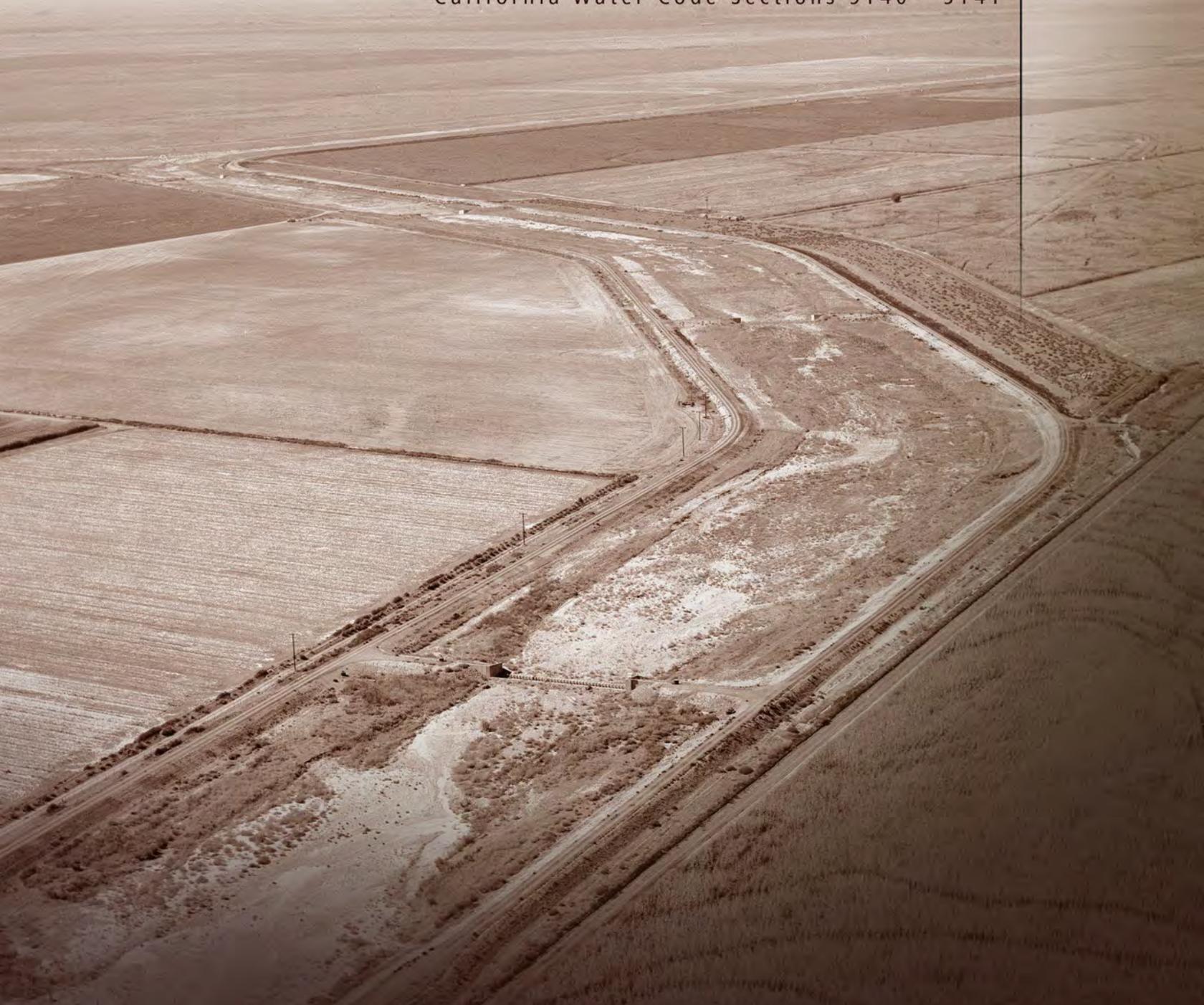


2013

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

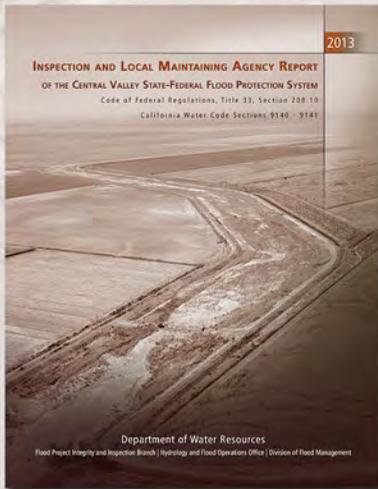


Department of Water Resources

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



Prepared and printed by
California Department of Water Resources



Distribution Information

Bound hard copy reports have been distributed to Local Maintaining Agencies and the Central Valley Flood Protection Board (CVFPB) members and staff. An electronic copy can be obtained from the websites of the Department of Water Resources (Department) at (<http://cdec.water.ca.gov/lma.html>) or the CVFPB (<http://www.cvfpb.ca.gov>). Counties, cities, and public libraries within the jurisdictional areas of Local Maintaining Agencies have been provided with electronic copies of the report as well. Additional hard copies can be obtained via mail request to: 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.

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STATE OF CALIFORNIA
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Department of Water Resources
 Mark Cowin
 Director

Dale Hoffman-Floerke Chief Deputy Director	Paul Helliker Deputy Director	Gary Bardini Deputy Director
John Pacheco Acting Deputy Director	Kathie Kishaba Deputy Director	Carl Torgersen Deputy Director

Division of Flood Management

Keith Swanson Chief, Division of Flood Management
 Arthur Hinojosa Chief, Hydrology and Flood Operations Office
 Don Rasmussen Chief, Flood Project Integrity and Inspection Branch

Prepared by

David Pesavento Chief, Flood Project Inspection Section
 Tasmin Eusuff Chief, Local Maintaining Agency Assessment Section
 Tariq Chechi Water Resources Engineer
 Mahesh Gautam Water Resources Engineer
 Shawn Perkins Water Resources Technician II
 Amardeep Singh Chief, Integrity Section A
 Nekane Hollister Chief, Integrity Section B
 David Chen Water Resources Engineer
 Max Khashchuk Water Resources Engineer
 Pavel Kazi Water Resources Engineer
 David Parker Chief, California Data Exchange Center
 Joni Hirabayashi Staff Programmer Analyst
 Bing Zhang Staff Programmer Analyst
 Gurmeet Hajrah Staff Programmer Analyst

Inspections Conducted by

Max Khashchuk Water Resources Engineer
 Pavel Kazi Water Resources Engineer
 Herman Phillips Water Resources Engineering Associate
 Robert Duffey Water Resources Technician II
 Richard E. Willoughby Water Resources Technician II
 John Williamson Water Resources Technician II
 Matthew Hoffman Water Resources Technician I
 David Chen Water Resources Engineer

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- Inspectors of DWR's Flood Project Integrity and Inspection Branch
- Local Maintaining Agencies, consulting firms, and their representatives, who participated in meetings and workshops
- DWR Printing Production for their support

Reader's Guide

This report is a compilation of data collected by various programs but primarily the data gathered by FPIIB. It includes information on Project levee maintenance of the State-federal Flood Control System derived from programs such as DWR inspections, DWR's summary of LMA annual reporting derived from Assembly Bill 156 (2007), United States Army Corps of Engineers' (USACE) Inspections, DWR's Erosion Survey in the San Joaquin River, Flood System Repair Project's point of interest data, and the USACE's Sacramento Bank Project erosion data along with other relevant information. The report helps LMAs accessing their individual agency report as well as other agency reports easily and conveniently. Because the report covers many programs and activities, this Reader's Guide has been provided to help the reader navigate the report.

The report consists of seven sections and twelve appendices (Appendix A through Appendix L). Appendices A through E are included in the hard copy of the report 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, an aerial map of the levee segment(s), levee information, DWR inspection results, erosion surveys, USACE inspection 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. The Directory of Flood Officials uses this contact information in the annual directory produced by the State-federal Flood Operations Center (FOC). A generic threat assessment and recommendation for each LMA has also been developed by DWR. Each of these appendices is preceded by system maps that show the boundaries of LMAs within the Sacramento and San Joaquin river basins.

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

Appendix D covers relevant correspondence 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 and include Appendix F: Maintenance Requirements and Responsibilities of Inspection, Appendix G: Inspection Category Rating Descriptions, Appendix H: Fall 2013 Levee Maintenance Inspection Summary Reports, Appendix I: 2013 Channel Maintenance Inspection Summary Reports, Appendix J: 2013 Structure Maintenance Inspection Summary Reports, Appendix K: 2013 Pumping Plant Maintenance Inspection Summary Reports, and Appendix L: 2013 Supplemental Erosion Survey of the San Joaquin River System Detailed Reports.

It may be helpful for the reader to refer to the document titled State Plan of Flood Control Descriptive Document (November 2010), included as an attachment to the 2012 Central Valley Flood Protection Plan (CVFPP, July 2012). The information included in the State Plan of Flood Control Descriptive Document compliments to this report.

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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 2013 Levee Maintenance Inspection Summary Reports—Included on the enclosed CD

Appendix I: 2013 Channel Maintenance Inspection Summary Reports—Included on the enclosed CD

Appendix J: 2013 Structure Maintenance Inspection Summary Reports—Included on the enclosed CD

Appendix K: 2013 Pumping Plant Maintenance Inspection Summary Reports—Included on the enclosed CD

Appendix L: 2013 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 Wildlife
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	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

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1 INTRODUCTION

1.1 Purpose and Scope of Inspection Program

Congress authorized the Sacramento River Flood Control Project (SRFCP) in 1917, and subsequent supplemental authorizations (e.g. Sacramento River major and minor tributaries, American River levees, etc.) have added components to the SRFCP over the years. The San Joaquin River Flood Control System consists of a number of separate federally authorized flood control projects, most of which have been built since the 1940's (e.g. Merced and Fresno county stream groups, Lower San Joaquin River, federal projects and State designated floodways on virtually all the Sierra rivers draining into the San Joaquin Valley and the Tulare Lake Basin). The two major river flood control systems have combined totals of approximately 1,600 miles of federal Project levees, 1,200 miles of designated floodways (148,000 acres), several thousand acres of project channels, and 53 other major flood protection works (as an example overflow weirs, flood relief structures, outfall gates, and pumping plants).

The federal government acting through the United States Army Corps of Engineers (USACE) designed and constructed many of these federal levees and other flood control works; some existing levees were also incorporated into the Sacramento and San Joaquin protection systems through the passage of federal statute. The State generally provides lands, easements, and rights-of-ways when necessary for project construction. An exception to this process is the Lower San Joaquin River Flood Control Project that was designed and constructed to federal standards by the State (substituting physical works for acquisition of more costly flowage easements required for the authorized federal project). Local public entities, called Local Maintaining Agencies (LMAs) within both river systems have the responsibility, liability, and duty to maintain and operate the levees and other flood protection works on a day-to-day basis in accordance with guidelines provided in the USACE's Standard Operations and Maintenance (O&M) Manual and each applicable supplement for individual project units. The only flood protection features for which operation and maintenance is not performed by local entities are those SRFCP works maintained by the Department of Water Resources (DWR) in accordance with Water Code § 8361, and those SRFCP levees within maintenance areas that are maintained by DWR, with local beneficiaries paying the costs, under Water Code § 12878.

DWR, under the authority of Water Code § 8360, § 8370, and § 8371, performs a verification inspection of the maintenance of the SRFCP levees performed by the local responsible agencies, and reports to the USACE periodically regarding the status of levee maintenance accomplished under the provisions of Title 33, Code of Federal Regulations (CFR), Section 208.10. While there are no specific water code provisions directing DWR to inspect and report on Maintenance of the San Joaquin River Flood Control System, DWR has performed inspections and provided reports for many years as a matter of practice that is consistent with Title 33, CFR. The inspections thus verify, for both river systems, that local agencies are performing their legal and statutory responsibilities pursuant to Water Code § 12642 and § 12657, and are meeting their legal obligations under assurance agreements with the State to operate and maintain their flood control projects "on any stream flowing into or in, the Sacramento Valley or the San Joaquin Valley". The State inspects and reports only on the status of maintenance practices and on observable levee conditions. The State does not routinely conduct field studies to assess the structural integrity of the levees or their foundations as part of its annual inspection program. However, in support of the State's system-wide planning efforts and flood project implementation, the State utilized funding from the Disaster Preparedness and Flood Protection Bond Act of 2006 (Proposition

Maintenance Inspection Reporting

2013 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.

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.

1E) to conduct extensive geotechnical data collection efforts and studies to assess the structural integrity of the levees and their foundations under the urban and non-urban levee evaluations programs.

The *Inspection and Local Maintaining Agency Report of the Central Valley State-Federal Flood Control System* has been produced for many decades and has undergone a series of changes. This report is also known as the *Status of Project Levee Maintenance* in some documents.

- Beginning in 2003, the DWR Flood Project Inspection Section (FPIS) and subsequently the Flood Project Integrity and Inspection Branch (FPIIB) has conducted field survey of the waterward erosion sites and reported them. In addition, the obvious signs of structural weakness such as longitudinal cracks in the crown or slope of the levee, sloughing, or any other noticeable sign of movement within the cross section of the levee are also reported.
- In 2007 the inspection criteria and tools were modified to be more consistent and document deficiencies in a geo-referenced database format and reports on individual LMAs were modified to provide more complete documentation.
- This report was modified in 2012 to include information submitted by LMAs pursuant to California Water Code (CWC) § 9141 and added general threat assessment and recommendations in new Summary Profiles for each area. Other information is also shown in the profiles.
- In 2013 this report was modified to include information gathered by the FPIIB as a part of the Utility Crossing Inventory Program. The FPIS conducts two comprehensive levee inspections and one channel and structure inspection each year. Information from USACE erosion surveys on the Sacramento River is also included. Deficiencies are noted and each agency receives a rating for the facilities within its maintenance responsibilities based on the fall inspections.

DWR completes spring inspections in May, 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 completes annual fall inspections in November, 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. Project facilities are inspected at least four times each year, there are other inspection reports for different uses (see side bar, page 6). DWR compiles this information for use by stakeholders and 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 levees less frequently than DWR does, but the USACE is able to take more time and do a more thorough inspection. The USACE also determines overall ratings differently than DWR, by systems. The USACE defines systems as being comprised of levees that protect a common area. This can include multiple units or LMAs. The USACE uses the overall ratings from these inspections to determine eligibility in its Rehabilitation and Inspection Program (RIP), which is also known as PL 84-99. This report includes the ratings and eligibility status in the RIP for systems impacting LMAs in the LMA summary profiles.

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. From 2008-2011, the program developed annual reports covering only this activity. However, from 2012 on, LMA reports are combined with reports from the inspection program and other programs as recommended by the CVFPB at their March 2012 Board meeting.

