected actions included encroachment control, rodent control, 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 planned for all levee units. Expenses include costs of encroachment removal, gate and minor structure maintenance, inspection, roadway grading, rodent control, tree trimming, and vegetation control. The reported total estimated cost for the current 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 CVFPB or DWR

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

Sacramento Maintenance Yard Sacramento Bypass

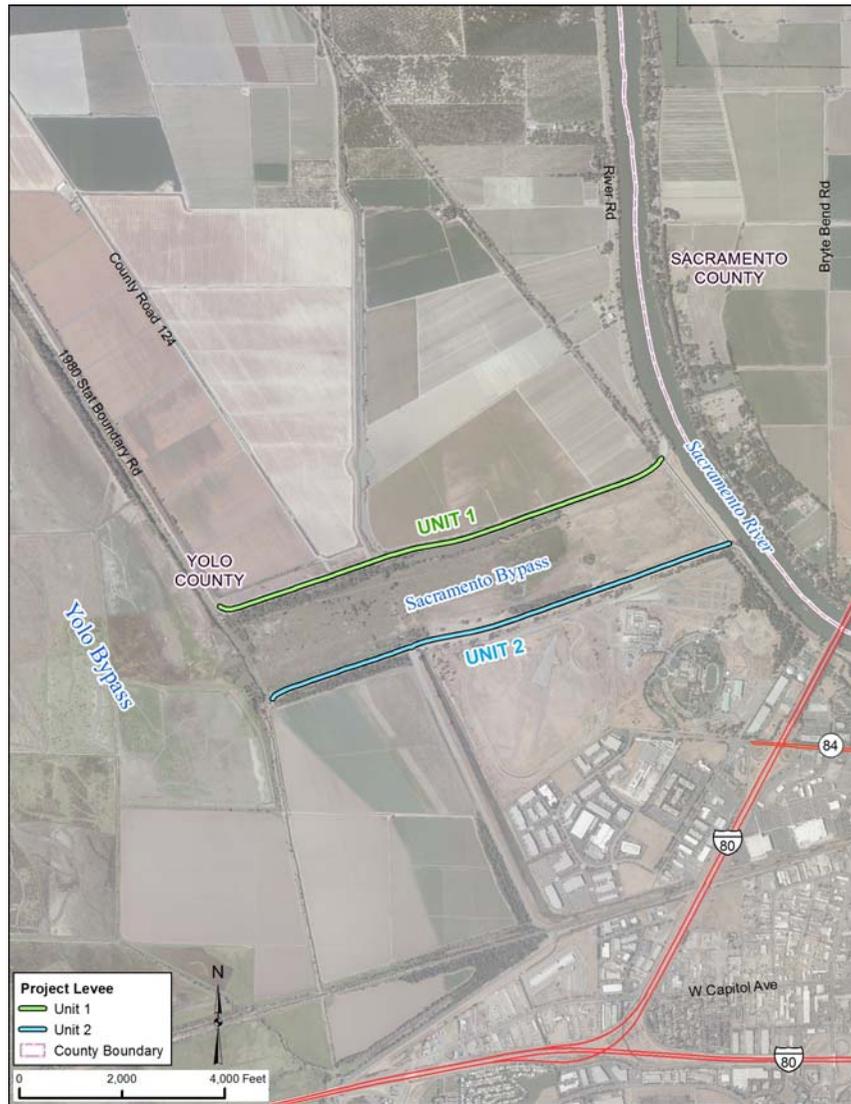
Sacramento
Bypass

Yolo County

Contact

Russ Eckman
1450 River Bank Road
West Sacramento CA 95605
Phone: (916) 375-6004

Sacramento Bypass



Levee Short Name : ST0008

Bank Unit Length (Miles)

Unit No. 01 Sacramento Bypass or North Levee	RB	1.73
Unit No. 02 Sacramento Bypass or South Levee	LB	1.78

Threat Assessment & Recommendations

- The LMA should repair locations where the levee slope may be unstable.

SACRAMENTO SYSTEM : Sacramento Maintenance Yard Sacramento Bypass

DWR Levee Inspection Summary

ST0008	Total LMA Miles		3.51									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	A				A							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Slope Stability					0.01		0.01	0.29	0.01		0.01	0.29
<i>LMA Totals:</i>	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.29	0.01	0.00	0.01	0.29

Sacramento Bypass

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 1600, 0827, 0785, and 0537 - SacYolo North	32.06	Partial Inactive	10/01/2007	U
West Sacramento - SacYolo South	60.45	Active		Pending

DWR Summary of Local Maintaining Agency Report

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 slurry wall was constructed by The West Sacramento Area Flood Control Agency at Levee Unit 2, LM 0.0 to 0.8.

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 reported a slope stability issue at Levee Unit 1, LM 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 performed for all levee units. Activities included encroachment control, gate and minor structure maintenance, inspection, roadway grading, rodent control, tree trimming, and vegetation control. The Agency also reported corrected or ongoing corrective actions in response to DWR inspection comments. The corrected action included 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 planned for all levee units. Expenses include costs of encroachment removal, gate and minor structure maintenance, inspection, roadway grading, rodent control, tree trimming, and vegetation control. The reported total estimated cost for the current fiscal year is \$125,000.

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 CVFPB or DWR

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

Sacramento Maintenance Yard West Levee Yolo Bypass

West Levee
Yolo

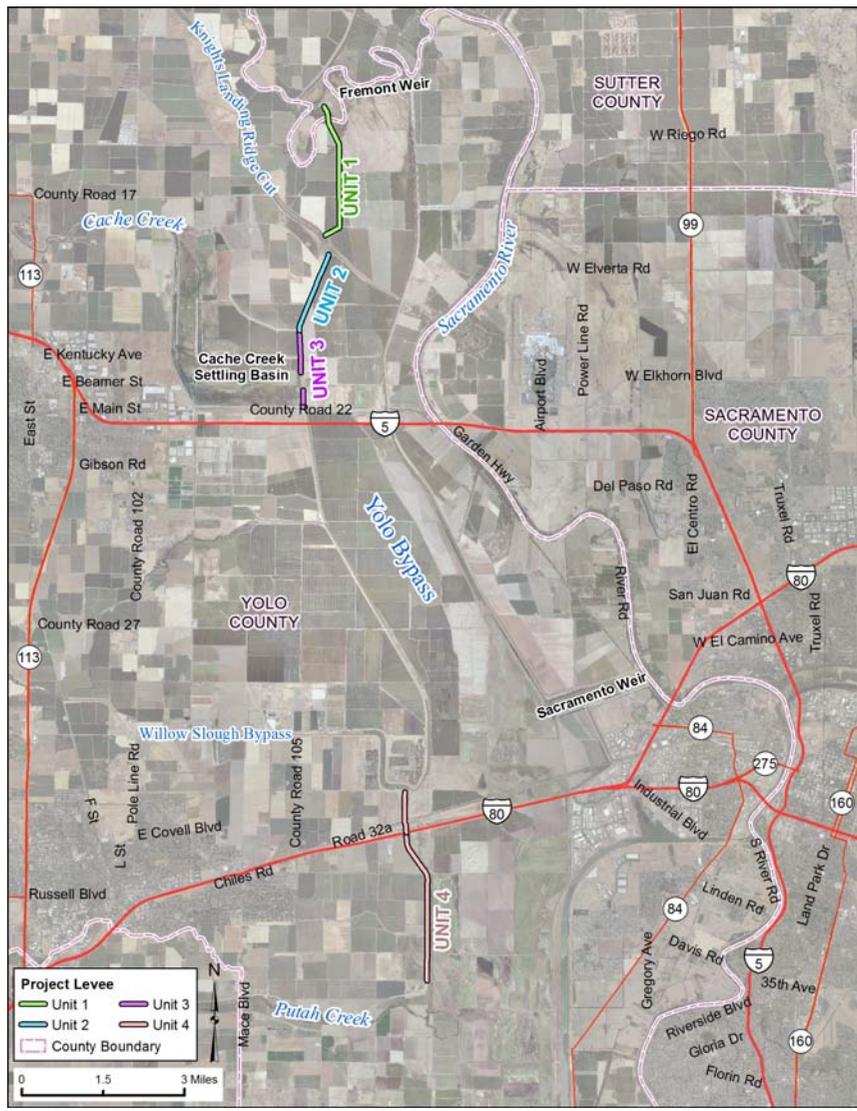
Yolo County

Contact

Russ Eckman
1450 River Bank Road
West Sacramento CA 95605
Phone: (916) 375-6004

SACRAMENTO SYSTEM : Sacramento Maintenance Yard West Levee Yolo Bypass

West Levee
Yolo



SACRAMENTO SYSTEM : Sacramento Maintenance Yard West Levee Yolo Bypass

Levee Short Name : ST0011

Bank Unit Length (Miles)

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

Threat Assessment & Recommendations

- The LMA should focus on repairing erosion sites.

West Levee
Yolo

DWR Levee Inspection Summary

ST0011	Total LMA Miles		9.33									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating A				Overall LMA Rating A							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Animal Control	0.01		0.01	0.11					-0.01		-0.01	-0.11
<i>Supplemental</i>												
USACE Erosion Survey	0.15		0.15	1.61	0.15		0.15	1.61				0.00
<i>LMA Totals:</i>	0.16	0.00	0.16	1.72	0.15	0.00	0.15	1.61	-0.01	0.00	-0.01	-0.11

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

Unit No. 01 West Levee

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
YOL_2-6_R	0.00	2.53	2.68	eroding	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Cache Crk U1 - Yolo Bypass U2 - Knights Landing U1	19.49	Active		N/A
Knights Landing U2 - Yolo Bypass - Service Area 6	15.19	Inactive	11/21/2011	U
Putah Cr Unit 1 - Yolo Bypass - Willow Slgh Unit 2	19.74	Active		Pending
Yolo Bypass West Levee - Cache Creek Unit 4	3.41	Active		N/A

DWR Summary of Local Maintaining Agency Report

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 reported minor wave wash erosion at Levee Unit 1, LM 2.53 to 2.68.

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. Activities included encroachment control, gate and minor structure maintenance, inspection, roadway grading, rodent control, tree trimming, and vegetation control. The Agency also reported corrected or ongoing corrective actions in response to DWR inspection comments. The corrected action included 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 planned for all levee units. Expenses include costs of encroachment removal, gate and minor structure maintenance, inspection, roadway grading, rodent control, tree trimming, and vegetation control. The reported total estimated cost for the current fiscal year is \$96,000.

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 CVFPB or DWR

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

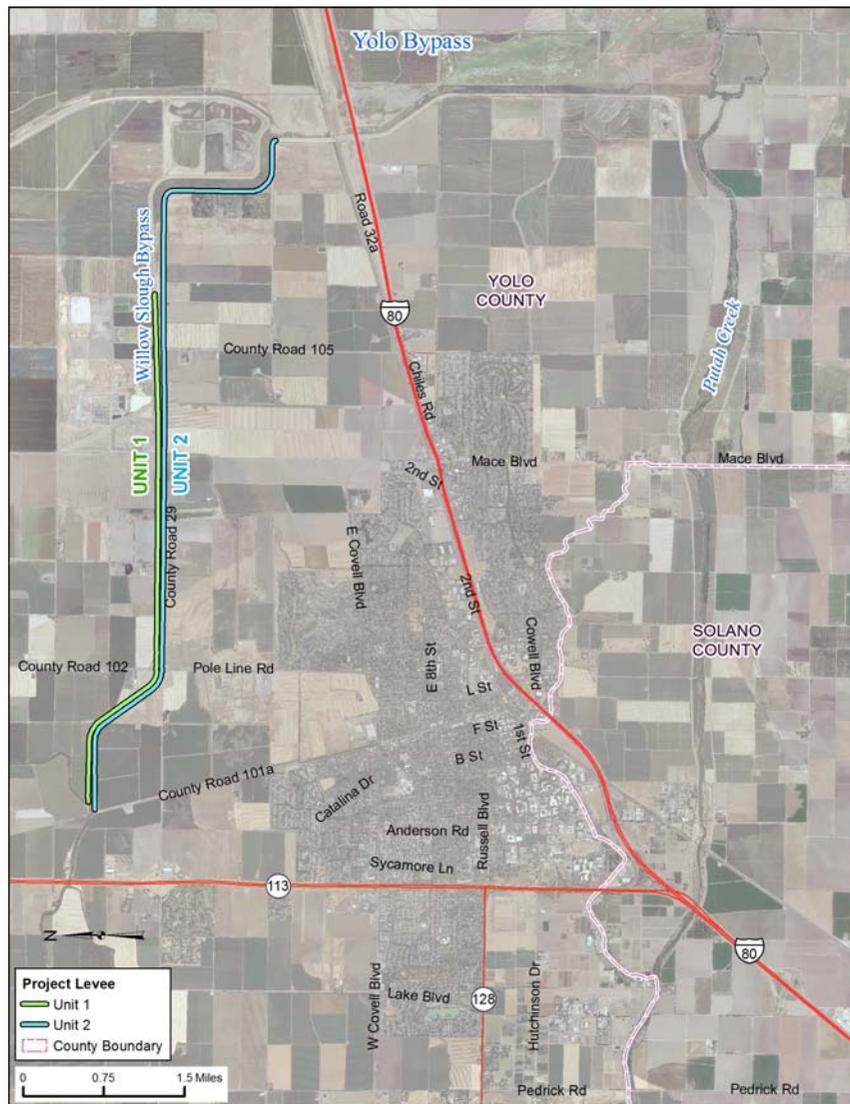
Sacramento Maintenance Yard Willow Slough Bypass

Willow

Yolo County

Contact

Russ Eckman
1450 River Bank Road
West Sacramento CA 95605
Phone: (916) 375-6004



Levee Short Name : ST0012

Bank Unit Length (Miles)

Unit No. 01 Willow Slough Bypass or North Levee	LB	5.09
Unit No. 02 Willow Slough Bypass or South Levee	RB	7.37

Threat Assessment & Recommendations

- The LMA should continue to maintain the area at the high level seen during the last inspection.
- The LMA should focus on repairing erosion sites.

SACRAMENTO SYSTEM : Sacramento Maintenance Yard Willow Slough Bypass

DWR Levee Inspection Summary

ST0012	Total LMA Miles		12.46									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	A				A							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation												0.00
Erosion / Bank Caving	0.05		0.05	0.40	0.05		0.05	0.40				0.00
Cracking					0.02		0.02	0.16	0.02		0.02	0.16
<i>LMA Totals:</i>	0.05	0.00	0.05	0.40	0.07	0.00	0.07	0.56	0.02	0.00	0.02	0.16

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Putah Cr Unit 1 - Yolo Bypass - Willow Slgh Unit 2	19.74	Active		Pending

Willow

DWR Summary of Local Maintaining Agency Report

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 reported that the pavement is cracking on crown and falling away at shoulders at Levee Unit 1, LM 0.34 to 0.36. The Agency reported of looking into this issue.

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. Activities included encroachment control, gate and minor structure maintenance, inspection, roadway grading, rodent control, tree trimming, and vegetation control. The Agency also reported corrected or ongoing corrective actions in response to DWR inspection comments. The corrected action included 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 removal, gate and minor structure maintenance, inspection, roadway grading, rodent control, tree trimming, and vegetation control. The reported total estimated cost for the current fiscal year is \$200,000.

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 CVFPB or DWR

The Agency stated there was no new information to report.

DWR Sutter Maintenance Yard

**Butte County
Colusa County
Lake County
Sutter County**

Contact

Karen Hull

PO Box 40

Sutter CA 95982

Phone: (530) 755-0071

No Image

Levee Short Name : NA0060

Bank Unit Length (Miles)

No Units Associated with this District.

Threat Assessment & Recommendations

- The LMA should continue to maintain the area at the high level seen during the last Structure inspection.
- The LMA should ensure that the SPFC structure is able to perform as designed and constructed.
- The LMA should continue to maintain the area at the high level seen during the last Channel inspection.

SACRAMENTO SYSTEM : DWR Sutter Maintenance Yard

Sutter
Yard

DWR Levee Inspection Summary

Levees in this District are not Inspected.

DWR Structure Inspection Summary

Structure Name	Overall Rating
Wadsworth Canal Weir No. 4	A
Tisdale Weir	A
Sutter Bypass Weir No. 2	A
Sutter Bypass Pumping Plant No. 3	A
Sutter Bypass Pumping Plant No. 2	A
Sutter Bypass Pumping Plant No. 1	A
Nelson Bend	A
Moulton Weir	A
Middle Creek Pumping Plant	A
Little Chico Creek Control And Weir Structures	A
Colusa Weir	A
Butte Slough Outfall Structure	A
Butte Slough Drainage Structure	A

DWR Channel Inspection Summary

Channel Name	Overall Rating
Big Chico Creek	A
Lindo Channel & Sandy Gulch	A
Little Chico Creek	A

USACE Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
No USACE Ratings available.				

DWR Summary of Local Maintaining Agency Report

No Reporting by this District.

Sutter Maintenance Yard

East Levee Sacramento River

Colusa County

Contact

Karen Hull

PO Box 40

Sutter CA 95982

Phone: (530) 755-0071

SACRAMENTO SYSTEM : Sutter Maintenance Yard East Levee Sacramento River

East Levee
Sacramento

Levee Short Name : ST0003	Bank	Unit Length (Miles)
Unit No. 01 Sacramento River	LB	20.39
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

Threat Assessment & Recommendations

- The LMA should continue to maintain the area at the high level seen during the last inspection.
- The LMA should focus on repairing erosion sites.

DWR Levee Inspection Summary

ST0003	Total LMA Miles		27.17										
	Fall 2011				Fall 2012				Change				
	Overall LMA Rating				Overall LMA Rating								
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	
<i>Earthen Levee</i>													
Vegetation	0.05		0.05	0.18	0.05		0.05	0.18				0.00	
Trim / Thin Trees	0.01		0.01	0.04	0.01		0.01	0.04				0.00	
Encroachments	0.25		0.25	0.92	0.25		0.25	0.92	0.00			0.00	
Animal Control	0.95		0.95	3.50	0.08		0.08	0.29	-0.87		-0.87	-3.20	
Erosion / Bank Caving	0.19		0.19	0.70	0.19		0.19	0.70				0.00	
<i>Supplemental</i>													
USACE Erosion Survey	0.45		0.45	1.66	0.07		0.07	0.26	-0.38		-0.38	-1.40	
<i>LMA Totals:</i>	1.90	0.00	1.90	6.99	0.65	0.00	0.65	2.39	-1.25	0.00	-1.25	-4.60	

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

Unit No. 01 Sacramento River

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
SAC_150-2_L	150.20	10.46	10.46	removed	W
SAC_150-2_L	152.60	11.51	11.51	eroding	M
SAC_150-2_L	152.80	11.83	11.89	eroding	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Sacramento River East Levee - LD 3 Glenn County	38.36	Inactive	10/01/2007	Pending

DWR Summary of Local Maintaining Agency Report

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 referred to the Spring 2012 Levee Inspection Report for the relevant information. The 2012 Spring Inspection Report provided unacceptable rating for encroachment at Levee Unit 1 at various locations.

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 was 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 expenses and maintenance activities accomplished. Activities included encroachment removal, inspection, minor structure maintenance, patrolling, restoration/habitat enhancement, roadway maintenance, rodent control, slope dragging, and vegetation control. The reported total maintenance cost for the previous fiscal year was \$195,910.

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, inspection, minor structure maintenance, patrolling, restoration/habitat enhancement, roadway maintenance, rodent control, slope dragging, and vegetation control. The reported total estimated cost for the current fiscal year is \$340,000.

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 CVFPB or DWR

The Agency reported encroachments at Levee Unit 1, LM 0.08, 4.66, 4.81, and 8.76.

Sutter Maintenance Yard

East Levee Sutter Bypass

Sutter County

Contact

Karen Hull

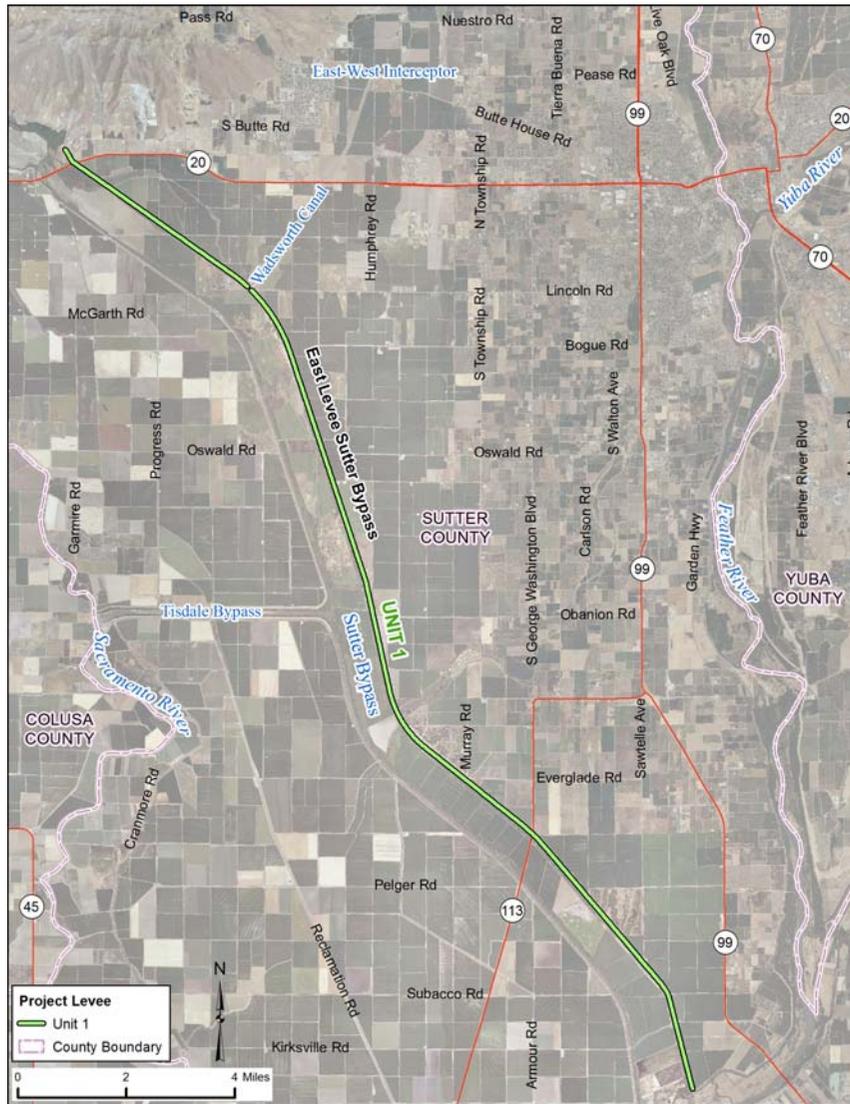
PO Box 40

Sutter CA 95982

Phone: (530) 755-0071

SACRAMENTO SYSTEM : Sutter Maintenance Yard East Levee Sutter Bypass

East Levee
Sutter



Levee Short Name : ST002

Bank Unit Length (Miles)

Unit No. 01 Sutter Bypass Levee

LB

22.12

Threat Assessment & Recommendations

- The LMA should continue to maintain the area at the high level seen during the last inspection.
- The LMA should focus on repairing erosion sites.

SACRAMENTO SYSTEM : Sutter Maintenance Yard East Levee Sutter Bypass

DWR Levee Inspection Summary

ST0002	Total LMA Miles	22.12										
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	A				A							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Animal Control	0.04		0.04	0.18	0.05		0.05	0.23	0.01		0.01	0.05
<i>Supplemental</i>												
USACE Erosion Survey	0.07		0.07	0.32	0.03		0.03	0.14	-0.04		-0.04	-0.18
<i>LMA Totals:</i>	0.11	0.00	0.11	0.50	0.08	0.00	0.08	0.36	-0.03	0.00	-0.03	-0.14

East Levee
Sutter

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

Unit No. 01 Sutter Bypass Levee

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
SBP_11-1_L	0.00	10.89	10.92	eroding	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Wadsworth Canal right bank - Sutter Bypass East	8.84	Active		Pending

DWR Summary of Local Maintaining Agency Report

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 referred to the Spring 2012 Levee Inspection Report for the relevant information. The 2012 Spring Inspection Report provided unacceptable rating for an encroachment at Levee Unit 1, LM 20.64.

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 was 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 expenses and maintenance activities accomplished. Activities included encroachment removal, inspection, minor structure maintenance, patrolling, restoration/habitat enhancements, roadway maintenance, rodent control, slope dragging, and vegetation burning and mowing. The reported total maintenance cost for the previous fiscal year was \$259,461.

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 planned for all levee units. Expenses include costs of encroachment removal, inspection, minor structure maintenance, patrolling, restoration/habitat enhancements, roadway maintenance, rodent control, sinkhole repairs, slope dragging, and vegetation burning and mowing. The reported total estimated cost for the current fiscal year is \$315,200.

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

No information was provided by the Agency for Part 5.

Sutter Maintenance Yard

East-West Interceptor

Sutter County

Contact

Karen Hull

PO Box 40

Sutter CA 95982

Phone: (530) 755-0071



Levee Short Name : NA0020

Bank Unit Length (Miles)

Unit No. 01 West Levee	RB	1.75
Unit No. 02 East Levee	LB	3.01

Threat Assessment & Recommendations

- There is vegetation that significantly impacts access and visibility in this Area.
- The LMA should focus more on controlling vegetation to maintain visibility and access.
- The LMA should focus on repairing erosion sites.

SACRAMENTO SYSTEM : Sutter Maintenance Yard East-West Interceptor

DWR Levee Inspection Summary

NA0020	Total LMA Miles		4.76									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	U				U							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	3.17		3.17	66.60	3.88		3.88	81.51	0.71		0.71	14.92
Encroachments	0.27		0.27	5.67	0.26		0.26	5.46	-0.01		-0.01	-0.21
Erosion / Bank Caving	0.43	0.03	0.55	11.55	0.61	0.03	0.73	15.34	0.18		0.18	3.78
<i>Channels</i>												
Erosion / Bank Caving	0.01		0.01	0.21	0.01		0.01	0.21				0.00
<i>LMA Totals:</i>	3.88	0.03	4.00	84.03	4.76	0.03	4.88	102.52	0.88	0.00	0.88	18.49

East-West Interceptor

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
No USACE Ratings available.				

DWR Summary of Local Maintaining Agency Report

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 referred to the Spring 2012 Levee Inspection Report for the relevant information. The 2012 Spring Inspection Report provided unacceptable rating for erosion at Levee Unit 1, LM 0.62 to 0.65.

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 was 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 expenses and maintenance activities accomplished for the East Interceptor (Unit 2). Activities included encroachment removal, inspection, minor structure maintenance, patrolling, restoration, roadway maintenance, rodent control, slope dragging, vegetation control. The reported total maintenance cost for the previous fiscal year was \$28,626.

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 planned for all levee units. Expenses include costs of encroachment removal, minor structure maintenance, restoration/habitat enhancements, roadway maintenance, rodent control, and vegetation mowing. The reported total estimated cost for the current fiscal year is \$26,000. The Agency additionally reported a total estimated cost of \$13,000 for vegetation control for Unit 2.

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

No information was provided by the Agency for Part 5.

Sutter Maintenance Yard

Hamilton Bend

Butte County

Contact

Karen Hull

PO Box 40

Sutter CA 95982

Phone: (530) 755-0071



Levee Short Name : ST0005

Bank Unit Length (Miles)

Unit No. 01 Feather River Hamilton Bend

RB

3.22

Threat Assessment & Recommendations

- The LMA should continue to maintain the area at the high level seen during the last inspection.

SACRAMENTO SYSTEM : Sutter Maintenance Yard Hamilton Bend

DWR Levee Inspection Summary

ST0005	Total LMA Miles		3.22									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	A				A							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
No Items												0.00
<i>LMA Totals:</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Hamilton Bend

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Feather River - Hamilton - northeast of Afterbay	2.10	Active		N/A

DWR Summary of Local Maintaining Agency Report

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 referred to the Spring 2012 Levee Inspection Report for the relevant information. The 2012 Spring Inspection Report provided acceptable rating for all inspected items.

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 was 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 was 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 was 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 CVFPB or DWR

No information was provided by the Agency for Part 5.

Sutter Maintenance Yard Maintenance Area 0001

Colusa County

Contact

Karen Hull

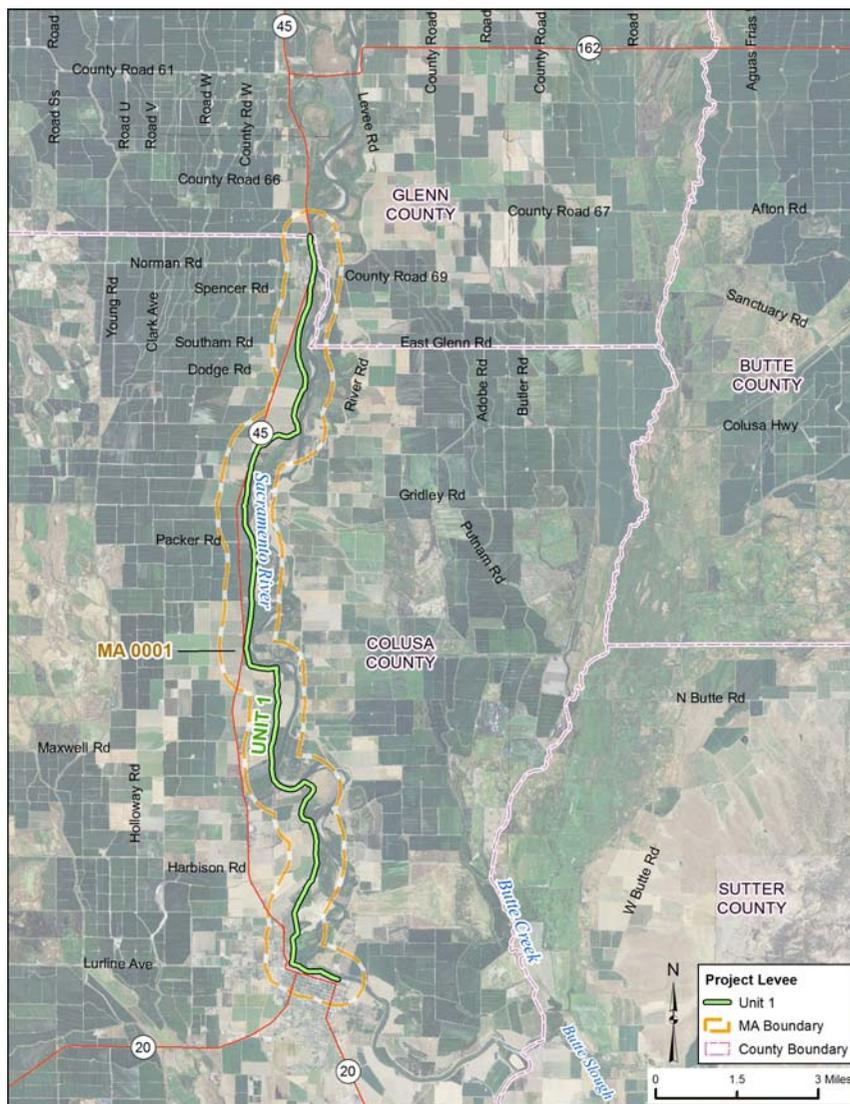
PO Box 40

Sutter CA 95982

Phone: (530) 755-0071

SACRAMENTO SYSTEM : Sutter Maintenance Yard Maintenance Area 0001

MA 1



Levee Short Name : MA0001	Bank	Unit Length (Miles)
---------------------------	------	---------------------

Unit No. 01 Sacramento River	RB	17.12
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Threat Assessment & Recommendations

- The LMA should continue to maintain the area at the high level seen during the last inspection.

SACRAMENTO SYSTEM : Sutter Maintenance Yard Maintenance Area 0001

DWR Levee Inspection Summary

MA0001	Total LMA Miles		17.12									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	A				A							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	0.04		0.04	0.23	0.04		0.04	0.23				0.00
Trim / Thin Trees	0.01		0.01	0.06					-0.01		-0.01	-0.06
Encroachments	0.01		0.01	0.06					-0.01		-0.01	-0.06
Animal Control	0.23		0.23	1.34	0.08		0.08	0.47	-0.15		-0.15	-0.88
Slope Stability	0.01		0.01	0.06					-0.01		-0.01	-0.06
<i>Supplemental</i>												
USACE Erosion Survey	0.39		0.39	2.28	0.66		0.66	3.86	0.27		0.27	1.58
<i>LMA Totals:</i>	0.69	0.00	0.69	4.03	0.78	0.00	0.78	4.56	0.09	0.00	0.09	0.53

MA 1

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

Unit No. 01 Sacramento River

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
SAC_151-0_R	151.00	5.00	5.38	eroding	M
SAC_151-0_R	154.00	7.42	7.43	repaired	C
SAC_151-0_R	157.70	10.30	10.38	eroding	M
SAC_151-0_R	164.30	16.49	16.69	eroding	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Sacramento River west bank	119.72	Active		Pending

DWR Summary of Local Maintaining Agency Report

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 was 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 was 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 expenses and maintenance activities accomplished. Activities included encroachment removal, inspection, minor structure maintenance, patrolling, restoration/habitat enhancements, roadway maintenance, rodent control, slope dragging, and vegetation control. The reported total maintenance cost for the previous fiscal year was \$204,720.

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 planned for all levee units. Expenses include costs of encroachment removal, minor structure maintenance, mobile equipments, patrolling, restoration/habitat enhancements, roadway maintenance, rodent control, slope dragging, telemetry maintenance, and vegetation control. The reported total estimated cost for the current fiscal year is \$254,500.

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 CVFPB or DWR

The Agency reported encroachments at Levee Unit 1, LM 1.21, 5.42, and 9.79.

Sutter Maintenance Yard Maintenance Area 0003

MA 3

Sutter County

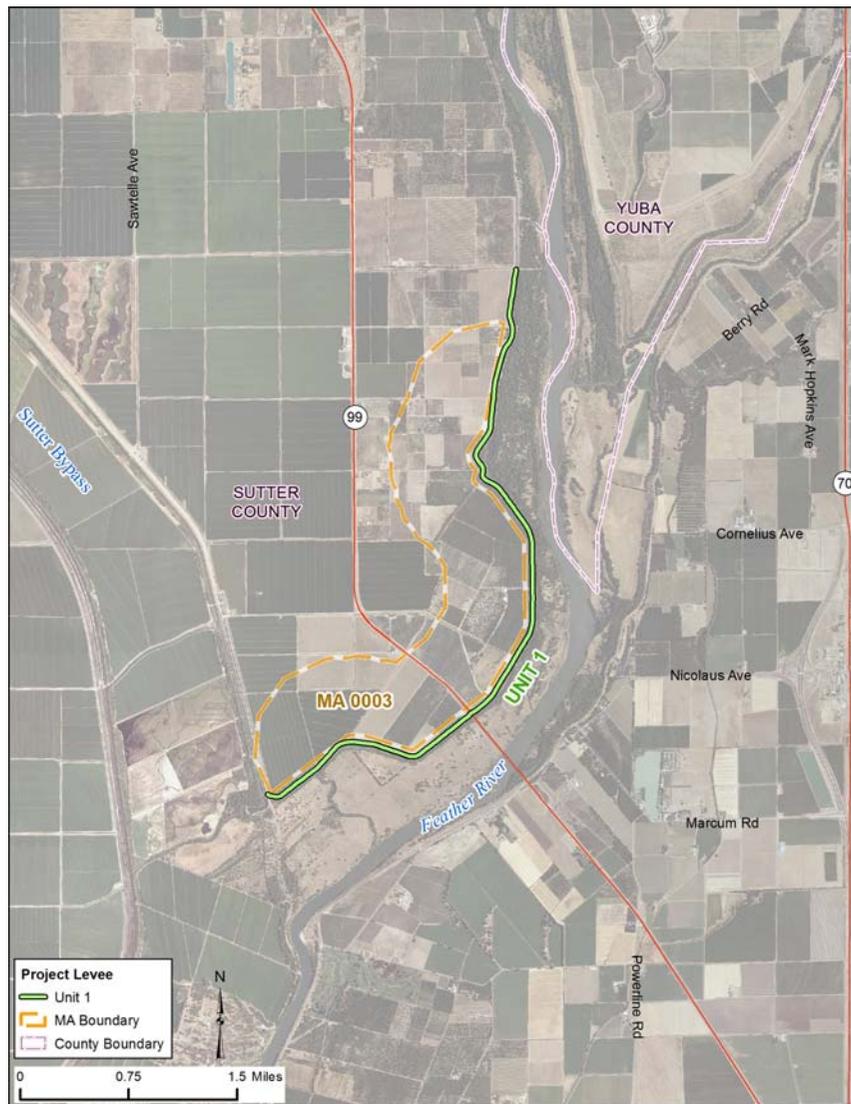
Contact

Karen Hull

PO Box 40

Sutter CA 95982

Phone: (530) 755-0071



Levee Short Name : MA0003

Bank Unit Length (Miles)

Unit No. 01 Feather River

RB

5.19

Threat Assessment & Recommendations

- The LMA should continue to maintain the area at the high level seen during the last inspection.

SACRAMENTO SYSTEM : Sutter Maintenance Yard Maintenance Area 0003

DWR Levee Inspection Summary

MA0003	Total LMA Miles		5.19									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	A				A							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Slope Stability	0.13		0.13	2.51					-0.13		-0.13	-2.51
Crown Surface / Depressions / Rutting	0.13		0.13	2.51					-0.13		-0.13	-2.51
<i>Interior Drainage & Piping Systems</i>												
Sluice / Slide Gates	0.01		0.01	0.19	0.01		0.01	0.19				0.00
LMA Totals:	0.27	0.00	0.27	5.20	0.01	0.00	0.01	0.19	-0.26	0.00	-0.26	-5.01

MA 3

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Feather River right bank - Sutter Bypass east bank	66.72	Inactive	09/10/2010	U

DWR Summary of Local Maintaining Agency Report

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 referred to the Spring 2012 Levee Inspection Report for the relevant information. The 2012 Spring Inspection Report provided minimally acceptable to acceptable rating for all inspected items of all levee units.

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 was 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 expenses and maintenance activities accomplished. Activities included inspection, minor structure maintenance, roadway maintenance, rodent control, slope dragging, and vegetation control. The reported total maintenance cost for the previous fiscal year was \$107,620.

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 planned for all levee units. Expenses include costs of encroachment removal, minor structure maintenance, mobile equipments, patrolling, restoration/habitat enhancements, roadway maintenance, rodent control, slope dragging, and vegetation control. The reported total estimated cost for the current fiscal year is \$63,500.

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 CVFPB or DWR

No information was provided by the Agency for Part 5.

Sutter Maintenance Yard

Maintenance Area 0005

MA 5

**Butte County
Glenn County**

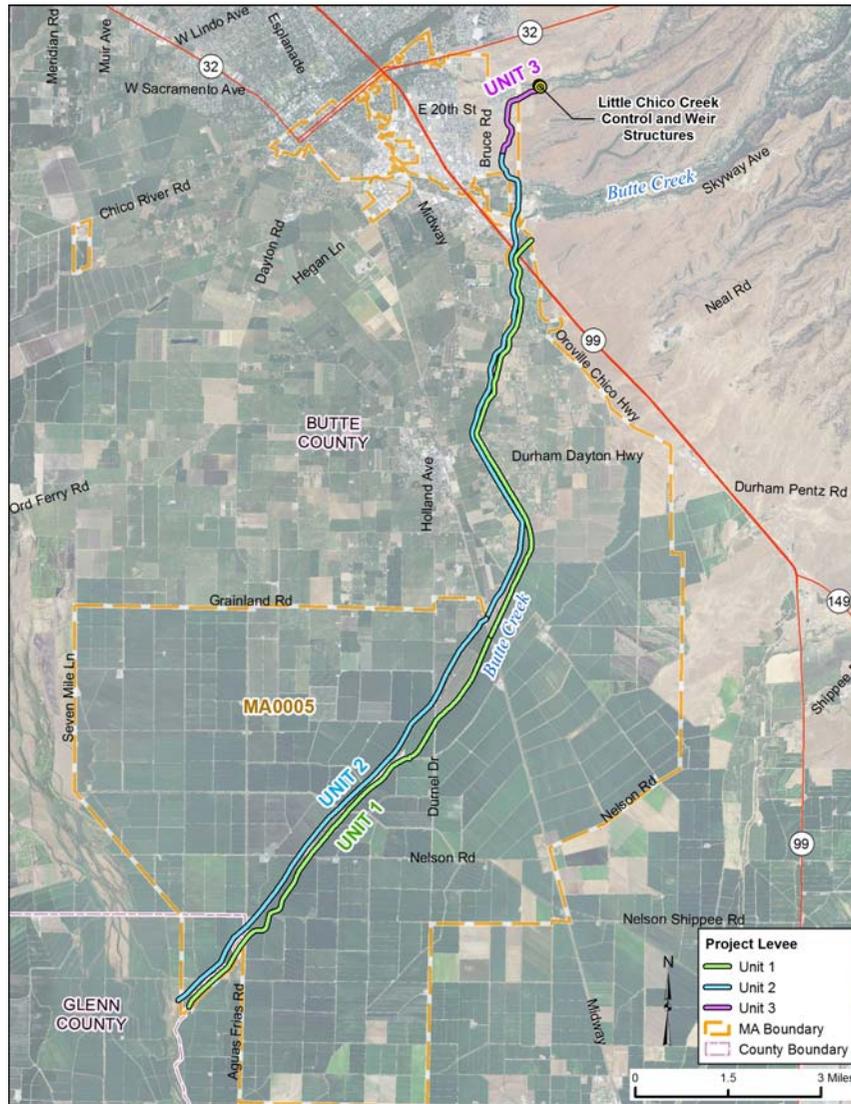
Contact

Karen Hull

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Sutter CA 95982

Phone: (530) 755-0071



Levee Short Name : MA0005

Bank Unit Length (Miles)

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

Threat Assessment & Recommendations

- The LMA should continue to maintain the area at the high level seen during the last inspection.
- The LMA should work with landowners and the CVFPB to control unauthorized encroachments.

SACRAMENTO SYSTEM : Sutter Maintenance Yard Maintenance Area 0005

DWR Levee Inspection Summary

MA0005	Total LMA Miles		33.32									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	A				A							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	0.02		0.02	0.06	0.02		0.02	0.06				0.00
Encroachments	0.10		0.10	0.30	0.09		0.09	0.27	-0.01		-0.01	-0.03
Animal Control	0.01		0.01	0.03	0.01		0.01	0.03				0.00
Slope Stability	0.01		0.01	0.03	0.05		0.05	0.15	0.04		0.04	0.12
Repair Gates	0.02		0.02	0.06	0.02		0.02	0.06				0.00
<i>Supplemental</i>												
USACE Erosion Survey	0.01		0.01	0.03					-0.01		-0.01	-0.03
<i>LMA Totals:</i>	0.17	0.00	0.17	0.51	0.19	0.00	0.19	0.57	0.02	0.00	0.02	0.06

MA 5

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

Unit No. 02 Butte Creek 1

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
BTC_2-5_R	0.00	2.50	2.51	removed	W

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
MA 05 Unit 1 - Butte Creek left bank	15.08	Active		Pending
MA 05 Unit 2 - Butte Creek right bank	16.71	Active		Pending

DWR Summary of Local Maintaining Agency Report

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 referred to the Spring 2012 Levee Inspection Report for the relevant information. The 2012 Spring Inspection Report provided unacceptable rating for Levee Unit 2 at LM 14.54 for encroachment due to buildings.

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 was 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 expenses and maintenance activities accomplished. Activities included encroachment removal, inspection, Little Chico Diversion Structure, minor structure maintenance, restoration/habitat enhancements, roadway maintenance, rodent control, slope dragging, and vegetation control. The reported total maintenance cost for the previous fiscal year was \$334,378.

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 planned for all levee units. Expenses include costs of encroachment removal, diversion structure, minor structure maintenance, mobile equipments, patrolling, restoration/habitat enhancements, roadway maintenance, rodent control, slope dragging, and vegetation control. The reported total estimated cost for the current fiscal year is \$374,000.

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 CVFPB or DWR

No information was provided by the Agency for Part 5.

Sutter Maintenance Yard Maintenance Area 0007

MA 7

Butte County

Contact

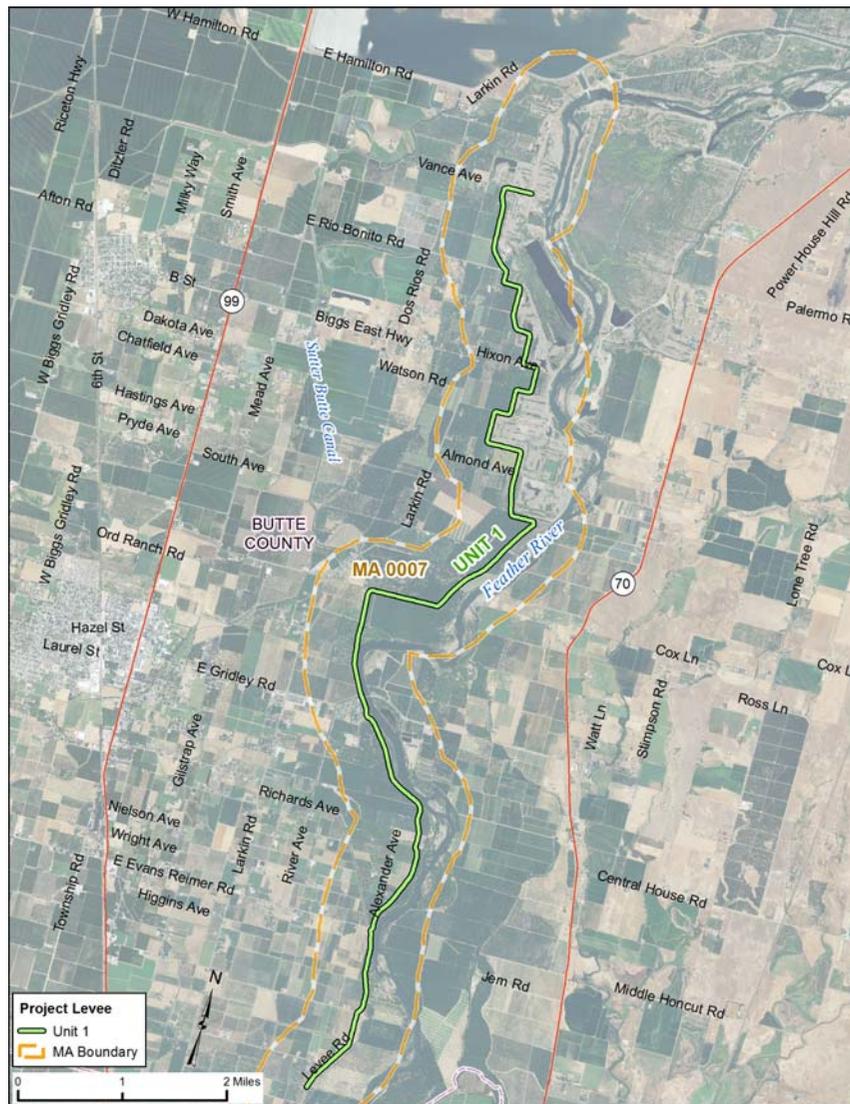
Karen Hull

PO Box 40

Sutter CA 95982

Phone: (530) 755-0071

MA 7



Levee Short Name : MA0007

Bank Unit Length (Miles)

Unit No. 01 Feather River

RB

12.07

Threat Assessment & Recommendations

- The LMA should continue to maintain the area at the high level seen during the last inspection.
- The LMA should repair locations where the levee slope may be unstable.

SACRAMENTO SYSTEM : Sutter Maintenance Yard Maintenance Area 0007

DWR Levee Inspection Summary

MA0007	Total LMA Miles		12.07									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	A				A							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation												0.00
Encroachments	0.04		0.04	0.33					-0.04		-0.04	-0.33
Slope Stability	0.38		0.38	3.15	0.36		0.36	2.98	-0.02		-0.02	-0.17
Erosion / Bank Caving	0.04		0.04	0.33					-0.04		-0.04	-0.33
<i>Supplemental</i>												
USACE Erosion Survey	0.01		0.01	0.08	0.02		0.02	0.17	0.01		0.01	0.08
<i>LMA Totals:</i>	0.47	0.00	0.47	3.89	0.38	0.00	0.38	3.15	-0.09	0.00	-0.09	-0.75

MA 7

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

Unit No. 01 Feather River

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
FHR_47-5_R	47.50	1.55	1.55	eroding	M
FHR_47-5_R	50.90	4.37	4.37	eroding new	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Feather River right bank - Sutter Bypass east bank	66.72	Inactive	09/10/2010	U

DWR Summary of Local Maintaining Agency Report

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 referred to the Spring 2012 Levee Inspection Report for the relevant information. The 2012 Spring Inspection Report provided unacceptable rating for encroachments at various locations at 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 was 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 expenses and maintenance activities accomplished. Activities included encroachment removal, inspection, minor structure maintenance, restoration/habitat enhancements, roadway maintenance, rodent control, slope dragging, and vegetation control. The reported total maintenance cost for the previous fiscal year was \$81,234.

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 planned for all levee units. Expenses include costs of administrative overhead, encroachment removal, minor structure maintenance, mobile equipments, patrolling, restoration/habitat enhancements, roadway maintenance, rodent control, slope dragging, and vegetation control. The reported total estimated cost for the current fiscal year is \$117,300.

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

No information was provided by the Agency for Part 5.

Sutter Maintenance Yard Maintenance Area 0012

MA 12

Colusa County

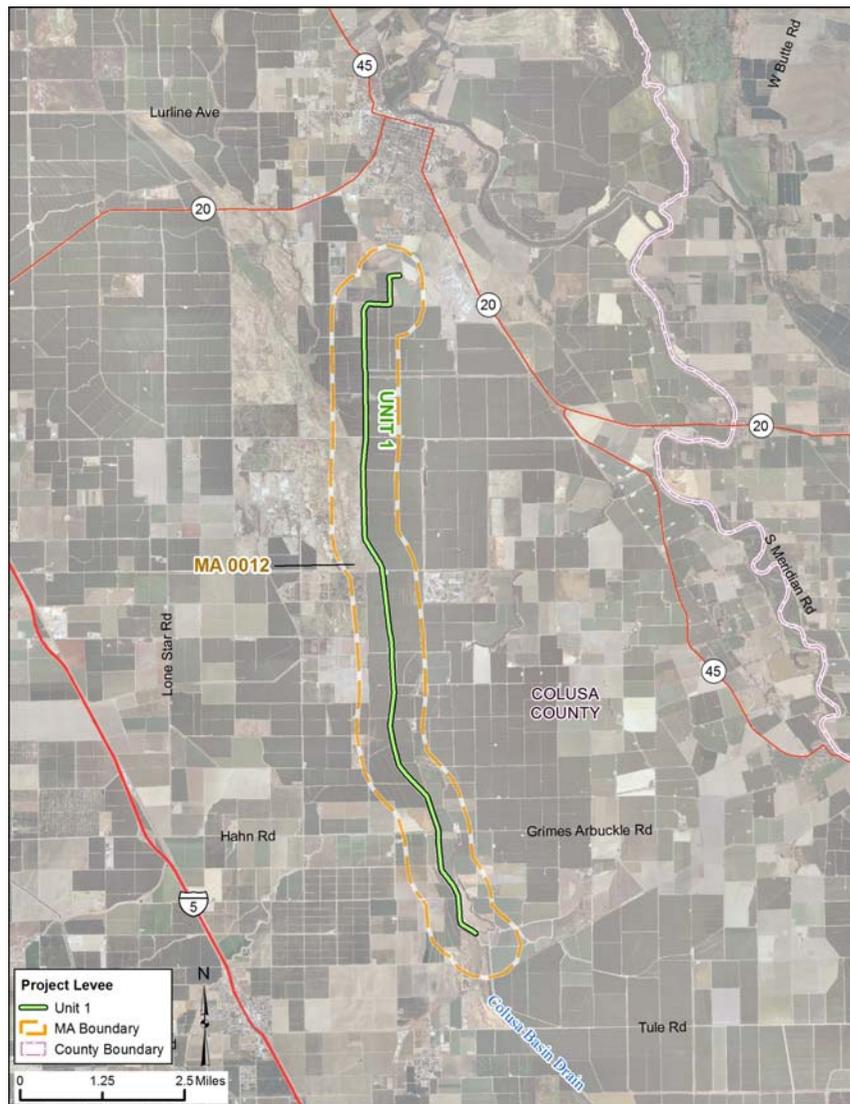
Contact

Karen Hull

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Sutter CA 95982

Phone: (530) 755-0071



Levee Short Name : MA0012

Bank Unit Length (Miles)

Unit No. 01 Colusa Drain

LB

11.31

Threat Assessment & Recommendations

- The LMA should continue to maintain the area at the high level seen during the last inspection.
- The LMA should focus on repairing erosion sites.

SACRAMENTO SYSTEM : Sutter Maintenance Yard Maintenance Area 0012

DWR Levee Inspection Summary

MA0012	Total LMA Miles		11.31									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	A				A							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Animal Control	0.02		0.02	0.18					-0.02		-0.02	-0.18
Slope Stability	0.01		0.01	0.09					-0.01		-0.01	-0.09
<i>Supplemental</i>												
USACE Erosion Survey	0.01		0.01	0.09	0.01		0.01	0.09				0.00
<i>LMA Totals:</i>	0.04	0.00	0.04	0.35	0.01	0.00	0.01	0.09	-0.03	0.00	-0.03	-0.27

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

MA 12

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

Unit No. 01 Colusa Drain

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
SYC_9-3_L	0.00	9.02	9.02	eroding	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Sacramento River west bank	119.72	Active		Pending

DWR Summary of Local Maintaining Agency Report

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 referred to the Spring 2012 Levee Inspection Report for the relevant information. The 2012 Spring Inspection Report provided minimally acceptable to acceptable ratings for all inspected items of all levee units.

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 was 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 expenses and maintenance activities accomplished. Activities included costs of encroachment removal, inspection, minor structure maintenance, restoration/habitat enhancements, roadway maintenance, rodent control, slope dragging, and vegetation control. The reported total maintenance cost for the previous fiscal year was \$76,419.

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 planned for all levee units. Expenses include costs of administrative overhead, encroachment removal, minor structure maintenance, mobile equipments, patrolling, restoration/habitat enhancements, roadway maintenance, rodent control, slope dragging, and vegetation control. The reported total estimated cost for the current fiscal year is \$93,000.

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 CVFPB or DWR

No information was provided by the Agency for Part 5.

Sutter Maintenance Yard Maintenance Area 0013

Butte County

Contact

Karen Hull

PO Box 40

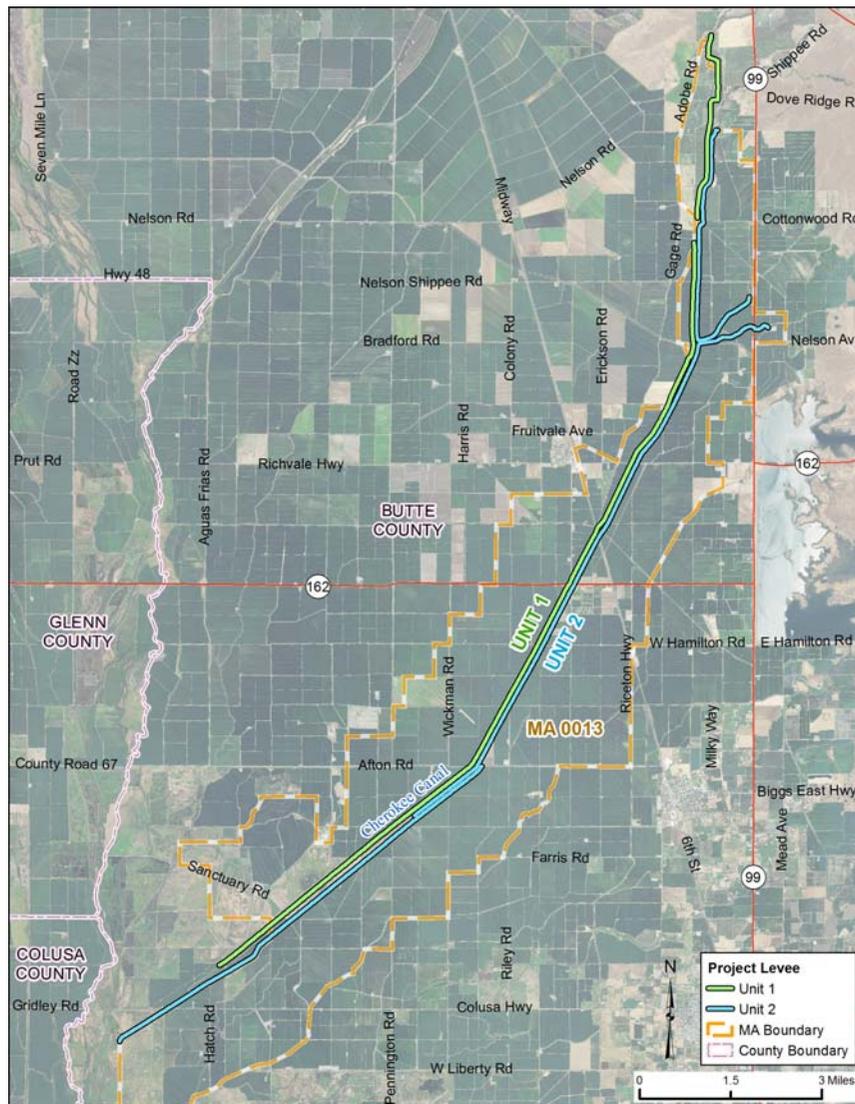
Sutter CA 95982

Phone: (530) 755-0071

MA 13

SACRAMENTO SYSTEM : Sutter Maintenance Yard Maintenance Area 0013

MA 13



Levee Short Name : MA0013

Bank Unit Length (Miles)

Unit No. 01 Cherokee Canal	RB	18.87
Unit No. 02 Cherokee Canal	LB	23.10

Threat Assessment & Recommendations

- The LMA should continue to maintain the area at the high level seen during the last inspection.
- The LMA should focus on repairing erosion sites.

SACRAMENTO SYSTEM : Sutter Maintenance Yard Maintenance Area 0013

DWR Levee Inspection Summary

MA0013	Total LMA Miles		41.97									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	A				A							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation												0.00
Trim / Thin Trees	0.03		0.03	0.07	0.03		0.03	0.07				0.00
Encroachments	0.59		0.59	1.41	0.59		0.59	1.41				0.00
Animal Control	0.03		0.03	0.07					-0.03		-0.03	-0.07
Erosion / Bank Caving	0.02		0.02	0.05	0.02		0.02	0.05				0.00
<i>Supplemental</i>												
USACE Erosion Survey	0.01		0.01	0.02	0.01		0.01	0.02				0.00
<i>LMA Totals:</i>	0.68	0.00	0.68	1.62	0.65	0.00	0.65	1.55	-0.03	0.00	-0.03	-0.07

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

MA 13

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

Unit No. 01 Cherokee Canal

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
CHK_11-7_R	0.00	11.75	11.76	eroding	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
MA 13 Unit 1 - Cherokee Canal right bank	18.18	Active		Pending
MA 13 Unit 2 north - Cherokee Canal left bank	4.78	Active		Pending
MA 13 Unit 2 south - Cherokee Canal left bank	18.08	Active		Pending

DWR Summary of Local Maintaining Agency Report

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 referred to the Spring 2012 Levee Inspection Report for the relevant information. The 2012 Spring Inspection Report provided minimally acceptable to acceptable ratings for all inspected items of all levee units.

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 was 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 expenses and maintenance activities accomplished. Activities included encroachment removal, inspection, minor structure maintenance, mobile equipments, restoration/habitat enhancements, roadway maintenance, rodent control, slope dragging, and vegetation control. The reported total maintenance cost for the previous fiscal year was \$188,874.

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 planned for all levee units. Expenses include costs of administrative overhead, encroachment removal, minor structure maintenance, mobile equipments, patrolling, restoration/habitat enhancements, roadway maintenance, rodent control, slope dragging, and vegetation control. The reported total estimated cost for the current 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 CVFPB or DWR

The Agency reported levee toe encroachment on Levee Unit 1, LM 11.19 to 11.76 and on Levee Unit 2, LM 10.14 to 20.15.

Sutter Maintenance Yard Maintenance Area 0016

Sutter County

MA 16

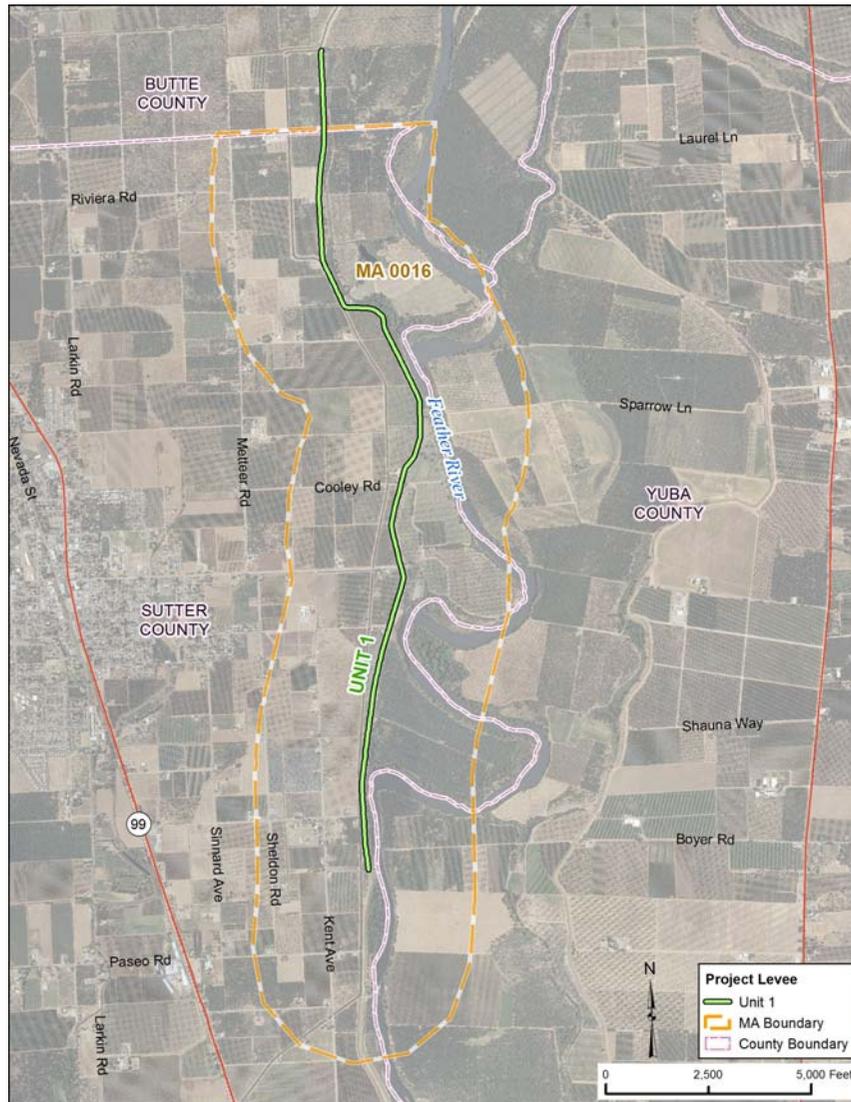
Contact

Karen Hull

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Sutter CA 95982

Phone: (530) 755-0071



Levee Short Name : MA0016

Bank Unit Length (Miles)

Unit No. 01 Feather River

RB

4.09

Threat Assessment & Recommendations

- The LMA should continue to maintain the area at the high level seen during the last inspection.

SACRAMENTO SYSTEM : Sutter Maintenance Yard Maintenance Area 0016

DWR Levee Inspection Summary

MA0016	Total LMA Miles		4.09									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	M *				A							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation												0.00
Encroachments	0.01		0.01	0.24					-0.01		-0.01	-0.24
Animal Control	0.02		0.02	0.49					-0.02		-0.02	-0.49
<i>Interior Drainage & Piping Systems</i>												
Metal Pipes		0.01	0.04	0.98						-0.01	-0.04	-0.98
LMA Totals:	0.03	0.01	0.07	1.71 *	0.00	0.00	0.00	0.00	-0.03	-0.01	-0.07	-1.71

* Overall LMA Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall LMA Rating is M instead of A.

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Feather River right bank - Sutter Bypass east bank	66.72	Inactive	09/10/2010	U

MA 16

DWR Summary of Local Maintaining Agency Report

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 referred to the Spring 2012 Levee Inspection Report for the relevant information. The 2012 Spring Inspection Report provided unacceptable rating for encroachment at Levee Unit 1, LM 0.45 to 0.49.

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 was 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 expenses and maintenance activities accomplished. Activities included encroachment removal, inspection, minor structure maintenance, restoration/habitat enhancements, roadway maintenance, rodent control, and vegetation control. The reported total maintenance cost for the previous fiscal year was \$50,564.

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 planned for all levee units. Expenses include costs of administrative overhead, encroachment removal, minor structure maintenance, mobile equipments, patrolling, restoration/habitat enhancements, roadway maintenance, rodent control, slope dragging, and vegetation control. The reported total estimated cost for the current fiscal year is \$65,500.

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 CVFPB or DWR

The Agency reported encroachment at Levee Unit 1, LM 0.18 on levee shoulder and toe.

Sutter Maintenance Yard Maintenance Area 0017

Lake County

MA 17

Contact

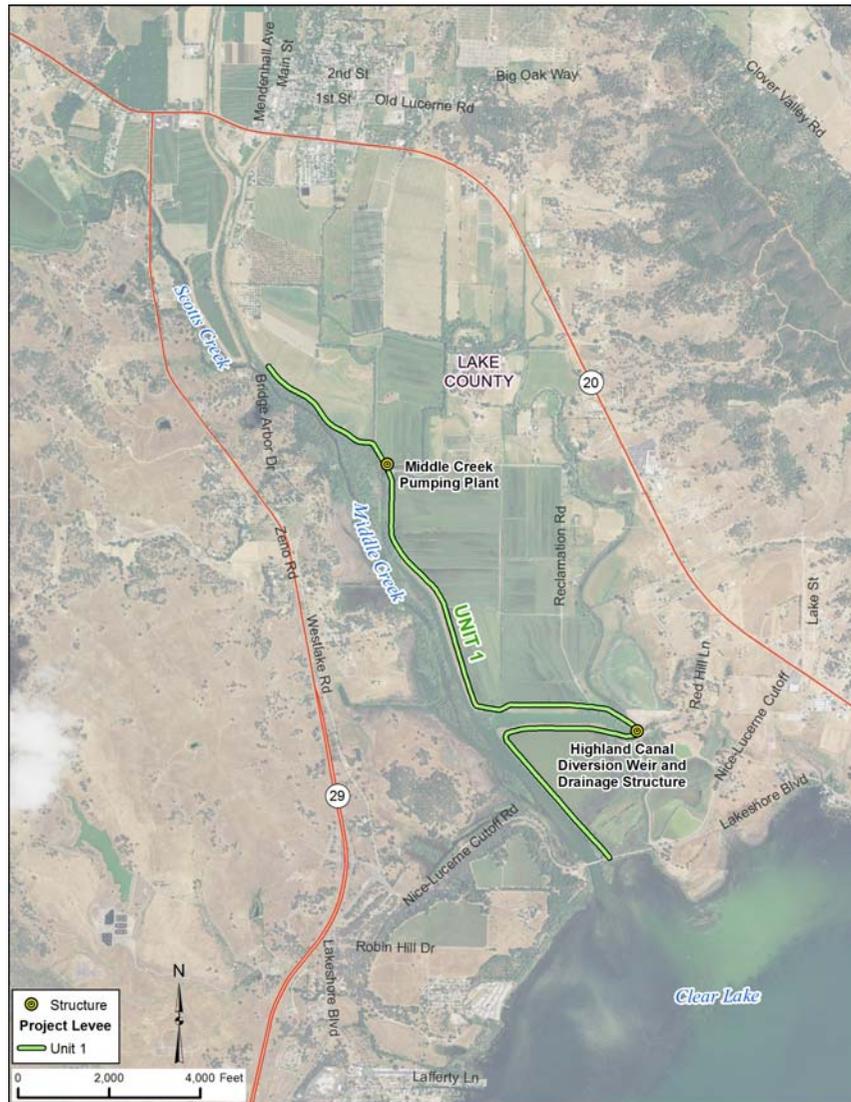
Karen Hull

PO Box 40

Sutter CA 95982

Phone: (530) 755-0071

MA 17



Levee Short Name : MA0017

Bank Unit Length (Miles)

Unit No. 01 Lake County Sutter Maintenance Yard - Middle Creek

LB

3.90

Threat Assessment & Recommendations

- There is vegetation that significantly impacts access and visibility in this Area.
- The LMA should focus more on controlling vegetation to maintain visibility and access.

SACRAMENTO SYSTEM : Sutter Maintenance Yard Maintenance Area 0017

DWR Levee Inspection Summary

MA0017	Total LMA Miles		3.90									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	U				U							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation		3.13	12.52	321.03		3.13	12.52	321.03				0.00
Trim / Thin Trees		3.12	12.48	320.00		3.12	12.48	320.00				0.00
<i>LMA Totals:</i>	0.00	6.25	25.00	641.03	0.00	6.25	25.00	641.03	0.00	0.00	0.00	0.00

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

MA 17

USACE Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Middle Creek left bank - Unit 1 at Clear Lake	1.33	Active		Pending
Middle Creek left bank - Unit 1 south	3.51	Active		Pending

DWR Summary of Local Maintaining Agency Report

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 referred to the Spring 2012 Levee Inspection Report for the relevant information. The 2012 Spring Inspection Report provided unacceptable rating for vegetation at Levee Unit 1 at various locations.

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 was 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 expenses and maintenance activities accomplished. Activities included encroachment removal, inspection, minor structure maintenance, restoration/habitat enhancements, roadway maintenance, rodent control and vegetation control. The reported total maintenance cost for the previous fiscal year was \$61,970.

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 planned for all levee units. Expenses include costs of administrative overhead, encroachment removal, minor structure maintenance, mobile equipments, patrolling, plant O&M and repairs, restoration/habitat enhancements, roadway maintenance, rodent control and vegetation control. The reported total estimated cost for the current fiscal year is \$91,200.

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

No information was provided by the Agency for Part 5.

Sutter Maintenance Yard Nelson Bend

Sutter County

Nelson
Bend

Contact

Karen Hull

PO Box 40

Sutter CA 95982

Phone: (530) 755-0071



Levee Short Name : ST0006

Bank Unit Length (Miles)

Unit No. 01 Feather River West Levee-Nelson Bend

0.50

Threat Assessment & Recommendations

- There is vegetation that significantly impacts access and visibility in this Area.
- The LMA should focus more on controlling vegetation to maintain visibility and access.

SACRAMENTO SYSTEM : Sutter Maintenance Yard Nelson Bend

DWR Levee Inspection Summary

ST0006	Total LMA Miles		0.50									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	U				U							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	0.99		0.99	198.00	0.55		0.55	110.00	-0.44		-0.44	-88.00
Trim / Thin Trees	0.44		0.44	88.00	0.44		0.44	88.00				0.00
<i>LMA Totals:</i>	1.43	0.00	1.43	286.00	0.99	0.00	0.99	198.00	-0.44	0.00	-0.44	-88.00

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Feather River - Nelson Bend West Levee	0.55	Active		N/A
Feather River right bank - Sutter Bypass east bank	66.72	Inactive	09/10/2010	U

Nelson Bend

DWR Summary of Local Maintaining Agency Report

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 referred to the Spring 2012 Levee Inspection Report for the relevant information. The 2012 Spring Inspection Report provided unacceptable rating for encroachment at Levee Unit 1, LM 0.48.