DWR identified 86 LMAs that are required to submit information to DWR pursuant to California Water Code (CWC) Sections 9140 and 9141. These 86 LMAs encompass 107 unique geographical areas called Areas.

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 and provides the report to the CVFPB by December 31 of each year. The information submitted by LMAs includes levee conditions and operation and maintenance activities. This information is (1) es-

sential 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 program is also known as Five-part Reporting Program as it requires LMAs to submit information on five parts as specified in the code.

The LMA report is currently being implemented as part of DWR's Flood Emergency Response, part of California's multi-faceted FloodSAFE California initiative which is 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 2013

DWR applied inspection criteria and overall rating methodology similar to those used in inspections since 2007. Overall, the system showed continued maintenance improvements between 2007 and 2010 and approximately the same amount of deficiencies in 2013 as in 2012.

- The results of the 2013 levee inspections show 40 of the 106 Areas receiving Unacceptable ratings, decreasing from 41 in 2012. The number of Areas receiving Acceptable ratings decreased from 47 in 2012 to 42 in 2013. The number of Areas receiving Minimally Acceptable ratings increased from 18 in 2012 to 24 in 2013.
- There was a slight increase in the overall length of deficiencies in 2013 compared to 2012. The overall length of issues decreased in the San Joaquin River Basin, but increased in the Sacramento River Basin. The overall increase compared to previous years can be attributed to the increase in the lengths of vegetation deficiencies but also crown surface and some animal control deficiencies. In 2013 the length of crown surface deficiencies decreased while vegetation and animal control issues increased. 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 2013 inspection yielded 19 channels, 37 structures and 11 pumping plants rated as Acceptable; 6 channels, 8 structures and 2 pumping plants rated as Minimally Acceptable; and 1 channel rated as Unacceptable.
- Inspectors also inspect Central Valley Flood Protection Board encroachment permits for compliance with regulations on behalf of the CVFPB. Inspectors closed 21 permits in 2013.
- In 2013 LMAs were again encouraged to use the online LMA Reporting Application to report findings from their summer and winter inspections. Information added to inspections by the LMAs are available in the field for DWR inspectors during the following inspections.
- Penetrations through SPFC levees documented through the Utility Crossing Inventory Program (UCIP) were included in the Levee Mile Reports (LMRs) in 2013. Penetrations rated as Urgent in UCIP were noted as Unacceptable on the LMRs while penetrations rated as Non-Urgent were noted as Minimally Acceptable. No other penetrations were included on the LMRs. All UCIP issues were noted as Enforcement issue type and will not be included in an LMA's overall rating until more of the questions about penetrations are answered.
- FPIIB has completed desk studies of UCIP for about 1600 miles of the SPFC levees. These desk studies entailed extensive review of historical information such as CVFPB encroachment permits, DWR Levee Logs, Local Maintaining Agency's (LMA) records, and USACE Operation and Maintenance Manuals to identify location and characteristics of pipes. About 7500 penetrations through the SPFC levees were identified during these desk studies. FPIIB is currently performing field surveys to verify locations and document the existing condition of these pipes based on external visual inspection. Field surveys have been completed for about 1000 miles of levees and approximately 4500 penetrations. FPIIB is expecting to complete the field verification of all the penetrations identified in the desk studies by June 2014.
- UCIP field survey and desk study data has been integrated with Local Maintaining Agency Annual Reporting web application. This web application will enhance coordination and exchange of UCIP data with LMAs, CVFPB and USACE.

- FPIS staff review available data, including inspections and erosion sites, and provide general statements of potential threats in each Area as well as recommendations for future maintenance on a specific Area. These “Threat Assessment & Recommendations” are included in Appendices A and B.
- DWR processed data from the Flood System Repair Program and uses it as Points of Interest. This data is included for each LMA in Appendices A and B. This information can be used by LMAs and other emergency responders so they can monitor these locations during a high water event.

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 the responsibilities outlined in Project O&M Manuals—are also included in Appendix F.

Additional FPIIB 2013 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 2013.
- FPIIB staff continued to coordinate with and support the FOC in conducting and preparing emergency exercises, assisting in the Flood Fight Methods training, and general preparedness in responding to any flood emergency.
- In 2013 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 provided information for the development of ongoing planning efforts derived from the 2012 Central Valley Flood Protection Plan including vegetation research and planning.

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. DWR’s inspection program has been made available to interested LMAs for their use.

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 2013

The 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.

The statistics provided for the LMA reporting program is based on the following criteria: “LMAs with at least a partial response were considered to have provided reports,” which means that if an LMA response only to one of the five parts, the LMA is considered to be compliant with the requirement. However DWR is working with LMAs to encourage improved and complete reporting. DWR is communicating to LMAs to provide quality reporting because their performance in reporting will be evaluated critically than before. DWR’s grant programs particularly the ones administered in the Division of Flood Management/DWR are using the LMA reporting performance as a basis of increased cost-share criteria for their grants.

Appendices A and B include summary profiles of individual LMAs that maintain Project levees along the Sacramento River and San Joaquin River, respectively. Summary profiles for LMAs that do not maintain Project levees are provided in Appendix C. These profiles include maintenance activity summary reports (known as five-part reporting) as well as other program results like inspection, erosion, etc. DWR will use this information to evaluate levees, monitor levee conditions throughout the system, and provide threat assessments (if applicable) to individual LMAs. The information will also be used by the comprehensive FloodSAFE California initiative to improve public safety and manage residual flood risk. The highlights of the LMA Reporting Program for 2013 are:

- In this year of required reporting, 94 percent of LMAs representing 96 percent Area complied with the reporting requirement. Table 1-1 summarizes information LMAs submitted to DWR in 2013.

Table 1-1: Summary of Information Reported by LMAs

Reporting Categories	Reporting Measurement Type	Number of Occurrences
Reporting	LMAs subject to reporting requirements	86
	LMAs submitted reports	81
	Geographical areas subject to reporting requirements	107
	Reports received on geographical areas	102
	Areas reporting information relevant to condition or performance	71
	Areas reporting conditions that might compromise level of flood protection	76
	Areas reporting summary of activities during the previous fiscal year	98
	Areas reporting summary of activities for the current fiscal year	96
	Areas reporting an estimated budget for maintenance during the current fiscal year	93
Maintenance and Repair Activities Reported	Areas reporting routine annual vegetation maintenance	92
	Areas reporting rodent/animal control	71
	Areas reporting levee crown grading/access road maintenance	53
	Areas reporting encroachment control	50
	Areas reporting minor structure (mile markers, gate, barricades, miscellaneous signs)maintenance or repair	40
	Areas reporting levee repairs (hole grouting, erosion repair, revetment, rip-rap, slope repair)	28
	Areas reporting seepage control	2
Levee Conditions Reported	Areas reporting encroachment issues	16
	Areas reporting erosion, channel migration, or revetment issues	35
	Areas reporting in-channel and other vegetation issues	25
	Areas reporting seepage and sand boil issues	12
	Areas reporting levee compaction, settlement, or freeboard issues	7
	Areas reporting sedimentation issues	5

- Although submission of annual reporting to DWR is required by law, a few LMAs did not respond to this requirement. Table 1-2 lists the LMAs that did not submit a report in 2013.

Table 1-2: Non-reporting LMAs

Honcut Creek Eastern Area (Sacramento System)	Levee District No. 9 (Sacramento System)
Reclamation District No. 827 (Elkhorn; Sacramento System)	Reclamation District No. 2035 (Conaway; Sacramento System)
Yolo County Public Works (Sacramento System)	

- Only 5 out of 81 (6.2 percent) areas from the Sacramento System did not report in 2013. Further details on reporting statistics is given in Figure 6-2.
- Since 2008, DWR has been facilitating electronic submission and strongly encouraging LMAs to use the LMA Reporting Website. In 2013 about 75 percent of reporting LMAs reported electronically, which is a 7 percent increase over 2012. Details of DWR outreach activities for electronic submission and others are provided in Figure 6-7.
- Ninety eight Areas reported their maintenance activities for the previous fiscal year, 2012-13. Key reported maintenance activities are vegetation control, rodent control, levee crown grading and access road maintenance, encroachment control, minor structure repair, levee repair, and seepage control.
- Ninety six Areas reported a summary of their maintenance activities for the current fiscal year, 2013-14. Key reported maintenance activities are vegetation control, rodent control, levee crown grading and access road maintenance, encroachment control, minor structure repair, levee repair, and seepage control.
- A number of LMAs provided information on the levee conditions. Key reported issues are encroachment, erosion, in-channel and other vegetation issues, seepage and sand boils, levee settlement or freeboard, and sedimentation.
- To minimize LMAs' burden for reporting, DWR continues to enhance and update the web application. The two programs, inspection and LMA reporting have been integrated for online users. The data entry for Part 3 of the LMA reporting application has been enhanced to not only allow LMAs to provide their information but also to report on individual inspection issues noted by DWR. DWR inspectors see this feedback during the next inspection cycle. Part 3 of individual summary profiles highlights the LMAs' corrected and ongoing corrective actions (wherever available).
- As indicated earlier, the level of compliance by the LMAs, submitting information for this report, is less than 100 percent. The quality of reporting for some LMAs is also unsatisfactory. DWR is tying the level of cost-share eligibility in grant programs administered by DWR to the quality of LMA reporting to provide further incentive for compliance.
- RD2074 (Sargent-Barnhart Tract) continued to report on its non-Project levee in San Joaquin County. The summary of information reported in 2013 is provided in Appendix C.
- Due to the absence of a responsible agency, the maintenance of 1.5 miles of Project Levee in Honcut Creek Eastern Area is not currently assigned to any LMA pending a decision by the CVFPB.
- RD 2099, 2100, and 2102 commonly known as Three Amigos have been excluded from any analysis this year (refer to Appendix D), however DWR acknowledges the fact that the formal process of decertification by the USACE has not taken place yet.
- DWR initiated a functionality within the LMA reporting program which ultimately will help gather maintenance information on existing non-Project levees to supplement the traditional project levee maintenance information. DWR identified and added more than 200 miles of non-Project levees to the program. New fact sheets, aerial maps, and other relevant information were developed on non-Project levees. This information is being used by the LMAs to verify the non-Project levee information and share with the Department. Thirty four LMAs from the Sacramento Basin and fifteen LMAs from the San Joaquin Basin have been identified by DWR as having non-Project levees but currently awaiting response from LMAs to verify the information.

2 2013 LEVEE MAINTENANCE INSPECTION RESULTS

The results of the 2013 levee maintenance inspections show that a number of Areas whose ratings changed was small overall. More LMAs received worse ratings in 2012 than those who received better ratings. The length of deficiencies noted remained about the same compared to 2012 but remained significantly higher than 2010. The increase in deficiencies recently may be attributable to ongoing environmental and financial challenges. Restrictions on burning as a method of vegetation control also hampered some districts' efforts. FPIB 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 cyclical 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.

DWR rates individual items noted during inspections using similar ratings. The inspection criteria were revised in 2012 and were again used in 2013. No significant changes were made to these criteria in 2013. For more detailed information regarding the inspection criteria, please see Appendices F and G.

The understanding of the responsibilities of the CVFPB and LMAs continued to evolve in 2013. There is no maintaining agency identified for NA0006-Eastern Honcut Creek. Further research and decisions need to be made regarding this Area. Updates were also made to other Areas as more information is available and flood control projects occur. State Plan of Flood Control (SPFC) levees and structures are expected to be adjusted in the future through discussions between DWR, the USACE, and the CVFPB.

Table 2-1 and Figure 2-1 show the numbers of Areas receiving each rating for 2007 through 2013. The length of vegetation deficiencies increased overall slightly compared to 2012. There was an increase of these issues in the Sacramento River system while it decreased in the San Joaquin River system. There was an increase in animal control issues while crown surface issues decreased. 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. Some LMAs also reported challenges in burning the vegetation this year.

Table 2-1: Summary of Levee Maintenance Ratings for 2007 to 2013

	2007	2008	2009	2010	2011	2012	2013
A=Acceptable	24	42	51	49	45	47	42
M=Minimally Acceptable	18	25	25	19	24	18	24
U=Unacceptable	64	39	30	38	37	41	40

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

Despite occurrences of higher than normal water in some areas during the winter of 2012-13, 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 under the Flood System Repair Program. DWR also continues to develop and distribute information on how the Sutter and Sacramento Maintenance 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. Other research is also ongoing regarding 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 2013 compared with 2012, 2011, 2010, 2009, 2008, and 2007. Areas continue to generally receive better ratings than in 2007. LMRs contain more detailed information about each LMA. Appendix F provides more explanation of threshold percentages and the determination of overall ratings.

Vegetation deficiencies make up the majority of deficient levee miles for 2013, followed by a significant amount of animal control and crown surface issues. The remainder of deficient miles comes from erosion 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 for each year since 2007.

Issues noted by inspectors in the field have one of three Issue Types, Enforcement, Design/System Obsolescence, or Maintenance, associated with them depending on DWR's opinion of the LMA's ability and responsibility to deal with the issue. 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 2013, 26.65 miles of Unacceptable and 170.77 miles of Minimally Acceptable issues typed as Enforcement were identified. The vast majority of these issues are encroachments with some vegetation. An Issue Type of Design/System Obsolescence may be assigned if an issue is the result of how the structure was originally designed and constructed or for other reasons beyond maintenance responsibilities. In 2013, 3.98 miles of Unacceptable issues and 20.38 miles of Minimally Acceptable issues typed as Design/System Obsolescence were noted. The majority of these issues were erosion, mostly along one channel. Issues that should be addressed by LMAs have an Issue Type of Maintenance. Only issues with a Maintenance Issue Type are included in the determination of an Area's overall rating. 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. LMAs may also access their O&M Manuals through the LMA Reporting web page at <http://cdec.water.ca.gov/lma.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 agencies. LMAs are also required to have a written, specific flood response plan and know how to respond during a flood. DWR is working on tools to help LMAs create these response plans. LMA staff and local residents should also be training in Flood Fight Methods; DWR provides this training, which can be scheduled by contacting Rick Burnett 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 2012 and 2013 for each Area can be found in Appendix H. This summary 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>.

The understanding of the responsibilities of the CVFPB and LMAs continued to evolve in 2013. There is no maintaining agency identified for NA0006-Eastern Honcut Creek. Further research and decisions need to be made regarding this Area. Updates were also made to other Areas as more information is available and flood control projects occur. State Plan of Flood Control (SPFC) levees and structures are expected to be adjusted in the future through discussions between DWR, the USACE, and the CVFPB.