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 was 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 was 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 was 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 CVFPB or DWR

No information was provided by the Agency for Part 5.

Sutter Maintenance Yard Tisdale Bypass

Sutter County

Tisdale

Contact

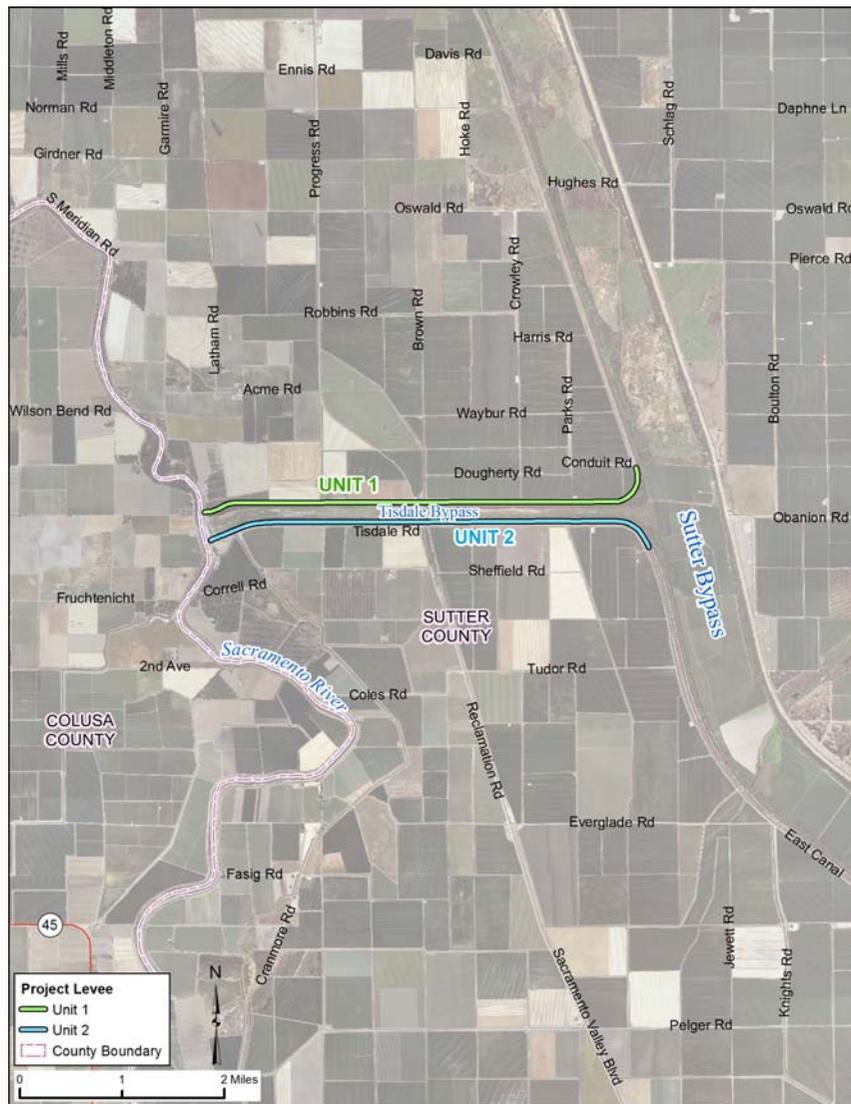
Karen Hull

PO Box 40

Sutter CA 95982

Phone: (530) 755-0071

SACRAMENTO SYSTEM : Sutter Maintenance Yard Tisdale Bypass



Levee Short Name : ST009

Bank Unit Length (Miles)

Unit No. 01 Tisdale Bypass	LB	4.50
Unit No. 02 Tisdale Bypass	RB	4.43

Threat Assessment & Recommendations

- The LMA should continue to maintain the area at the high level seen during the last inspection.
- The LMA should focus more on backfilling rodent holes.

SACRAMENTO SYSTEM : Sutter Maintenance Yard Tisdale Bypass

DWR Levee Inspection Summary

ST0009	Total LMA Miles		8.93									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	A				A							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Animal Control					0.01		0.01	0.11	0.01		0.01	0.11
Erosion / Bank Caving	0.01		0.01	0.11	0.01		0.01	0.11				0.00
<i>LMA Totals:</i>	0.01	0.00	0.01	0.11	0.02	0.00	0.02	0.22	0.01	0.00	0.01	0.11

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

No Supplemental Erosion Sites.

Tisdale

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 0070 and RD 1660 - Sutter Basin North	39.90	Active		Pending
RD 1500 and Tisdale Bypass - Sutter Basin South	59.22	Inactive	05/14/2012	U

DWR Summary of Local Maintaining Agency Report

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 referred to the Spring 2012 Levee Inspection Report for the relevant information. The 2012 Spring Inspection Report provided minimally acceptable to acceptable ratings for inspected items of all levee units.

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 was 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 expenses and maintenance activities accomplished. Activities included channel maintenance, encroachment removal, minor structure maintenance, roadway maintenance, rodent control, slope dragging, and vegetation control. The reported total maintenance cost for the previous fiscal year was \$200,294.

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 planned for all levee units. Expenses include costs of channel maintenance, minor structure maintenance, patrolling, restoration/habitat enhancements, roadway maintenance, rodent control, slope dragging, and vegetation control. The reported total estimated cost for the current fiscal year is \$262,100.

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 CVFPB or DWR

No information was provided by the Agency for Part 5.

Sutter Maintenance Yard

Wadsworth Canal

Sutter County

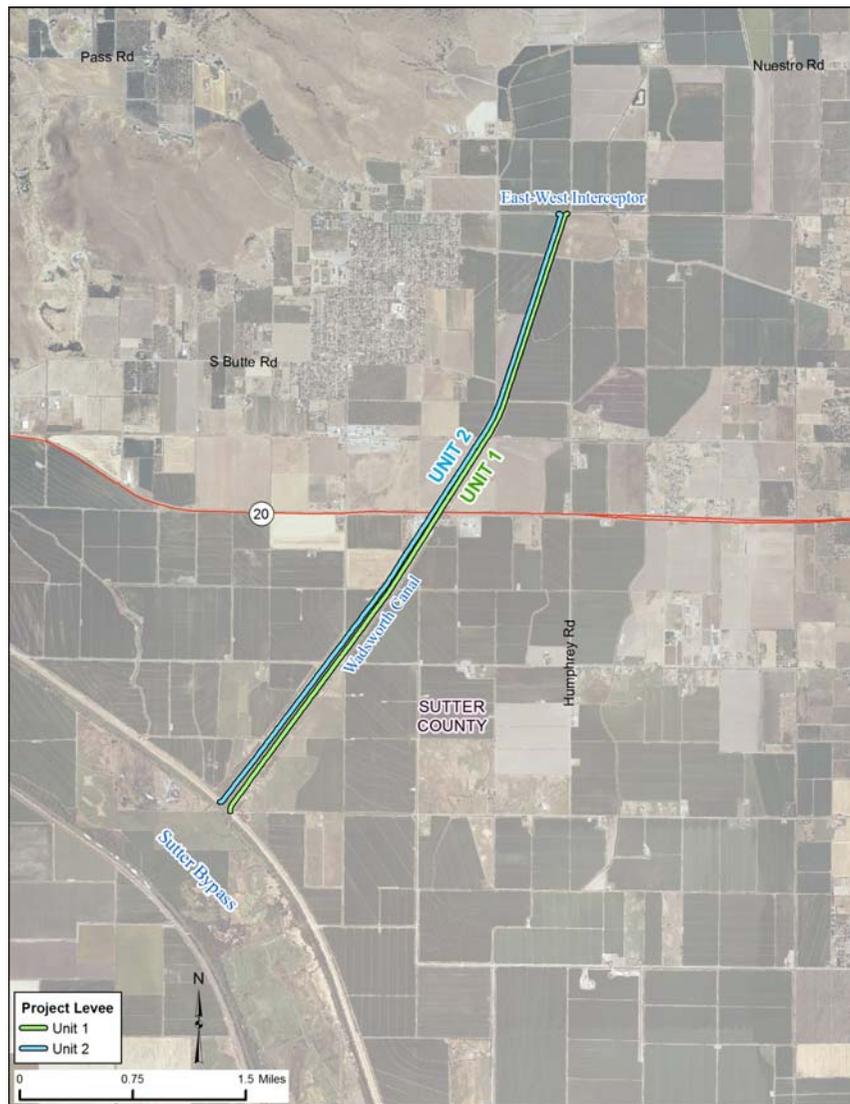
Contact

Karen Hull

PO Box 40

Sutter CA 95982

Phone: (530) 755-0071



Levee Short Name : ST0010

Bank Unit Length (Miles)

Unit No. 01 Wadsworth Canal	LB	4.66
Unit No. 02 Wadsworth Canal	RB	4.66

Threat Assessment & Recommendations

- The LMA should focus on repairing erosion sites.

SACRAMENTO SYSTEM : Sutter Maintenance Yard Wadsworth Canal

Wadsworth

DWR Levee Inspection Summary

ST0010	Total LMA Miles		9.32									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	A				A							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Animal Control	0.07		0.07	0.75	0.03		0.03	0.32	-0.04		-0.04	-0.43
Slope Stability	0.01		0.01	0.11	0.01		0.01	0.11				0.00
Erosion / Bank Caving	0.48		0.48	5.15	0.51		0.51	5.47	0.03		0.03	0.32
<i>Supplemental</i>												
USACE Erosion Survey	0.05		0.05	0.54	0.05		0.05	0.54				0.00
<i>LMA Totals:</i>	0.61	0.00	0.61	6.55	0.60	0.00	0.60	6.44	-0.01	0.00	-0.01	-0.11

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

USACE Sacramento River Erosion Summary

Unit No. 01 Wadsworth Canal

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
WAD_2-1_L	0.00	1.74	1.74	eroding	M
WAD_2-1_L	0.00	2.43	2.43	eroding	M

Unit No. 02 Wadsworth Canal

Site ID	River Mile	Levee Mile		Status	Rating
		Start	End		
WAD_2-1_L	0.00	1.74	1.74	eroding	M
WAD_2-1_L	0.00	2.44	2.44	eroding	M
WAD_2-1_L	0.00	4.41	4.41	eroding	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Feather River right bank - Sutter Bypass east bank	66.72	Inactive	09/10/2010	U
Wadsworth Canal right bank - Sutter Bypass East	8.84	Active		Pending

DWR Summary of Local Maintaining Agency Report

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 referred to the Spring 2012 Levee Inspection Report for the relevant information. The 2012 Spring Inspection Report provided minimally acceptable to acceptable rating for inspected items of all levee units.

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 was 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 expenses and maintenance activities accomplished. Activities included encroachment removal, erosion repair, inspection, minor structure maintenance, roadway maintenance, rodent control, seepage control, slope dragging, and vegetation control. The reported total maintenance cost for the previous fiscal year was \$133,132.

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 planned for all levee units. Expenses include costs of erosion repair, minor structure maintenance, patrolling, restoration/habitat enhancements, roadway maintenance, rodent control, seepage control, slope dragging, and vegetation control. The reported total estimated cost for the current fiscal year is \$183,650.

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

No information was provided by the Agency for Part 5.

Appendix **B**

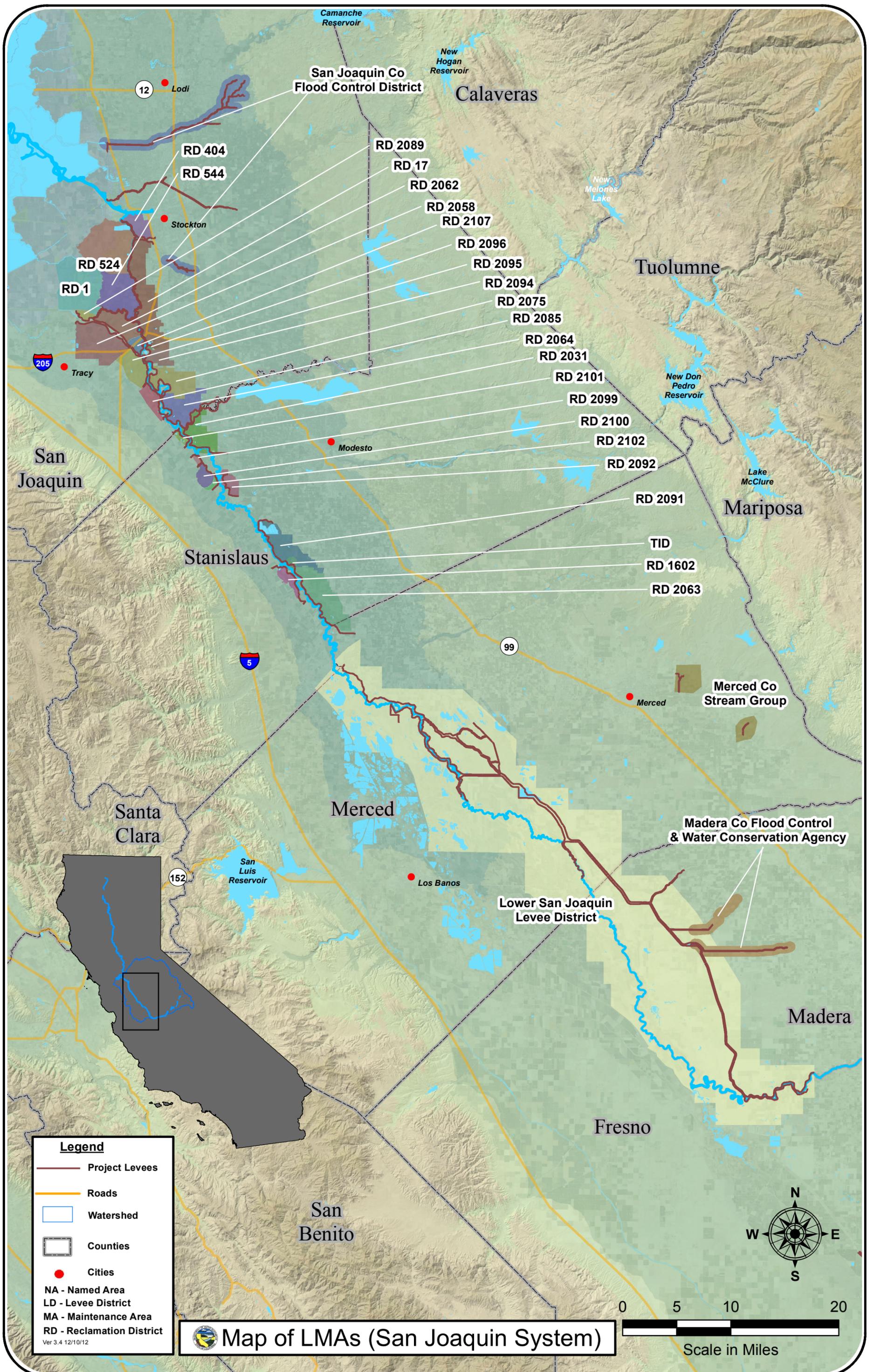
San Joaquin River Individual Agency Summary Reports

A total of 29 LMAs and 29 local reporting areas for Project Levees are included in the San Joaquin River Flood Control Project. Appendix B includes an index to San Joaquin River System LMAs, a map to show the locations of each reporting area, and individual LMA summary 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	Short Name	Page
Reclamation Districts				
Reclamation District No. 0001 Union Island	San Joaquin	RD 1	RD0001	5
Reclamation District No. 0017 Mossdale	San Joaquin	RD 17	RD0017	9
Reclamation District No. 0404 Boggs	San Joaquin	RD 404	RD0404	13
Reclamation District No. 0524 Middle Roberts Island	San Joaquin	RD 524	RD0524	17
Reclamation District No. 0544 Upper Roberts Island	San Joaquin	RD 544	RD0544	23
Reclamation District No. 1602 Del Puerto	San Joaquin	RD 1602	RD1602	27
Reclamation District No. 2031 Elliot	Stanislaus	RD 2031	RD2031	31
Reclamation District No. 2058 Pescadero	San Joaquin	RD 2058	RD2058	35
Reclamation District No. 2062 Stewart	San Joaquin	RD 2062	RD2062	39
Reclamation District No. 2063 Crows Landing	Merced	RD 2063	RD2063	45
Reclamation District No. 2064 River Junction	San Joaquin	RD 2064	RD2064	49
Reclamation District No. 2075 McMullin	San Joaquin	RD 2075	RD2075	53
Reclamation District No. 2085 Kasson	San Joaquin	RD 2085	RD2085	57
Reclamation District No. 2089 Stark	San Joaquin	RD 2089	RD2089	61
Reclamation District No. 2091 Chase	Stanislaus	RD 2091	RD2091	65
Reclamation District No. 2092 Dos Rios	Stanislaus	RD 2092	RD2092	69
Reclamation District No. 2094 Wathal	San Joaquin	RD 2094	RD2094	73
Reclamation District No. 2095 Paradise Cut	San Joaquin	RD 2095	RD2095	77
Reclamation District No. 2096 Wetherbee Lake	San Joaquin	RD 2096	RD2096	81
Reclamation District No. 2099 El Solyo Ranch	Stanislaus	RD 2099	RD2099	85
Reclamation District No. 2100 White Lake Ranch	Stanislaus	RD 2100	RD2100	89
Reclamation District No. 2101 Blewett	Stanislaus	RD 2101	RD2101	93
Reclamation District No. 2102 Lara Ranch	Stanislaus	RD 2102	RD2102	97
Reclamation District No. 2107 Mossdale Island	San Joaquin	RD 2107	RD2107	101
Named Areas				
Lower San Joaquin Levee District	Fresno	LSJLD	NA0010	105
Madera County FCWCA	Madera	Madera County	NA0011	111
Merced Streams Group	Merced	Merced County	NA0013	117
San Joaquin County Flood Control and Water Conservation District	San Joaquin	San Joaquin County	NA0017	123
Turlock Irrigation District Gomes Lake	Stanislaus	TID	NA0065	131



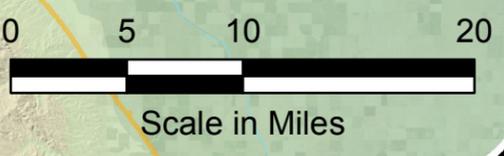


Legend

- Project Levees
- Roads
- Watershed
- Counties
- Cities
- NA - Named Area
- LD - Levee District
- MA - Maintenance Area
- RD - Reclamation District

Ver 3.4 12/10/12

Map of LMAs (San Joaquin System)



Reclamation District No. 0001 Union Island

San Joaquin County

Contact

Bruno Marchini
311 East Main Street Suite 504
Stockton CA 95202
Phone: (209) 943-5551



Levee Short Name : RD0001

Bank Unit Length (Miles)

Unit No. 01 Old River

RB

1.15

Threat Assessment & Recommendations

- The LMA should continue to maintain the area at the high level seen during the last inspection.
- The LMA should enhance its rodent control program.

SAN JOAQUIN SYSTEM : Reclamation District No. 0001 Union Island

RD 1

DWR Levee Inspection Summary

RD0001	Total LMA Miles		1.15									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	A				M *							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	0.01		0.01	0.87	0.01		0.01	0.87				0.00
Animal Control	0.04		0.04	3.48	0.03		0.03	2.61	-0.01		-0.01	-0.87
<i>Supplemental</i>												
DWR Erosion Survey						0.01	0.04	3.48		0.01	0.04	3.48
LMA Totals:	0.05	0.00	0.05	4.35	0.04	0.01	0.08	6.96*	-0.01	0.01	0.03	2.61

* Overall LMA Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall LMA Rating is M instead of A.

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

DWR San Joaquin River Erosion Summary

Unit No. 01 Old River, RB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Issue Type	Status	Rating
RD0001U01RM31.4	31.4	0.00	0.00	Maintenance Erosion	New Site	U

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 0001 and RD 2089 - Union Island	3.92	Active		Pending

DWR Summary of Local Maintaining Agency Report

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 concurred with the information contained in the Spring 2012 Levee Inspection Report. The Spring 2012 Levee Inspection Report provided minimally acceptable to acceptable ratings for the inspected items of all levee units.

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 concurred with the information contained in the Spring 2012 Levee Inspection Report. The Spring 2012 Levee Inspection Report provided minimally acceptable to acceptable ratings for the inspected items of all levee units.

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

The Agency reported its ongoing corrective actions in response to DWR inspection comments. The corrective actions included encroachment and rodent control. The Agency also provided total routine maintenance cost for the previous fiscal year as \$162,361.

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 referred to the fiscal year 2012-2013 application to the Delta Levee Subventions Program for a summary of planned maintenance activities for 13 miles of Non-Project Levees and 1 mile of Project Levee. Expenses include costs of debris removal, encroachment control, erosion repair, flood emergency planning, inspection, levee drainage control, levee profile and cross sections, program management, roadway grading and repair, rodent control, survey, vegetation control, and waterside slope protection. The reported anticipated maintenance budget for the current fiscal year is \$170,000.

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 CVFPB or DWR

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

Reclamation District No. 0017 Mossdale

San Joaquin County

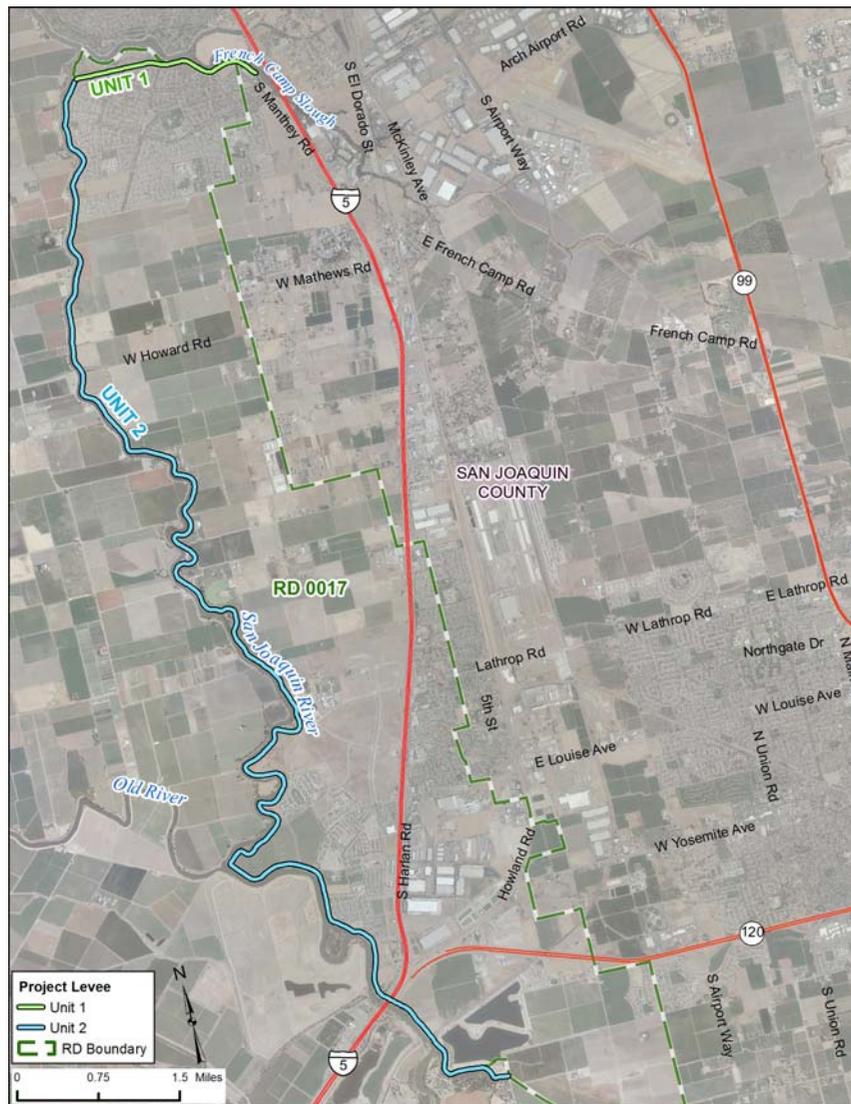
Contact

Henry Long

871 West Yettner

French Camp CA 95231

Phone: (209) 982-1356



Levee Short Name : RD0017

Bank Unit Length (Miles)

Unit No. 01 French Camp Slough	LB	1.79
Unit No. 02 San Joaquin River	RB	14.45

Threat Assessment & Recommendations

- There are one or more encroachments that may significantly impact the integrity of the levee in this Area.
- The LMA should work with landowners and the CVFPB to control unauthorized encroachments.
- The LMA should focus more on controlling vegetation to maintain visibility and access.

SAN JOAQUIN SYSTEM : Reclamation District No. 0017 Mossdale

RD 17

DWR Levee Inspection Summary

RD0017	Total LMA Miles		16.24									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	A				M *							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	0.03		0.03	0.19	0.03		0.03	0.19				0.00
Trim / Thin Trees	0.05		0.05	0.31	0.01		0.01	0.06	-0.04		-0.04	-0.25
Encroachments	0.01		0.01	0.06		0.01	0.04	0.25	-0.01	0.01	0.03	0.18
<i>Supplemental</i>												
DWR Erosion Survey					0.01	0.02	0.09	0.55	0.01	0.02	0.09	0.55
LMA Totals:	0.09	0.00	0.09	0.55	0.05	0.03	0.17	1.05*	-0.04	0.03	0.08	0.49

* Overall LMA Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall LMA Rating is M instead of A.

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

DWR San Joaquin River Erosion Summary

Unit No. 02 San Joaquin River, RB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Issue Type	Status	Rating
RD0017U02RM44.32	44.32	1.08	1.08	River Erosion	New Site	U
RD0017U02RM44.32	46.73	3.46	3.46	River Erosion	New Site	U
RD0017U02RM44.32	45.97	5.43	5.43	River Erosion	New Site	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 0017, 2094, 2096, 2075, 2064 - SJ River East	38.45	Active	12/17/2010	U

DWR Summary of Local Maintaining Agency Report

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 concurred with the information contained in the Spring 2012 Levee Inspection Report. The Spring Inspection Report provided unacceptable rating for encroachments at Levee Unit 2 at various locations.

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 concurred with the information contained in the Spring 2012 Levee Inspection Report. The Spring Inspection Report provided unacceptable rating for encroachments at Levee Unit 2 at various locations.

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

The Agency reported that the annual routine maintenance costs for the previous fiscal year were in excess of \$250,000.

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 anticipated maintenance budget for the current fiscal year to be \$250,000. The Agency reported working with DWR on Early Implementation Projects to address seepage issues and mentioned that Phases 1 and 2 of the project are completed while Phase 3 is under development with a budget of \$10,000,000.

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 CVFPB or DWR

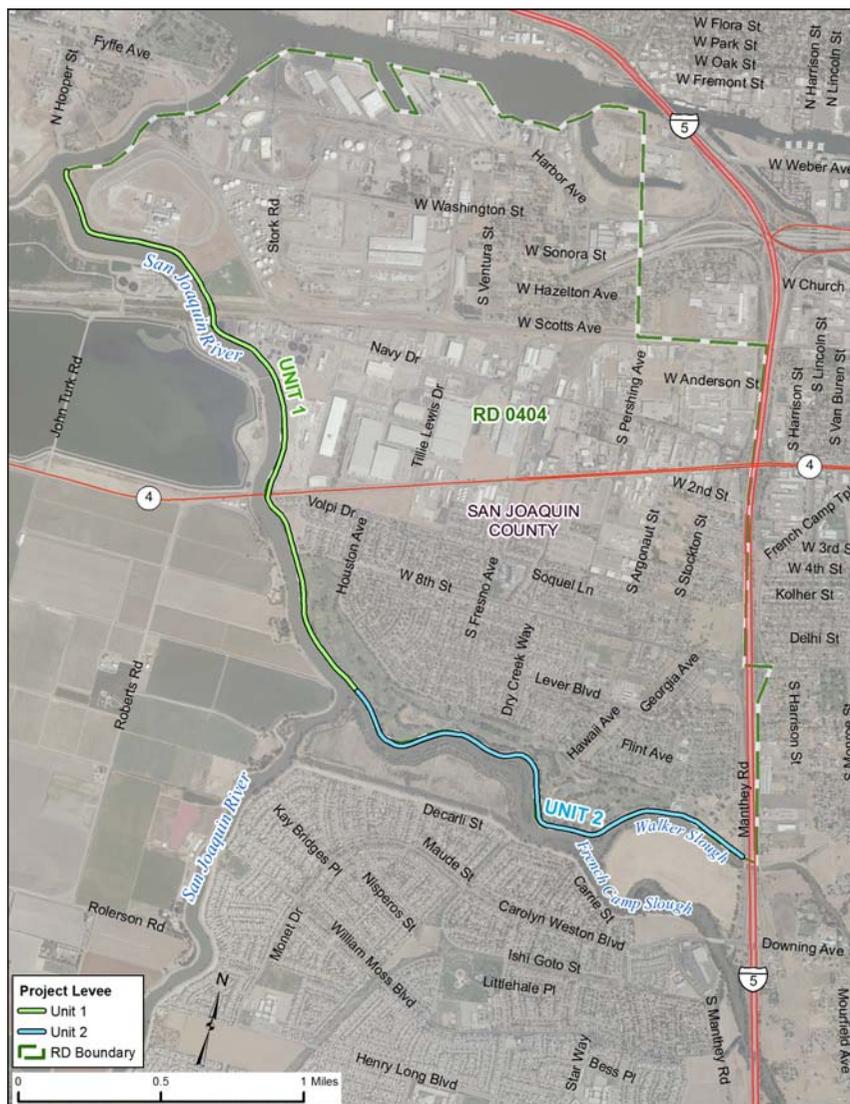
The Agency stated that there was no new information to report.

Reclamation District No. 0404 Boggs

San Joaquin County

Contact

Jason P. Cashman
PO Box 1461
Stockton CA 95201
Phone: (209) 465-5883



Levee Short Name : RD0404

Bank Unit Length (Miles)

Unit No. 01 San Joaquin River	RB	2.36
Unit No. 02 French Camp Slough	RB	1.76

Threat Assessment & Recommendations

- The crown roadway in this Area may not be able to be driven in all types of weather.
- The LMA should ensure that the levee crown and access roads are able to be driven in all weather conditions.

DWR Levee Inspection Summary

RD0404	Total LMA Miles		4.12									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	M				U							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	0.04		0.04	0.97	0.22		0.22	5.34	0.18		0.18	4.37
Trim / Thin Trees	0.08		0.08	1.94	0.08	0.07	0.36	8.74		0.07	0.28	6.80
Encroachments	0.06		0.06	1.46	0.07	0.01	0.11	2.67	0.01	0.01	0.05	1.21
Animal Control	0.34		0.34	8.25	0.12		0.12	2.91	-0.22		-0.22	-5.34
Slope Stability	0.02		0.02	0.49	0.10		0.10	2.43	0.08		0.08	1.94
Erosion / Bank Caving	0.03		0.03	0.73	0.03		0.03	0.73				0.00
Crown Surface / Depressions / Rutting					0.69		0.69	16.75	0.69		0.69	16.75
<i>Supplemental</i>												
DWR Erosion Survey		0.04	0.16	3.88		0.10	0.40	9.71		0.06	0.24	5.83
<i>LMA Totals:</i>	0.57	0.04	0.73	17.72	1.31	0.18	2.03	49.27	0.74	0.14	1.30	31.55

RD 404

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

DWR San Joaquin River Erosion Summary

Unit No. 01 San Joaquin River, RB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Issue Type	Status	Rating
RD0404U01RM40.86	40.86	0.21	0.26	River Erosion	Existing Site	U
RD0404U01RM40.86	41.11	0.48	0.48	River Erosion	New Site	U
RD0404U01RM40.86	41.22	0.60	0.62	River Erosion	New Site	U
RD0404U01RM40.86	41.23	0.62	0.62	River Erosion	New Site	U

Unit No. 02 French Camp Slough, RB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Issue Type	Status	Rating
RD0404U01RM40.86	1.56	1.32	1.58	River Erosion	Repaired Site	C

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 0404 and Duck Creek right bank - Boggs Tract	4.35	Inactive	08/21/2012	U

DWR Summary of Local Maintaining Agency Report

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 concurred with the information contained in the Spring 2012 Levee Inspection Report. The Spring 2012 Levee Inspection Report provided unacceptable rating for water side erosion at Levee Unit 1, LM 0.21 to 0.25.

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 concurred with the information contained in the Spring 2012 Levee Inspection Report. The Spring 2012 Levee Inspection Report provided unacceptable rating for water side erosion at Levee Unit 1, LM 0.21 to 0.25.

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

The Agency referred to Inspection Items/Corrective Action submitted for Summer 2012 Levee Inspection Report. The Agency also reported ongoing corrective actions in response to DWR inspection comments. The corrective actions included encroachment control, erosion and bank caving control, rodent control, slope stability repair, tree thinning and trimming, and vegetation control. The Agency also provided total routine maintenance cost for the previous fiscal year as \$53,500.

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 referred to the fiscal year 2012-2013 application to the Delta Subventions Program which provided a summary of estimated cost and maintenance activities planned for 0.65 miles of Non-Project Levees and 4.1 miles of Project Levees. Expenses include costs of encroachment control, erosion repair, flood emergency planning, inspection, levee drainage control, levee profile and cross sections, program management, roadway grading and repair, rodent control, seepage control, vegetation control, and waterside slope protection. The reported anticipated maintenance budget for the current fiscal year is \$250,000 which includes approximately \$200,000 for erosion repairs at various locations.

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

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

**Reclamation District
No. 0524
Middle Roberts Island**

San Joaquin County

Contact

Daniel Roza, Jr
6800 South Roberts Road
Stockton CA 95206
Phone: (209) 462-4906

DWR Levee Inspection Summary

RD0524	Total LMA Miles		6.26									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	U				U							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	0.07	0.28	1.19	19.01	0.27	0.29	1.43	22.84	0.20	0.01	0.24	3.83
Trim / Thin Trees	0.77	0.08	1.09	17.41	0.73	0.22	1.61	25.72	-0.04	0.14	0.52	8.31
Encroachments	0.24	0.01	0.28	4.47	0.22	0.02	0.30	4.79	-0.02	0.01	0.02	0.32
Animal Control	0.35		0.35	5.59	0.35		0.35	5.59	0.00			0.00
Slope Stability	0.10		0.10	1.60	0.14	0.02	0.22	3.51	0.04	0.02	0.12	1.92
Erosion / Bank Caving	0.22		0.22	3.51	0.19	0.33	1.51	24.12	-0.03	0.33	1.29	20.61
Crown Surface / Depressions / Rutting	0.02		0.02	0.32	0.01		0.01	0.16	-0.01		-0.01	-0.16
Operations & Maintenance Manuals					0.06		0.06	0.96	0.06		0.06	0.96
Flood Preparedness & Training					0.06		0.06	0.96	0.06		0.06	0.96
<i>Interior Drainage & Piping Systems</i>												
Metal Pipes					0.01		0.01	0.16	0.01		0.01	0.16
<i>Supplemental</i>												
DWR Erosion Survey	0.02	0.35	1.42	22.68	0.07	0.29	1.23	19.65	0.05	-0.06	-0.19	-3.04
<i>LMA Totals:</i>	1.79	0.72	4.67	74.60	2.12	1.17	6.80	108.63	0.33	0.45	2.12	34.03

RD 524

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

DWR San Joaquin River Erosion Summary

Unit No. 01 San Joaquin River, LB

Site ID	River Mile	Levee Mile		Issue Type	Status	Rating
		Start	End			
RD0524U01RM40.99	40.99	0.40	0.40	River Erosion	New Site	U
RD0524U01RM40.99	41.15	0.53	0.60	River Erosion	Repaired Site	C
RD0524U01RM40.99	41.39	0.77	0.78	River Erosion	Existing Site	U
RD0524U01RM40.99	41.5	0.91	0.91	River Erosion	Existing Site	M
RD0524U01RM40.99	41.59	1.00	1.01	River Erosion	Repaired Site	C
RD0524U01RM40.99	41.58	1.00	1.00	River Erosion	New Site	U
RD0524U01RM40.99	41.79	1.16	1.24	River Erosion	Existing Site	U
RD0524U01RM40.99	41.92	1.29	1.32	River Erosion	New Site	U
RD0524U01RM40.99	42.03	1.39	1.39	River Erosion	New Site	U
RD0524U01RM40.99	42.2	1.58	1.64	River Erosion	Existing Site	U
RD0524U01RM40.99	42.79	2.19	2.19	River Erosion	New Site	M
RD0524U01RM40.99	42.93	2.32	2.32	River Erosion	New Site	U
RD0524U01RM40.99	43.23	2.65	2.65	River Erosion	New Site	M
RD0524U01RM40.99	43.52	2.96	2.96	River Erosion	New Site	M
RD0524U01RM40.99	43.83	3.23	3.31	River Erosion	Repaired Site	C
RD0524U01RM40.99	44.13	3.55	3.58	River Erosion	New Site	U
RD0524U01RM40.99	45.07	4.53	4.54	River Erosion	New Site	U
RD0524U01RM40.99	45.27	4.71	4.71	River Erosion	Existing Site	M
RD0524U01RM40.99	46.12	5.65	5.66	River Erosion	Existing Site	M
RD0524U01RM40.99	46.39	5.86	5.86	River Erosion	New Site	U

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 0524 and RD 0544 - Roberts Island	16.37	Inactive	05/14/2012	U

DWR Summary of Local Maintaining Agency Report

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 concurred with the information contained in the Spring 2012 Levee Inspection Report. The Spring 2012 Levee Inspection Report provided unacceptable ratings for encroachment, erosion, and vegetation at various locations.

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 concurred with the information contained in the Spring 2012 Levee Inspection Report. The Spring 2012 Levee Inspection Report provided unacceptable rating for encroachment at Levee Unit 1, LM 1.26, 1.64, 1.75, 2.59, 2.67, 4.06, and 6.01 to 6.05; erosion at LM 0.41 to 0.73, 0.53 to 0.60, 0.77 to 0.78, 0.91, 1 to 1.1, 1.16 to 1.24, 1.58 to 1.64, 3.23 to 3.31, 4.7, and 5.41; and vegetation issues at various locations.

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

The Agency referred to the Inspection Items/Corrective Action submitted for Summer 2012 Levee Inspection Report. The Agency reported ongoing corrective actions in response to DWR inspection comments. The corrective actions included encroachment control, erosion and bank caving control, levee crown repair, rodent control, slope stability repair, tree thinning and trimming, and vegetation control. The Agency also provided total routine maintenance cost for the previous fiscal year as \$76,067.

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 referred to fiscal year 2012-2013 application to the Delta Levee Subventions Program for a summary of maintenance activities for 3.8 miles of Non-Project Levees and 5.9 miles of the Project Levee. Expenses include costs of encroachment control, erosion repair, flood emergency planning, inspection, levee drainage control, levee profile and cross sections, program management, roadway grading and repair, rodent control, vegetation control, and waterside slope protection. The reported anticipated budget for the current fiscal year is \$80,000.

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 CVFPB or DWR

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

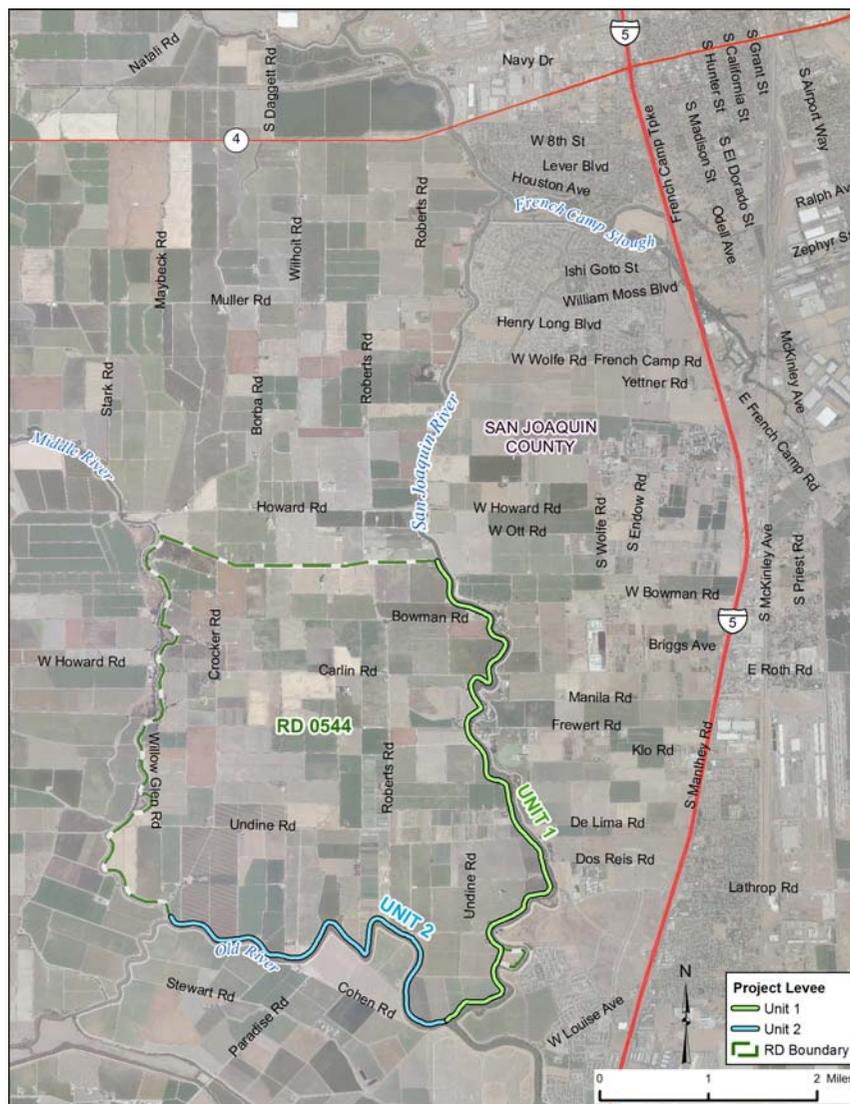
RD 524

Reclamation District No. 0544 Upper Roberts Island

San Joaquin County

Contact

Jerry Robinson
311 East Main Street Suite 504
Stockton CA 95202
Phone: (209) 943-5551



Levee Short Name : RD0544	Bank	Unit Length (Miles)
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Unit No. 01 San Joaquin River	LB	6.11
Unit No. 02 Old River	RB	4.22

Threat Assessment & Recommendations

- There is vegetation that significantly impacts access and visibility in this Area.
- The LMA should focus more on controlling vegetation to maintain visibility and access.
- The LMA should ensure that the levee crown and access roads are able to be driven in all weather conditions.

SAN JOAQUIN SYSTEM : Reclamation District No. 0544 Upper Roberts Island

DWR Levee Inspection Summary

RD0544	Total LMA Miles		10.33									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	U				U							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	5.32	0.41	6.96	67.38	4.88	0.10	5.28	51.11	-0.44	-0.31	-1.68	-16.26
Trim / Thin Trees	0.01		0.01	0.10	0.02		0.02	0.19	0.01		0.01	0.10
Encroachments	0.21	0.01	0.25	2.42	0.17	0.01	0.21	2.03	-0.04		-0.04	-0.39
Animal Control	0.23		0.23	2.23	0.27		0.27	2.61	0.04		0.04	0.39
Slope Stability	0.01	0.02	0.09	0.87	0.04	0.02	0.12	1.16	0.03		0.03	0.29
Erosion / Bank Caving	0.02	0.02	0.10	0.97	0.03	0.01	0.07	0.68	0.01	-0.01	-0.03	-0.29
Crown Surface / Depressions / Rutting		0.01	0.04	0.39	0.71	0.01	0.75	7.26	0.71		0.71	6.87
Flood Preparedness & Training					0.10		0.10	0.97	0.10		0.10	0.97
<i>Interior Drainage & Piping Systems</i>												
Erosion Areas		0.01	0.04	0.39		0.01	0.04	0.39				0.00
<i>Channels</i>												
Erosion / Bank Caving						0.01	0.04	0.39		0.01	0.04	0.39
Encroachments		0.01	0.04	0.39		0.01	0.04	0.39				0.00
<i>Supplemental</i>												
DWR Erosion Survey		0.04	0.16	1.55		0.05	0.20	1.94		0.01	0.04	0.39
LMA Totals:	5.80	0.53	7.92	76.67	6.22	0.23	7.14	69.12	0.42	-0.30	-0.78	-7.55

RD 544

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

DWR San Joaquin River Erosion Summary

Unit No. 01 San Joaquin River, LB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Issue Type	Status	Rating
RD0544U01RM47.12	47.12	0.41	0.45	River Erosion	Repaired Site	C
RD0544U01RM47.12	48.81	2.01	2.01	River Erosion	New Site	U
RD0544U01RM47.12	49.67	2.94	2.94	River Erosion	New Site	U

Unit No. 02 Old River, LB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Issue Type	Status	Rating
RD0544U01RM47.12	33.21	2.34	2.34	River Erosion	New Site	U
RD0544U01RM47.12	32.91	2.65	2.67	River Erosion	New Site	U

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 0524 and RD 0544 - Roberts Island	16.37	Inactive	05/14/2012	U

DWR Summary of Local Maintaining Agency Report

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 concurred with the information contained in the Spring 2012 Levee Inspection Report. The Spring 2012 Levee Inspection Report provided unacceptable ratings for crown surface depression at Levee Unit 1, LM 4.33; erosion and bank caving at Levee Unit 1, LM 0.45 to 0.45, and 2.28 and at Levee Unit 2, LM 2.35; encroachment and vegetation at various locations of all levee units; and slope stability at Levee Unit 1, LM 4.32 and at Levee Unit 2, LM 1.89.

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 concurred with the information contained in the Spring 2012 Levee Inspection Report. The Spring 2012 Levee Inspection Report provided unacceptable rating for crown surface depression at Levee Unit 1, LM 4.33; erosion and bank caving at Levee Unit 1, LM 0.45 to 0.45 and 2.28 and at Levee Unit 2, LM 2.35; encroachment and vegetation at various locations of all levee units; and slope instability at Levee Unit 1, LM 4.32 and at Levee Unit 2, LM 1.89.

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

The Agency referred to the Inspection Items/Corrective Action submitted for the Summer 2012 Levee Inspection Report. The Agency also reported on the ongoing corrective actions in response to DWR inspection comments. The corrective actions included encroachment control, erosion and bank caving control, levee crown repair, rodent control, slope stability repair, tree thinning and trimming, and vegetation control. The Agency also provided total routine maintenance cost for the previous fiscal year as \$182,582.

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 referred to the fiscal year 2012-2013 application to the Delta Levee Subventions Program for a summary of cost and maintenance activities for 4.4 miles of Non-Project Levees and 10.6 miles of Project Levees. Expenses include costs of encroachment control, erosion repair, flood emergency planning, inspection, levee drainage control, levee profile and cross sections, management and accounting, program management, removal of drift deposits and debris, roadway grading and repair, rodent control, survey, vegetation control, and waterside slope protection. The reported anticipated maintenance budget for the current fiscal year is \$190,000.

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 CVFPB or DWR

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

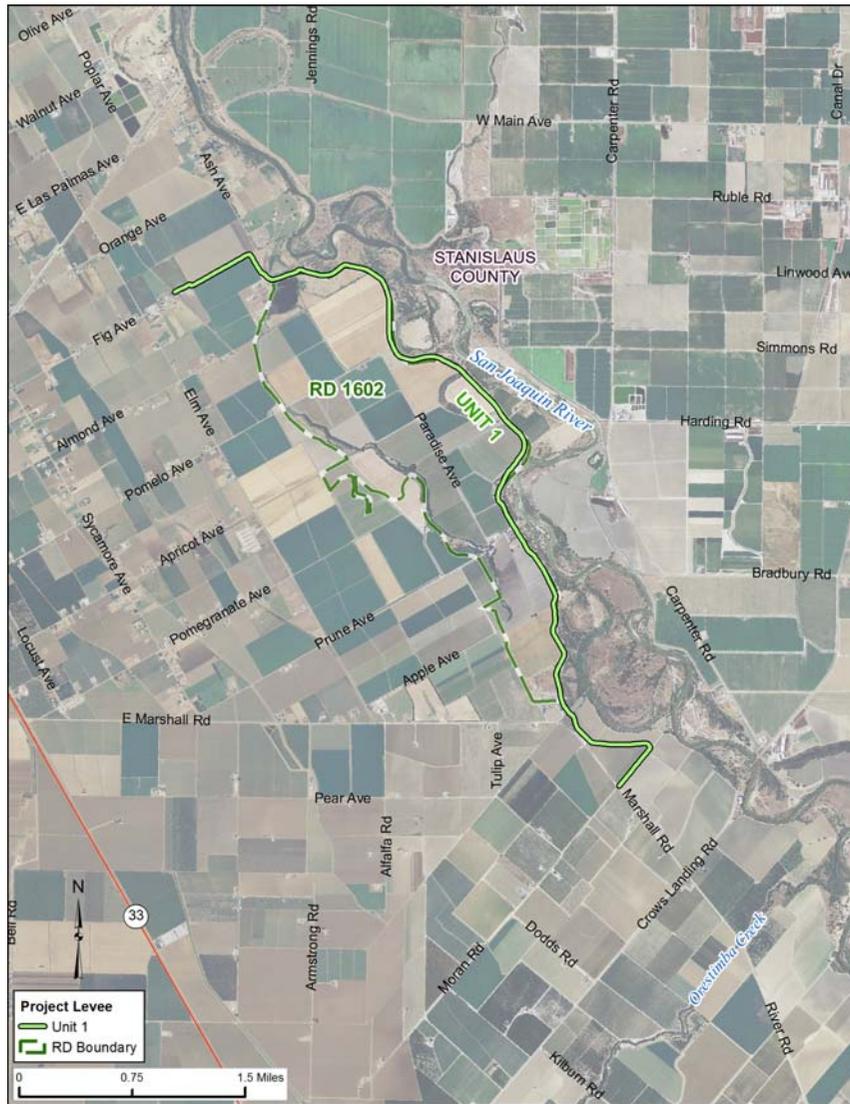
Reclamation District No. 1602 Del Puerto

San Joaquin County

Contact

Dan Roberts
District Office • 2012 Apple Avenue
Patterson CA 95363
Phone: (209) 605-7117

RD 1602



Levee Short Name : RD1602

Bank Unit Length (Miles)

Unit No. 01 San Joaquin River

LB

6.29

Threat Assessment & Recommendations

- There is significant rodent activity in this Area.
- The LMA should enhance its rodent control program.

SAN JOAQUIN SYSTEM : Reclamation District No. 1602 Del Puerto

DWR Levee Inspection Summary

RD1602	Total LMA Miles		6.29									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	U				U							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	4.54		4.54	72.18	2.10		2.10	33.39	-2.44		-2.44	-38.79
Trim / Thin Trees	0.03		0.03	0.48					-0.03		-0.03	-0.48
Encroachments	0.05		0.05	0.80	0.04		0.04	0.64	-0.01		-0.01	-0.16
Animal Control	0.29		0.29	4.61	0.55		0.55	8.74	0.26		0.26	4.13
Slope Stability	0.04		0.04	0.64	0.04		0.04	0.64				0.00
<i>Interior Drainage & Piping Systems</i>												
Encroachments	0.01		0.01	0.16	0.01		0.01	0.16				0.00
Flap Gates	0.01		0.01	0.16	0.01		0.01	0.16				0.00
Concrete Tilting / Settlement	0.01		0.01	0.16	0.01		0.01	0.16				0.00
LMA Totals:	4.98	0.00	4.98	79.17	2.76	0.00	2.76	43.88	-2.22	0.00	-2.22	-35.29

RD 1602

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

DWR San Joaquin River Erosion Summary

No Supplemental Erosion Sites.

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 1602 - Del Puerto	6.26	Active		N/A

DWR Summary of Local Maintaining Agency Report

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 problem in some areas and referred to DWR's Inspection Report for detail. The Agency also reported unauthorized encroachment at all levee units and unauthorized vehicular traffic at Levee Unit 1 between LM 0.0 to 0.5 and at other locations.

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 referred to DWR's Inspection Report for the relevant information. The Spring 2012 Levee Inspection Report provided minimally acceptable to acceptable rating for all inspected items.

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. The activities included rodent 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 planned for all levee units. Expenses include costs of rodent control, slope dragging, and vegetation spraying. The reported total estimated cost for the current 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 CVFPB or DWR

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

RD 1602

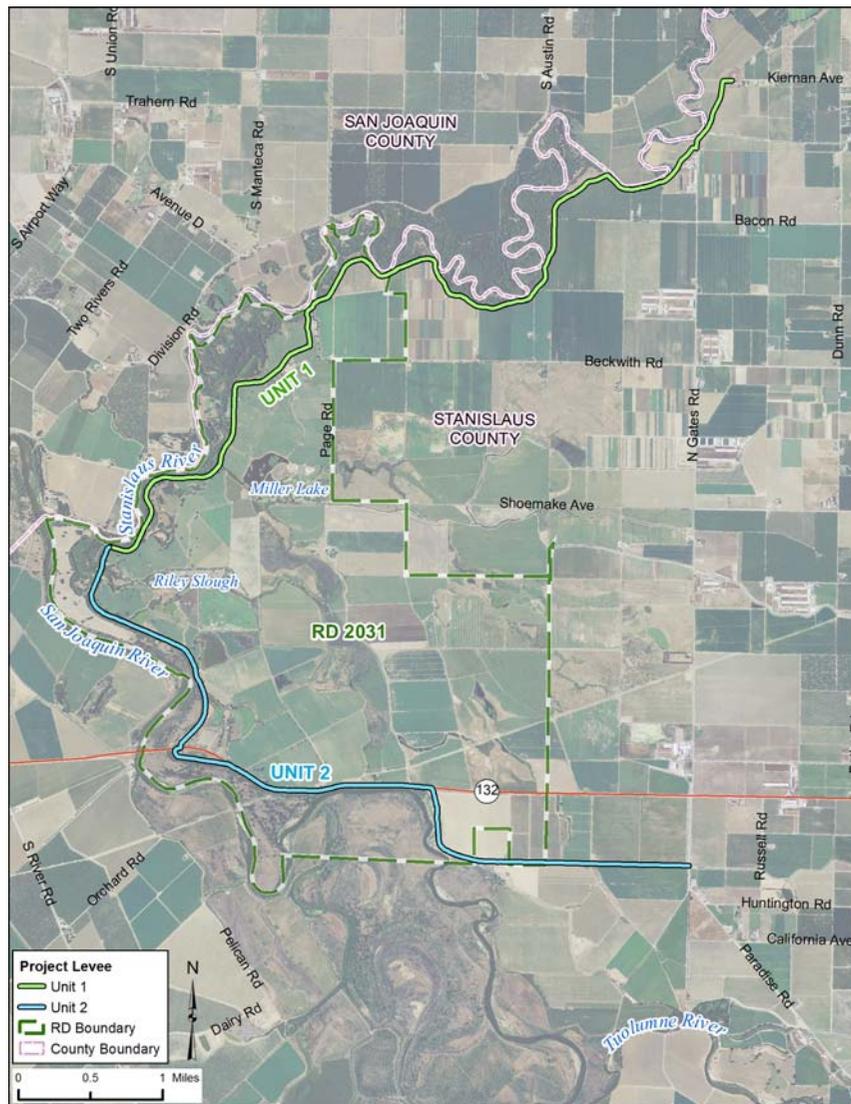
Reclamation District No. 2031 Elliot

RD 2031

Stanislaus County

Contact

William Lyons, Jr
10555 Maze Boulevard
Modesto CA 95358
Phone: (209) 522-1762



Levee Short Name : RD2031

Bank Unit Length (Miles)

Unit No. 01 Stanislaus River	LB	7.15
Unit No. 02 San Joaquin River	RB	6.04

Threat Assessment & Recommendations

- There are one or more encroachments that may significantly impact the integrity of the levee in this Area.
- The LMA should work with landowners and the CVFPB to control unauthorized encroachments.

DWR Levee Inspection Summary

RD2031	Total LMA Miles		13.19									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	M *				M							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	0.02		0.02	0.15	0.02		0.02	0.15				0.00
Trim / Thin Trees	0.62		0.62	4.70	0.61		0.61	4.63	-0.01		-0.01	-0.08
Encroachments	0.01		0.01	0.08	0.52		0.52	3.94	0.51		0.51	3.87
Animal Control	0.03	0.01	0.07	0.53	0.14	0.03	0.26	1.97	0.11	0.02	0.19	1.44
Erosion / Bank Caving	0.03	0.01	0.07	0.53	0.03	0.01	0.07	0.53				0.00
Crown Surface / Depressions / Rutting	0.02		0.02	0.15	0.07		0.07	0.53	0.05		0.05	0.38
Seepage / Sandboils		0.01	0.04	0.30						-0.01	-0.04	-0.30
<i>Interior Drainage & Piping Systems</i>												
Flap Gates						0.01	0.04	0.30		0.01	0.04	0.30
<i>Supplemental</i>												
DWR Erosion Survey	0.04		0.04	0.30	0.04		0.04	0.30				0.00
LMA Totals:	0.77	0.03	0.89	6.75*	1.43	0.05	1.63	12.36	0.66	0.02	0.74	5.61

* Overall LMA Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall LMA Rating is M instead of A.

RD 2031

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

DWR San Joaquin River Erosion Summary

Unit No. 01 Stanislaus River, LB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Issue Type	Status	Rating
RD2031U01RM0.48	0.48	0.47	0.50	Maintenance Erosion	Existing Site	M

Unit No. 02 San Joaquin River, RB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Issue Type	Status	Rating
RD2031U01RM0.48	78.7	4.33	4.37	Maintenance Erosion	Not Rated	W

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 2031 - Elliot	13.03	Active		N/A

DWR Summary of Local Maintaining Agency Report

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 was 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 was 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 was 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 was 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 CVFPB or DWR

No information was provided by the Agency for Part 5.

Reclamation District No. 2058 Pescadaro

RD 2058

San Joaquin County

Contact

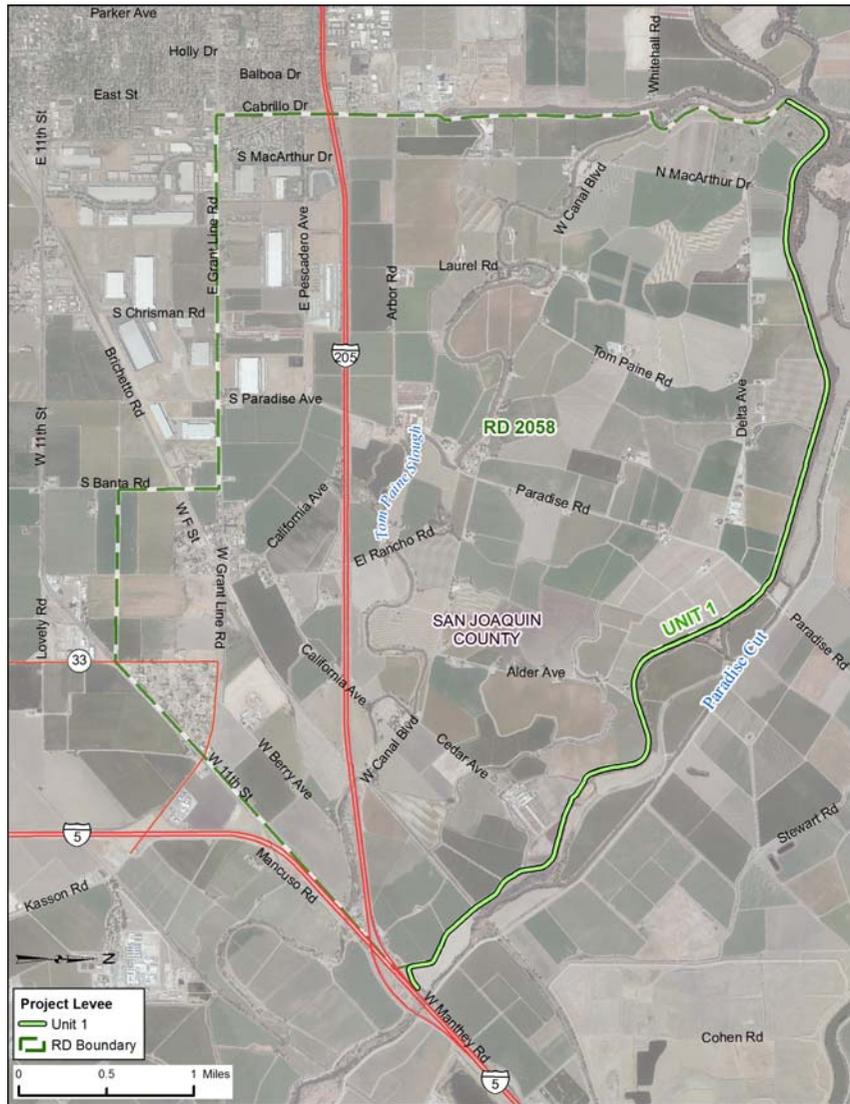
Nat Bacchetti

District Office • 3650 West Canal Boulevard

Tracy CA 95304

Phone: (209) 835-2293

RD 2058



Levee Short Name : RD2058

Bank Unit Length (Miles)

Unit No. 01 Paradise Cut

LB

6.71

Threat Assessment & Recommendations

- The LMA should continue to maintain the area at the high level seen during the last inspection.
- The LMA should focus more on controlling vegetation to maintain visibility and access.

SAN JOAQUIN SYSTEM : Reclamation District No. 2058 Pescadero

DWR Levee Inspection Summary

RD2058	Total LMA Miles		6.71									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	U				A							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	4.17	0.02	4.25	63.34	0.06		0.06	0.89	-4.11	-0.02	-4.19	-62.44
Trim / Thin Trees	0.19		0.19	2.83					-0.19		-0.19	-2.83
Encroachments	0.01	0.01	0.05	0.75	0.01		0.01	0.15		-0.01	-0.04	-0.60
Animal Control					0.01		0.01	0.15	0.01		0.01	0.15
<i>Supplemental</i>												
DWR Erosion Survey	0.05		0.05	0.75	0.05		0.05	0.75				0.00
<i>LMA Totals:</i>	4.42	0.03	4.54	67.66	0.13	0.00	0.13	1.94	-4.29	-0.03	-4.41	-65.72

RD 2058

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

DWR San Joaquin River Erosion Summary

Unit No. 01 Paradise Cut, LB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Issue Type	Status	Rating
RD2058U01RM1.78	1.78	2.15	2.15	Maintenance Erosion	Existing Site	M
RD2058U01RM1.78	3.97	4.49	4.53	Maintenance Erosion	Existing Site	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 2058 and RD 2095 - Paradise Cut	11.45	Active		Pending

DWR Summary of Local Maintaining Agency Report

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 trimming of trees at Unit 1, LM 0 to 6.57 was not permitted by the U.S. Fish and Wildlife and the Agency was only given verbal permission for grazing. The Agency also stated that elderberries could not be touched as restricted by the U.S. Fish and Wildlife. The Agency reported erosion at Unit 1, LM 0 to 6.57 and stated that the U.S. Fish and Wildlife has only given verbal permission for specified approved bait stations.

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 restrictions imposed by other agencies are preventing the Agency to comply with DWR's maintenance requirements.

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

The Agency reported grazing of the entire levee and rodent control on need basis. The Agency also reported corrected or ongoing corrective actions in response to DWR inspection comments. The corrected actions included encroachment 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 planned for all levee units. Expenses include costs of vegetation and rodent control. The reported total estimated cost for the current fiscal year is \$32,200.

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

The Agency reported maintenance restrictions imposed by the California Department of Fish and Game since 2001 and the U.S. Fish and Wildlife since 2009/2010.

RD 2058

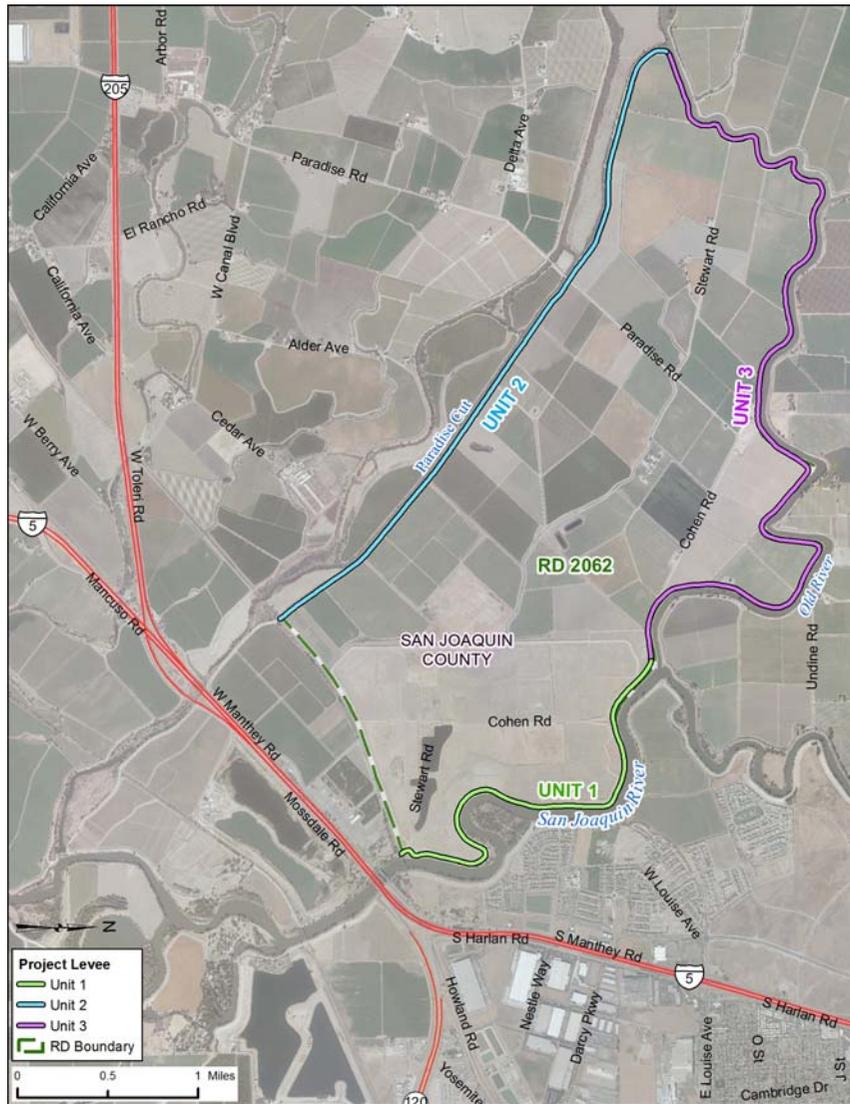
Reclamation District No. 2062 Stewart

RD 2062

San Joaquin County

Contact

Susan Dell-Osso
District Office • 73 West Stewart Road
Lathrop CA 95330
Phone: (209) 879-7900



Levee Short Name : RD2062

Bank Unit Length (Miles)

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

Threat Assessment & Recommendations

- There are one or more encroachments that may significantly impact the integrity of the levee in this Area.
- The LMA should work with landowners and the CVFPB to control unauthorized encroachments.
- The LMA should focus more on controlling vegetation to maintain visibility and access.

DWR Levee Inspection Summary

RD2062	Total LMA Miles		12.35									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	U				U							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	0.01		0.01	0.08	1.26		1.26	10.20	1.25		1.25	10.12
Trim / Thin Trees					0.02		0.02	0.16	0.02		0.02	0.16
Encroachments	1.81		1.81	14.66	1.80		1.80	14.58	-0.01		-0.01	-0.08
Animal Control	0.09		0.09	0.73	0.10		0.10	0.81	0.01		0.01	0.08
Slope Stability	0.01		0.01	0.08	0.02		0.02	0.16	0.01		0.01	0.08
Erosion / Bank Caving	0.03		0.03	0.24	0.03		0.03	0.24				0.00
Crown Surface / Depressions / Rutting	0.01	0.22	0.89	7.21		0.22	0.88	7.13	-0.01		-0.01	-0.08
<i>Supplemental</i>												
DWR Erosion Survey	0.15	0.21	0.99	8.02	0.17	0.19	0.93	7.53	0.02	-0.02	-0.06	-0.49
<i>LMA Totals:</i>	2.11	0.43	3.83	31.01	3.40	0.41	5.04	40.81	1.29	-0.02	1.21	9.80

RD 2062

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

SAN JOAQUIN SYSTEM : Reclamation District No. 2062 Stewart

DWR San Joaquin River Erosion Summary

Unit No. 01 San Joaquin River, LB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Issue Type	Status	Rating
RD2062U01RM54.14	54.14	0.91	0.91	Maintenance Erosion	Existing Site	M

Unit No. 02 Paradise Cut, RB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Issue Type	Status	Rating
RD2062U01RM54.14	2.14	3.27	3.28	Maintenance Erosion	Existing Site	M
RD2062U01RM54.14	1.94	3.44	3.53	Maintenance Erosion	Existing Site	M

Unit No. 03 Old River, LB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Issue Type	Status	Rating
RD2062U01RM54.14	29.93	-0.03	0.07	Maintenance Erosion	Existing Site	U
RD2062U01RM54.14	30.02	0.10	0.11	Maintenance Erosion	Existing Site	M
RD2062U01RM54.14	30.1	0.18	0.18	Maintenance Erosion	Existing Site	M
RD2062U01RM54.14	30.19	0.23	0.32	Maintenance Erosion	Existing Site	U
RD2062U01RM54.14	30.27	0.35	0.35	Maintenance Erosion	Existing Site	M
RD2062U01RM54.14	30.43	0.56	0.57	Maintenance Erosion	Existing Site	U
RD2062U01RM54.14	31.12	1.20	1.21	Maintenance Erosion	Existing Site	M
RD2062U01RM54.14	31.28	1.42	1.43	Maintenance Erosion	Existing Site	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 2062 and RD 2107 - Stewart Tract	16.26	Active		Pending

RD 2062

DWR Summary of Local Maintaining Agency Report

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 new information is known beyond the information contained in DWR's Spring and Fall Inspection Reports. The Spring 2012 Levee Inspection Report provided unacceptable rating for crown surface depression/rutting at Levee Unit 1, LM 1.18 to 1.40 and for erosion at Levee Unit 3, LM .03 to .07, 0.18, 0.23 to 0.32, 0.35 and 0.56 to 0.57.

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 new information is known beyond the information contained in DWR's Spring and Fall Inspection Reports. The Spring 2012 Levee Inspection Report provided unacceptable rating for crown surface depression/rutting at Levee Unit 1, LM 1.18 to 1.40 and for erosion at Levee Unit 3, LM .03 to .07, 0.18, 0.23 to 0.32, 0.35 and 0.56 to 0.57.

RD 2062

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 included disking of levee slopes, inspection, roadway maintenance, rodent baiting and trapping, tree trimming, and 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 planned for all levee units. Expenses include costs of erosion repair, inspection and patrolling, roadway grading and maintenance, rodent baiting and trapping, tree trimming and pruning, and vegetation control by minor disking or mowing, grazing and spraying. The reported total estimated cost for the current fiscal year is \$137,500.