Figure 2-1: Summary of Area Maintenance Ratings for 2007 to 2013

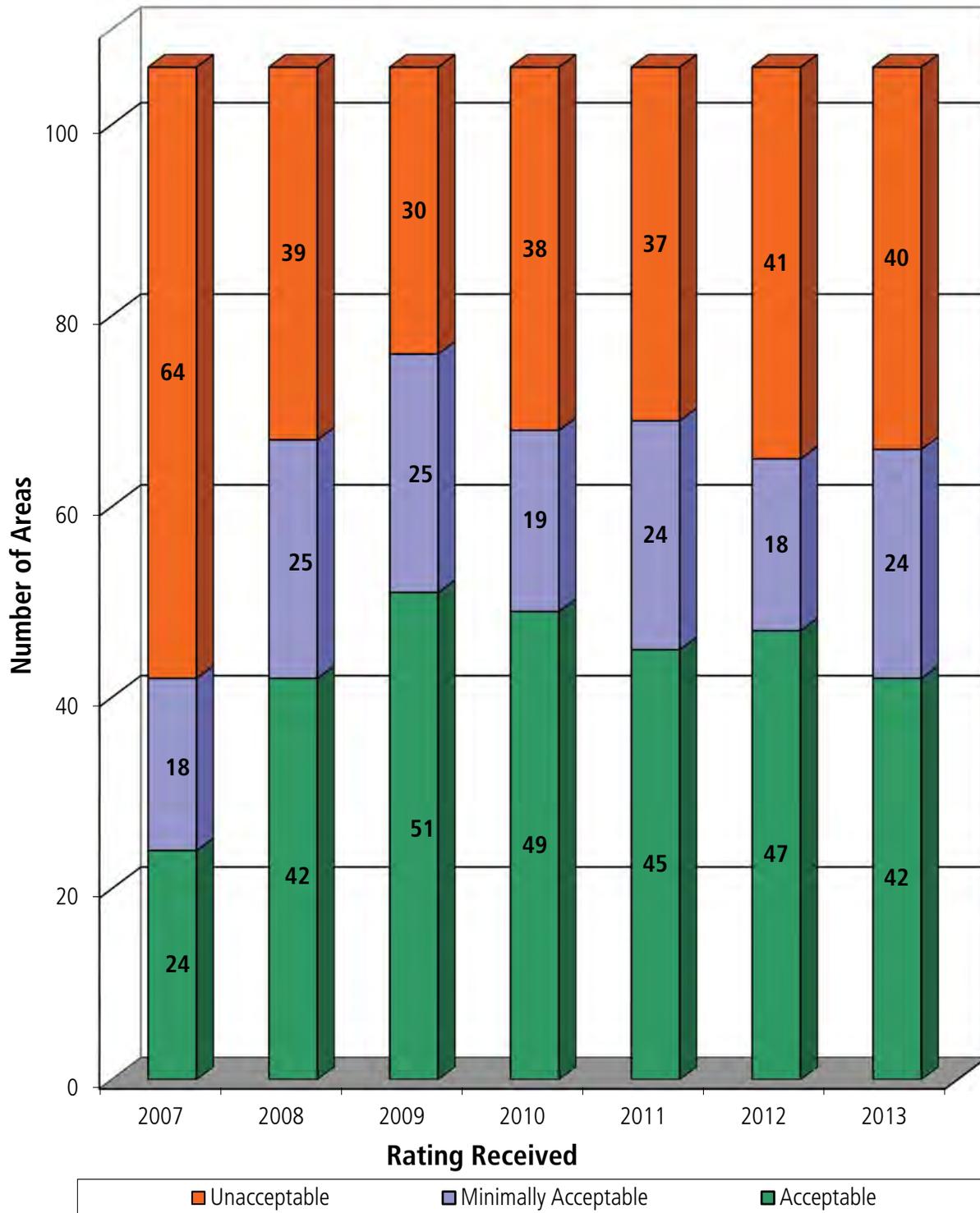


Figure 2-2: Area Maintenance Rating Changes for 2007 to 2013

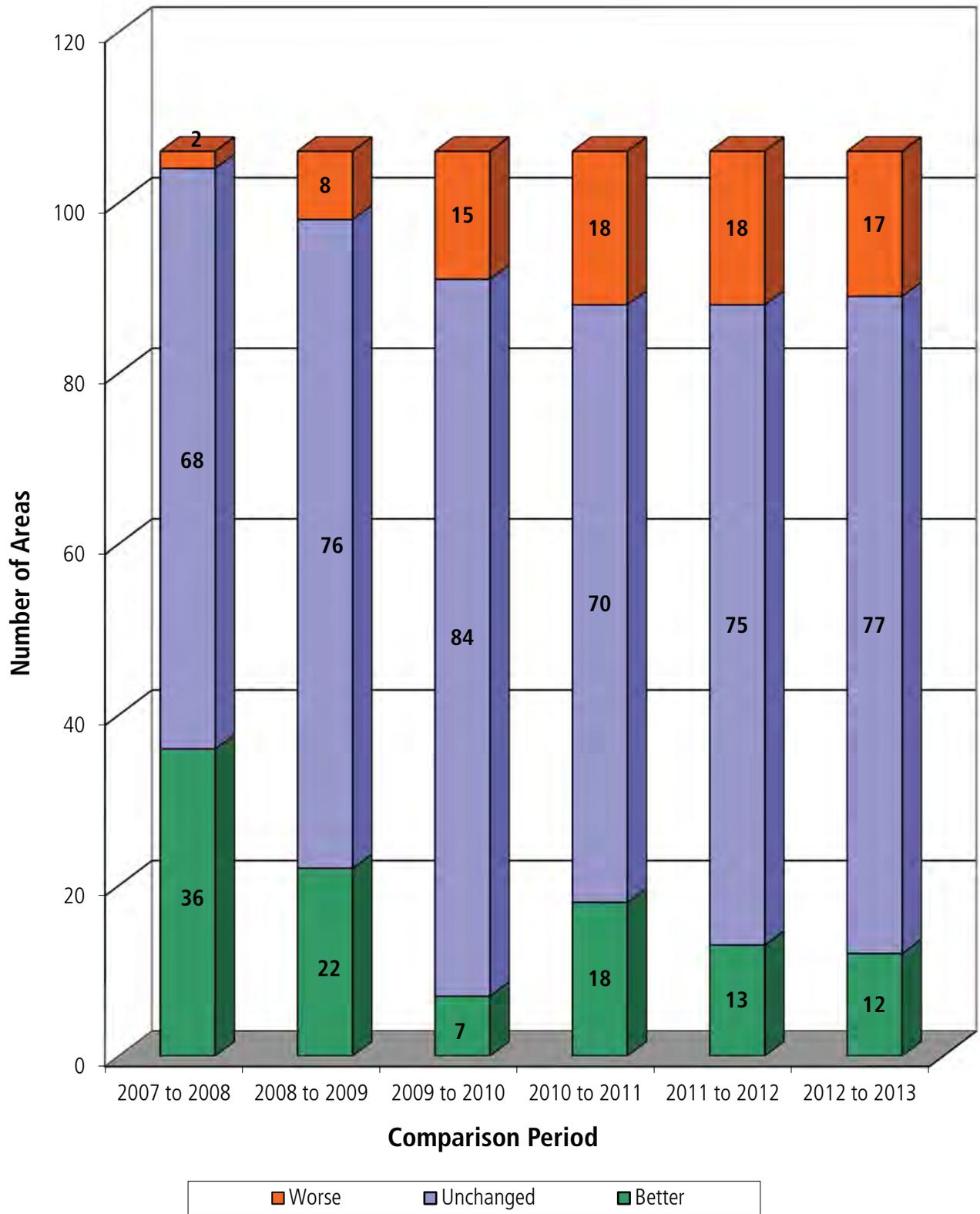


Table 2-2: Overall Maintenance Rating by Area for 2007 to 2013

Area Short Name	Area Name	Overall Rating						
		2007	2008	2009	2010	2011	2012	2013
LD0001G	Levee District No. 0001G (Glenn County)	U	M	M	U	M	A	A
LD0001S	Levee District No. 0001S (Sutter County)	M	A	A	M*	A	A	A
LD0002	Levee District No. 0002	A	A	A	A	A	A	A
LD0003	Levee District No. 0003	A	A	A	U	U	M	U
LD0009	Levee District No. 0009	A	A	U	A	A	A	M*
MA0001	Maintenance Area 0001	M	M	A	A†	A	A	A
MA0003	Maintenance Area 0003	A	A	A	A	A	A	A
MA0004	Maintenance Area 0004	A	A	A	A	A	A	A
MA0005	Maintenance Area 0005	M	M*	M*	M*	A	A	A
MA0007	Maintenance Area 0007	U	A	A	A	A	A	A
MA0009	Maintenance Area 0009	M	M*	M	M	M	A	A
MA0012	Maintenance Area 0012	A	A	A	A†	A	A	A
MA0013	Maintenance Area 0013	A	M*	M*	M*	A	A	A
MA0016	Maintenance Area 0016	M	M	A	M	M*	A	M
MA0017	Maintenance Area 0017	U	U	U	U	U	U	U
NA0001	American River Flood Control District	M	A	A	A	A	A	A
NA0002	Brannan Andrus Levee Maintenance District	U	U	A	A†	M	M	U
NA0003	Butte County Public Works	A	A	A	A†	A	A	A
NA0004	Marysville Levee Commission	M	A	A	A	A	M	A
NA0005	City of Sacramento	U	A	A	A	A	A	A
NA0006	Eastern Honcut Creek	U	U	U	U	U	U	U
NA0008	Knights Landing Ridge Drainage District	U	M	U	A	A	A	M*
NA0009	Lake County Watershed Protection District	M	A	A	A†	A	A	A
NA0010	Lower San Joaquin Levee District	M	M*	M*	M*	M	U	M*
NA0011	Madera County FCWCA	U	U	U	U	U	U	U
NA0012	Solano County Public Works (Mellin Levee)	U	U	M	U	A	A	A
NA0013	Merced Streams Group	U	U	U	U	U	U	U
NA0014	Murphy Slough at M&T Ranch	U	U	U	U	U	U	U
NA0015	Plumas County	U	A	A	A†	U	U	U
NA0016	Sacramento River West Side Levee District	U	M*	M*	M*	A	A	A
NA0017	San Joaquin County Flood Control and Water Conservation District	U	M*	M	U	M	M	M*
NA0018	California Department of Fish and Game	A	A	A	A†	U	U	U

Table 2-2 Continued: Overall Maintenance Rating by Area for 2007 to 2013

Area Short Name	Area Name	Overall Rating						
		2007	2008	2009	2010	2011	2012	2013
NA0019	Tehama County Flood Control and Water Conservation District	U	M	M	A	M	M	M
NA0020	East-West Interceptor Canal	U	U	U	U	U	U	U
NA0021	Yolo County Public Works	U	M	U	U	U	U	U
NA0022	Yolo County Service Area 6	U	M	A	A†	U	U	U
RD0001	Reclamation District No. 0001	M	A	M	U	A	M*	U
RD0003	Reclamation District No. 0003	U	U	M*	M*	M*	M*	M*
RD0010	Reclamation District No. 0010	U	U	A	A†	U	M	U
RD0017	Reclamation District No. 0017	U	U	M*	A	A	M*	M*
RD0070	Reclamation District No. 0070	M	A	A	A†	A	A	A
RD0108	Reclamation District No. 0108	A	A	A	A†	A	A	A
RD0150	Reclamation District No. 0150	U	M*	M	M*	A	A	M*
RD0307	Reclamation District No. 0307	U	U	U	U	M	U	U
RD0341	Reclamation District No. 0341	U	U	A	A†	M*	U	U
RD0349	Reclamation District No. 0349	U	U	U	U	U	U	U
RD0369	Reclamation District No. 0369	U	U	A	A	M	U	A
RD0404	Reclamation District No. 0404	U	U	U	U	M	U	U
RD0501	Reclamation District No. 0501	U	U	U	U	U	U	U
RD0524	Reclamation District No. 0524	U	U	U	U	U	U	U
RD0536	Reclamation District No. 0536	U	U	U	U	U	U	U
RD0537	Reclamation District No. 0537	U	A	M	U	A	M*	U
RD0544	Reclamation District No. 0544	U	U	M	U	U	U	U
RD0551	Reclamation District No. 0551	U	U	A	A†	A	M*	A
RD0554	Reclamation District No. 0554	U	U	U	U	M	M	U
RD0556	Reclamation District No. 0556	U	U	U	U	U	U	U
RD0563	Reclamation District No. 0563	U	U	U	U	U	U	U
RD0755	Reclamation District No. 0755	U	U	A	U	U	U	U
RD0765	Reclamation District No. 0765	U	U	U	U	U	U	U
RD0784	Reclamation District No. 0784	M	A	A	A†	A	M	M*
RD0785	Reclamation District No. 0785	U	A	M	U	U	U	U
RD0787	Reclamation District No. 0787	A	A	A	A†	A	A	A
RD0817	Reclamation District No. 0817	U	A	A	A†	M	U	M*
RD0827	Reclamation District No. 0827	U	M	A	U	U	A	U
RD0900	Reclamation District No. 0900	U	U	M	M	M	U	A
RD0999	Reclamation District No. 0999	U	U	U	U	U	U	U
RD1000	Reclamation District No. 1000	A	A	A	A	A	A	A
RD1001	Reclamation District No. 1001	U	M	M*	M*	M	U	U

Table 2-2 Continued: Overall Maintenance Rating by Area for 2007 to 2013

Area Short Name	Area Name	Overall Rating						
		2007	2008	2009	2010	2011	2012	2013
RD1500	Reclamation District No. 1500	M	M*	M*	M*	A	M	M*
RD1600	Reclamation District No. 1600	U	M	A	U	U	U	U
RD1601	Reclamation District No. 1601	A	A	A	A†	A	A	A
RD1602	Reclamation District No. 1602	U	U	U	M	U	U	U
RD1660	Reclamation District No. 1660	A	A	A	A†	A	A	A
RD2031	Reclamation District No. 2031	U	M*	M*	A	M*	M	M*
RD2035	Reclamation District No. 2035	U	A	A	A†	U	M	M
RD2058	Reclamation District No. 2058	U	U	U	U	U	A	M*
RD2060	Reclamation District No. 2060	U	M	A	A†	A	A	M*
RD2062	Reclamation District No. 2062	U	M*	U	U	U	U	M*
RD2063	Reclamation District No. 2063	U	U	U	U	U	U	M*
RD2064	Reclamation District No. 2064	U	M	A	A	U	A	U
RD2068	Reclamation District No. 2068	A	A	A	A†	M	A	A
RD2075	Reclamation District No. 2075	U	U	M*	M*	M	U	A
RD2085	Reclamation District No. 2085	U	U	M	U	U	U	M
RD2089	Reclamation District No. 2089	U	U	U	U	U	U	U
RD2091	Reclamation District No. 2091	A	A	A	A†	M*	A	A
RD2092	Reclamation District No. 2092	A	A	A	A†	M*	A	A
RD2094	Reclamation District No. 2094	U	A	A	A	A	A	A
RD2095	Reclamation District No. 2095	U	U	M	M*	M*	M	M*
RD2096	Reclamation District No. 2096	A	A	U	M	A	U	M
RD2098	Reclamation District No. 2098	M	A	A	A†	U	A	M*
RD2101	Reclamation District No. 2101	U	U	U	U	U	U	U
RD2103	Reclamation District No. 2103	A	M*	A	A†	A	A	M*
RD2104	Reclamation District No. 2104	U	U	U	U	U	U	U
RD2107	Reclamation District No. 2107	M	A	A	A	A	A	A
ST0001	Cache Creek	M	M*	M*	M*	M*	M*	M*
ST0002	East Levee Sutter Bypass	M	A	A	A	A	A	A
ST0003	East Levee Sacramento River	A	A	A	A†	A	A	A
ST0004	East Levee Yolo Bypass	U	A	A	A†	A	A	A
ST0005	Hamilton Bend	U	U	U	A	A	A	U
ST0006	Nelson Bend	U	U	U	U	U	U	U
ST0007	Putah Creek	M	A	A	A†	M	U	A
ST0008	Sacramento Bypass	A	A	A	A	A	A	A
ST0009	Tisdale Bypass	A	A	A	A†	A	A	A
ST0010	Wadsworth Canal	A	A	A	A	A	A	A

Table 2-2 Continued: Overall Maintenance Rating by Area for 2007 to 2013

Area Short Name	Area Name	Overall Rating						
		2007	2008	2009	2010	2011	2012	2013
ST0011	West Levee Yolo Bypass	U	M*	M*	M*	A	A	A
ST0012	Willow Slough Bypass	A	A	A	A†	A	A	A

* Overall unit threshold percentage is less than 10%; 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 during fall 2010. 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 2013 CHANNEL MAINTENANCE INSPECTION RESULTS

The annual channel maintenance inspections rely upon a qualitative rating system based on the USACE's O&M manuals. Channels are inspected at specific locations where there are restrictions to the channel like bridges. Excessive vegetation, shoaling, erosion, or other factors that may impact the capacity of the channel are noted. 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.