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 CVFPB or DWR

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

**Reclamation District
No. 2063
Crows Landing**

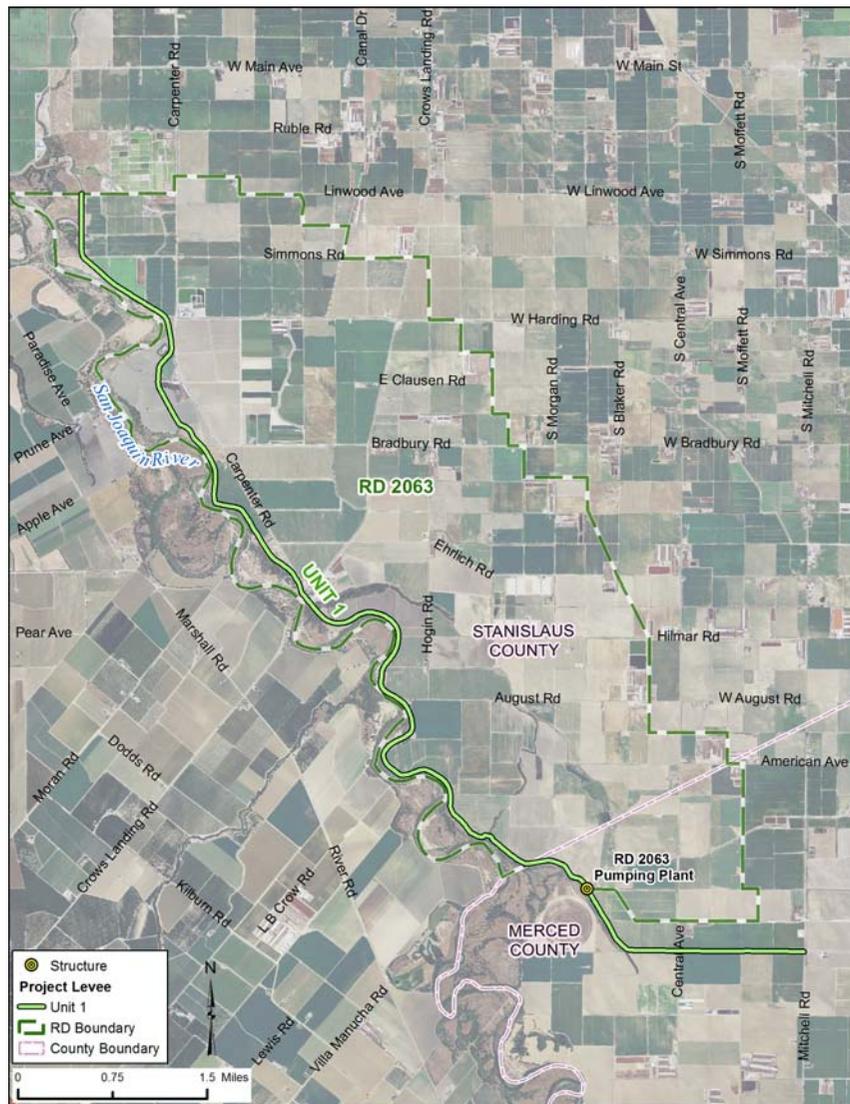
RD 2063

**Merced County
Stanislaus County**

Contact

Joe Sallaberry
5780 South Central
Turlock CA 95380
Phone: (209) 587-2305

RD 2063



Levee Short Name : RD2063

Bank Unit Length (Miles)

Unit No. 01 San Joaquin River

RB

10.63

Threat Assessment & Recommendations

- The crown roadway in this Area may not be able to be driven in all types of weather.
- The LMA should ensure that the levee crown and access roads are able to be driven in all weather conditions.
- The LMA should focus more on controlling vegetation to maintain visibility and access.
- A SPFC structure in this Area has conditions that may significantly impact its performance.
- The LMA should ensure that the SPFC structure is able to perform as designed and constructed.

SAN JOAQUIN SYSTEM : Reclamation District No. 2063 Crows Landing

DWR Levee Inspection Summary

RD2063	Total LMA Miles		10.63									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	U				U							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	2.03		2.03	19.10	1.10		1.10	10.35	-0.93		-0.93	-8.75
Trim / Thin Trees	0.03		0.03	0.28					-0.03		-0.03	-0.28
Encroachments	0.12	0.01	0.16	1.51					-0.12	-0.01	-0.16	-1.51
Animal Control	0.11		0.11	1.04	0.11		0.11	1.04	0.00			0.00
Slope Stability	0.01		0.01	0.09					-0.01		-0.01	-0.09
Erosion / Bank Caving		0.16	0.64	6.02	0.02	0.01	0.06	0.56	0.02	-0.15	-0.58	-5.46
Crown Surface / Depressions / Rutting	10.58		10.58	99.53	10.58		10.58	99.53				0.00
<i>LMA Totals:</i>	12.88	0.17	13.56	127.56	11.81	0.01	11.85	111.48	-1.07	-0.16	-1.71	-16.09

RD 2063

DWR Structure Inspection Summary

Structure Name	Overall Rating
Reclamation District No. 2063 Pumping Plant (Nelson Drain)	U

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

DWR San Joaquin River Erosion Summary

Unit No. 01 San Joaquin River, RB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Issue Type	Status	Rating
RD2063U01RM103.49	103.49	3.07	3.26	River Erosion	Repaired Site	C

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 2091 and RD 2063 - Chase and Crows Landing	18.19	Partial Inactive	01/18/2008	U

DWR Summary of Local Maintaining Agency Report

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 tree trimming along entire length of 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 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 erosion repair, gate repair, minor structural repair including pipe removal, rodent baiting and trapping, slope dragging, tree removal, thinning and trimming, and vegetation burning. The Agency also reported corrected and ongoing corrective actions in response to DWR inspection comments. The corrected actions included encroachment control, erosion and levee slope repair, rodent control, tree thinning and trimming, 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 planned for all levee units. Expenses include costs of erosion repair, legal services, insurance, minor structure maintenance, and vegetation control. The reported total estimated cost for the current fiscal year is \$83,000.

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 CVFPB or DWR

The Agency reported that Turlock Irrigation District (TID) has cut a ramp for access and the Agency has asked TID to repair it. However, the Agency believes the ramp does not impair the integrity of the levee. The Agency also reported a need for fixing the encroachment due to agricultural ditch that encroached into the berm and toe of the Project Levee. The Agency also noted conflict among governing agencies' guidance to the Agency on levee maintenance.

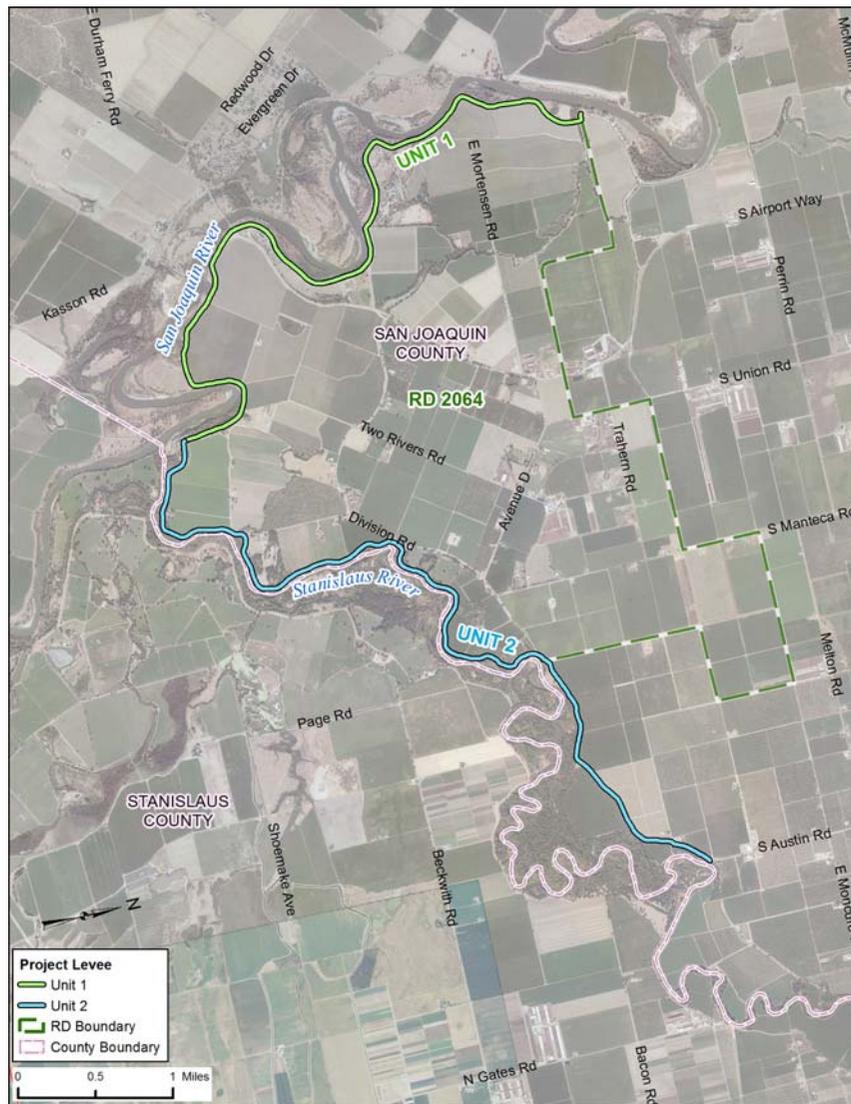
Reclamation District No. 2064 River Junction

San Joaquin County

Contact

Don Moretti
District Office • PO Box 690695
Stockton CA 95269
Phone: (209) 239-2963

RD 2064



Levee Short Name : RD2064

Bank Unit Length (Miles)

Unit No. 01 San Joaquin River	RB	5.70
Unit No. 02 Stanislaus River	RB	6.20

Threat Assessment & Recommendations

- The crown roadway in this Area may not be able to be driven in all types of weather.
- The LMA should ensure that the levee crown and access roads are able to be driven in all weather conditions.
- The LMA should ensure that the levee crown and access roads are able to be driven in all weather conditions.

SAN JOAQUIN SYSTEM : Reclamation District No. 2064 River Junction

DWR Levee Inspection Summary

RD2064	Total LMA Miles		11.90									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	U				A							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	6.93		6.93	58.24					-6.93		-6.93	-58.24
Encroachments	0.09	0.20	0.89	7.48					-0.09	-0.20	-0.89	-7.48
Crown Surface / Depressions / Rutting					0.97		0.97	8.15	0.97		0.97	8.15
<i>LMA Totals:</i>	7.02	0.20	7.82	65.71	0.97	0.00	0.97	8.15	-6.05	-0.20	-6.85	-57.56

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

RD 2064

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

DWR San Joaquin River Erosion Summary

No Supplemental Erosion Sites.

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 0017, 2094, 2096, 2075, 2064 - SJ River East	38.45	Active	12/17/2010	U

DWR Summary of Local Maintaining Agency Report

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 in most of Levee Unit 1 and some parts of Levee Unit 2 during high flows in San Joaquin and Stanislaus Rivers. The Agency mentioned of sand boils occurring during high water with its occurrences increasing with water level. The Agency also mentioned that beavers have blocked one closure structure in the Drainage Slough from time to time and also reported ongoing rodent problem.

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 in most of Levee Unit 1 and some parts of Levee Unit 2 during high flows in San Joaquin and Stanislaus Rivers. The Agency also mentioned of sand boils occurring during high water with the number of occurrences increasing with water level. The Agency also mentioned that beavers have blocked one closure structure in the Drainage Slough from time to time and also reported ongoing rodent problem.

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

The Agency reported that very little maintenance work was performed in the previous fiscal year due to lack of funding resulting from the failure of passage of Proposition 218. The Agency also reported the passage of Proposition 218 in April 2012 and start of the regular maintenance works from July, 2012.

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 planned for all levee units. Expenses include costs of encroachment control, erosion repair, gate repair, inspections, minor structure repairs/maintenance, patrolling, permitting, restoration, roadway maintenance, rodent control, sediment removal, seepage control, slope dragging, surveying/engineering, tree removal, and vegetation mowing, spraying, thinning and trimming. The reported total estimated cost for the levee maintenance for the current fiscal year is \$40,000, while the total cost for all activities and expenses of the LMA is \$159,000.

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 CVFPB or DWR

The Agency provided information on the levee breaks that have occurred in RD 2064 since 1955 - two on the Stanislaus and three on the San Joaquin River above the Airport Way Bridge. The Agency mentioned that the bridge acts as a choke point in the river causing sediment built up that can eventually cause levee failure in extended high water events. The Agency also mentioned that levee encroachment is causing high legal and engineering/surveying expenses to the District.

**Reclamation District
No. 2075
McMullin**

San Joaquin County

RD 2075

Contact

Eddy Cardoza
311 East Main Street Suite 504
Stockton CA 95202
Phone: (209) 943-5551



Levee Short Name : RD2075	Bank	Unit Length (Miles)
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Unit No. 01 San Joaquin River	RB	7.52
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Threat Assessment & Recommendations

- There is vegetation that significantly impacts access and visibility in this Area.
- The LMA should focus more on controlling vegetation to maintain visibility and access.

DWR Levee Inspection Summary

RD2075	Total LMA Miles		7.52									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	M				U							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	0.71		0.71	9.44	14.41	0.02	14.49	192.69	13.70	0.02	13.78	183.25
Trim / Thin Trees	0.04		0.04	0.53	0.03		0.03	0.40	-0.01		-0.01	-0.13
Crown Surface / Depressions / Rutting	0.01		0.01	0.13					-0.01		-0.01	-0.13
Operations & Maintenance Manuals					0.08		0.08	1.06	0.08		0.08	1.06
Flood Preparedness & Training					0.08		0.08	1.06	0.08		0.08	1.06
<i>Supplemental</i>												
DWR Erosion Survey		0.01	0.04	0.53	0.01		0.01	0.13	0.01	-0.01	-0.03	-0.40
<i>LMA Totals:</i>	0.76	0.01	0.80	10.64	14.60	0.02	14.68	195.21	13.84	0.01	13.89	184.57

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

RD 2075

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

DWR San Joaquin River Erosion Summary

Unit No. 01 San Joaquin River, RB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Issue Type	Status	Rating
RD2075U01RM64.34	64.34	5.34	5.35	River Erosion	Existing Site	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 0017, 2094, 2096, 2075, 2064 - SJ River East	38.45	Active	12/17/2010	U

DWR Summary of Local Maintaining Agency Report

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 on the Agency's regular maintenance activities. The activities include corrective actions to address maintenance deficiencies, roadway maintenance, and tree chopping and pruning as per DWR's Interim Vegetation Policy.

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 was 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 performed for all levee units and the location of these activities. Activities included ditch maintenance and vegetation control. The reported total expenditure for the previous fiscal year was \$59,110.

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 stated that by the time of reporting the District had not met to approve budget for the current fiscal year.

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

No information was provided by the Agency for Part 5.

RD 2075

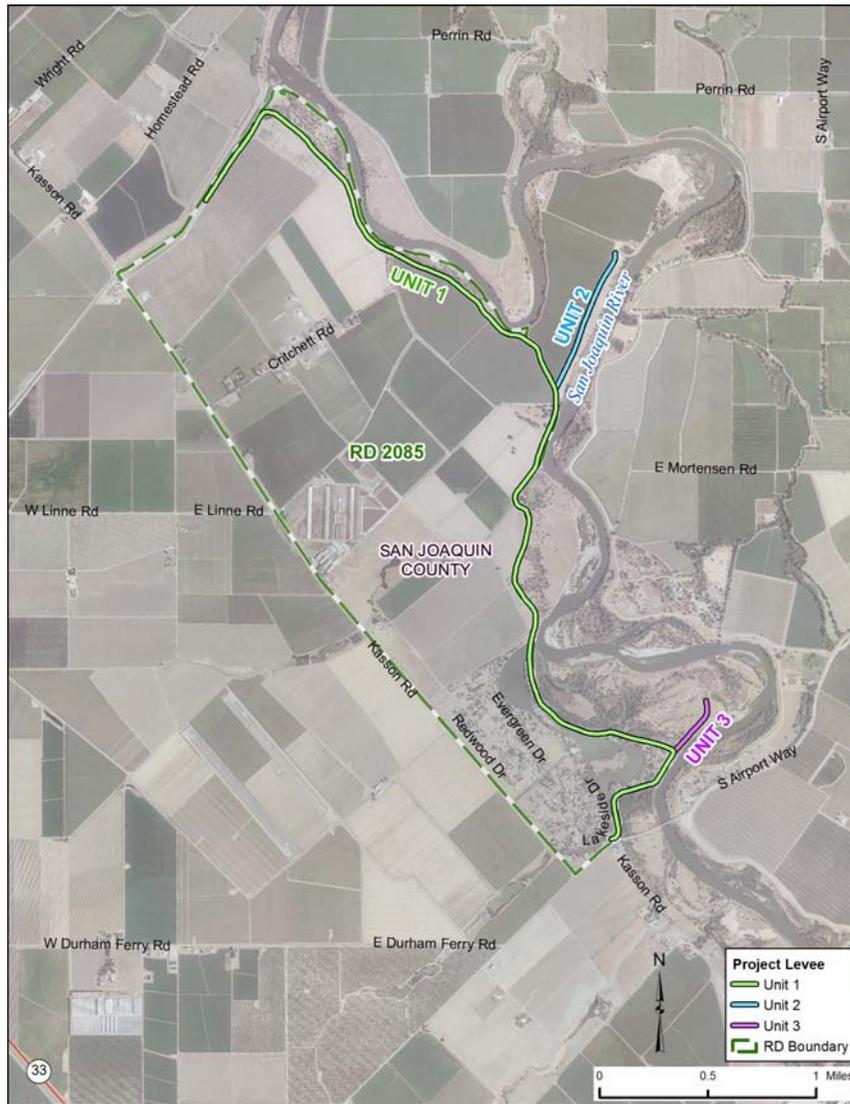
Reclamation District No. 2085 Kasson

San Joaquin County

RD 2085

Contact

Ralph Timan
7541 West Rena
Tracy CA 95304
Phone: (209) 241-6793



Levee Short Name : RD2085

Bank Unit Length (Miles)

Unit No.	Bank	Unit Length (Miles)
01 San Joaquin River	LB	5.20
02 San Joaquin River		0.69
03 San Joaquin River		0.29

Threat Assessment & Recommendations

- There is vegetation that significantly impacts access and visibility in this Area.
- The LMA should focus more on controlling vegetation to maintain visibility and access.
- The LMA should enhance its rodent control program.

SAN JOAQUIN SYSTEM : Reclamation District No. 2085 Kasson

DWR Levee Inspection Summary

RD2085	Total LMA Miles		6.18									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	U				U							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	5.26		5.26	85.11	2.60		2.60	42.07	-2.66		-2.66	-43.04
Trim / Thin Trees	0.25		0.25	4.05	0.25		0.25	4.05				0.00
Encroachments	0.34	0.01	0.38	6.15	0.04	0.01	0.08	1.29	-0.30		-0.30	-4.85
Animal Control	0.07		0.07	1.13	0.08		0.08	1.29	0.01		0.01	0.16
<i>Supplemental</i>												
DWR Erosion Survey						0.02	0.08	1.29		0.02	0.08	1.29
LMA Totals:	5.92	0.01	5.96	96.44	2.97	0.03	3.09	50.00	-2.95	0.02	-2.87	-46.44

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

DWR San Joaquin River Erosion Summary

Unit No. 01 San Joaquin River, LB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Issue Type	Status	Rating
RD2085U01RM66.5	66.5	2.24	2.26	River Erosion	Existing Site	U
RD2085U01RM66.5	67.7	3.58	3.71	River Erosion	Not Rated	W

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 2085 - Kasson District	6.27	Active		N/A

RD 2085

DWR Summary of Local Maintaining Agency Report

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 ongoing trespassing, animal burrows, and vegetation maintenance issues.

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 an erosion site on Levee Unit 1 at LM 3.64.

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 included general administration, legal and management services, permitting, rodent control, and vegetation 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 planned for all levee units. Expenses include costs of accounting, California Department of Fish and Game Resource Management Agreement fees, engineering, gate maintenance, insurance, legal and administrative services, permits, road grading, rodent control, and vegetation control. The reported total estimated cost for the current fiscal year is \$68,349.

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

No information was provided by the Agency for Part 5.

**Reclamation District
No. 2089
Stark**

San Joaquin County

RD 2089

Contact

Michael Gikas
311 East Main Street Suite 504
Stockton CA 95202
Phone: (209) 943-5551



Levee Short Name : RD2089

Bank Unit Length (Miles)

Unit No. 01 Old River	RB	1.53
Unit No. 02 Salmon Slough	RB	1.37

Threat Assessment & Recommendations

- There is vegetation that significantly impacts access and visibility in this Area.
- The LMA should focus more on controlling vegetation to maintain visibility and access.
- The LMA should enhance its rodent control program.

DWR Levee Inspection Summary

RD2089	Total LMA Miles		2.90									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	U				U							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	1.20	1.30	6.40	220.69	1.20	1.30	6.40	220.69				0.00
Trim / Thin Trees	0.27	0.15	0.87	30.00	0.28	0.14	0.84	28.97	0.01	-0.01	-0.03	-1.03
Encroachments	0.06	0.01	0.10	3.45	0.07	0.01	0.11	3.79	0.01		0.01	0.34
Animal Control	0.08	0.06	0.32	11.03	0.09	0.06	0.33	11.38	0.01		0.01	0.34
Crown Surface / Depressions / Rutting	0.05		0.05	1.72	0.05		0.05	1.72				0.00
<i>Supplemental</i>												
DWR Erosion Survey	0.01	0.02	0.09	3.10	0.01	0.02	0.09	3.10				0.00
LMA Totals:	1.67	1.54	7.83	270.00	1.70	1.53	7.82	269.66	0.03	-0.01	-0.01	-0.34

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

RD 2089

DWR San Joaquin River Erosion Summary

Unit No. 01 Old River, RB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Issue Type	Status	Rating
RD2089U01RM29.95	29.95	0.30	0.31	River Erosion	Repaired Site	C
RD2089U01RM29.95	29.8	0.45	0.45	River Erosion	Existing Site	M
RD2089U01RM29.95	29.61	0.66	0.66	River Erosion	Existing Site	U

Unit No. 02 Salmon Slough, RB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Issue Type	Status	Rating
RD2089U01RM29.95	28.35	0.42	0.43	River Erosion	Existing Site	U

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 0001 and RD 2089 - Union Island	3.92	Active		Pending

DWR Summary of Local Maintaining Agency Report

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 concurred with the information contained in the Spring 2012 Levee Inspection Report. The Spring 2012 Levee Inspection Report provided unacceptable rating for animal control, encroachment, and vegetation at various locations of all levee units. The Spring 2012 Inspection Report also provided unacceptable rating for erosion at Levee Unit 1, LM 0.66 and Levee Unit 2, LM 0.42 to 0.43.

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 concurred with the information contained in the Spring 2012 Levee Inspection Report. The Spring 2012 Levee Inspection Report provided unacceptable rating for animal control, encroachment, and vegetation at various locations of all levee units. The Spring 2012 Inspection Report also provided unacceptable rating for erosion at Levee Unit 1, LM 0.66 and Levee Unit 2, LM 0.42 to 0.43.

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

The Agency referred to Inspection Items/Corrective Action submitted for Summer 2012 Inspection Report for a summary of maintenance activities. The Agency also reported corrected and ongoing corrective actions in response to DWR inspection comments. The corrective actions include encroachment control, levee crown surface maintenance, rodent control, tree thinning and trimming, and vegetation control. The Agency also provided the annual routine maintenance cost for the previous fiscal year as \$21,452.

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 referred to the fiscal year 2012-2013 application to the Delta Levee Subventions Program which provided a summary of maintenance activities planned for 0.7 miles of Non-Project Levee and 2.8 miles of Project Levee. Activities include encroachment control, erosion repair, flood emergency planning, inspection, levee drainage control, levee profile and corss sections, program management, roadway grading and repair, rodent control, vegetation control, and waterside slope protection. The reported anticipated maintenance budget for the current 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 CVFPB or DWR

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

Reclamation District No. 2091 Chase

Stanislaus County

RD 2091

Contact

Wendel Trinkler, Jr
District Office • 7007 Jennings Road
Modesto CA 95358
Phone: (209) 537-9883

DWR Levee Inspection Summary

RD2091	Total LMA Miles		7.92									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	M *				A							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation					0.04		0.04	0.51	0.04		0.04	0.51
Trim / Thin Trees	0.01		0.01	0.13	0.04		0.04	0.51	0.03		0.03	0.38
Animal Control	0.01		0.01	0.13	0.08		0.08	1.01	0.07		0.07	0.88
Slope Stability		0.01	0.04	0.51						-0.01	-0.04	-0.51
<i>LMA Totals:</i>	0.02	0.01	0.06	0.76*	0.16	0.00	0.16	2.02	0.14	-0.01	0.10	1.26

* Overall LMA Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall LMA Rating is M instead of A.

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

RD 2091

DWR San Joaquin River Erosion Summary

No Supplemental Erosion Sites.

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 2091 and RD 2063 - Chase and Crows Landing	18.19	Partial Inactive	01/18/2008	U

DWR Summary of Local Maintaining Agency Report

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 100-foot long and 5 to 7-foot wide erosion site at Levee Unit 1, LM 1.5 and mentioned there was no issue to report for Levee Unit 2.

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 were no issues to report for both levee units.

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 included inspection, roadway maintenance, rodent control, and vegetation control- burning, disking, slope dragging, spraying, thinning 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 planned for all levee units. Expenses include costs of erosion control, flood preparedness, inspections, minor structure repair, roadway maintenance, rodent control, slope dragging, tree trimming, and vegetation burning and spraying. The reported total estimated cost for the current fiscal year is \$45,877.

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

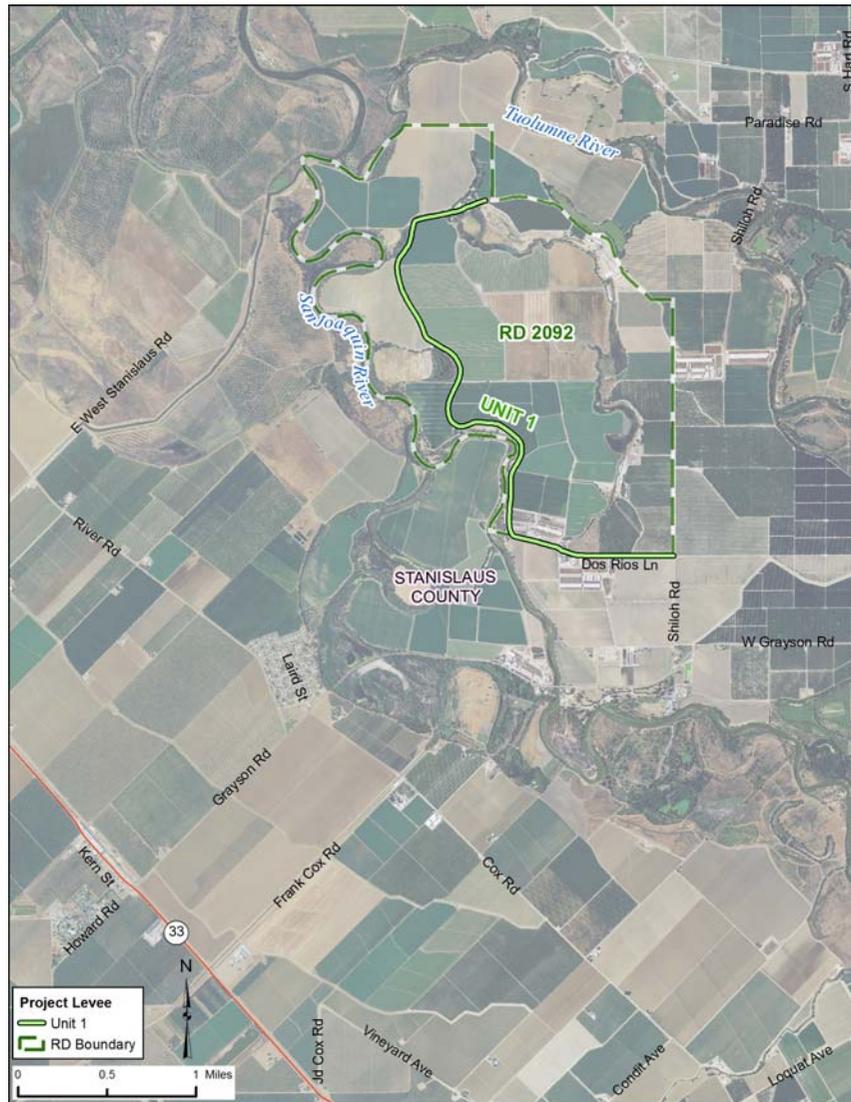
The Agency stated that there was no new information to report.

Reclamation District No. 2092 Dos Rios

Stanislaus County

Contact

John Carlon
580 Vallombrosa Avenue
Chico CA 95926
Phone: (530) 894-5401



Levee Short Name : RD2092

Bank Unit Length (Miles)

Unit No. 01 San Joaquin River

RB

3.76

Threat Assessment & Recommendations

- There is significant rodent activity in this Area.
- The LMA should focus more on backfilling rodent holes.

DWR Levee Inspection Summary

RD2092	Total LMA Miles		3.76									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	M *				A							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Encroachments					0.01		0.01	0.27	0.01		0.01	0.27
Animal Control	0.12		0.12	3.19	0.04		0.04	1.06	-0.08		-0.08	-2.13
Slope Stability	0.05		0.05	1.33	0.01		0.01	0.27	-0.04		-0.04	-1.06
Crown Surface / Depressions / Rutting	0.01		0.01	0.27					-0.01		-0.01	-0.27
Seepage / Sandboils		0.01	0.04	1.06						-0.01	-0.04	-1.06
Emergency Supplies & Equipment					0.04		0.04	1.06	0.04		0.04	1.06
Flood Preparedness & Training					0.04		0.04	1.06	0.04		0.04	1.06
<i>LMA Totals:</i>	0.18	0.01	0.22	5.85*	0.14	0.00	0.14	3.72	-0.04	-0.01	-0.08	-2.13

* Overall LMA Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall LMA Rating is M instead of A.

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

DWR San Joaquin River Erosion Summary

Unit No. 01 San Joaquin River, RB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Issue Type	Status	Rating
RD2092U01RM84.6	84.6	1.55	1.69	Maintenance Erosion	Repaired Site	C

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 2092 - Dos Rios Ranch	3.63	Active		N/A

DWR Summary of Local Maintaining Agency Report

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, levee crown shape, rodent burrows and slope instability issues at various locations of the Levee Unit.

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 presence of rodent burrowing holes and a levee slope damage by livestock at various locations on the levee unit. The Agency also reported that a sand boil had occurred on landside levee toe at an unspecified location due to a leaking underground pipe.

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

The Agency reported that corrective actions in response to DWR inspection comments to address maintenance deficiencies were pending and stated that no maintenance activities had occurred at the time of reporting.

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 an anticipated list of maintenance activities planned for all levee units. The anticipated maintenance activities include encroachment control, erosion repair, inspections, and vegetation control. The Agency also provided total estimated cost of \$9,000 for backfilling burrows, and vegetation control for the current fiscal year.

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

The Agency reported a number of encroachments by agricultural ditches and fences on Levee Unit 1.

Reclamation District No. 2094 Wathal

San Joaquin County

Contact

Brian Mizuno
PO Box 871
Manteca CA 95336
Phone: (209) 239-4014



Levee Short Name : RD2094

Bank Unit Length (Miles)

Unit No. 01 San Joaquin River	RB	2.82
Unit No. 02 San Joaquin River		0.46

Threat Assessment & Recommendations

- The LMA should continue to maintain the area at the high level seen during the last inspection.

DWR Levee Inspection Summary

RD2094	Total LMA Miles		3.28									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	A				A							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>LMA Totals:</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

DWR San Joaquin River Erosion Summary

No Supplemental Erosion Sites.

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 0017, 2094, 2096, 2075, 2064 - SJ River East	38.45	Active	12/17/2010	U

DWR Summary of Local Maintaining Agency Report

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 during high water at Levee Unit 1 between LM 0 to 2.82. The Agency also reported steep landslide slope at Levee Unit 1 between LM 0.6 to 0.69 from 1997 reconstruction.

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 and rodent issues throughout Levee Unit 1 and identified an unauthorized levee built adjacent to the Project Levee at Levee Unit 1, LM 0.20. The Agency also reported river bank erosion at Levee Unit 2 due to river course changes.

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. Activities included roadway maintenance, slope dragging, and vegetation spraying. The reported total cost for roadway maintenance and vegetation spraying in the previous fiscal year was \$4275.

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 planned for all levee units. Expenses include costs of roadway maintenance and vegetation control. The reported total estimated cost for the current fiscal year is \$8,850.

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

The Agency reported a historical construction issue of the landside levee slope being too steep at Levee Unit 1, LM 0.6 to 0.69. The Agency noted that an unauthorized levee at Levee Unit 1 changes the course of the river during high flows. The Agency also reported that a change in river flow is affecting river bank near the Levee Unit 2.

Reclamation District No. 2095 Paradise Cut

San Joaquin County

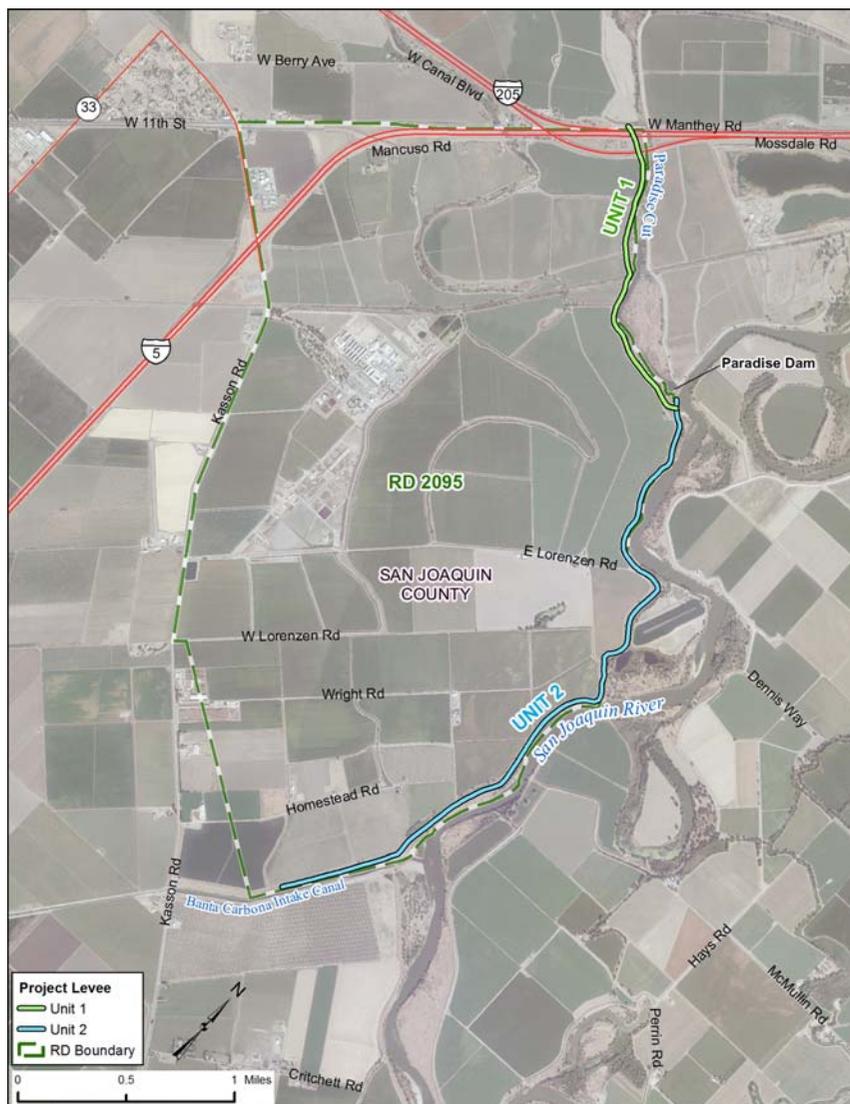
Contact

Bob Pombo

7541 West Rena

Tracy CA 95304

Phone: (209) 481-4136



Levee Short Name : RD2095

Bank Unit Length (Miles)

Unit No. 01 Paradise Cut	LB	1.45
Unit No. 02 San Joaquin River	LB	3.38

Threat Assessment & Recommendations

- There is erosion occurring in this Area that should be monitored.
- The LMA should focus on repairing erosion sites.
- The LMA should ensure that the levee crown and access roads are able to be driven in all weather conditions.

SAN JOAQUIN SYSTEM : Reclamation District No. 2095 Paradise Cut

DWR Levee Inspection Summary

RD2095	Total LMA Miles		4.83									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	M *				M							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	0.05	0.01	0.09	1.86	0.05	0.01	0.09	1.86				0.00
Trim / Thin Trees					0.01		0.01	0.21	0.01		0.01	0.21
Encroachments					0.01		0.01	0.21	0.01		0.01	0.21
Slope Stability					0.01		0.01	0.21	0.01		0.01	0.21
Crown Surface / Depressions / Rutting					0.33		0.33	6.83	0.33		0.33	6.83
<i>Supplemental</i>												
DWR Erosion Survey	0.05	0.05	0.25	5.18	0.09	0.01	0.13	2.69	0.04	-0.04	-0.12	-2.48
LMA Totals:	0.10	0.06	0.34	7.04*	0.50	0.02	0.58	12.01	0.40	-0.04	0.24	4.97

* Overall LMA Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall LMA Rating is M instead of A.

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

DWR San Joaquin River Erosion Summary

Unit No. 01 Paradise Cut, LB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Issue Type	Status	Rating
RD2095U01RM6.74	6.74	0.73	0.74	River Erosion	Existing Site	M
RD2095U01RM6.74	6.88	0.86	0.86	River Erosion	Existing Site	U

Unit No. 02 San Joaquin River, LB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Issue Type	Status	Rating
RD2095U01RM6.74	60.62	1.77	1.80	River Erosion	Existing Site	M
RD2095U01RM6.74	60.69	1.85	1.89	River Erosion	Existing Site	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 2058 and RD 2095 - Paradise Cut	11.45	Active		Pending

DWR Summary of Local Maintaining Agency Report

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 slope instability issue on the landside of the Levee Unit 1, LM 1.18. The Agency also reported trespassing issues throughout the District and vegetation issues at some locations at Levee Unit 2.

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 sites at Levee Unit 1, LM 0.73 to 0.74 and 0.86, and at Levee Unit 2, LM 1.77 to 1.8 and 1.85 to 1.89.

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 included encroachment control, rodent control, and 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 planned for all levee units. Expenses include costs of engineering, Fish & Game Resource Management Agreement fees, flood fight/highwater monitoring, insurance, legal and administrative services, maintenance, office supplies, and repairs. The reported total estimated cost for the current fiscal year is \$43,050.

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

The Agency reported the Resource Management Agreement with the California Department of Fish and Game and a 2011-01 encroachment permit.

RD 2095

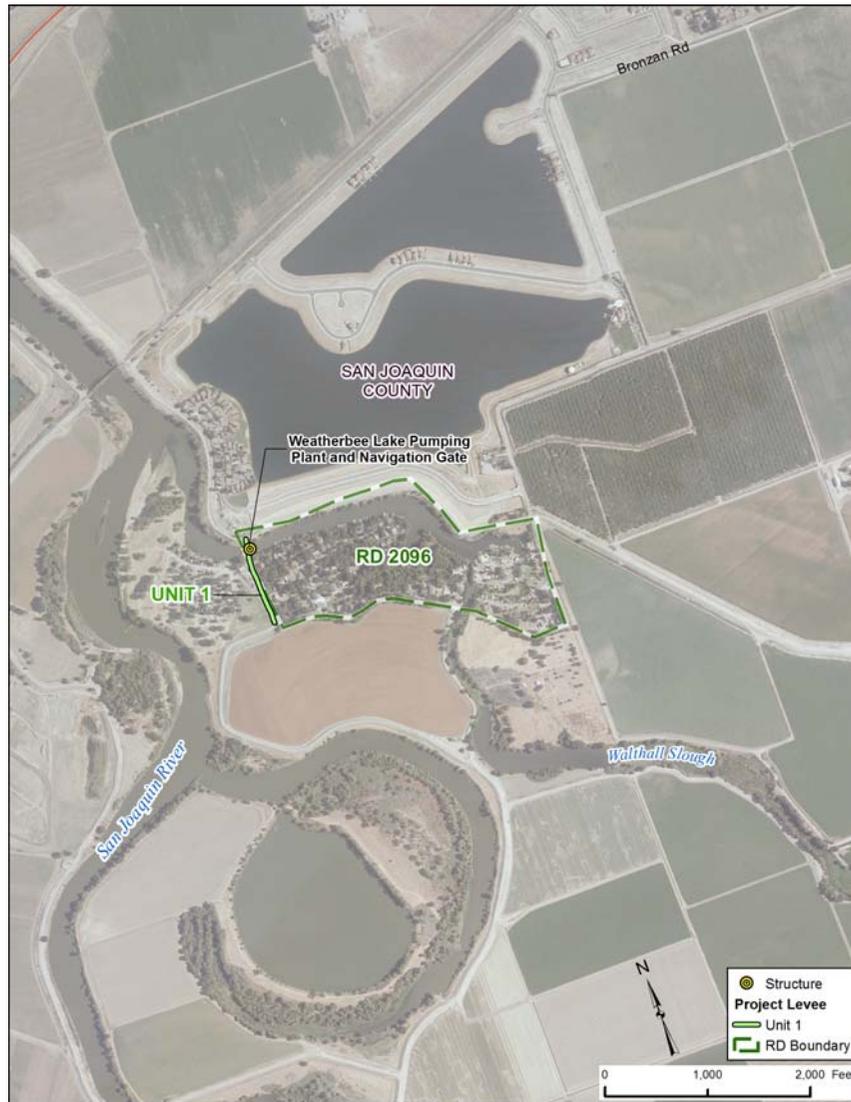
Reclamation District No. 2096

Wetherbee Lake

San Joaquin County

Contact

Randy Barker
District Office • PO Box 909
Manteca CA 95336
Phone: (209) 401-6741



Levee Short Name : RD2096

Bank Unit Length (Miles)

Unit No. 01 San Joaquin River

RB

0.17

Threat Assessment & Recommendations

- There are one or more encroachments that may significantly impact the integrity of the levee in this Area.
- The LMA should work with landowners and the CVFPB to control unauthorized encroachments.
- A SPFC structure in this Area has conditions that may significantly impact its performance.
- The LMA should ensure that the SPFC structure is able to perform as designed and constructed.

SAN JOAQUIN SYSTEM : Reclamation District No. 2096 Wetherbee Lake

DWR Levee Inspection Summary

RD2096	Total LMA Miles		0.17									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	A				U							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Encroachments						0.01	0.04	23.53		0.01	0.04	23.53
Animal Control					0.02		0.02	11.77	0.02		0.02	11.77
<i>LMA Totals:</i>	0.00	0.00	0.00	0.00	0.02	0.01	0.06	35.29	0.02	0.01	0.06	35.29

RD 2096

DWR Structure Inspection Summary

Structure Name	Overall Rating
Wetherbee Lake Pumping Plant & Navigation Gate	M

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

DWR San Joaquin River Erosion Summary

No Supplemental Erosion Sites.

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
No USACE Ratings available.				

DWR Summary of Local Maintaining Agency Report

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 reported silt build-up on Walthall Slough side of pump intake.

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 included fence repair, gate maintenance, and rodent control. The Agency also reported corrected actions in response to DWR inspection comments. The corrected actions included rodent control by slurry filling in burrows and rodent 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 an estimated cost for flood gate security and maintenance planned for the current fiscal year as \$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 CVFPB or DWR

The Agency reported silt built up is threatening flood intake pumps.

Reclamation District No. 2099 El Solyo Ranch

Stanislaus County

Contact

Kim Forrest

San Luis National Wildlife Refuge Complex • PO Box 2176

Los Banos CA 93635

Phone: (209) 826-3508

RD 2099



Levee Short Name : RD2099

Bank Unit Length (Miles)

Unit No. 01 San Joaquin River

LB

2.40

Threat Assessment & Recommendations

- DWR does not inspect this area and no threat assessment or recommendations were done.

DWR Levee Inspection Summary

Levees in this District are not Inspected.

RD 2099

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

DWR San Joaquin River Erosion Summary

No Supplemental Erosion Sites.

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 2099 - El Solyo Ranch (3 Amigos - USFWS)	2.32	Inactive		N/A

DWR Summary of Local Maintaining Agency Report

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 was 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 was 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 was 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 was 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 CVFPB or DWR

This Reclamation District was purchased by the U.S. 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 U.S. Fish and Wildlife Service in Appendix D

Reclamation District No. 2100

White Lake Ranch

Stanislaus County

Contact

Kim Forrest

San Luis National Wildlife Refuge Complex • PO Box 2176

Los Banos CA 93635

Phone: (209) 826-3508



Levee Short Name : RD2100

Bank Unit Length (Miles)

Unit No. 01 San Joaquin River

LB

2.70

Threat Assessment & Recommendations

- DWR does not inspect this area and no threat assessment or recommendations were done.

SAN JOAQUIN SYSTEM : Reclamation District No. 2100 White Lake Ranch

DWR Levee Inspection Summary

Levees in this District are not Inspected.

DWR Structure Inspection Summary

RD 2100

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

DWR San Joaquin River Erosion Summary

No Supplemental Erosion Sites.

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
0 and 2102 - White Lake and Lara Ranch (3 Amigos - U	4.42	Inactive		N/A

DWR Summary of Local Maintaining Agency Report

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 was 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 was 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 was 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 was 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 CVFPB or DWR

This Reclamation District was purchased by the U.S. 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 U.S. Fish and Wildlife Service in Appendix D.

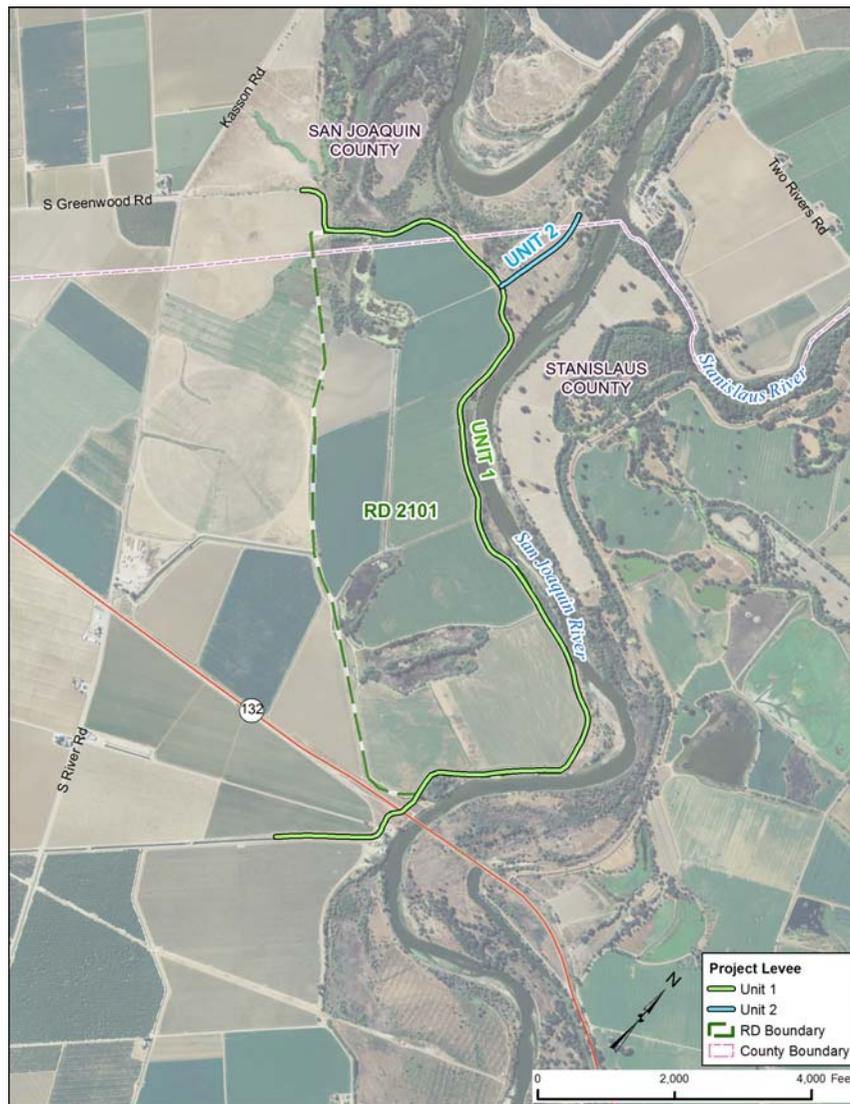
Reclamation District No. 2101 Blewett

RD 2101

Stanislaus County

Contact

James Coddington
6130 Huntingdale Circle
Stockton CA 95219
Phone: (209) 477-2156



Levee Short Name : RD2101

Bank Unit Length (Miles)

Unit No. 01 San Joaquin River	LB	3.20
Unit No. 02 San Joaquin River (Spur Levee)	RB	0.31

Threat Assessment & Recommendations

- There is significant rodent activity in this Area.
- The LMA should enhance its rodent control program.

DWR Levee Inspection Summary

RD2101	Total LMA Miles		3.51									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	U				U							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	2.98		2.98	84.90	0.08		0.08	2.28	-2.90		-2.90	-82.62
Trim / Thin Trees	0.24		0.24	6.84	0.02		0.02	0.57	-0.22		-0.22	-6.27
Encroachments					0.01		0.01	0.29	0.01		0.01	0.29
Animal Control	0.03	0.21	0.87	24.79	0.24	0.02	0.32	9.12	0.21	-0.19	-0.55	-15.67
Erosion / Bank Caving	0.02		0.02	0.57	0.02		0.02	0.57				0.00
<i>Supplemental</i>												
DWR Erosion Survey		0.10	0.40	11.40		0.10	0.40	11.40				0.00
<i>LMA Totals:</i>	3.27	0.31	4.51	128.49	0.37	0.12	0.85	24.22	-2.90	-0.19	-3.66	-104.27

RD 2101

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

DWR San Joaquin River Erosion Summary

Unit No. 01 San Joaquin River, LB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Issue Type	Status	Rating
RD2101U01RM73.92	73.92	1.91	2.00	River Erosion	Existing Site	U

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 2101 - Blewatt District	3.42	Active		N/A

DWR Summary of Local Maintaining Agency Report

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 historical breach location at Levee Unit 1 at LM 1.8 to 1.95 and erosion sites at Levee Unit 1, LM 1.9, 2.0, and 2.9 and at Levee Unit 2, LM 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 historical breach location at Levee Unit 1 at LM 1.8 to 1.95, and erosion sites at Levee Unit 1, LM 1.9, 2.0, and 2.9 and at Levee Unit 2, LM 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 performed for all levee units. Activities included gate repair, inspection, minor structure repair, roadway maintenance, rodent control, tree removal, and 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 planned for all levee units. Expenses include costs of gate repair, inspection, minor structure repair, roadway maintenance, rodent control, tree removal, and vegetation mowing and spraying. The reported total estimated cost for the current 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 CVFPB or DWR

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

**Reclamation District
No. 2102
Lara Ranch**

RD 2102

Stanislaus County

Contact

Kim Forrest

San Luis National Wildlife Refuge Complex • PO 2176

Los Banos CA 93635

Phone: (209) 826-3508



Levee Short Name : RD2102

Bank Unit Length (Miles)

Unit No. 01 San Joaquin River

LB

1.80

Threat Assessment & Recommendations

- DWR does not inspect this area and no threat assessment or recommendations were done.

SAN JOAQUIN SYSTEM : Reclamation District No. 2102 Lara Ranch

DWR Levee Inspection Summary

Levees in this District are not Inspected.

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

RD 2102

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

DWR San Joaquin River Erosion Summary

No Supplemental Erosion Sites.

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
0 and 2102 - White Lake and Lara Ranch (3 Amigos - U	4.42	Inactive		N/A

DWR Summary of Local Maintaining Agency Report

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 was 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 was 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 was 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 was 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 CVFPB or DWR

This Reclamation District was purchased by the U.S. 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 U.S. Fish and Wildlife Service in Appendix D.

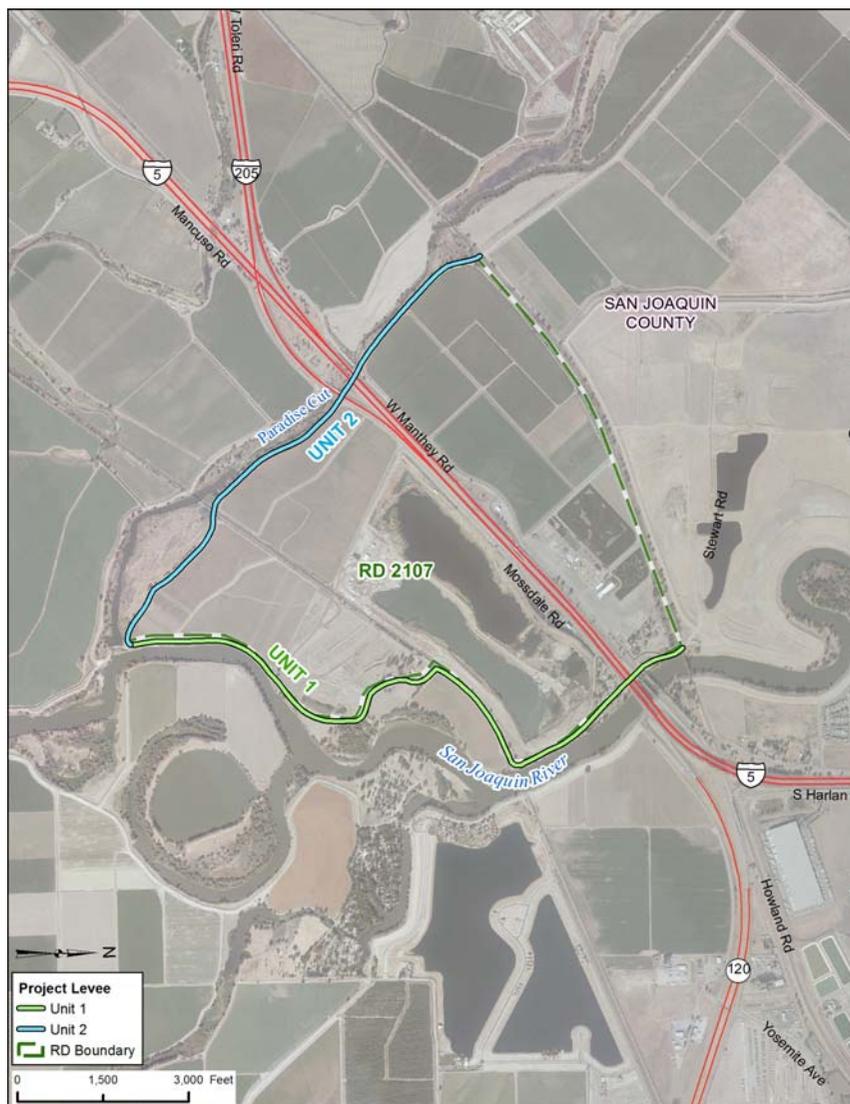
**Reclamation District
No. 2107
Mossdale Island**

RD 2107

San Joaquin County

Contact

Robert Brown
311 East Main Street Suite 504
Stockton CA 95202
Phone: (209) 943-5551



Levee Short Name : RD2107	Bank	Unit Length (Miles)
---------------------------	------	---------------------

Unit No. 01 San Joaquin River	LB	2.37
Unit No. 02 Paradise Cut	RB	1.84

Threat Assessment & Recommendations

- The LMA should continue to maintain the area at the high level seen during the last inspection.
- The LMA should repair locations where the levee slope may be unstable.

SAN JOAQUIN SYSTEM : Reclamation District No. 2107 Mossdale Island

DWR Levee Inspection Summary

RD2107	Total LMA Miles		4.21									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	A				A							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation					0.02		0.02	0.48	0.02		0.02	0.48
Encroachments					0.01		0.01	0.24	0.01		0.01	0.24
Animal Control					0.01		0.01	0.24	0.01		0.01	0.24
Slope Stability					0.01		0.01	0.24	0.01		0.01	0.24
<i>LMA Totals:</i>	0.00	0.00	0.00	0.00	0.05	0.00	0.05	1.19	0.05	0.00	0.05	1.19

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

DWR San Joaquin River Erosion Summary

No Supplemental Erosion Sites.

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 2062 and RD 2107 - Stewart Tract	16.26	Active		Pending

RD 2107

DWR Summary of Local Maintaining Agency Report

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 mentioned that normal levee crown maintenance and vegetation control works are performed and deficiency items are addressed as needed.

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 was 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 reported vegetation control activities accomplished in the last fiscal year. The reported total expenses in the previous fiscal year was \$32,297.

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 was 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 CVFPB or DWR

No information was provided by the Agency for Part 5.

Lower San Joaquin Levee District

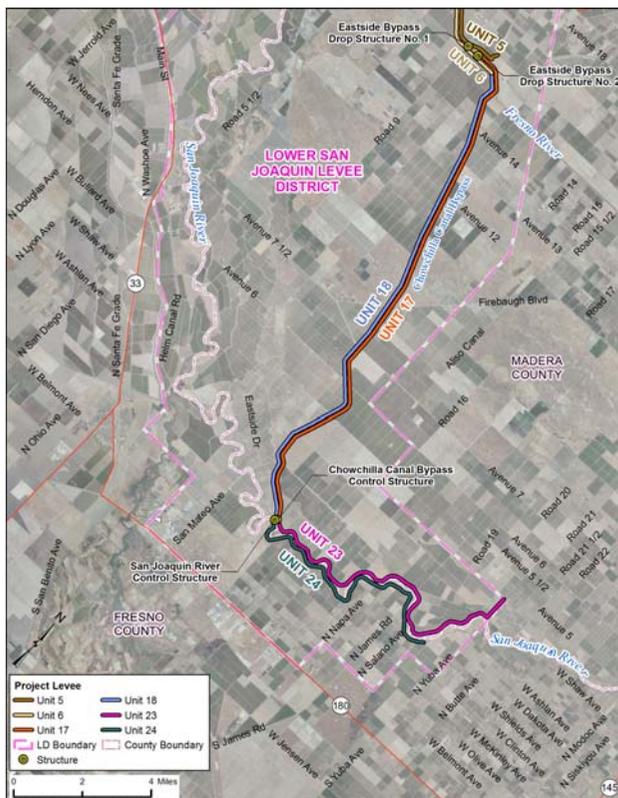
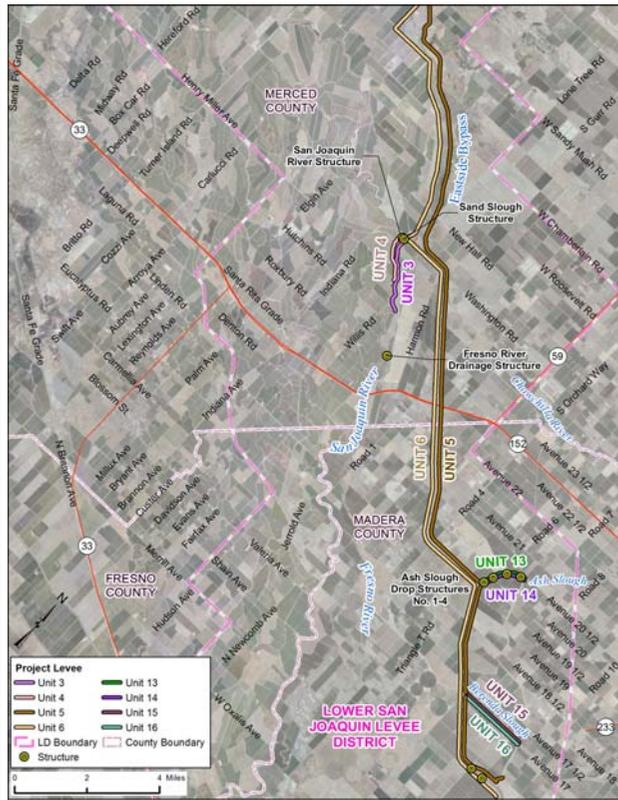
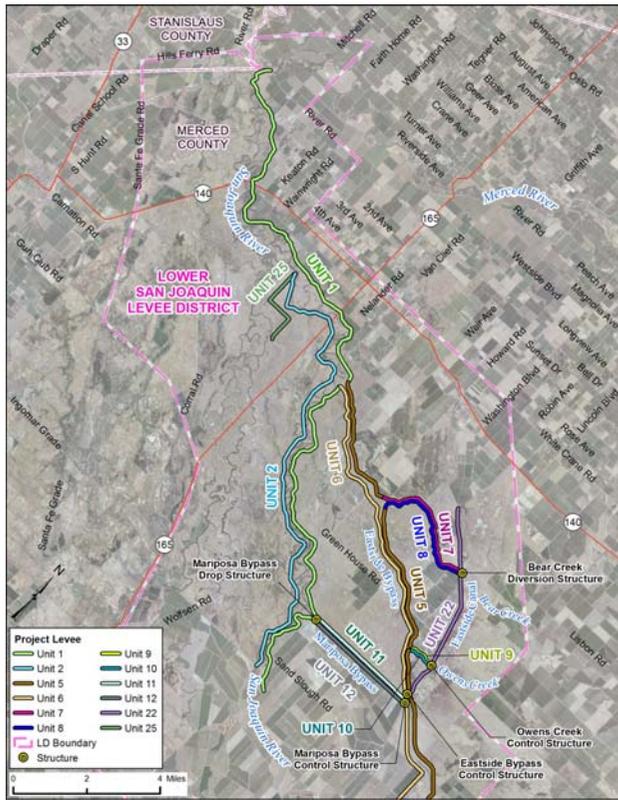
Fresno County
Madera County
Merced County
Stanislaus County

Contact

Roy Roduner
11704 West Henry Miller Avenue
Dos Palos CA 93620
Phone: (209) 387-4545

SAN JOAQUIN SYSTEM : Lower San Joaquin Levee District

LSJLD



Levee Short Name : NA0010	Bank	Unit Length (Miles)
Unit No. 01 San Joaquin River	RB	22.56
Unit No. 02A San Joaquin River	LB	7.87
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
Unit No. 17 Chowchilla Canal Bypass	RB	16.09
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

Threat Assessment & Recommendations

- There is vegetation that significantly impacts access and visibility in this Area.
- The LMA should focus more on controlling vegetation to maintain visibility and access.
- The LMA should ensure that the levee crown and access roads are able to be driven in all weather conditions.
- The LMA should ensure that the SPFC structure is able to perform as designed and constructed.

SAN JOAQUIN SYSTEM : Lower San Joaquin Levee District

LSJLD

DWR Levee Inspection Summary

NA0010	Total LMA Miles		191.36									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	M				U							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	19.91		19.91	10.40	145.00		145.00	75.77	125.09		125.09	65.37
Trim / Thin Trees	0.08		0.08	0.04	0.02		0.02	0.01	-0.06		-0.06	-0.03
Encroachments	0.06	0.01	0.10	0.05	0.61		0.61	0.32	0.55	-0.01	0.51	0.27
Animal Control	1.09		1.09	0.57	2.68		2.68	1.40	1.59		1.59	0.83
Slope Stability	0.76		0.76	0.40	0.76		0.76	0.40				0.00
Erosion / Bank Caving	0.02	0.01	0.06	0.03	0.13	0.01	0.17	0.09	0.11		0.11	0.06
Crown Surface / Depressions / Rutting	3.78		3.78	1.98	43.08		43.08	22.51	39.30		39.30	20.54
Repair Gates	0.01	0.01	0.05	0.03					-0.01	-0.01	-0.05	-0.03
<i>Interior Drainage & Piping Systems</i>												
Vegetation & Obstructions						0.01	0.04	0.02		0.01	0.04	0.02
<i>Channels</i>												
Encroachments	0.02		0.02	0.01					-0.02		-0.02	-0.01
Concrete Foundations	0.01		0.01	0.01	0.01		0.01	0.01				0.00
<i>Supplemental</i>												
DWR Erosion Survey		0.16	0.64	0.33						-0.16	-0.64	-0.33
LMA Totals:	25.74	0.19	26.50	13.85	192.29	0.02	192.37	100.53	166.55	-0.17	165.87	86.68

DWR Structure Inspection Summary

Structure Name	Overall Rating
San Joaquin River Structure And Sand Slough Structure	A
San Joaquin River And Chowchilla Canal Bypass Control Structure	A
Owens Creek Overflow Structure	A
Owens Creek Control Structure	A
Mariposa Bypass Drop Structure	A
Mariposa Bypass Control Structure	A
Fresno River Drainage Structure	A
Eastside Bypass Drop Structure No. 2	A
Eastside Bypass Drop Structure No. 1	A
Eastside Bypass Control Structure	A
Bear Creek Diversion Structure	A
Ash Slough Drop Structure No. 4	A
Ash Slough Drop Structure No. 3	A
Ash Slough Drop Structure No. 2	A
Ash Slough Drop Structure No. 1	A

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

DWR San Joaquin River Erosion Summary

Unit No. 23 San Joaquin River, RB

Site ID	River Mile	Levee Mile		Issue Type	Status	Rating
		Start	End			
NA0010U23RM224.27	224.27	9.10	9.21	River Erosion	Repaired Site	C
NA0010U23RM224.27	224.33	9.21	9.26	River Erosion	Repaired Site	C

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
LSJLD-Unit 24	8.38	Active		N/A
LSJLD-Units 1, 4, 6, and 12	17.70	Active		N/A
LSJLD-Units 1, 5, 7, and 22	20.31	Inactive	04/13/2012	U
LSJLD-Units 1, 6, and 11	20.71	Active		Pending
LSJLD-Units 17, 23 - Fresno R, Chowchilla Bypass	35.35	Partial Inactive	07/28/2008	N/A
LSJLD-Units 2 and 25	16.22	Inactive	04/23/2012	U
LSJLD-Units 3, 6, 18 - Eastside-Chowchilla Bypass	34.48	Partial Inactive		Pending
LSJLD-Units 5 and 13 - Ash Slough right bank	23.53	Partial Inactive	07/28/2008	Pending
LSJLD-Units 5 and 16 - Berenda Slough and Fresno R	16.35	Partial Inactive	07/28/2008	Pending
LSJLD-Units 5, 10, and 22	2.98	Active		Pending
LSJLD-Units 5, 14, and 15 - Ash and Berenda Slghs	9.89	Partial Inactive	07/28/2008	Pending
LSJLD-Units 5, 8, 9, and 22	11.29	Active		Pending

DWR Summary of Local Maintaining Agency Report

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 changes after 2011 Reporting. The 2011 LMA Report provided information on a variety of issues affecting Levee Units 1, 2A, 2B, 5, and 6. Issues included excessive traffic resulting from personnel using crown roadway to access San Luis Wildlife Refuge, fencing installed by the California State Parks which encroaches on levee slopes, and poor soil along East Side Bypass Levee which cannot sustain proper cover.

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 changes in information after 2011 Reporting. The 2011 LMA Report provided information on a variety of issues affecting Levee Units 1, 2A, 3, 5, 6, 12, 17A, 18, 22A, 23 and 24. Key issues included seepage in many units resulting from various reasons including native levee soil material type, a levee breach by landowner at Levee Unit 1 as waterside flood elevations exceeded that of landslide, 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 at Levee Unit 5, freeboard and channel capacity issues along the entire length of Levee Unit 6, a waterside erosion from livestock grazing on entire Levee Unit 22A, and a river berm erosion caused by 2006 flood event on Levee Unit 23, LM 5.9.

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 included administrative, management and professional services, bank revetment, channel debris removal, sediment extraction, drainage ditch maintenance, encroachment control, equipment maintenance, erosion repair, field observation, research, minor structure maintenance, roadway graveling, rodent control, hole grouting and compaction, personnel training, slope dragging, and vegetation burning, mowing, planting and spraying. The Agency also provided the total maintenance cost for the previous fiscal year as \$964,532.

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 planned 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, field observation and research, hole grouting, compaction, minor structure maintenance, roadway graveling, rodent control, slope dragging, personnel training and supervision, and vegetation burning, mowing, planting and spraying. The reported total estimated cost for all units for the current fiscal year is \$975,471.

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

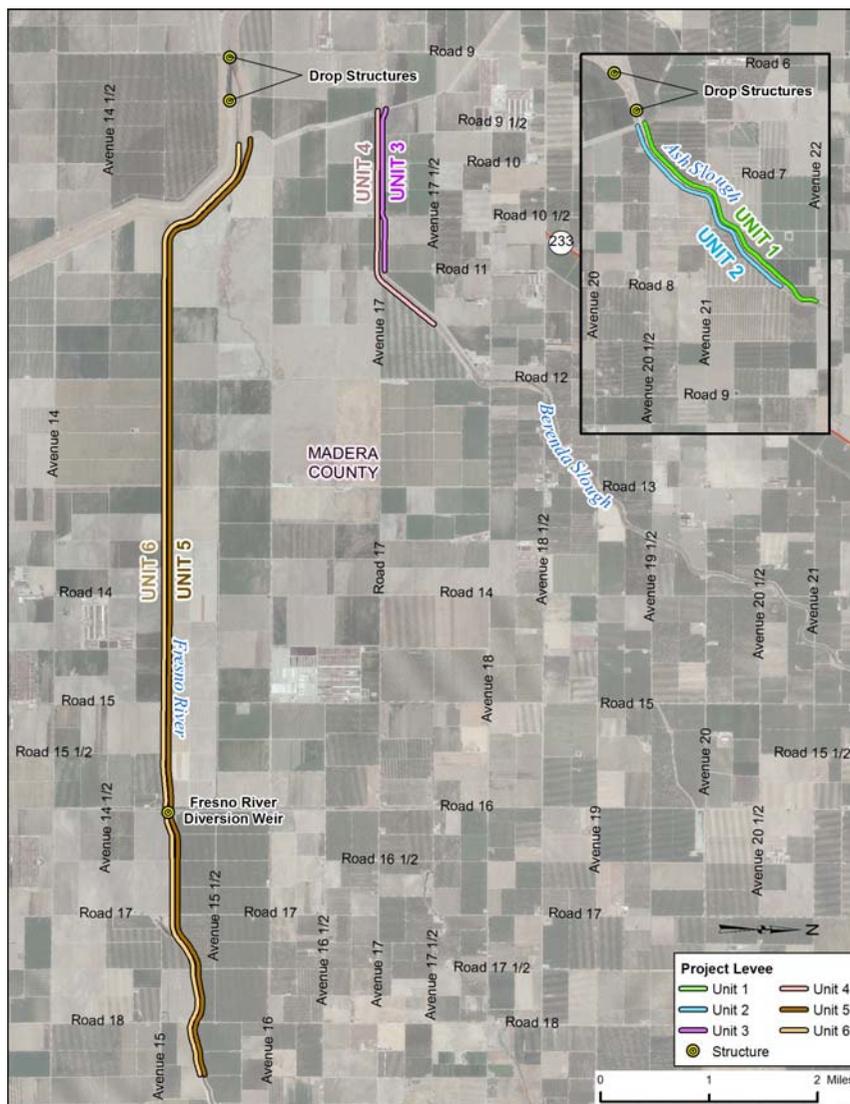
The Agency provided summary of Project Levees and facility operational concerns. The Agency also provided the locations of these concerns and their potential remedies. The Agency reported seepage at Levee Unit 1, LM 4.5 to 5.5, 12 to 16.5, 16.5 to 17 and 20.5 to 21.5, Levee Unit 3, LM 0 to 2.16, Levee Unit 6, LM 11.75 to 19.42 and 21 to 22, Levee Unit 17, LM 13 to 15, Levee Unit 18, LM 9 to 13.75, Levee Unit 23, LM 0 to 6, and Levee Unit 24, LM 0 to 5.75.