Appendix F details the method for determining overall ratings. Table 3-1 and Figure 3-1 show the numbers of each rating for the years 2007 through 2013.

Table 3-1: Summary of Channel Maintenance Ratings for 2007 to 2013

	2007	2008	2009	2010	2011	2012	2013
A=Acceptable	10	24	19	16	16	17	19
M=Minimally Acceptable	14	1	7	3	9	8	6
U=Unacceptable	1	0	0	1	1	1	1
Not Inspected	0	0	0	6	0	0	0

One channel was rated as Unacceptable in 2013, while the number of Minimally Acceptable channels was six and nineteen channels were rated as acceptable, which is slightly better than 2012. This shows the similarity of maintenance found during inspection in 2013 as prior years. Figure 3-1 shows the progression of maintenance ratings from 2007 through 2013.

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: Comparison of Overall Channel Ratings for 2007 to 2013

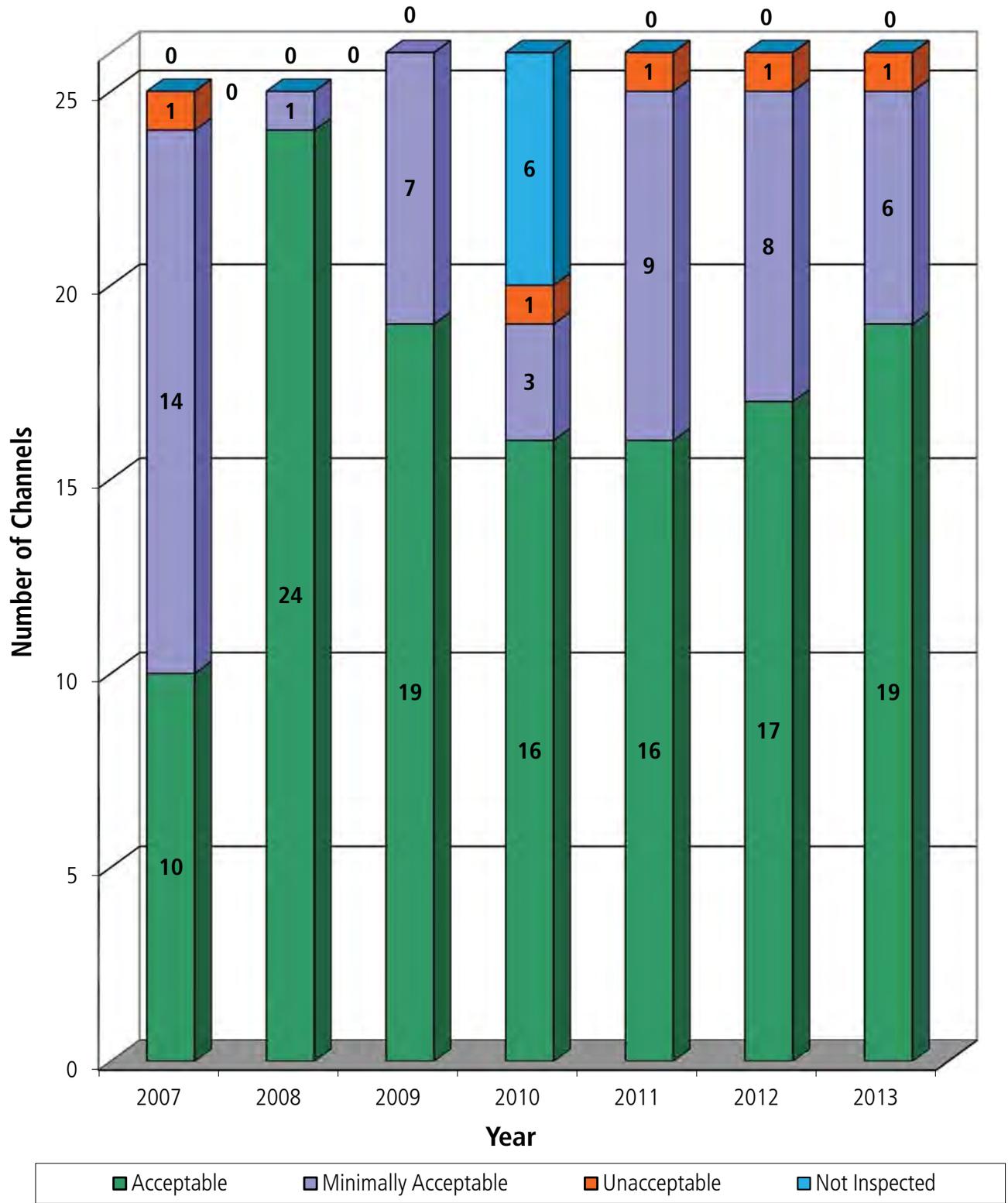


Table 3-2: Overall Channel Maintenance Ratings for 2007 to 2013

Channel	LMA Name	Overall Rating						
		2007	2008	2009	2010	2011	2012	2013
Sacramento River Basin								
Ash Creek	Adin Community Services District	A	A	A	A	A	A	A
Dry Creek	Adin Community Services District	A	A	A	A	A	A	A
McClure Creek	Tehama County	M	A	A	A	A	A	A
Salt Creek	Tehama County	U	A	M	A	A	A	A
Big Chico Creek	Sutter Maintenance Yard	M	A	M	M	M*	A	A
Lindo Channel and Sandy Gulch	Sutter Maintenance Yard	M	A	A	A	A	A	A
Little Chico Creek	Sutter Maintenance Yard	M	A	A	A	M*	A	A
San Joaquin River Basin								
Bear Creek	Merced Streams Group	M	M	M*	M*	M	M	M
Black Rascal Creek	Merced Streams Group	M	A	M*	M*	M	M	M
Burns Creek	Merced Streams Group	A	A	A	U	A	A	A
Mariposa Creek	Merced Streams Group	M	A	A	A	M	M	M
Miles Creek	Merced Streams Group	M	A	A	N†	A	A	A
Owens Creek	Merced Streams Group	M	A	A	N†	A	M	A
Ash Slough	Madera County FCWCA	M	A	M	N†	A	A	A
Berenda Slough	Madera County FCWCA	M	A	M	N†	U	U	U
Chowchilla River	Madera County FCWCA	M	A	M	N†	A	A	A
Fresno River	Madera County FCWCA	M	A	A	N†	M	M	M
North Littlejohn Creek	San Joaquin County Flood Control and Water Conservation District	M	A	A	A	A	M	M
Duck Creek Diversion	San Joaquin County Flood Control and Water Conservation District	A	A	A	A	A	A	A
South Littlejohn Creek	San Joaquin County Flood Control and Water Conservation District	A	A	A	A	A	A	M
South Littlejohn Creek, North Branch	San Joaquin County Flood Control and Water Conservation District	A	A	A	A	A	A	A

Table 3-2 Continued: Overall Channel Maintenance Ratings for 2007 to 2013

Channel	LMA Name	Overall Rating						
		2007	2008	2009	2010	2011	2012	2013
Miscellaneous Basins								
Truckee River	Placer County	A	A	A	A	A	A	A
Ledgewood Creek	Fairfield-Suisun Sewer District	N/A	N/A	A	A	M*	M*	A
McCoy Creek	Fairfield-Suisun Sewer District	A	A	A	A	M	A	A
Laurel Creek	Fairfield-Suisun Sewer District	A	A	A	A	M	A	M
Union Avenue Diversion	Fairfield-Suisun Sewer District	A	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 2013 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.

The method for determining overall ratings is similar to the one used for channel inspections and is described in Appendix F. Table 4-1 shows the numbers of each rating for 2007-2013 for all structures. Figure 4-1 and Table 4-2 show ratings for each structure, while Figure 4-2 and Table 4-3 show ratings for each pumping plant. The LMAs have generally improved structure maintenance since 2007. FPIS staff have worked with DWR, the USACE, and the CVFPB staff to better understand responsibilities regarding structures. The El Camino Avenue Bridge over Steelhead Creek in Sacramento was added to structure inspections in 2009. M&T Ranch Overflow and Goose Lake Overflow structures were added to structure inspections in 2013. No maintaining agency has been identified for Paradise Dam. FPIS staff continue to research authorizations for the structures and will continue to refine what structures are inspected during these inspections.

Table 4-1: Summary of Structure Maintenance Ratings for 2007 to 2013

	2007	2008	2009	2010	2011	2012	2013
Structures Ratings							
A=Acceptable	32	37	36	36	41	40	37
M=Minimally Acceptable	9	5	7	7	2	3	8
U=Unacceptable	1	0	0	0	0	0	0
Not Inspected	0	0	0	0	0	0	0
Pumping Plant Ratings							
A=Acceptable	12	12	7	8	12	11	11
M=Minimally Acceptable	1	1	6	4	0	1	2
U=Unacceptable	0	0	0	0	1	1	0
Not Inspected	0	0	0	1	0	0	0

Most of the structures were found in a similar level of maintenance as in 2012 with only minor changes observed. The Sutter Bypass Pumping Plants were completing major improvements and the Sutter Bypass (East Borrow Pit) Weir #2 was being replaced with a new structure during inspections.

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

Locations of the structures inspected can be found in 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 for 2007 to 2013

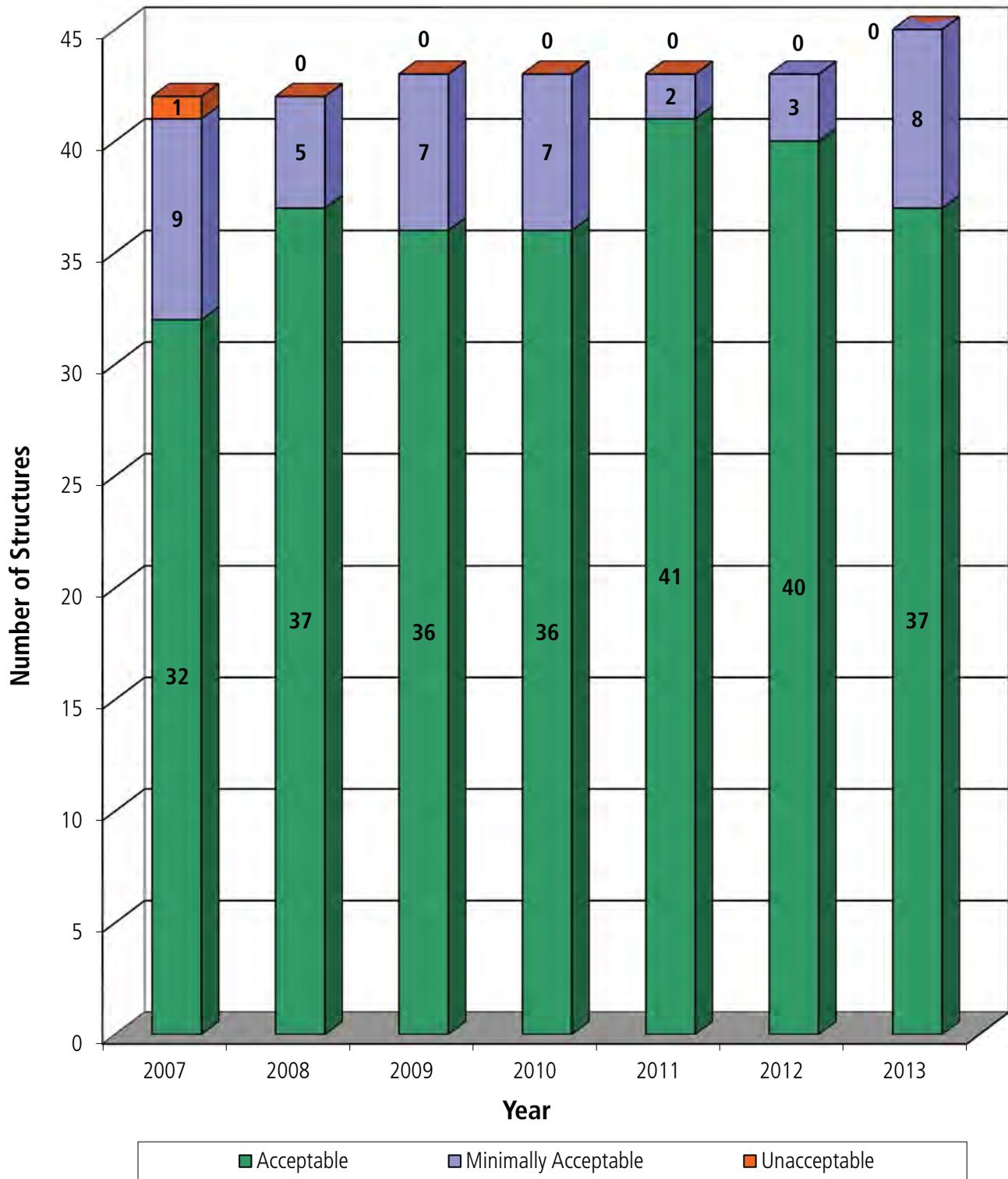


Figure 4-2: Comparison of Overall Pumping Plant Ratings for 2007 to 2013

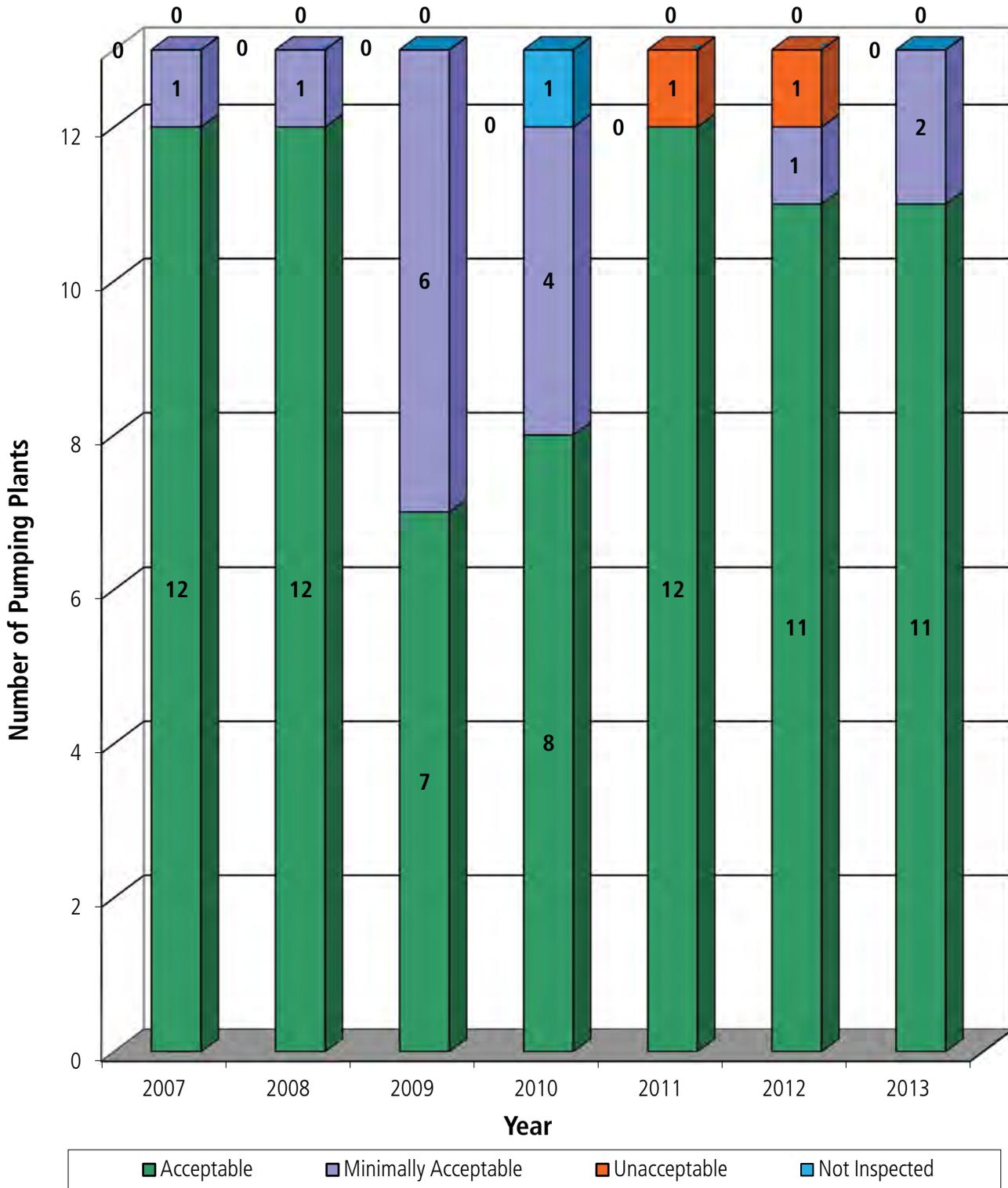


Table 4-2: Overall Structure Ratings for 2007 to 2013

Structure	LMA Name	Overall Rating						
		2007	2008	2009	2010	2011	2012	2013
Sacramento River Basin								
Big Chico Creek Control Structure	Butte County Public Works	A	A	A	A	A	A	A
Lindo Channel Control Structure	Sutter Maintenance Yard	M	A	A	A	A	A	A
Lindo Channel Diversion Weir	Sutter Maintenance Yard	M	A	A	A	A	A	A
El Camino Bridge	City of Sacramento	N/A	N/A	A	A	A	A	M
North Fork Feather River Diversion Channel Drop Structures (1 thru 7)	Plumas County	A	A	A	A	A	A	A
North Fork Feather River Diversion Structure	Plumas County	A	A	A	A	A	A	A
Elk Slough Inlet Structure	Reclamation District 999	A	A	A	A	A	A	A
Cache Creek Settling Basin Weir & Drainage Structure	Sacramento Maintenance Yard	A	A	A	A	A	A	M
Fremont Weir	Sacramento Maintenance Yard	A	A	A	A	A	A	M
Knights Landing Outfall Structure	Sacramento Maintenance Yard	A	A	A	A	A	A	A
Sacramento Weir	Sacramento Maintenance Yard	A	A	A	A	A	A	M
Butte Slough Drainage Structure	Sutter Maintenance Yard	M	M	A	A	A	A	A
Butte Slough Outfall Structure	Sutter Maintenance Yard	A	A	A	A	A	A	A
Colusa Weir	Sutter Maintenance Yard	A	A	A	A	A	A	A
Little Chico Creek Control & Weir Structure	Sutter Maintenance Yard	A	A	A	A	A	A	A
Moulton Weir	Sutter Maintenance Yard	A	A	A	A	A	A	A
Nelson Bend (Rock Quarry Weir)	Sutter Maintenance Yard	A	A	A	A	A	A	A
Sutter Bypass (East Borrow Pit) Weir #2	Sutter Maintenance Yard	A	A	A	A	A	A	A
Tisdale Weir	Sutter Maintenance Yard	A	A	A	A	A	A	A
Wadsworth Canal Weir # 4	Sutter Maintenance Yard	A	A	A	A	A	A	A
M&T Ranch Overflow Structure	Sutter Maintenance Yard	N/A	N/A	N/A	N/A	N/A	N/A	A

Table 4-2 Continued: Overall Structure Ratings for 2007 to 2013

Structure	LMA Name	Overall Rating						
		2007	2008	2009	2010	2011	2012	2013
Sacramento River Basin								
Goose Lake Overflow Structure	Sutter Maintenance Yard	N/A	N/A	N/A	N/A	N/A	N/A	M
Clover Creek Diversion Structure	Lake County Watershed Protection District	U	M	M	M	M	M	M
Highland Canal Diversion Weir & Drainage Structure	Lake County Watershed Protection District	M	A	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	A
Ash Slough Drop Structure #2	Lower San Joaquin Levee District	A	A	A	A	A	A	A
Ash Slough Drop Structure #3	Lower San Joaquin Levee District	M	A	A	A	A	A	A
Ash Slough Drop Structure #4	Lower San Joaquin Levee District	A	A	M	M	A	A	A
Bear Creek Diversion Structure	Lower San Joaquin Levee District	A	A	A	A	A	A	A
Eastside Bypass Control Structure	Lower San Joaquin Levee District	A	A	A	A	A	A	A
Eastside Bypass Drop Structure #1	Lower San Joaquin Levee District	A	A	A	A	A	A	A
Eastside Bypass Drop Structure #2	Lower San Joaquin Levee District	A	A	A	A	A	A	A
Fresno River Drainage Structure	Lower San Joaquin Levee District	M	A	A	A	A	A	A
Mariposa Bypass Control Structure	Lower San Joaquin Levee District	A	A	A	A	A	A	A
Mariposa Bypass Drop Structure	Lower San Joaquin Levee District	A	A	A	A	A	A	A
Owens Creek Control Structure	Lower San Joaquin Levee District	M	A	M	M	M	A	M
Owens Creek Overflow Structure	Lower San Joaquin Levee District	A	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	A
San Joaquin River Structure & Sand Slough Structure	Lower San Joaquin Levee District	A	A	M	M	A	A	A

Table 4-2 Continued: Overall Structure Ratings for 2007 to 2013

Structure	LMA Name	Overall Rating						
		2007	2008	2009	2010	2011	2012	2013
San Joaquin River Basin								
Ash & Berenda Slough Control Structure	Madera County FCWCA	A	A	A	A	A	A	A
Fresno River Diversion Weir	Madera County FCWCA	A	M	A	A	A	A	A
Black Rascal Creek Drop Structure	Merced Streams Group	A	A	M	M	A	A	A
Owens Creek Siphon Structure	Merced Streams Group	M	M	M	M	M*	M	M
Paradise Dam	Sacramento Maintenance Yard	M	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	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 Plant Ratings for 2007 to 2013

Pumping Plant	LMA Name	Overall Rating						
		2007	2008	2009	2010	2011	2012	2013
Magpie Creek	City of Sacramento	A	A	A	N†	A	A	M
Reclamation District 2063 Pumping Plant (Nelson Drain)	Reclamation District 2063	M	A	M	M	U	U	M
Wetherbee Lake Pumping Plant & Navigation Gate	Reclamation District 2096	A	A	M	A	A	M	A
American River Pumping Plant #1	Sacramento County	A	A	A	A	A	A	A
American River Pumping Plant #2	Sacramento County	A	A	A	A	A	A	A
Mormon Slough #1	San Joaquin County Flood Control and Water Conservation District	A	A	A	A	A	A	A
Mormon Slough #2	San Joaquin County Flood Control and Water Conservation District	A	A	A	A	A	A	A
Mormon Slough #3	San Joaquin County Flood Control and Water Conservation District	A	A	A	A	A	A	A
Middle Creek	Sutter Maintenance Yard	A	M	M	A	A	A	A
Sutter Bypass #1	Sutter Maintenance Yard	A	A	M	M	A	A	A
Sutter Bypass #2	Sutter Maintenance Yard	A	A	M	M	A	A	A
Sutter Bypass #3	Sutter Maintenance Yard	A	A	M	M	A	A	A
Gomes Lake	Turlock Irrigation District	A	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 SAN JOAQUIN RIVER FLOOD CONTROL SYSTEM EROSION SURVEY

5.1 Purpose

Since 2006, the Department of Water Resources FPIIB has conducted an erosion survey of the San Joaquin River Flood Control System (SJRFC) to document and monitor erosion sites in the SJRFCS. The purpose of the San Joaquin River Flood Control System Erosion Survey (SJRFCSES) is to: a) inspect the waterside levees for erosion activity, b) document and report new erosion sites, c) document and report the current condition of previously identified erosion sites, and d) rank and rate the severity of erosion sites based upon the findings from the field survey. For the purpose 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 2013, the erosion survey shows that 72 of the 92 previously identified erosion sites remain unchanged, and nine of the existing sites show significantly more erosion than last year. Of the nine, the erosion at site RD 2101, river mile 73.92, has progressed significantly into the levee slope and should be repaired as soon as possible.
- Among the 92 surveyed existing erosion sites, seven sites were repaired prior to the 2012 survey and their performance was evaluated. Five sites were repaired this year and are being monitored.
- Seventeen new erosion sites were documented this year, including 11 on the San Joaquin River, four on Mormon Slough, and one each on Old River and Black Rascal Diversion. Most of the levee distress at the new sites seems to be due to slope instability or erosion due to irrigation leaks, instead of being caused by high flows in the past flooding season. While slope instability is not a symptom of erosion, unstable slopes are more prone to erosion during high water and should be monitored, which is why these sites are noted in the erosion survey.
- FPIIB updated the erosion inventory database by adding survey details.
- A revised erosion scoring system was developed to rank and rate erosion sites on the SJRFCS. The revised methodology augmented the existing vulnerability indicators used to assess the erosion sites. The primary goals of the revised erosion scoring system was to help field personnel evaluate site conditions objectively, to more clearly document site conditions during field and office based assessments, and to more accurately rate the erosion sites.

5.3 Results

The results of the 2013 erosion survey continue to show that many local agencies have made significant improvements since 2006. Five previously identified erosion sites were repaired after the 2012 erosion survey. The seven sites repaired prior to the 2013 erosion survey have been found in good condition. Erosion sites that were not repaired during the previous year and 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 revised erosion scoring system. In past years, the threshold score for separating sites into Unacceptable and Minimally Acceptable ratings was calculated by determining the average score of all the sites being

evaluated. A site that scored at or above the average value was rated Unacceptable. A site that scored below the average value was rated Minimally Acceptable. This created a situation where a site could just meet the Unacceptable rating one year, but might be rated Minimally Acceptable the next year if several worse erosion sites were added that increased the average score (threshold) for that year.

In the revised erosion scoring system, the threshold score was determined by using the erosion scoring system to conservatively calculate the score of a hypothetical Unacceptable site (see Table F-2 in Appendix F for details). The hypothetical Unacceptable site’s score was 59. This calculated threshold score was evaluated for reasonableness by studying all the erosion sites in the 2013 erosion survey to determine if a score of 59 was an appropriate dividing point between Minimally Acceptable and Unacceptable sites based on field data. The review of the 2013 erosion sites indicated that a threshold score of 59 was an appropriate dividing point between Unacceptable and Minimally Acceptable sites, and therefore a threshold score of 59 was adopted for the erosion scoring system.

Table 5-1 shows the numbers of erosion sites receiving each rating in 2013. A detailed 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 2013

	Number of Erosion Sites
M=Minimally Acceptable	43
U=Unacceptable	52
Sites Repaired Since 2012	12
Sites Not Rated*	2

*Sites are not rated if they have a berm that is wider than 35 ft. These sites are included in the survey at the request of the LMA.

Table 5-2 shows individual ratings for each erosion site. Most of the erosion sites were in a similar condition as in previous years.