Madera County FCWCA

Madera County

Contact

Kheng Vang
2037 West Cleveland Avenue
Madera CA 93637
Phone: (559) 675-7817



Levee Short Name : NA0011	Bank	Unit Length (Miles)
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

Threat Assessment & Recommendations

- There is significant rodent activity in this Area.
- The LMA should enhance its rodent control program.
- The LMA should focus more on controlling vegetation to maintain visibility and access.
- The LMA should continue to maintain the area at the high level seen during the last Structure inspection.
- Soil and vegetation exist that may significantly impact the capacity of channels in this Area.
- The LMA should ensure that the capacity of the channel as designed and constructed is maintained.

SAN JOAQUIN SYSTEM : Madera County FCWCA

DWR Levee Inspection Summary

NA0011	Total LMA Miles		26.65									
	Fall 2011				Fall 2012				Change			
	Overall LMA Rating				Overall LMA Rating							
	U				U							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	21.73	1.58	28.05	105.25	52.77	13.25	105.77	396.89	31.04	11.67	77.72	291.63
Trim / Thin Trees	0.50		0.50	1.88	0.50		0.50	1.88				0.00
Encroachments	0.44	0.03	0.56	2.10	0.43	0.04	0.59	2.21	-0.01	0.01	0.03	0.11
Animal Control	12.24	0.08	12.56	47.13	16.61	1.29	21.77	81.69	4.37	1.21	9.21	34.56
Slope Stability		0.01	0.04	0.15		0.01	0.04	0.15				0.00
Erosion / Bank Caving	0.01		0.01	0.04	0.01		0.01	0.04				0.00
Crown Surface / Depressions / Rutting	0.44		0.44	1.65	0.80		0.80	3.00	0.36		0.36	1.35
<i>Channels</i>												
Vegetation & Obstructions		0.01	0.04	0.15						-0.01	-0.04	-0.15
Encroachments					0.01		0.01	0.04	0.01		0.01	0.04
<i>Supplemental</i>												
DWR Erosion Survey	0.12		0.12	0.45	0.12		0.12	0.45				0.00
<i>LMA Totals:</i>	35.48	1.71	42.32	158.80	71.25	14.59	129.61	486.34	35.77	12.88	87.29	327.54

DWR Structure Inspection Summary

Structure Name	Overall Rating
Fresno River Diversion Weir	A
Ash And Berenda Slough Control Structures	A

DWR Channel Inspection Summary

Channel Name	Overall Rating
Ash Slough	A
Berenda Slough	U
Chowchilla River	A
Fresno River	M

DWR San Joaquin River Erosion Summary

Unit No. 01 Ash Slough, RB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Issue Type	Status	Rating
NA0011U01RM2.57	2.57	1.11	1.20	River Erosion	Existing Site	M
NA0011U01RM2.57	3.8	2.37	2.39	River Erosion	Existing Site	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
No USACE Ratings available.				

DWR Summary of Local Maintaining Agency Report

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 about the presence of natural vegetation on water side of Levee Unit 1 at LM 0.01 to 0.47 and drift and trash or debris accumulated at Levee Unit 2, LM 1.75. The Agency also reported about an unauthorized encroachment at Levee Unit 3, LM 0.05 and stated that the permit for the same is now under CVFPB review.

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 slope instability and related levee damage due to an unauthorized pipe installation at Levee Unit 4 at an unspecified location. The Agency also reported presence of rodent holes on both sides of levee at Levee Unit 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 performed for all levee units and the location of these activities. Activities included Arrundo clearing and spraying for all levee units with the aid of IRWMP grant and sediment removal at Levee Unit 1 between roads 8 and 15.

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 planned for all levee units. Expenses include costs of Arrundo clearing and spraying with the aid of IRWMP Grant, channel maintenance, Fresno River boil repair, rodent control, and vegetation control. The reported total estimated cost for various flood control and water conservation activities including maintenance of the Project Levee is \$1,250,000 for the current fiscal year.

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

No information was provided by the Agency for Part 5.

Merced Streams Group

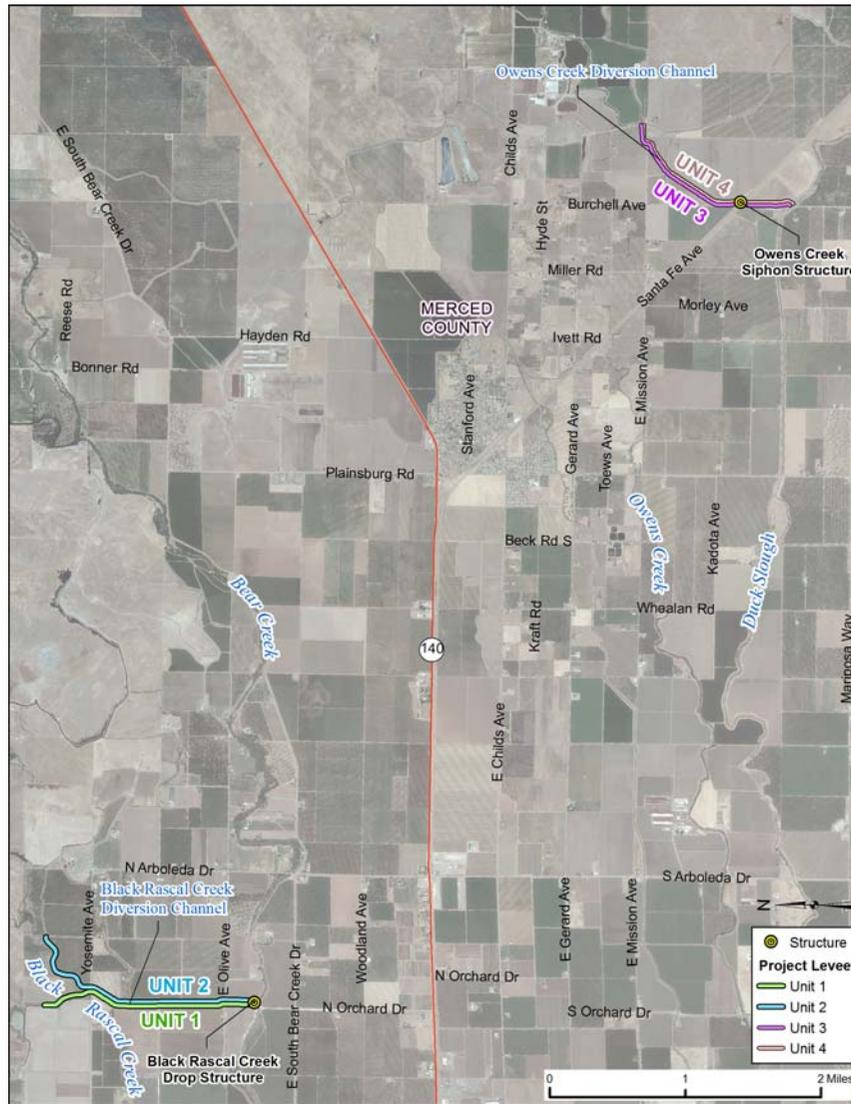
Merced County

Contact

Paul Fillebrown
715 Martin Luther King Jr. Way
Merced CA 95341
Phone: (209) 385-7602

SAN JOAQUIN SYSTEM : Merced Streams Group

Merced
County



Levee Short Name : NA0013

Bank Unit Length (Miles)

Unit No.	Bank	Unit Length (Miles)
01 Black Rascal Diversion	RB	1.64
02 Black Rascal Diversion	LB	1.88
03 Owens Creek Diversion	RB	1.44
04 Owens Creek Diversion	LB	1.44

Merced
County

Threat Assessment & Recommendations

- There is significant rodent activity in this Area.
- The LMA should enhance its rodent control program.
- The LMA should repair locations where the levee slope may be unstable.
- A SPFC structure in this Area has conditions that may significantly impact its performance.
- The LMA should ensure that the SPFC structure is able to perform as designed and constructed.
- Soil and vegetation exist that may significantly impact the capacity of channels in this Area.
- The LMA should ensure that the capacity of the channel as designed and constructed is maintained.

SAN JOAQUIN SYSTEM : Merced Streams Group

DWR Levee Inspection Summary

NA0013												
Total LMA Miles		6.40										
Rated Item	Fall 2011				Fall 2012				Change			
	Overall LMA Rating		U		Overall LMA Rating		U					
	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	0.46	0.32	1.74	27.19	0.61		0.61	9.53	0.15	-0.32	-1.13	-17.66
Trim / Thin Trees	0.02		0.02	0.31	0.01	0.17	0.69	10.78	-0.01	0.17	0.67	10.47
Encroachments	0.03		0.03	0.47	0.02		0.02	0.31	-0.01		-0.01	-0.16
Animal Control	1.48	0.02	1.56	24.38	1.70	0.64	4.26	66.56	0.22	0.62	2.70	42.19
Erosion / Bank Caving					0.01		0.01	0.16	0.01		0.01	0.16
Crown Surface / Depressions / Rutting	0.51		0.51	7.97	0.52		0.52	8.13	0.01		0.01	0.16
<i>Channels</i>												
Encroachments	2.52		2.52	39.38	0.40		0.40	6.25	-2.12		-2.12	-33.13
<i>Supplemental</i>												
DWR Erosion Survey	0.15	0.01	0.19	2.97	0.16		0.16	2.50	0.01	-0.01	-0.03	-0.47
<i>LMA Totals:</i>	5.17	0.35	6.57	102.66	3.43	0.81	6.67	104.22	-1.74	0.46	0.10	1.56

DWR Structure Inspection Summary

Structure Name	Overall Rating
Owens Creek Siphon Structure	M
Black Rascal Creek Drop Structure	A

DWR Channel Inspection Summary

Channel Name	Overall Rating
Bear Creek	M
Black Rascal Creek	M
Burns Creek	A
Mariposa Creek & Duck Slough	M
Miles Creek	A
Owens Creek	M

DWR San Joaquin River Erosion Summary

Unit No. 03 Owens Creek Diversion, RB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Issue Type	Status	Rating
NA0013U03RM1	1	1.00	1.00	Maintenance Erosion	Existing Site	M
NA0013U03RM1	1.25	1.25	1.25	Maintenance Erosion	Existing Site	M

Unit No. 04 Owens Creek Diversion, LB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Issue Type	Status	Rating
NA0013U03RM1	0.21	0.15	0.28	Maintenance Erosion	Existing Site	M
NA0013U03RM1	0.42	0.42	0.43	Maintenance Erosion	Existing Site	M

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Merced Stream Group - Black Rascal - Unit 1	1.61	Active		N/A
Merced Stream Group - Black Rascal - Unit 2	1.83	Active		N/A
Merced Stream Group - Owens Creek - Unit 1	1.36	Active		N/A
Merced Stream Group - Owens Creek - Unit 2	1.39	Active		N/A

DWR Summary of Local Maintaining Agency Report

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 levee crown depressions at Levee Unit 2, LM 0.45 to 0.48 and 1.04 to 1.55. The Agency also reported existing rodent issues at Levee Unit 3 and 4 and vegetation issues at all levee units at various locations.

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 cracks are visible on waterside of Levee Unit 3, LM 1 and Levee Unit 4, LM 0.15 to 3 and 0.97. The Agency reported that Levee Units 1 and 2 have only 1-foot freeboard for 100-year flood. The Agency also reported rodent burrows at Levee Unit 3, LM 0.8 to 1.25 and at Levee Unit 4, LM 0.1 to 1.15.

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 included rodent control, slope dragging, 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 planned for all levee units and the locations of these activities. Expenses include costs of rodent baiting and trapping, hole grouting, sediment removal, slope dragging, tree removal, and vegetation control. The reported total estimated cost for the current fiscal year is \$40,500.

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 CVFPB or DWR

The Agency stated that current MOU with the California Department of Fish and Game allows routine channel maintenance only during the non-nesting periods. The Agency mentioned that this restriction is affecting the DWR Inspection Ratings for the maintained channels.

San Joaquin County Flood Control and Water Conservation

San Joaquin County

Contact

Tom Gau

PO Box 1810

Stockton CA 95201

Phone: (209) 953-7617

SAN JOAQUIN SYSTEM : San Joaquin County Flood Control and Water Conservation District

San Joaquin County



Levee Short Name : NA0017

Bank Unit Length (Miles)

Unit No.	Bank	Unit Length (Miles)
Unit No. 01 Littlejohn Creek	LB	2.87
Unit No. 02 Littlejohn Creek	RB	3.21
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

San Joaquin
County

Threat Assessment & Recommendations

- There is a significant erosion site in this Area that should be monitored.
- The LMA should focus on repairing erosion sites.
- The LMA should work with landowners and the CVFPB to control unauthorized encroachments.
- The LMA should continue to maintain the area at the high level seen during the last Structure inspection.
- The LMA should ensure that the capacity of the channel as designed and constructed is maintained.

SAN JOAQUIN SYSTEM : San Joaquin County Flood Control and Water Conservation District

DWR Levee Inspection Summary

Rated Item	Total LMA Miles		Fall 2011				Fall 2012				Change			
	103.96		Overall LMA Rating		M		Overall LMA Rating		M					
	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %		
<i>Earthen Levee</i>														
Vegetation	0.66		0.66	0.64	0.82		0.82	0.79	0.16		0.16	0.15		
Trim / Thin Trees	0.04		0.04	0.04	0.03		0.03	0.03	-0.01		-0.01	-0.01		
Encroachments	3.93	0.39	5.49	5.28	1.68	0.01	1.72	1.65	-2.25	-0.38	-3.77	-3.63		
Animal Control	0.62	0.02	0.70	0.67	0.59	0.03	0.71	0.68	-0.03	0.01	0.01	0.01		
Slope Stability	0.81	0.09	1.17	1.13	0.72	0.01	0.76	0.73	-0.09	-0.08	-0.41	-0.39		
Erosion / Bank Caving	0.32		0.32	0.31	0.11		0.11	0.11	-0.21		-0.21	-0.20		
Cracking	0.01		0.01	0.01	0.02		0.02	0.02	0.01		0.01	0.01		
Crown Surface / Depressions / Rutting	0.19		0.19	0.18	0.17		0.17	0.16	-0.02		-0.02	-0.02		
Repair Gates	0.01		0.01	0.01					-0.01		-0.01	-0.01		
<i>Interior Drainage & Piping Systems</i>														
Culverts: Inlets / Outlets	0.02		0.02	0.02					-0.02		-0.02	-0.02		
Flap Gates	0.01	0.02	0.09	0.09	0.01	0.01	0.05	0.05		-0.01	-0.04	-0.04		
<i>Concrete Floodwalls</i>														
Concrete Surfaces	0.01		0.01	0.01					-0.01		-0.01	-0.01		
Monolith Joints	0.06		0.06	0.06	0.06		0.06	0.06				0.00		
<i>Supplemental</i>														
DWR Erosion Survey	0.01	0.92	3.69	3.55	0.17	1.68	6.89	6.63	0.16	0.76	3.20	3.08		
LMA Totals:	6.70	1.44	12.46	11.99	4.38	1.74	11.34	10.91	-2.32	0.30	-1.12	-1.08		

DWR Structure Inspection Summary

Structure Name	Overall Rating
Mormon Slough Pumping Plant No. 3	A
Mormon Slough Pumping Plant No. 2	A
Mormon Slough Pumping Plant No. 1	A
Duck Creek Diversion Weir And Control Structure	A

DWR Channel Inspection Summary

Channel Name	Overall Rating
Duck Creek Diversion Channel	A
North Littlejohn Creek	M
South Littlejohn Creek	A
South Littlejohn Creek North Branch	A

San Joaquin
County

DWR San Joaquin River Erosion Summary

Unit No. 15 Mormon Slough, RB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Issue Type	Status	Rating
NA0017U15RM0.86	0.86	0.41	1.32	River Erosion	Existing Site	U
NA0017U15RM0.86	1.58	1.55	1.62	River Erosion	Repaired Site	C
NA0017U15RM0.86	3.14	3.14	3.15	River Erosion	Repaired Site	C

Unit No. 16 Mormon Slough, LB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Issue Type	Status	Rating
NA0017U15RM0.86	23.35	0.13	0.47	River Erosion	New Site	U
NA0017U15RM0.86	22.74	0.97	0.99	River Erosion	New Site	U
NA0017U15RM0.86	22.58	1.13	1.13	River Erosion	New Site	M
NA0017U15RM0.86	22.15	1.59	1.59	River Erosion	New Site	M
NA0017U15RM0.86	22.01	1.74	1.75	River Erosion	New Site	M
NA0017U15RM0.86	21.95	1.75	1.76	River Erosion	New Site	M
NA0017U15RM0.86	21.94	1.77	1.78	River Erosion	New Site	M
NA0017U15RM0.86	21.05	1.93	1.95	River Erosion	New Site	U
NA0017U15RM0.86	20.71	2.31	2.32	River Erosion	New Site	U
NA0017U15RM0.86	20.62	2.37	2.38	River Erosion	New Site	U
NA0017U15RM0.86	20	3.00	3.06	River Erosion	New Site	U
NA0017U15RM0.86	19.28	3.78	3.79	River Erosion	New Site	U
NA0017U15RM0.86	19.23	3.84	3.85	River Erosion	New Site	M
NA0017U15RM0.86	19.18	3.89	3.91	River Erosion	New Site	M
NA0017U15RM0.86	18.69	4.32	4.34	River Erosion	New Site	U
NA0017U15RM0.86	17.99	5.03	5.03	River Erosion	New Site	M
NA0017U15RM0.86	11.81	5.52	5.57	River Erosion	New Site	U
NA0017U15RM0.86	6.47	6.47	6.48	River Erosion	Repaired Site	C
NA0017U15RM0.86	16.27	6.72	6.91	River Erosion	New Site	U
NA0017U15RM0.86	14.48	8.61	8.65	River Erosion	New Site	M
NA0017U15RM0.86	13.86	8.99	8.99	River Erosion	New Site	U
NA0017U15RM0.86	13.72	9.39	9.41	River Erosion	New Site	U
NA0017U15RM0.86	13.53	9.58	9.60	River Erosion	New Site	M
NA0017U15RM0.86	12.95	10.16	10.18	River Erosion	New Site	U

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Bear Creek - Unit 8, west of I-5	0.85	Inactive	04/23/2012	U
Bear Creek - Units 12 north	0.44	Active	04/23/2012	M
Bear Creek - Units 12 south, 10, and 13	3.67	Inactive	08/21/2012	U
Bear Creek - Units 7 east	6.54	Inactive	08/21/2012	U
Bear Creek - Units 7 west and 21	4.19	Inactive	08/21/2012	U
Bear Creek - Units 7, 22, and 23	9.29	Inactive	08/21/2012	U
Bear Creek - Units 8, 10, and 11	7.25	Inactive	08/21/2012	U
Bear Creek - Units 8, 24, 26, and 9	5.57	Inactive	08/21/2012	U
Bear Creek - Units 8, 25, and 27	11.14	Inactive	08/21/2012	U
Littlejohn Creek left bank - Unit 1	2.55	Inactive	01/18/2008	N/A
Littlejohn Creek right bank - Unit 2	2.14	Inactive	01/18/2008	N/A
Mormon Slough - Calaveras R right bank - RD 2074	11.68	Inactive	04/23/2012	U
Mormon Slough - Calaveras, Divert Canal left bank	12.75	Inactive	08/21/2012	U
Mormon Slough - Diverting Canal right bank	9.58	Inactive	04/23/2012	U
Mormon Slough left bank along RR tracks - Unit 16	0.46	Inactive	08/21/2012	U
Mormon Slough right bank - Unit 15 east	3.64	Inactive	08/21/2012	U

DWR Summary of Local Maintaining Agency Report

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 accumulation at all levee units and floodplain due to illegal dumping. The Agency also reported about its routine cleaning activities. The Agency stated vegetation debris accumulates at low water crossing at Levee Unit 1 at north branch of South Little John, upstream of Jack Tone Road. The Agency reported caving on both water and landside slopes at Levee Unit 2 at South Little John by low water crossing upstream of Mariposa Rd and mentioned that channel vegetation is hindering waterside access at Levee Unit 18 upstream of Fine Rd. The Agency also provided maintenance and repair activities such as encroachment control at Unit 15, erosion repairs along waterside toe at Levee Unit 2 at South Little John downstream of Mariposa Rd and on waterside slope upstream of Flood Rd on Levee Unit 16, rodent control on Levee Unit 8, encroachment control at Levee Unit 15, and removal of tree limbs and vegetation from slope and channel at Levee Unit 16.

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 repairs on waterside toe and slope at Levee Units 8 and 16.

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 included erosion repair, encroachment control, gate repair, inspection, patrolling, roadway grading, and vegetation mowing. The Agency also reported corrected or ongoing corrective actions in response to DWR inspection comments. The corrected actions included encroachment control, erosion repair, levee slope repair, roadway grading, rodent control, tree thinning and trimming, 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 planned for all levee units. Expenses include costs of erosion repair, gate repair, in-channel sediment and weed removal, maintenance, minor structure repair, patrolling, roadway grading, tree removal, and vegetation mowing, spraying and planting. The reported total estimated cost for the current fiscal year is \$2,095,070.

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

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

Turlock Irrigation District Gomes Lake

Stanislaus County

Contact

Les Barrigar
333 East Canal Drive
Turlock CA 95381
Phone: (209) 883-8272



Threat Assessment & Recommendations

- The LMA should continue to maintain the area at the high level seen during the last Structure inspection.
- The LMA should ensure that the SPFC structure is able to perform as designed and constructed.

SAN JOAQUIN SYSTEM : Turlock Irrigation District Gomes Lake

DWR Levee Inspection Summary

Levees in this District are not Inspected.

DWR Structure Inspection Summary

Structure Name	Overall Rating
Gomes Lake Pumping Plant	A

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

DWR San Joaquin River Erosion Summary

No Supplemental Erosion Sites.

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
No USACE Ratings available.				

TID

DWR Summary of Local Maintaining Agency Report

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 was 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 was 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 was 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 was 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 CVFPB or DWR

The Agency stated that the report for this levee unit was submitted by RD2091 as Levee Unit 2.

Appendix **C**

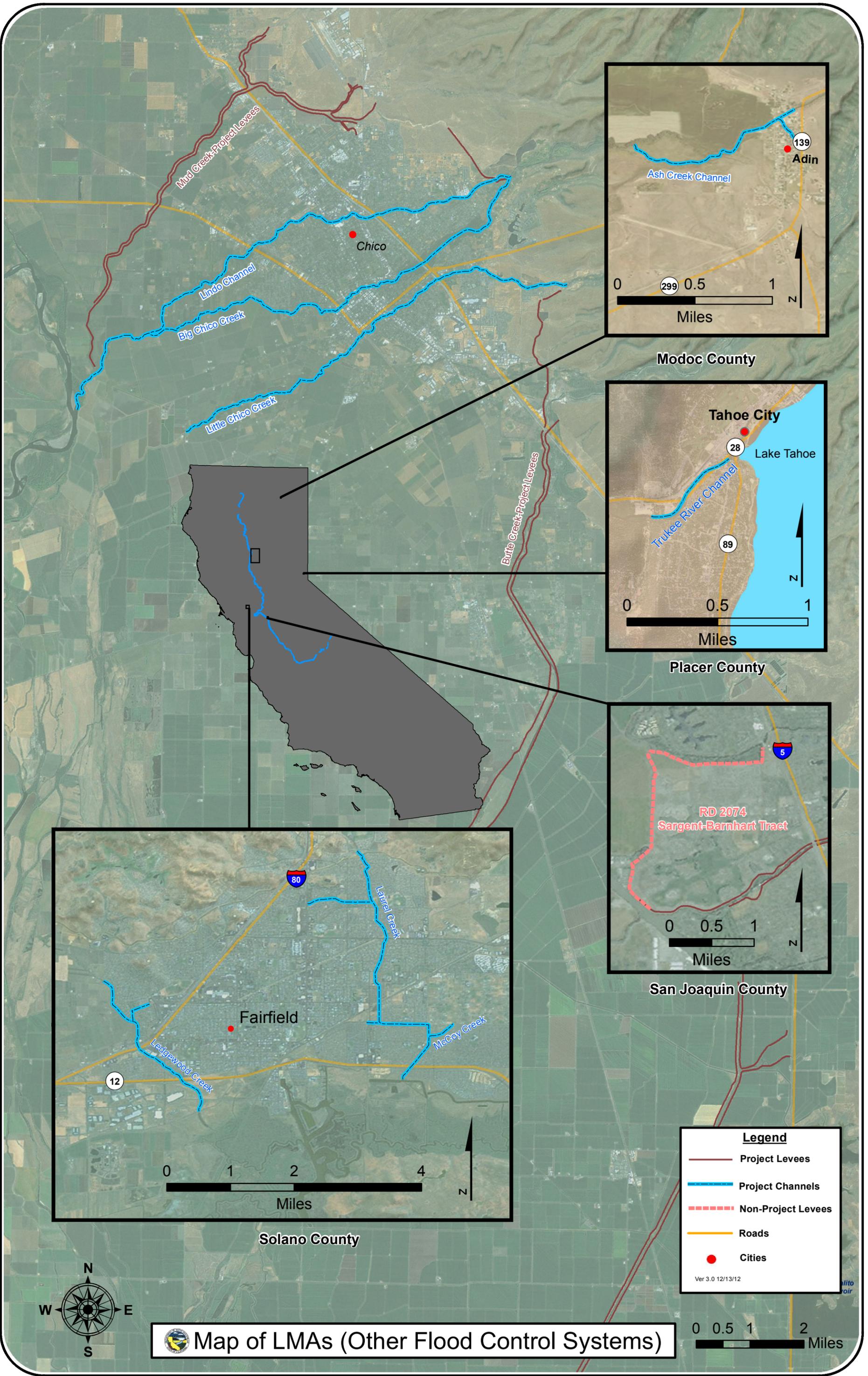
Miscellaneous Summary Reports

This Appendix includes reporting of a Non Project Levee in the San Joaquin River Flood Control Project. It also includes channels in areas that are outside of the the Sacramento and San Joaquin River Flood Control Project. Appendix C includes:

- Miscellaneous Index
- Map
- Individual local area Summary Profiles

Local Agencies & Areas	County	Tab Name	Short Name	Page
Reclamation Districts				
Reclamation District No. 2074 Sargent-Barnhart Tract	San Joaquin	RD 2074	RD2074	5
Named Areas				
Adin Community Service District	Modoc	Adin	NA0030	9
Fairfield Suisun Sewer District	Solano	FSSD	NA0035	13
Placer County	Placer	Truckee River	NA0045	17





 Map of LMAs (Other Flood Control Systems)

Reclamation District No. 2074 Sargent-Barnhart Tract

San Joaquin County

Contact

Nelson Bahler
PO Box 7576
Stockton CA 95267
Phone: (209) 473-6024



Levee Short Name : RD2074

Bank Unit Length (Miles)

No Units Associated with this District.

Threat Assessment & Recommendations

- DWR does not inspect this area and no threat assessment or recommendations were done.

DWR Levee Inspection Summary

Levees in this District are not Inspected.

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
No Channels Inspected in this District.	

DWR San Joaquin River Erosion Summary

No Supplemental Erosion Sites.

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
No USACE Ratings available.				

DWR Summary of Local Maintaining Agency Report

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 existing encroachments are regularly inspected and new encroachments will meet CVFPB, DWR, and USACE standards. The Agency also reported regular maintenance activities and good levee condition.

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 was 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 included encroachment control, erosion repair, gate repair, inspection, road maintenance, rodent control, 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 planned for all levee units. Expenses include costs of encroachment control, erosion repair including riprap revetment, gate repair, installation of flap gates on the storm drain pipe, roadway maintenance, rodent control, and vegetation control. The reported total estimated cost for the current fiscal year is \$635,000.

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 CVFPB or DWR

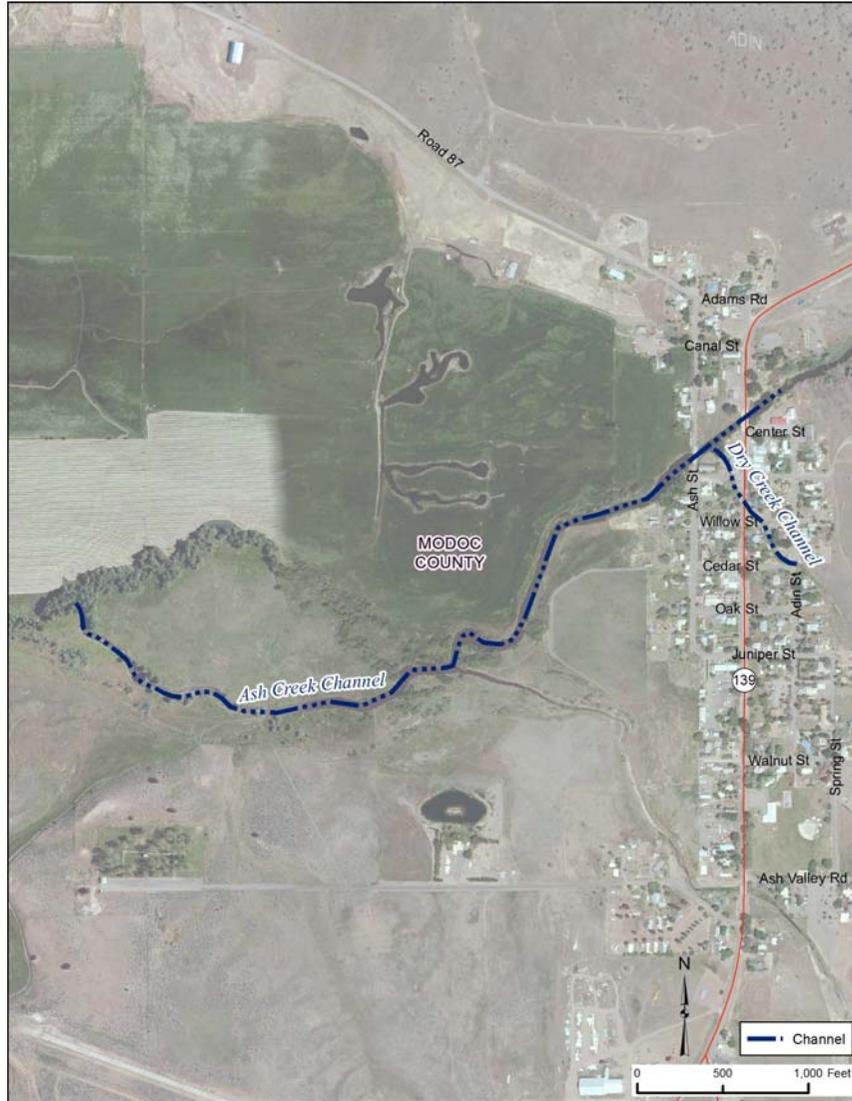
The Agency reported the Five Year Plan, Emergency Procedures Manual, Existing Encroachment Permits, and Operation and Maintenance Activity Logs are available upon request.

Adin Community Service District

Modoc County

Contact

No Contact Information Available



Levee Short Name : NA0030

Bank Unit Length (Miles)

No Units Associated with this District.

Threat Assessment & Recommendations

- The LMA should continue to maintain the area at the high level seen during the last Channel inspection.

DWR Levee Inspection Summary

Levees in this District are not Inspected.

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
Ash Creek	A
Dry Creek	A

DWR San Joaquin River Erosion Summary

No Supplemental Erosion Sites.

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
No USACE Ratings available.				

DWR Summary of Local Maintaining Agency Report

No Reporting by this District.

Fairfield Suisun Sewer District

Solano County

Contact

Kevin Cullen
1010 Chadbourne Road
Fairfield CA 94534-9700
Phone: (707) 429-8930



Levee Short Name : NA0035

Bank Unit Length (Miles)

No Units Associated with this District.

Threat Assessment & Recommendations

- Soil and vegetation exist that may significantly impact the capacity of channels in this Area.
- The LMA should ensure that the capacity of the channel as designed and constructed is maintained.

DWR Levee Inspection Summary

Levees in this District are not Inspected.

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
Laurel Creek	M
Ledgewood Creek	M *
McCoy Creek	A
Union Avenue Diversion	A

* Overall channel rating average is less than 20.00%; however, U rated issues are present, so the Overall rating is M instead of A.

DWR San Joaquin River Erosion Summary

No Supplemental Erosion Sites.

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
No USACE Ratings available.				

DWR Summary of Local Maintaining Agency Report

No Reporting by this District.

Placer County

Placer County

Contact

Brian Keating
3091 County Center Drive Suite 220
Auburn CA 95603
Phone: (530) 745-7592



Levee Short Name : NA0045

Bank Unit Length (Miles)

No Units Associated with this District.

Threat Assessment & Recommendations

- The LMA should continue to maintain the area at the high level seen during the last Channel inspection.

DWR Levee Inspection Summary

Levees in this District are not Inspected.

Truckee River

DWR Structure Inspection Summary

Structure Name	Overall Rating
No Structures Inspected in this District.	

DWR Channel Inspection Summary

Channel Name	Overall Rating
Truckee River	A

DWR San Joaquin River Erosion Summary

No Supplemental Erosion Sites.

USACE Periodic Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
No USACE Ratings available.				

DWR Summary of Local Maintaining Agency Report

No Reporting by this District.

Appendix **D**

Relevant Correspondence for the LMA Reporting Program

Report Submission Letter to Libraries, May 3, 2012

Report Submission Letter to Counties, May 3, 2012

2012 Local Maintaining Agency Reporting Requirements Workshop Flyer,
August 2012

Fact Sheet – Local Maintaining Agency Reporting Requirements, Updated
August 2011

Reporting Requirements Letter to the LMAs, August 30, 2012

Local Maintaining Agency Paper Copy Reporting Guidance

Five Part Reporting Forms

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

DWR response to US Fish and Wildlife Letter Regarding Reclamation District
Nos. 2099, 2100, and 2102, November 4, 2010



DEPARTMENT OF WATER RESOURCES

DIVISION OF FLOOD MANAGEMENT
P.O. BOX 219000
SACRAMENTO, CA 95821-9000



May 3, 2012

To: Libraries Designated by California Water Code Sections 9140 and 9141

RE: Issuance of 2011 Local Maintaining Agency Annual Report

We are hereby providing the 2011 Local Maintaining Agency Annual Report to your library. The enclosed CD holds the electronic version of this report. This report contains information provided by Local Maintaining Agencies for Project Levees along the Sacramento and San Joaquin River Flood Control Systems. The Department of Water Resources (the Department) is required to prepare this annual report pursuant to California Water Code Section 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 Maintaining Agency Annual Reports along with other information relating to our program:

<http://cdec.water.ca.gov/lma.html>

Hard copies of this report can be obtained via mail request to: Department of Water Resources, Publications, P.O. Box 942836, Sacramento, CA 94236, 916-653-1097 or by e-mail request to Publications at: imr-publications@water.ca.gov.

Thank you for helping to make this report available to the public. If you have any other question or need additional information, please contact me at teusuff@water.ca.gov or (916) 574-2362.

Sincerely,

A handwritten signature in blue ink that reads 'T Eusuff'.

Tasmin Eusuff, Chief
Local Maintaining Agency Assessment Section

Enclosure

DEPARTMENT OF WATER RESOURCES

DIVISION OF FLOOD MANAGEMENT
P.O. BOX 219000
SACRAMENTO, CA 95821-9000



May 3, 2012

To: Counties Designated by California Water Code Sections 9140 and 9141

RE: Issuance of 2011 Local Maintaining Agency Annual Report

We are hereby providing the 2011 Local Maintaining Agency Annual Report to your county Public Office. The enclosed CD holds the electronic version of this report. This report contains information provided by Local Maintaining Agencies for Project Levees along the Sacramento and San Joaquin River Flood Control Systems. The Department of Water Resources (the Department) is required to prepare this annual report pursuant to California Water Code Section 9141 (AB 156) and is required to send the report to your county 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 Maintaining Agency Annual Reports along with other information relating to our program:

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Hard copies of this report can be obtained via mail request to: Department of Water Resources, Publications, P.O. Box 942836, Sacramento, CA 94236, 916-653-1097 or by e-mail request to Publications at: imr-publications@water.ca.gov.