Table 5-2: Erosion Site Ratings by LMA for 2013

LMA INFO	LMA NAME	Site ID	Normalized Score	Rating
NA0010	Lower San Joaquin Levee District	NA0010U23RM224.33		Repaired
NA0010	Lower San Joaquin Levee District	NA0010U23RM224.27		Repaired
NA0011	Madera County FCWCA	NA0011U01RM2.57	65	U
NA0011	Madera County FCWCA	NA0011U01RM3.80	49	M
NA0013	Merced Streams Group	NA0013U02RM1.31	28	M
NA0013	Merced Streams Group	NA0013U03RM1.00	40	M
NA0013	Merced Streams Group	NA0013U03RM1.25	32	M
NA0013	Merced Streams Group	NA0013U04RM0.21	39	M
NA0013	Merced Streams Group	NA0013U04RM0.42	40	M
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U16RM23.35	75	U
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U16RM22.74	59	U
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U16RM22.58	63	U
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U16RM22.15	58	M
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U16RM22.01	62	U
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U16RM21.95	47	M
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U16RM21.94	50	M
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U16RM21.05	51	M
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U16RM20.71	52	M
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U16RM20.00	67	U
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U16RM19.28		Repaired
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U16RM19.23		Repaired
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U16RM19.18	51	M
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U16RM18.69	63	U

Table 5-2 Continued: Erosion Site Ratings by LMA for 2013

LMA INFO	LMA NAME	Site ID	Normalized Score	Rating
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U16RM17.99	71	U
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U16RM17.81	52	M
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U16RM16.27	68	U
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U16RM14.48	45	M
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U16RM13.86	57	M
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U16RM13.72	58	M
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U16RM13.53	40	M
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U16RM12.95	57	M
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U16RM20.62	64	U
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U16RM17.27	62	U
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U16RM10.82	66	U
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U15RM22.91	51	M
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U16RM13.85	63	U
NA0017	San Joaquin County Flood Control and Water Conservation District	NA0017U15RM14.49	55	M
RD0001	Union Island	RD0001U01RM31.40	57	M
RD0017	Mossdale	RD0017U02RM46.73		Repaired
RD0017	Mossdale	RD0017U02RM44.32	64	U
RD0017	Mossdale	RD0017U02RM46.03	63	U
RD0017	Mossdale	RD0017U02RM44.52	59	U
RD0404	Boggs	RD0404U01RM41.11	64	U
RD0404	Boggs	RD0404U01RM41.23		Repaired
RD0404	Boggs	RD0404U01RM41.22	65	U
RD0404	Boggs	RD0404U01RM40.98	60	U
RD0404	Boggs	RD0404U01RM40.86	67	U
RD0524	Middle Roberts Island	RD0524U01RM45.97	64	U

Table 5-2 Continued: Erosion Site Ratings by LMA for 2013

LMA INFO	LMA NAME	Site ID	Normalized Score	Rating
RD0524	Middle Roberts Island	RD0524U01RM46.06	57	M
RD0524	Middle Roberts Island	RD0524U01RM45.27	57	M
RD0524	Middle Roberts Island	RD0524U01RM43.83		Repaired
RD0524	Middle Roberts Island	RD0524U01RM41.59		Repaired
RD0524	Middle Roberts Island	RD0524U01RM41.50	69	U
RD0524	Middle Roberts Island	RD0524U01RM41.39	65	U
RD0524	Middle Roberts Island	RD0524U01RM46.39	60	U
RD0524	Middle Roberts Island	RD0524U01RM45.07	65	U
RD0524	Middle Roberts Island	RD0524U01RM44.13	66	U
RD0524	Middle Roberts Island	RD0524U01RM41.58	68	U
RD0524	Middle Roberts Island	RD0524U01RM40.99	64	U
RD0524	Middle Roberts Island	RD0524U01RM42.79	60	U
RD0524	Middle Roberts Island	RD0524U01RM42.93	63	U
RD0524	Middle Roberts Island	RD0524U01RM41.92	69	U
RD0524	Middle Roberts Island	RD0524U01RM42.03	63	U
RD0524	Middle Roberts Island	RD0524U01RM43.23	62	U
RD0524	Middle Roberts Island	RD0524U01RM43.52	64	U
RD0524	Middle Roberts Island	RD0524U01RM40.85	66	U
RD0524	Middle Roberts Island	RD0524U01RM43.86	67	U
RD0524	Middle Roberts Island	RD0524U01RM42.84	71	U
RD0524	Middle Roberts Island	RD0524U01RM42.09	68	U
RD0524	Middle Roberts Island	RD0524U01RM41.44	71	U
RD0524	Middle Roberts Island	RD0524U01RM46.12	63	U
RD0524	Middle Roberts Island	RD0524U01RM41.15		Repaired
RD0524	Middle Roberts Island	RD0524U01RM41.79	67	U
RD0524	Middle Roberts Island	RD0524U01RM42.20	64	U
RD0544	Upper Roberts Island	RD0544U01RM49.67	63	U
RD0544	Upper Roberts Island	RD0544U01RM48.81	60	U
RD0544	Upper Roberts Island	RD0544U02RM32.91	58	M
RD0544	Upper Roberts Island	RD0544U02RM33.21	57	M
RD0544	Upper Roberts Island	RD0544U01RM51.09	61	U
RD0544	Upper Roberts Island	RD0544U01RM51.04	43	M
RD0544	Upper Roberts Island	RD0544U01RM47.12		Repaired
RD2031	Elliot	RD2031U01RM0.48	42	M
RD2031	Elliot	RD2031U02RM78.70		Not Rated
RD2058	Pescadero	RD2058U01RM1.78	55	M
RD2058	Pescadero	RD2058U01RM3.97	58	M

Table 5-2 Continued: Erosion Site Ratings by LMA for 2013

LMA INFO	LMA NAME	Site ID	Normalized Score	Rating
RD2062	Stewart	RD2062U03RM30.27	58	M
RD2062	Stewart	RD2062U03RM30.10	58	M
RD2062	Stewart	RD2062U03RM30.02	63	U
RD2062	Stewart	RD2062U03RM29.93	63	U
RD2062	Stewart	RD2062U02RM2.14	38	M
RD2062	Stewart	RD2062U02RM1.94	40	M
RD2062	Stewart	RD2062U01RM54.14		Repaired
RD2062	Stewart	RD2062U03RM30.19	62	U
RD2062	Stewart	RD2062U03RM30.43	57	M
RD2062	Stewart	RD2062U03RM31.12	61	U
RD2062	Stewart	RD2062U03RM31.28	64	U
RD2063	Crows Landing	RD2063U01RM103.49		Repaired
RD2075	McMullin	RD2075U01RM64.34	49	M
RD2085	Kasson	RD2085U01RM67.70		Not Rated
RD2085	Kasson	RD2085U01RM66.50	48	M
RD2089	Stark	RD2089U01RM29.80	58	M
RD2089	Stark	RD2089U01RM29.04	58	M
RD2089	Stark	RD2089U01RM29.61	60	U
RD2089	Stark	RD2089U02RM28.35	56	M
RD2095	Paradise Cut	RD2095U02RM60.62	40	M
RD2095	Paradise Cut	RD2095U01RM6.74	43	M
RD2095	Paradise Cut	RD2095U01RM6.88	51	M
RD2095	Paradise Cut	RD2095U02RM60.69	38	M
RD2101	Blewett	RD2101U01RM73.92	68	U

6 LMA REPORTING REQUIREMENTS (CWC SECTIONS 9140-9141)

6.1 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 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 the 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 that maintain only non-Project levees may voluntarily submit their operation and maintenance

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.

nance information to DWR for inclusion in the annual report. Information received from a non-Project levee maintainer is included in Appendix C.

Summary Department Report

According to CWC Section 9141, DWR is required to prepare and submit an annual report to the CVFPB 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:

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 update for 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 Central Valley Flood Management Planning (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. DWR will periodically, or following a formal request from the CVFPB, update the FCSSR. 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 that support 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 Central Valley Topography Acquisition Project, 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 Central Valley Hydraulic Evaluation Project, 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 were expected to be completed in 2013. Regarding Central Valley

Floodplain Delineation Project, the CVFED program has developed informational maps for the urban areas identified in the CVFPP's State System-wide Investment approach and released by July 2, 2013 as established in Senate Bill 1278, (Chaptered September 25, 2012) which amended Section 9610 (d) (1) of the Water Code.

6.2 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 the 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 the 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.

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.

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

6.3 Use of the LMA Reporting by DWR

The information collected by the LMA Report provides a local understanding of system performance, as well as their 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 activities and budgets for the next fiscal year. This information particularly helps DWR to evaluate LMAs' operation and maintenance costs per levee mile. Part 5 deals with any other readily available information that LMA can submit regarding the condition and the performance of the structures.

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.

Reporting Statistics

There is an increasing trend (Figure 6-1) of reporting compliance by LMAs since the program started in 2008. A system wide comparison of reporting compliance (Figure 6-2) shows at least 94% Areas belonging to the Sacramento system and 96% belonging to the San Joaquin system have reported in last two years. Overall, about 95% of Areas submitted their report this year. An increasing trend of electronic reporting is apparent in Figure 6-3. This year about 75% Areas submitted reports through DWR’s web-based LMA Reporting tool. This represents a 7% increase over last year’s electronic reporting. This could be attributed to continuous outreach activities and enhancement of reporting infrastructure since the inception of the tool.

Figure 6-1: Reporting Compliance for 2008-2013

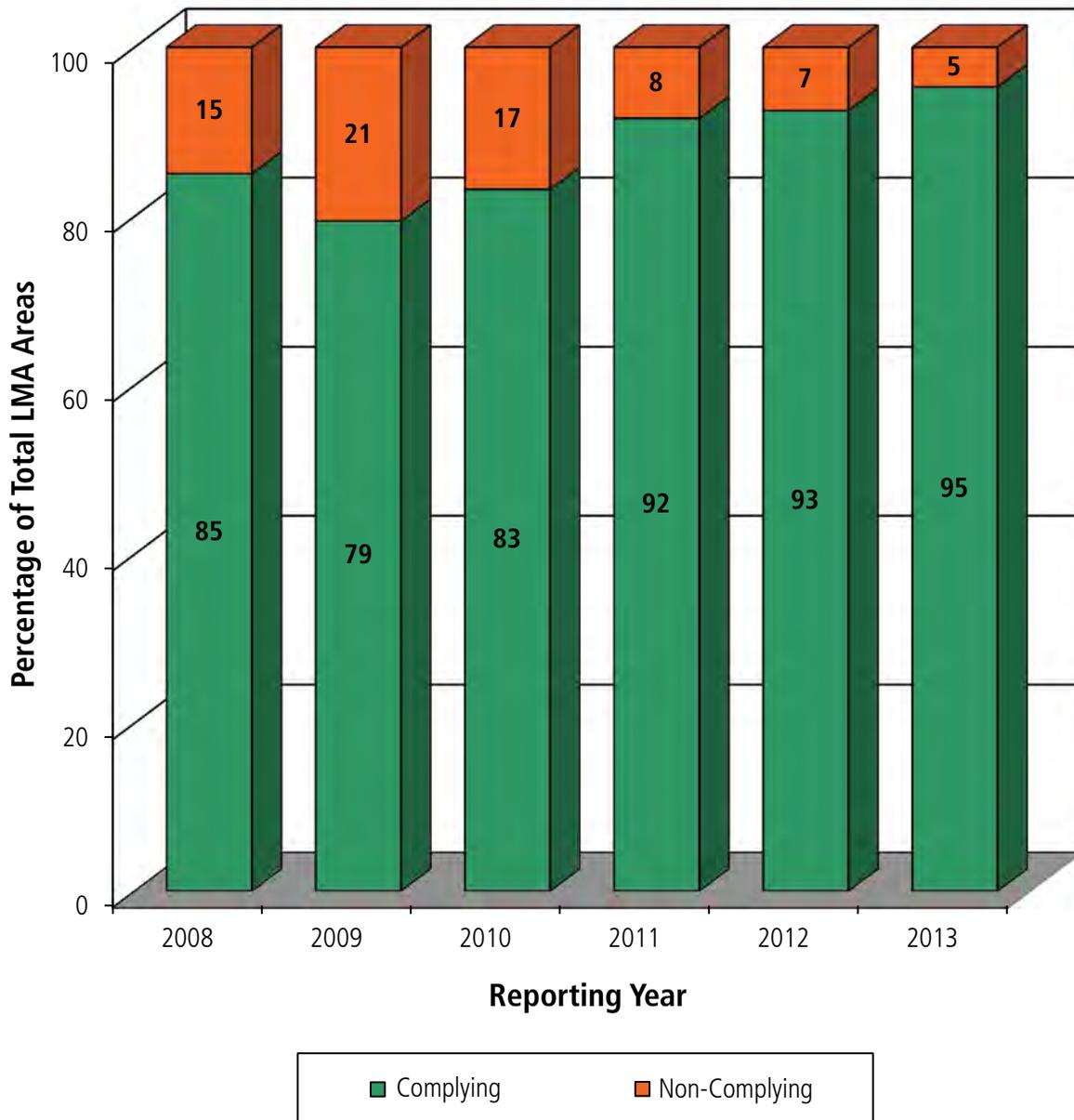


Figure 6-2: Comparison of Reporting Compliance by LMAs for 2008-2013

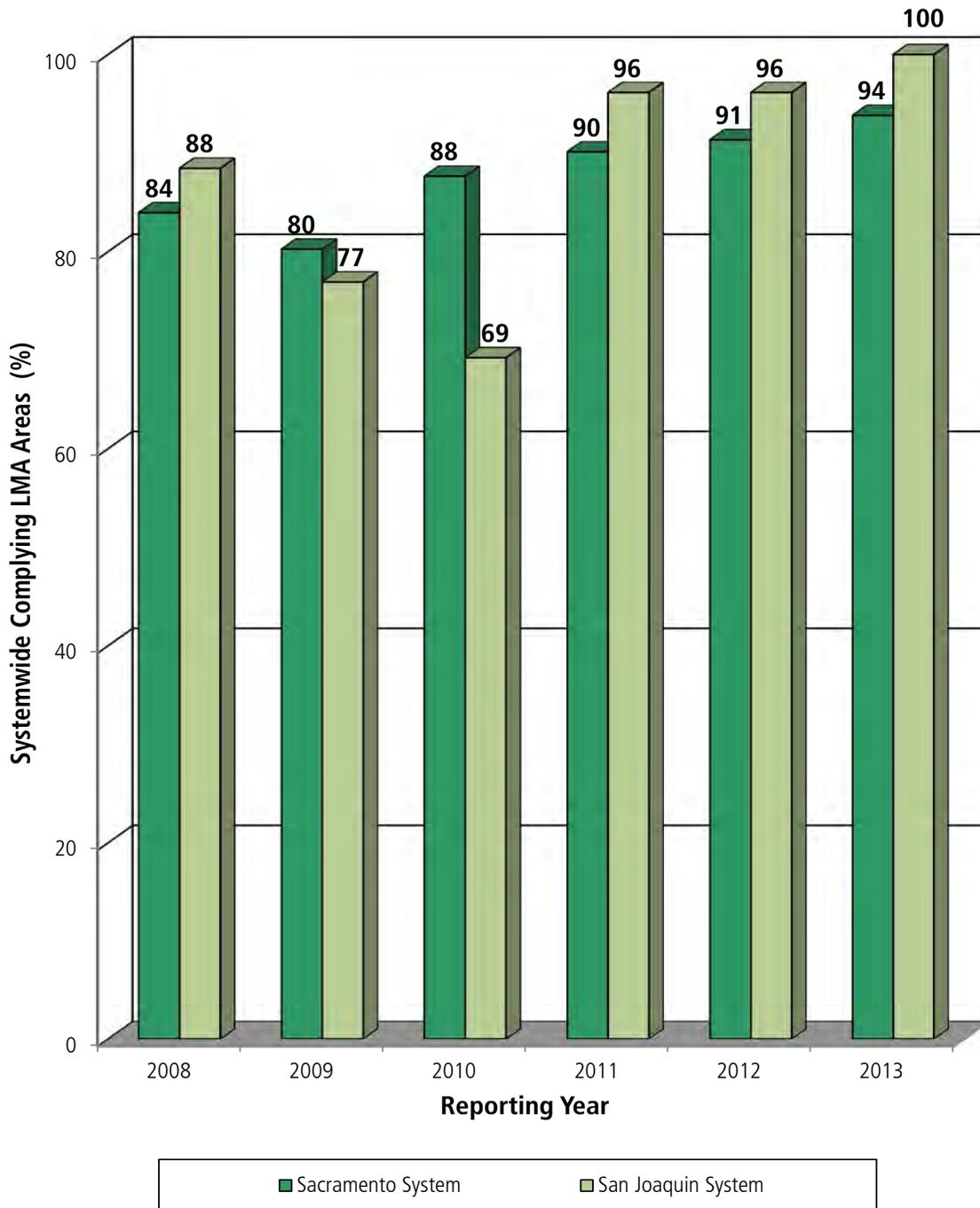
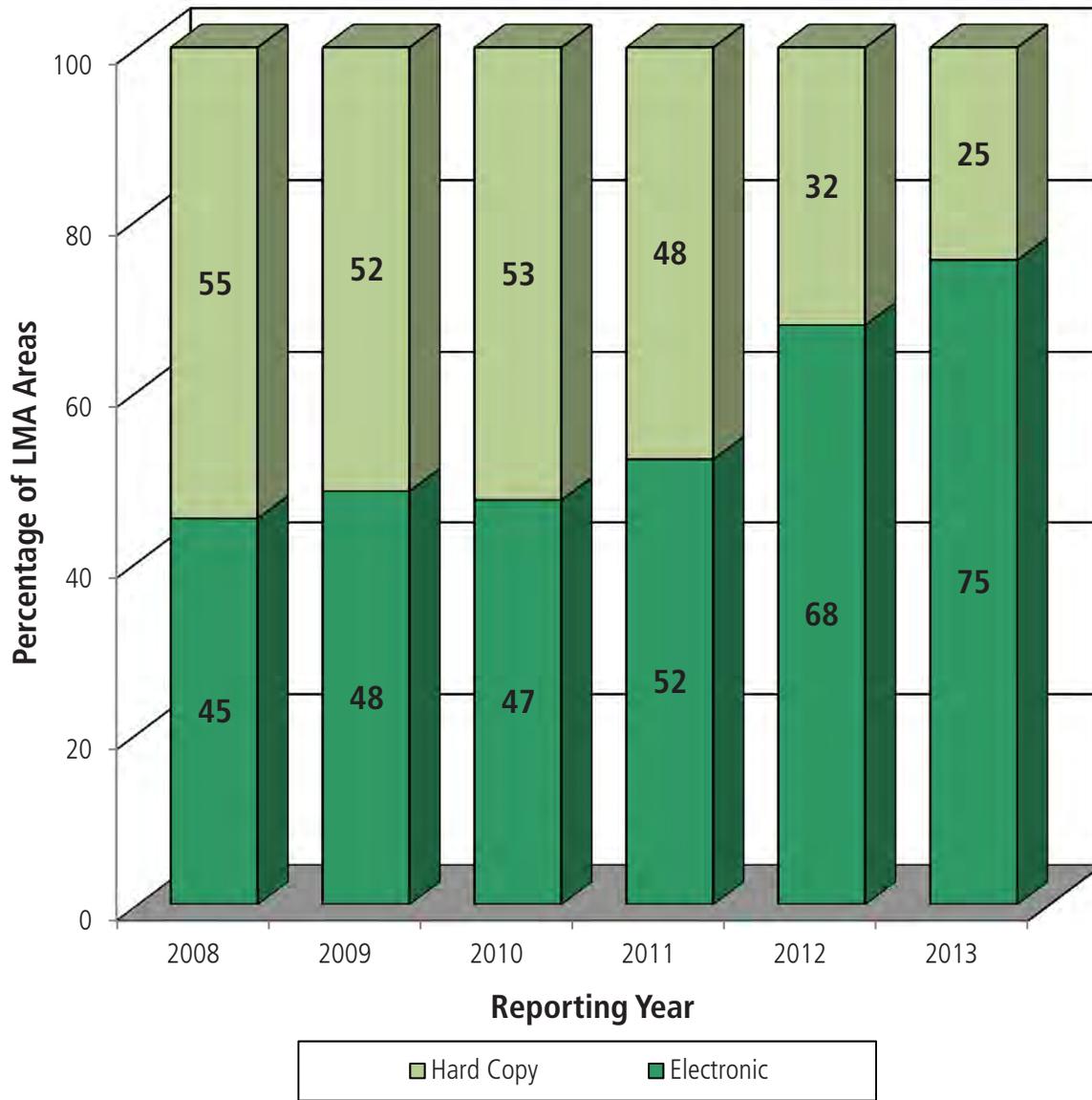


Figure 6-3: Reporting Mode for 2008-2013



Reported Key Maintenance Activities

About 96% of reporting Areas provided information on the summary of maintenance activities. As in the previous years, routine vegetation maintenance activities (burning, slope dragging, cutting, trimming, spraying), rodent control, levee crown grading, roadway maintenance and encroachment dominated LMA maintenance activities for fiscal year 2012-13. Figure 6-4 shows the activities Areas reported as having performed as a percentage of the total number of Areas who reported information during that year. Other reported key activities include minor structural repairs (mile markers, gates, barricades, and miscellaneous signs maintenance and repair), and minor levee repairs (erosion repair, hole grouting, revetment, rip-rap and slope repair). Some LMAs also reported levee patrolling and other planning activities such as preparation of five year maintenance plans.

A similar percentage of reporting Areas also provided information on the planned maintenance activities for the current fiscal year 2013-14. The planned activities reflect similar maintenance priorities as performed maintenance activities in fiscal year 2012-13. Figure 6-5 shows planned activities that were reported by LMAs.

Figure 6-4: Key Performed Activities Reported for 2008-2013

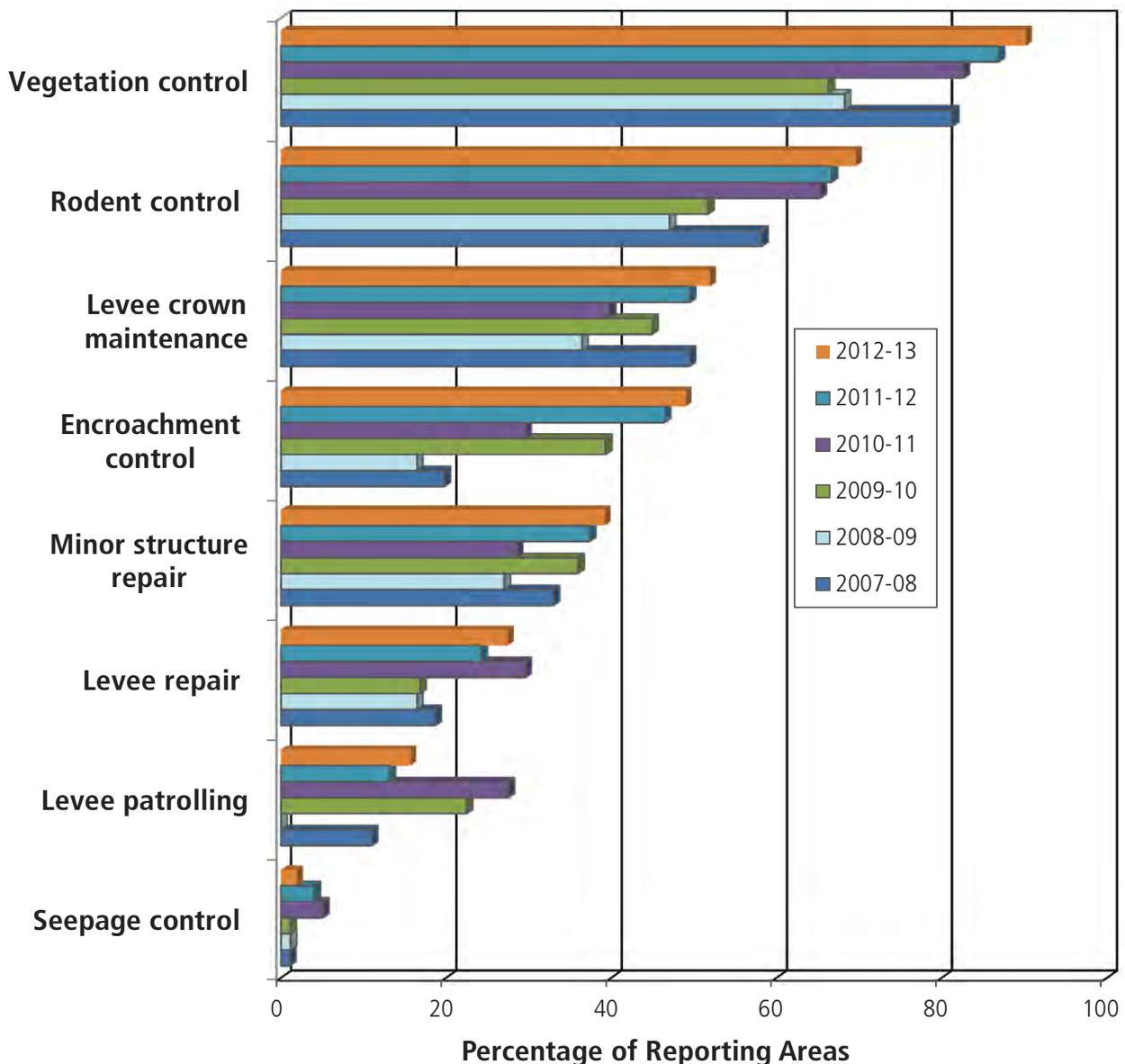
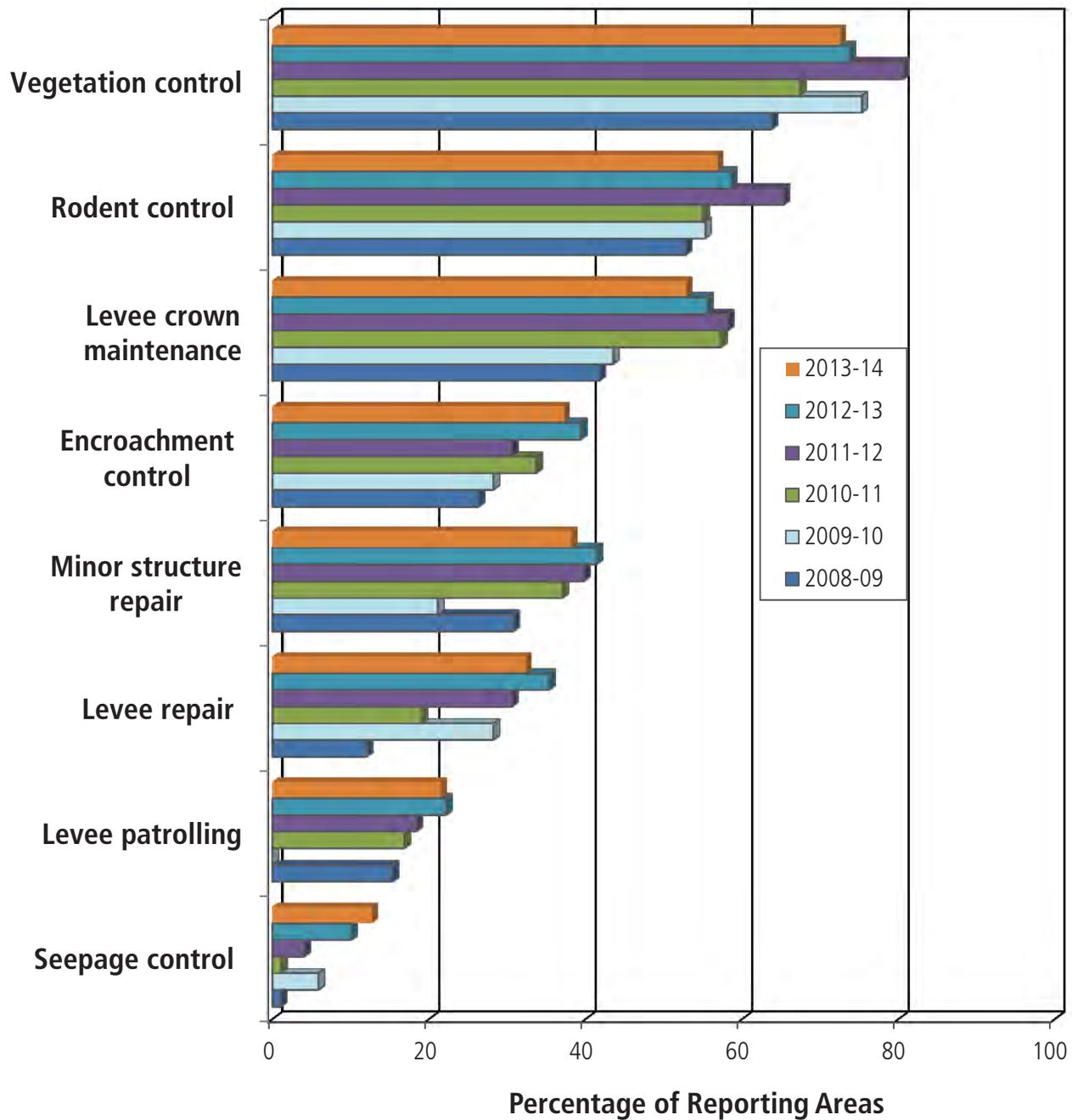