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 or (916) 574-2362.

Sincerely,

A handwritten signature in blue ink that reads "T. Eusuff".

Tasmin Eusuff, Chief
Local Maintaining Agency Assessment Section

Enclosure



2012 Local Agency Reporting Requirements Workshop California Water Code § 9140 (Assembly Bill 156)

Department of Water Resources

Would you like to know about the improvements made by the Department of Water Resources (DWR) in the Local Maintaining Agency Annual Reporting (LMAAR) Program? Do you want more information about DWR's Levee Inspection Program and criteria? Would you like to be briefed by DWR on the new tool that has been developed for Levee Threat Monitoring?

If you answered "yes" to any of the above questions, please come and join us for the fifth annual workshop hosted by DWR's Flood Project Integrity and Inspection Branch. To accommodate all interested LMAs, DWR will hold the same workshop on two different dates, so please join the one convenient for you. The workshop will provide information to LMAs about the Local Maintaining Agency Annual Reporting Program and features of the electronic web application developed in partnership with the California Data Exchange Center (CDEC).

At each workshop, there will be a demonstration and hands-on exercise session of the web application. The application is designed to provide LMAs with access to flood control system information and to facilitate reporting under the California Water Code (CWC § 9140) requirements resulting from Assembly Bill 156. In addition, staff from our Levee Inspection, Flood Operations Center, and Erosion Survey programs will present information about their programs and will be available to answer questions.

Intended Workshop Audience:

Local agencies and their representatives

Proposed Agenda:

- Introductions
- Review of 2012 Annual Report
- Program Improvements in 2012
- Levee Inspection Program
- Levee Threat Monitoring Guidelines
- Erosion Survey Program
- Hands-on Demonstration of Web Application
- Q&A Session
- Comments

Workshop Sessions:

- 1: August 14, 2012, 9:00–11:00 am.
- 2: August 15, 2012, 1:30–3:30 pm.

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;
Tariq Chechi at (916) 574-2354 (tchechi@water.ca.gov), or
Mahesh Gautam at (916) 574-2759 (mgautam@water.ca.gov).

Your response by August 3, 2012 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 on the website.

Existing users do not need to send another request.

We like to hear from you. Please send any comments or suggestions to:

Tasmin Eusuff at (teusuff@water.ca.gov)
or send them using the CDEC e-mail address provided with the web application.

The updated web application for 2012 reporting is now live.



Last updated: August 2011

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 (CWC) resulting from the adoption of Assembly Bill (AB) 156 (Laird) Flood Control, 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 CWC §9140 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>.

A reporting package is mailed each year to all Local Agencies in July-August. The package includes template forms, reporting instructions, returning envelope, and letter to assist agencies with reporting. The letter provides additional background information on the electronic reporting web application.

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 CWC, Section 9120;
4. The schedule for mapping described in CWC, 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 Mandated Reporting Timelines?

Water Code changes become effective:	July 1, 2008
Local Agency reports to DWR :	Due September 30 each year
DWR consolidates report to CVFPB :	Due December 31 each year

Background on AB 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 CWC 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 (CWC §9140). 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 have the Local Agency Reporting Requirements been added to the Water Code?

AB 156 has added Chapter 9, commencing with Section 9110, to Part 4 of Division 5 of the CWC. 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

Have Other Statutory Changes Resulted from AB 156?

Yes. AB 156 has resulted 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 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 Local Agency reporting requirements or web application, please contact:

Tasmin Eusuff at (916) 574-2362 (teusuff@water.ca.gov), or
Jaime Matteoli at (916) 574-2759 (matteoli@water.ca.gov), or
Tariq Chechi at (916) 574-2354 (tchechi@water.ca.gov)

DEPARTMENT OF WATER RESOURCES

DIVISION OF FLOOD MANAGEMENT
P.O. BOX 219000
SACRAMENTO, CA 95821-9000



August 30, 2012

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) § 9140 Local Maintaining Agency Annual Reporting deadline and the tools available for submitting the required information.

CWC § 9140 includes requirements for Local Levee Maintaining Agencies (Local Agencies) to provide an annual report to DWR on the following five categories of information:

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 2012 is **September 30, 2012**.

In turn, DWR is required to consolidate this information and provide a summary report to CVFPB by **December 31, 2012**.

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>

August 30, 2012
Local Levee Maintaining Agencies
Page 2

This site, developed in coordination with the California Data Exchange Center (CDEC), provides additional references (Fact Sheet, Maps, Reporting Examples, Web Application User Manual, etc) 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
Flood Project Integrity and Inspection Branch
P.O. BOX 219000, Room 256
Sacramento, CA 95821-9000
Attn: Tasmin Eusuff

To meet the CVFPB's December 31 deadline, DWR is encouraging Local Agencies to submit reports by September 30, 2012. Any information submitted after this date may not be included in the 2012 Annual Report.

In an effort to understand and potentially address regulatory challenges faced by local levee maintaining agencies, DWR is interested in learning about future maintenance activities that are likely to remain incomplete because of mitigation requirements, such as when avoidance of species listed by the federal Endangered Species Act and/or the California Endangered Species Act, cannot be met. Please describe these activities under Part 5 of the Local Maintaining Agency's Annual Report. DWR is looking into obtaining permits which could aid locals with these and similar issues, but need a better understanding of the size and scope of the problem. If you have questions about this reporting, please contact Leah McNearney at (916) 653-8170 or lmcnearn@water.ca.gov.

Additionally, to qualify for the DWR Flood Emergency Response Grants, Local Agencies must be in compliance with Local Maintaining Agency Annual Report. If you need more information regarding these grants, please visit <http://www.water.ca.gov/floodmgmt/hafoo/fob/floodER/> or contact Pat Clark at (916) 574-1249 (clarkp@water.ca.gov).

If you have any other question or comment regarding the Local Maintaining Agency Annual Reporting program (CWC § 9140), please contact me at (916) 574-2362 (teusuff@water.ca.gov), Tariq Chechi at (916) 574-2354 (tchechi@water.ca.gov) or Mahesh Gautam at (916) 574-2759 (mgautam@water.ca.gov).

Sincerely,



Tasmin Eusuff, Chief
Local Maintaining Agency Assessment Section

Enclosures

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) § 9140.

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 § 9140 is shown below:

CWC § 9140 '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, 2011 – June 30, 2012)
Part 4 Reporting	Statement of Levee Work and Estimated Cost for Operation & Maintenance for Current Fiscal Year (July 1, 2012 – June 30, 2013)
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 30th of each year**.

Further guidance on the type of information requested is described below:

Part 1 Reporting: Issues Relevant to Levee Condition or Performance	
<i>Type of Information Requested</i>	<i>Condition/Performance Feature or Category</i>
<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 Condition/Performance Feature or Category 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&M) Manuals published for the Sacramento and San Joaquin River Flood Control Projects, inspection checklists provided in the Supplemental Unit O&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/Piezometers	
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

<i>Type of Information Requested</i>	Condition Feature or Category
<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 Condition Feature or Category 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&M) Manuals published for the Sacramento and San Joaquin River Flood Control Projects and the associated Supplemental Unit O&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, 2011 – June 30, 2012)

Type of Information Requested	Maintenance Category
<p>Reporting that is due on September 30th each year for Part 3 encompasses maintenance activities performed during the previous fiscal year (July 1, 2011 – June 30, 2012). The list of Maintenance Categories 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&M) Manuals published for the Sacramento and San Joaquin River Flood Control Projects, the associated Supplemental Unit O&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, 2012 – June 30, 2013)

Type of Information Requested	Maintenance Category
<p>Reporting that is due on September 30th 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 current fiscal year (July 1, 2012 – June 30, 2013). The list of Maintenance Categories 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&M) Manuals published for the Sacramento and San Joaquin River Flood Control Projects, the associated Supplemental Unit O&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

<i>Type of Information Requested</i>	Other Relevant Information													
<p>In Part 5, the Department would like to receive other information known by the Local Agencies relevant to levee condition or performance. The Other Relevant 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 is intended as a guide to the type of information 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>Plat 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>EAP, EOP, and ERP</td></tr> <tr><td>Other</td></tr> </table>	Historical Construction Issues	Dump/Hazardous Waste Sites	Construction Drawings/As-Builts	Plat Maps	Reports/Studies	Geotechnical Investigations	Well Logs	Encroachments	Rights of Way/Easements	Permits/MOU's	Safety Plan	EAP, EOP, and ERP	Other
Historical Construction Issues														
Dump/Hazardous Waste Sites														
Construction Drawings/As-Builts														
Plat Maps														
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Well Logs														
Encroachments														
Rights of Way/Easements														
Permits/MOU's														
Safety Plan														
EAP, EOP, and ERP														
Other														

Agency Name:	Date:
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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, 2011 – June 30, 2012)

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, 2012 – June 30, 2013)

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	Estimated Cost

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)



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



November 4, 2010

To: Kim Forrest, Fish and Wildlife Service

RE: Response to your September 1, 2010 letter and request for reprint

Thank you for clarifying the ownership and maintenance situation regarding the non-functional Reclamation Districts 2099, 2100, and 2102.

We do not expect any reports from this area. However, until we receive a letter from US Corps of Engineers indicating changes in their Operation and Maintenance Manual, we are required according to CWC §9141 to keep these non-functional districts in our list.

We request your permission to use your September 1, 2010 letter in our 2010 Annual Report to explain the situation to the Central Valley Flood Protection Board. If you prefer a different version of the letter, please send it to the address below.

If you have any questions, please call or email me at 916-574-2362 or teusuff@water.ca.gov.

Thank you for good cooperation with us.

Sincerely,

A handwritten signature in cursive script, appearing to read "T. Eusuff".

Tasmin Eusuff, Chief
Local Maintaining Agency Assessment Section
CA Department of Water Resources
P.O. Box 219000
Sacramento, CA 95821



Appendix **E**

Supplemental Figures and Tables for the Inspection Program

This Appendix contains additional figures and tables for the results of the fall 2012 Levee Inspections.



The following figures supplement information contained in Sections 2 through 4 of the main report. In general, these figures present different ways of analyzing maintenance results such as plotting information separately for the Sacramento and San Joaquin river basins or plotting results by type of deficiency. Data shown in these figures and tables for the thirty-one Areas that were not inspected in 2010 are from fall 2009 data as discussed in the body of this report.

2012 Levee Maintenance Inspections

- Figure E-1 shows the levee maintenance inspection ratings grouped by Sacramento River, San Joaquin River, and Miscellaneous basins
- Figure E-2 shows the changes in ratings grouped by basin.
- Figure E-3 shows the percentage of miles of levees with deficiencies in the total system for each type of rated items. Vegetation deficiencies make up the vast majority of the miles in all years. In 2012 crown surface and animal control deficiencies were also significant contributor to the total length of levees with deficiencies.
- Figure E-4 shows the same information as Figure E-3 but is separated by basin. Encroachment issues with an Enforcement Issue Type are not included in these figures.
- Table E-1 shows the length, in miles, of Minimally Acceptable (M) and Unacceptable (U) issues for each category in the total system and the percentage of the total project length along which these lengths occur. Also shown in this table is the change in M and U lengths as well as the resultant change in the percent of total project lengths. Tables E-2, E-3, and E-4 show similar information to Table I-1 but only contain the lengths for the Sacramento River, San Joaquin River, and Miscellaneous basins, respectively.
- Figures E-5 and E-6 are maps of the Sacramento and San Joaquin systems, showing the location and rating of each LMA. To find the general location of an LMA, refer to Appendices A, B and C.

Figure E-1: LMA Maintenance Rating Comparison for 2007 through 2012 by Basin

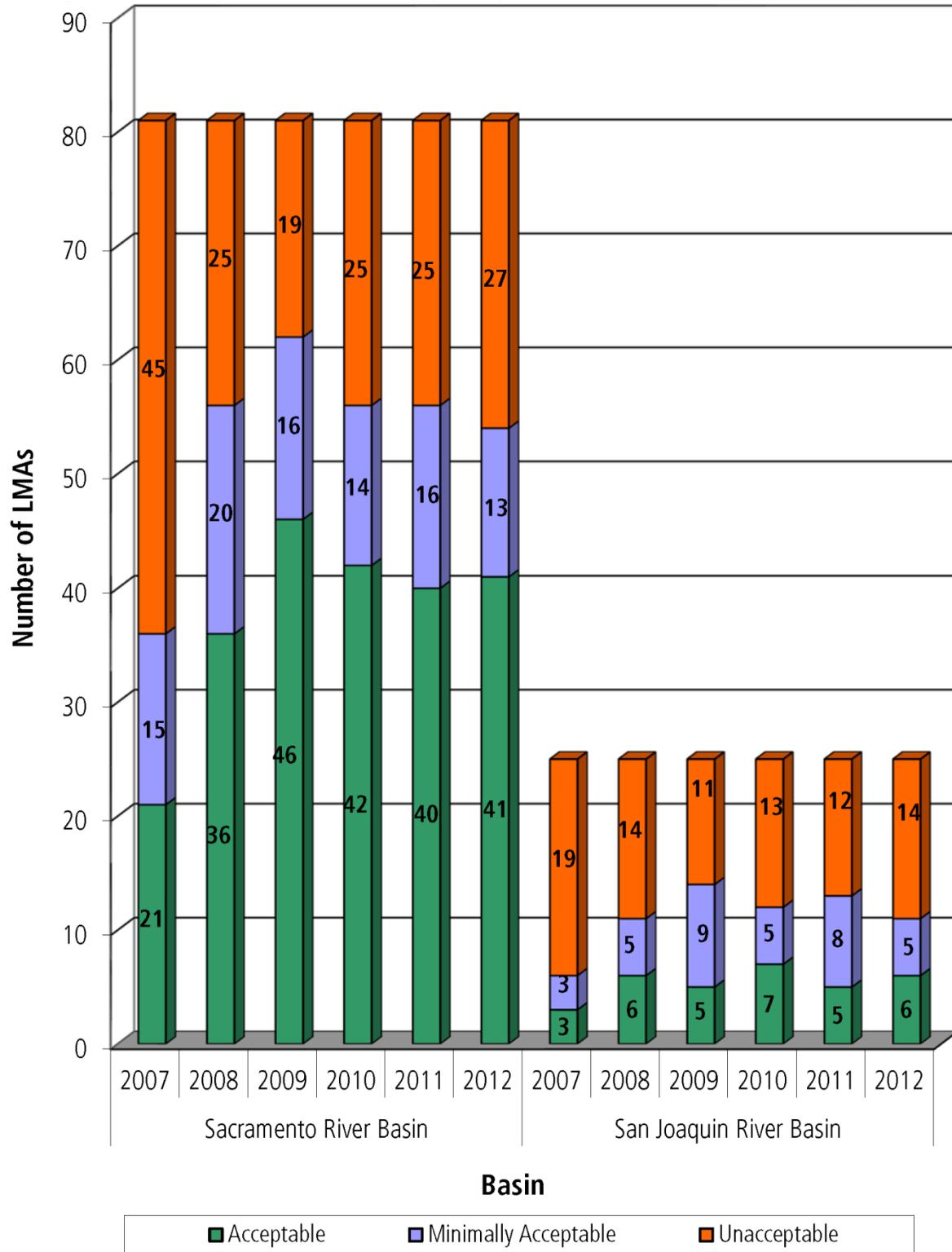


Figure E-2: LMA Maintenance Rating Changes from Fall 2007 to Fall 2012 by Basin

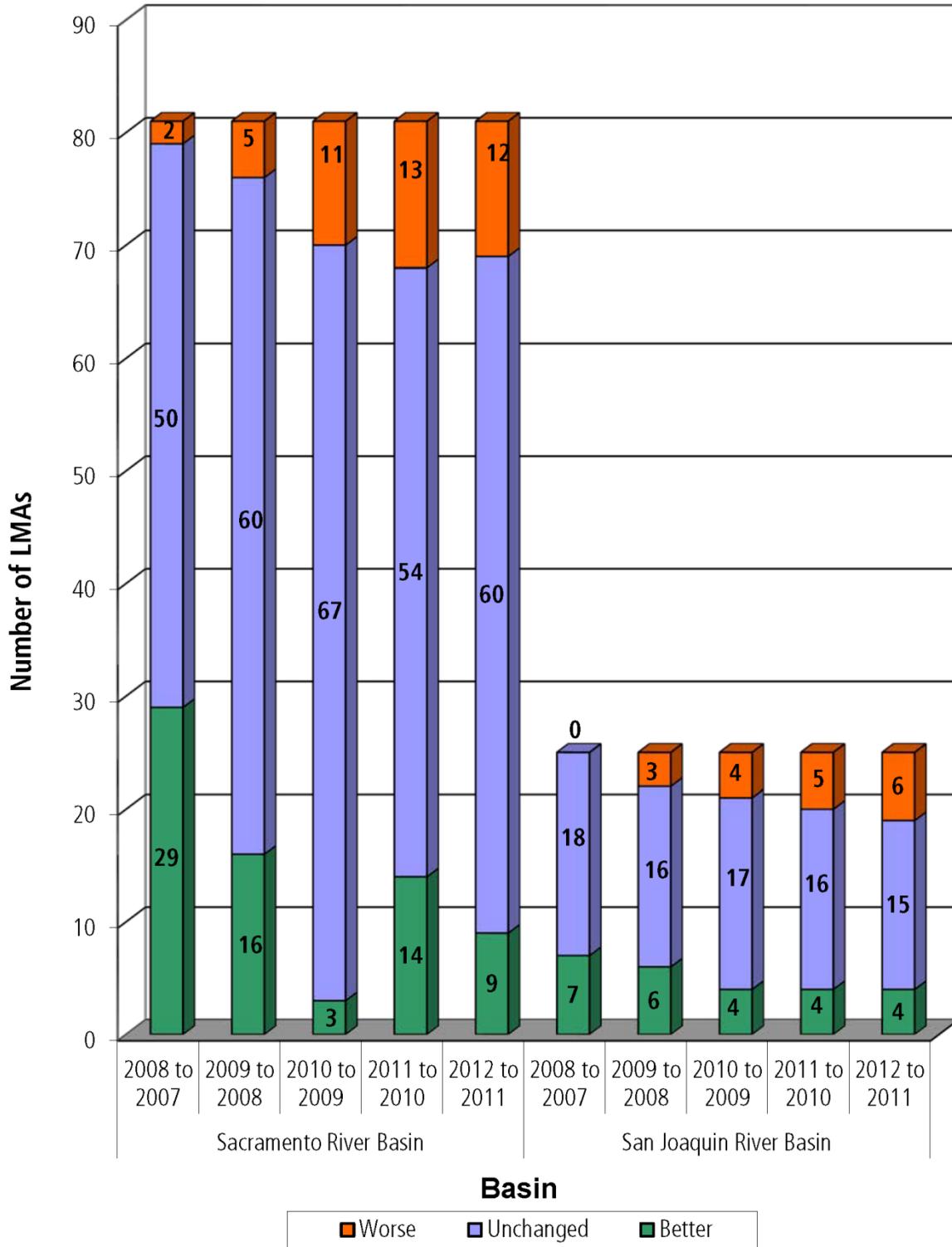


Figure E-3: Percentage of Total System Levee Miles with Maintenance Deficiencies

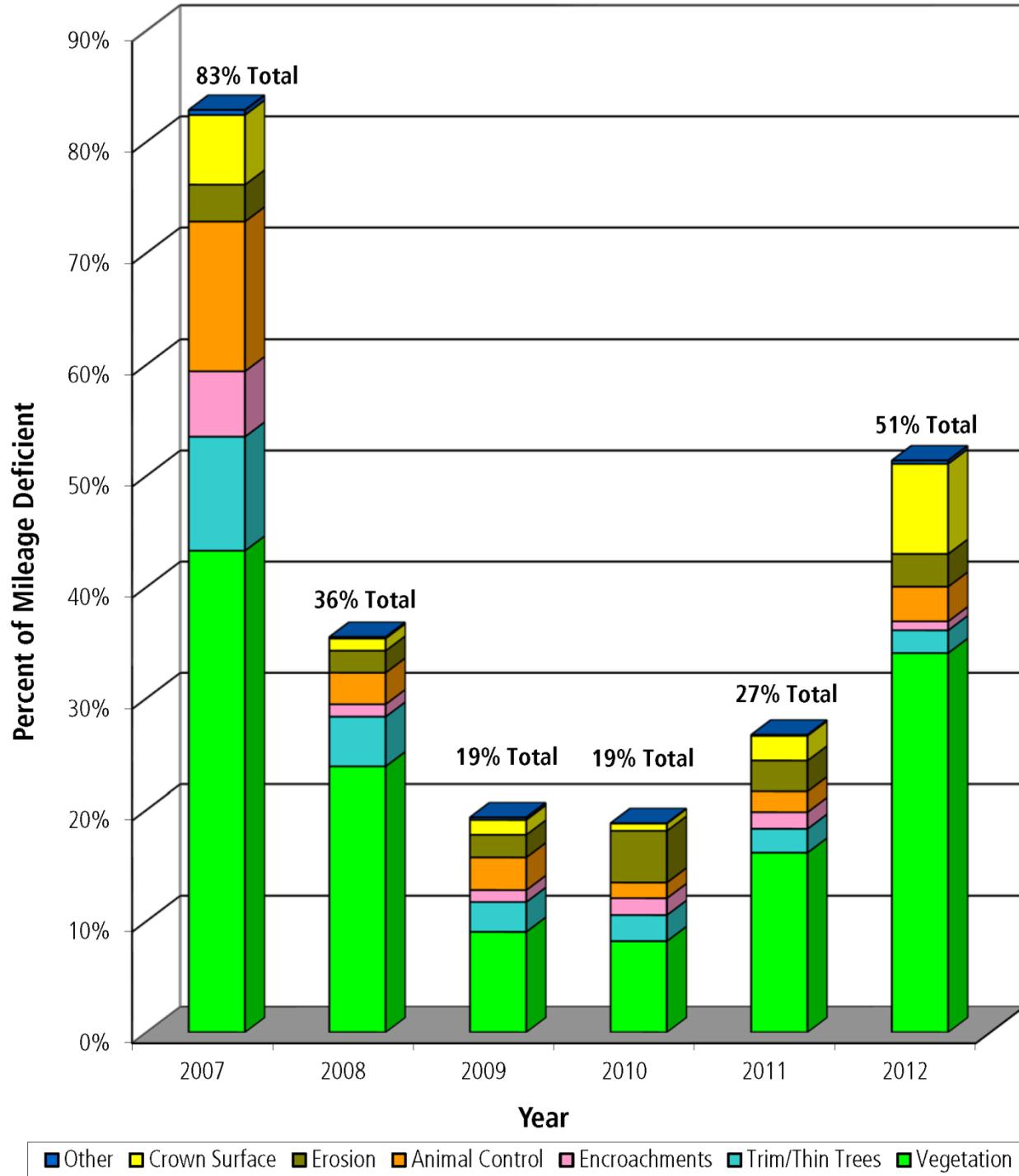


Figure E-4: Percentage of Levee Miles with Maintenance Deficiencies by Basin

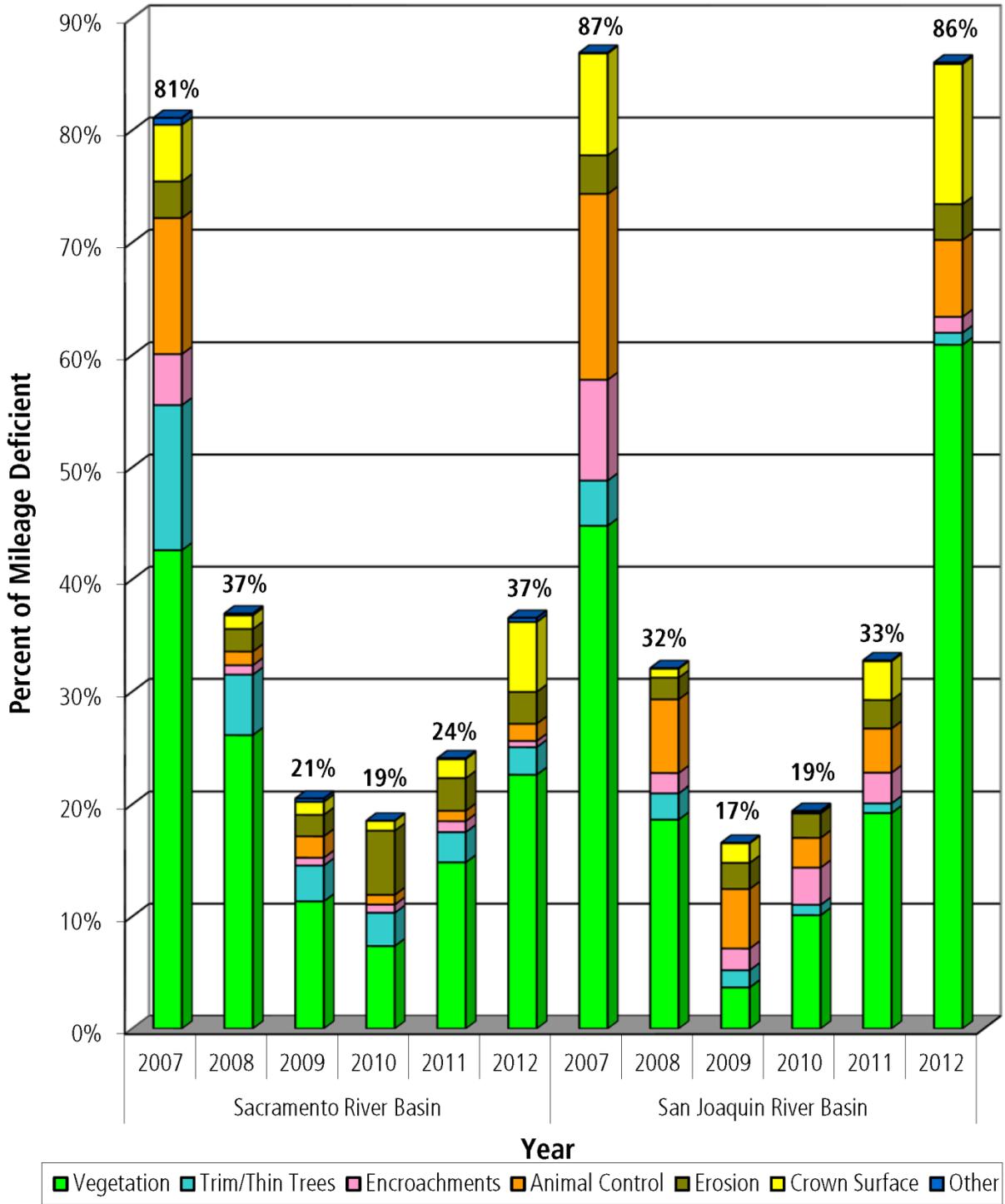


Table E-1: Total of Maintenance Issue Lengths for 2011 and 2012

Total Project Length: 1576.04 miles	Fall 2011				Fall 2012				Change			
	M Miles	U Miles	M+4U Miles	Threshold Percent	M Miles	U Miles	M+4U Miles	Threshold Percent	M Miles	U Miles	M+4U Miles	Threshold Percent
Rated Item												
Vegetation	185.58	17.28	254.70	16.16%	377.95	39.75	536.95	34.07%	192.37	22.47	282.25	19.71%
Trim/Thin Trees	17.53	4.08	33.85	2.15%	15.82	4.10	32.22	2.04%	-1.71	0.02	-1.63	-0.10%
Encroachments	17.61	1.47	23.49	1.49%	11.71	0.26	12.75	0.81%	-5.90	-1.21	-10.74	-0.68%
Animal Control	27.24	0.44	29.00	1.84%	40.64	2.12	49.12	3.12%	13.40	1.68	20.12	1.28%
Erosion	25.97	4.40	43.57	2.76%	24.07	5.60	46.47	2.95%	-1.90	1.19	2.86	0.18%
Crown Surface	33.91	0.30	35.11	2.23%	88.11	9.90	127.71	8.10%	54.20	9.60	92.60	5.87%
Other	0.93	0.08	1.25	0.08%	4.45	0.06	4.69	0.30%	0.09	-0.02	0.01	0.00%
Total	308.77	28.05	420.97	26.71%	562.75	61.79	809.91	51.38%	250.55	33.73	385.47	24.45%

Table E-2: Sacramento River Basin Maintenance Issue Lengths for 2011 and 2012

Sacramento Project Length: 1104.22 miles	Fall 2011				Fall 2012				Change			
	M Miles	U Miles	M+4U Miles	Threshold Percent	M Miles	U Miles	M+4U Miles	Threshold Percent	M Miles	U Miles	M+4U Miles	Threshold Percent
Rated Item												
Vegetation	109.45	13.35	162.85	14.82%	150.40	24.77	249.48	22.59%	40.95	11.42	86.63	7.89%
Trim/Thin Trees	14.30	3.85	29.70	2.70%	13.16	3.50	27.16	2.46%	-1.14	-0.35	-2.54	-0.23%
Encroachments	7.59	0.77	10.67	0.97%	5.57	0.12	6.05	0.55%	-2.02	-0.65	-4.62	-0.42%
Animal Control	10.02	0.04	10.18	0.93%	16.82	0.05	17.02	1.54%	6.80	0.01	6.84	0.62%
Erosion	22.86	2.15	31.46	2.86%	20.71	2.66	31.35	2.84%	-2.15	0.51	-0.11	-0.01%
Crown Surface	18.29	0.07	18.57	1.69%	30.13	9.67	68.81	6.23%	11.84	9.60	50.24	4.57%
Other	0.77	0.03	0.89	0.08%	3.86	0.04	4.02	0.36%	0.12	0.01	0.16	0.01%
Total	183.28	20.26	264.32	24.06%	240.65	40.81	403.89	36.58%	54.40	20.55	136.60	12.44%

Table E-3: San Joaquin River Basin Maintenance Issue Lengths for 2011 and 2012

San Joaquin Project Length: 471.82 miles	Fall 2011					Fall 2012					Change					
	M Miles	U Miles	M+4U Miles	Threshold Percent	M Miles	U Miles	M+4U Miles	Threshold Percent	M Miles	U Miles	M+4U Miles	Threshold Percent	M Miles	U Miles	M+4U Miles	Threshold Percent
Rated Item																
Vegetation	76.13	3.93	91.85	19.23%	227.55	14.98	287.47	60.93	192.37	22.47	282.25	17.91%	-192.37	-22.47	-282.25	17.91%
Trim/Thin Trees	3.23	0.23	4.15	0.87%	2.66	0.60	5.06	1.075	-1.71	0.02	-163	-0.10%	1.71	-0.02	163	0.10%
Encroachments	10.02	0.70	12.82	2.68%	6.14	0.14	6.70	1.425	-5.90	-1.21	-10.74	-0.68%	5.90	1.21	10.74	0.68%
Animal Control	17.22	0.40	18.82	3.94%	23.82	2.07	32.10	6.805	13.40	1.68	20.12	1.28%	-13.40	-1.68	-20.12	1.28%
Erosion	3.11	2.25	12.11	2.53%	3.36	2.94	15.12	3.205	-1.90	1.19	2.86	0.18%	1.90	-1.19	-2.86	0.18%
Crown Surface	15.62	0.23	16.54	3.46%	57.98	0.23	58.90	12.485	54.20	9.60	92.60	5.87%	-54.20	-9.60	-92.60	5.87%
Other	0.16	0.05	0.36	0.08%	0.59	0.02	0.67	0.145	0.09	0.02-	0.01	0.00%	-0.09	-0.02-	-0.01	0.00%
Total	125.49	7.79	156.65	32.79%	322.10	20.98	406.02	86.055	250.55	33.73	385.47	24.45%	-125.49	-7.73	-156.47	24.45%

Figure E-5: Map of 2012 Local Maintaining Agency Ratings; Northern Area

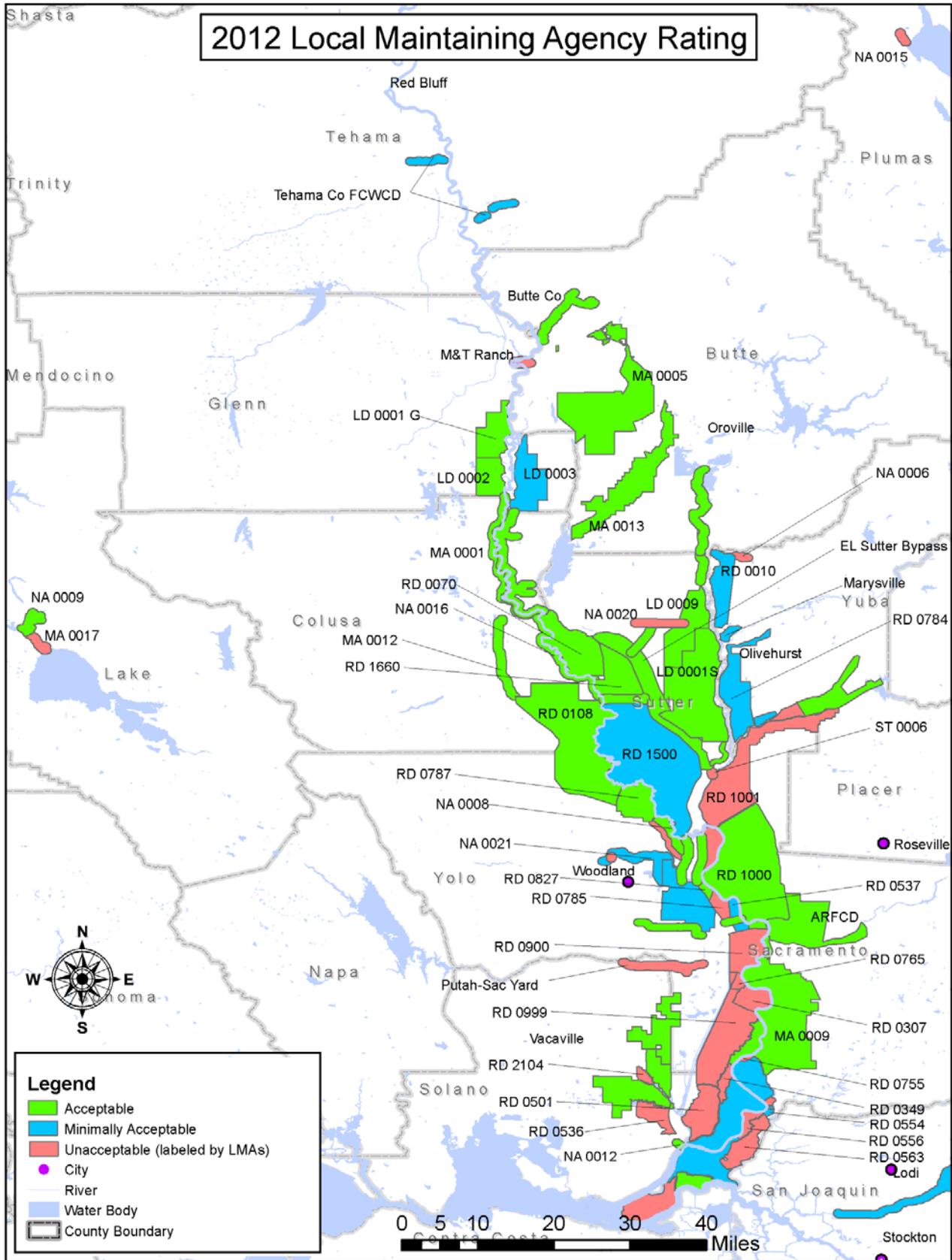


Figure E-5: Map of 2012 Local Maintaining Agency Ratings; Southern Area