Figure 6-5: Key Planned Activities Reported for 2009-2014



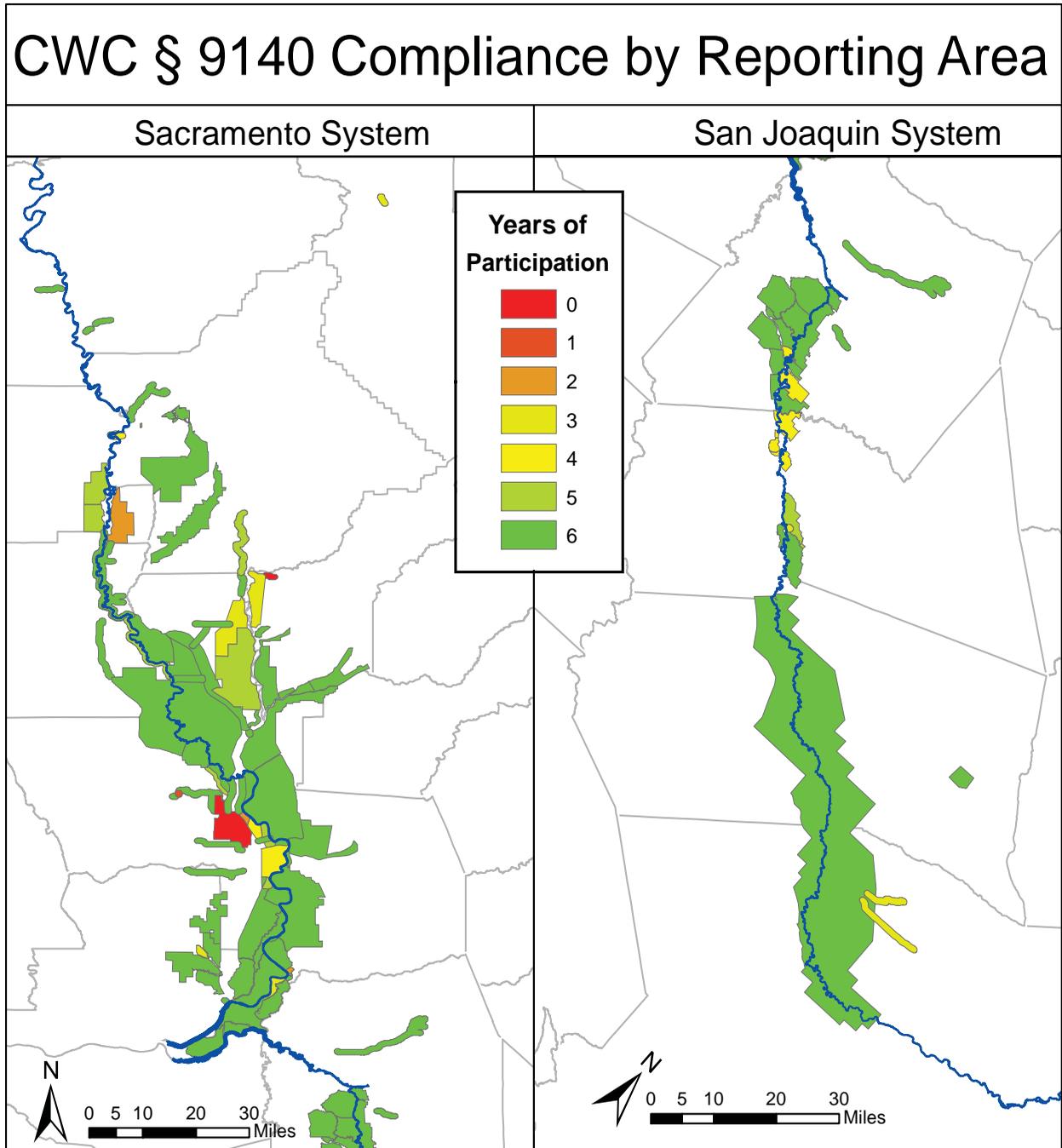
Issues Reported

Local Maintaining Agencies also reported issues and information critical for the integrity of the Project levees. Key issues pointed out 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. All of this information is summarized as Part 1 and Part 2 in the summary reports in Appendices A through C.

Figure 6-6 shows a graphical representation of LMA’s compliance with the program for both the Sacramento and San Joaquin systems from 2008 through 2013. For the most part, both Sacramento and San Joaquin system LMAs complied with

the program for majority of the years since 2008. The figure also shows that there are a handful number of LMAs in the Sacramento system that never reported to the program. On the contrary, there are no single LMAs in the San Joaquin system that never reported to the program.

Figure 6-6: Compliance by Reporting Area for 2008-2013



6.4 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 a web-based reporting tool 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 6-7 describe the chronology of the outreach process for 2013.

Local Maintaining Agency Reporting Workshops

A workshop announcement was distributed to LMAs in July 2013 to provide information on LMA reporting. Two half-day workshops were held on August 20, 2013, in DWR's Flood Operations Center. The workshops 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.

Web Application User Manual

A web application User Guide has been updated for the electronic users to facilitate reporting. The guide includes Utility Crossing Inventory Pipeline Program module. It can be used to answer frequently asked questions. The guide will be subjected to change as functions and features are 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 was revised in 2013 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.

Non-Project Levee Information

In order to further expand the CWC 9140 requirement, DWR asked the LMAs (who maintain non-Project levees) to submit information on their non-Project levees in 2013. The information gained will aid DWR and LMAs with their reporting requirement, and in building a comprehensive non-Project levee database. DWR developed a fact sheet, individual agency non-Project aerial map, and related forms to facilitate agencies to submit information on their non-Project levees. The information can be found at <http://cdec.water.ca.gov/lma.html>. Forty Six responses have been received thus far. DWR is hoping to get more responses from LMAs in the near future to build the non-Project levee database.

Submittal to Libraries

DVDs of the 2012 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 and Counties

DVDs of the 2012 Annual Reports were submitted to 17 cities and counties within the jurisdictional areas of the LMAs. This improvement was added to the program for the first time in 2011. The code requires distribution of the report to interested cities and counties. The counties included were Butte, Plumas, Glenn, Colusa, Tehama, Placer, Sutter, Yolo, Lake, Sacramento, Solano, San Joaquin, Stanislaus, Madera, Merced, and Fresno. A copy of the letter to the cities and counties is included in Appendix D.

Reporting Requirements Letter

On September 3, 2013, 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 performs outreach activities to assist LMAs with meeting the reporting deadline, assist in the web application, and help submit 2013 report successfully.

Email Distribution ListServ

The existing listserv (email distribution list) has been expanded with more email addresses in 2013. The listserv is used by inspection and other programs within DWR to communicate and outreach to LMAs conveniently and timely.

Website and Electronic Reporting - Web Application Development

The graphical user interface for the webpage was developed in 2008 with assistance from the California Data Exchange Center (CDEC) staff to improve reporting and information sharing. Various documents regarding the LMA Reporting program can be accessed at <http://cdec.water.ca.gov/lma.html>. The web based reporting application can also be accessed at this location.

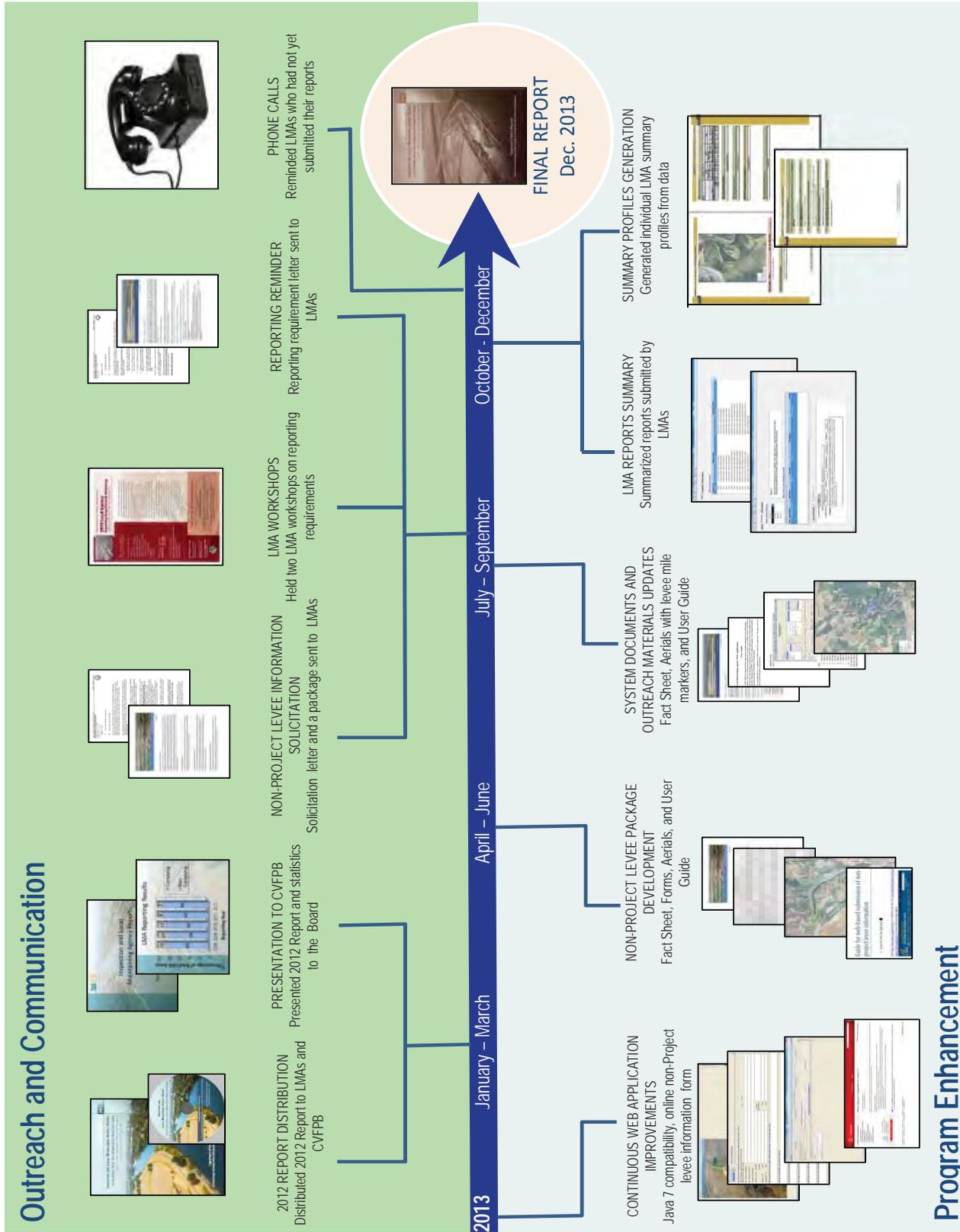
The application allows LMAs to establish an individual user account, access certain flood system information, and submit required information electronically.

This web application is continually improved and enhanced with features and functions 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 examples, 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. LMAs are highly encouraged to use the electronic program to submit information required from the Inspections and LMA Reporting programs at one place. The response has been positive to date; more agencies submitted their reports electronically continually in 2013 than by hard copy.

Based on LMA requests, the web application has been upgraded to Java 7 from Java 6 in 2013.

Figure 6-7: LMA Reporting Program Activities



7 OTHER FPIIB 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 LMAs 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 help assist in conducting high-water staking.

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

7.1 *Inspection and Reporting for Project Facilities*

As described earlier, FPIIB conducts maintenance inspections for Project levees, channels, and structures—the main subject of this report. Improvements in 2013 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 the 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 set up a program and protocol to assist DWR, LMAs, and other interested parties on how to perform high water staking. As part of this effort, FPIIB developed documentation for high water staking in Project levees. They are:

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

The High Water Staking Field Guidebook is designed to assist field crews with staking procedures. It provides a pre-staking checklist and describes how to stake, where to stake and what to stake. The High Water Event Documentation Program Report describes issues and concern about the 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 the Floodplain Evaluation Branch, Hydrology Branch, Regional Projects Assessment Branch of DFM, and the 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. Staking was done to gather valuable information on high water as well as to test the guidelines and protocols that were developed. The data collected 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. As stated earlier, 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) inspect the waterside levees for erosion activity, b) document and report new erosion sites, c) document and report the current condition of previously identified erosion sites, and d) rank and rate the severity of erosion sites based upon the findings from the field survey. The USACE and its contractors generate the report on erosion found in the Sacramento River system; FPIIB staff supplements their inspection reports with the USACE data as it becomes available. The 2013 data was not received from the USACE in time to include in this report and the LMRs. Once FPIIB receives this data it will be incorporated into future reports.

The results from DWR's 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 staff supplements their inspection reports with the USACE data as it becomes available. In 2013, the 2013 data was not received from the USACE in time to include it in this report and the LMRs. Once FPIIB receives this data it will be incorporated into future reports.

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

7.4 *Utility Crossing Inventory Surveys*

Levee penetrations are recognized as hazardous elements that affect 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, DWR 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 UCIP is to develop an inventory of utility crossings penetrating State-federal flood Project levees. The inventory will include detailed desk studies to identify the location and characteristics of pipes documented crossing Project levees, as well as 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, 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 the 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

As mentioned in Section 1.3, 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 list current inventories and conditions 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 of flood fights and 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 inspectors visually inspect the construction and installation of permitted encroachments for adherence to Board conditions. The number of permits requiring inspection continued to increase in 2013.
- Other CVFPB/FOC Inspections: In addition to the issuance of formal permits, the CVFPB authorizes activities on levees and structures in the system. During 2013, 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 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 a variety of efforts following the completion of the 2012 Central Valley Flood Protection Plan. These efforts included supporting the preparation of Regional Plans and a variety of research and coordination projects.
- Periodic Inspections: The USACE and its contractors conducted multiple Periodic Inspections throughout 2013. 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. In 2013 FPIIB staff worked with the CDEC and CVFPB staff to create a database to help keep track of the status and results from these inspections.
- Levee Log Update: FPIIB completed the digitization of historical levee logs and is working to combine other databases to create links between different documentation including inspections, CVFPB encroachment permits, UCIP, and other data.
- 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 help the Flood Fight Specialist teach 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 2013, FPIIB staff continued to add more documentation to CDEC and made it available to stakeholders.
- Emergency Exercises: FPIIB assisted the FOC in preparing and conducting emergency response exercises. FPIIB staff participated in a simulation for the Forecast-Coordinated Operations (F-CO) group in October 2013 and a field exercise with the California Conservation Corps and Sacramento County in November 2013.
- 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.
- Revised Erosion Scoring System for San Joaquin River Erosion Sites: Working together with consultants, FPIIB reviewed the existing database and erosion scoring system and developed an improved inspection criteria and a rating methodology. The revised erosion scoring system helps field personnel evaluate site conditions objectively and consistently. It also provides a fixed threshold value against which to rate the erosion site as Unacceptable or Minimally Acceptable.
- Levee Erosion Monitoring System Pilot Study: A pilot project to evaluate the feasibility of a multi-site erosion monitoring system is being considered. If the pilot project is undertaken, an existing erosion site will be selected (one that may be expected to erode during the following flood season) and erosion instrumentation (beacons, signal receivers) will be installed. The pilot study will provide real-time information to assess the feasibility and cost effectiveness of installing a multi site erosion monitoring system.

Appendix **A**

Sacramento River Individual Agency Summary Reports

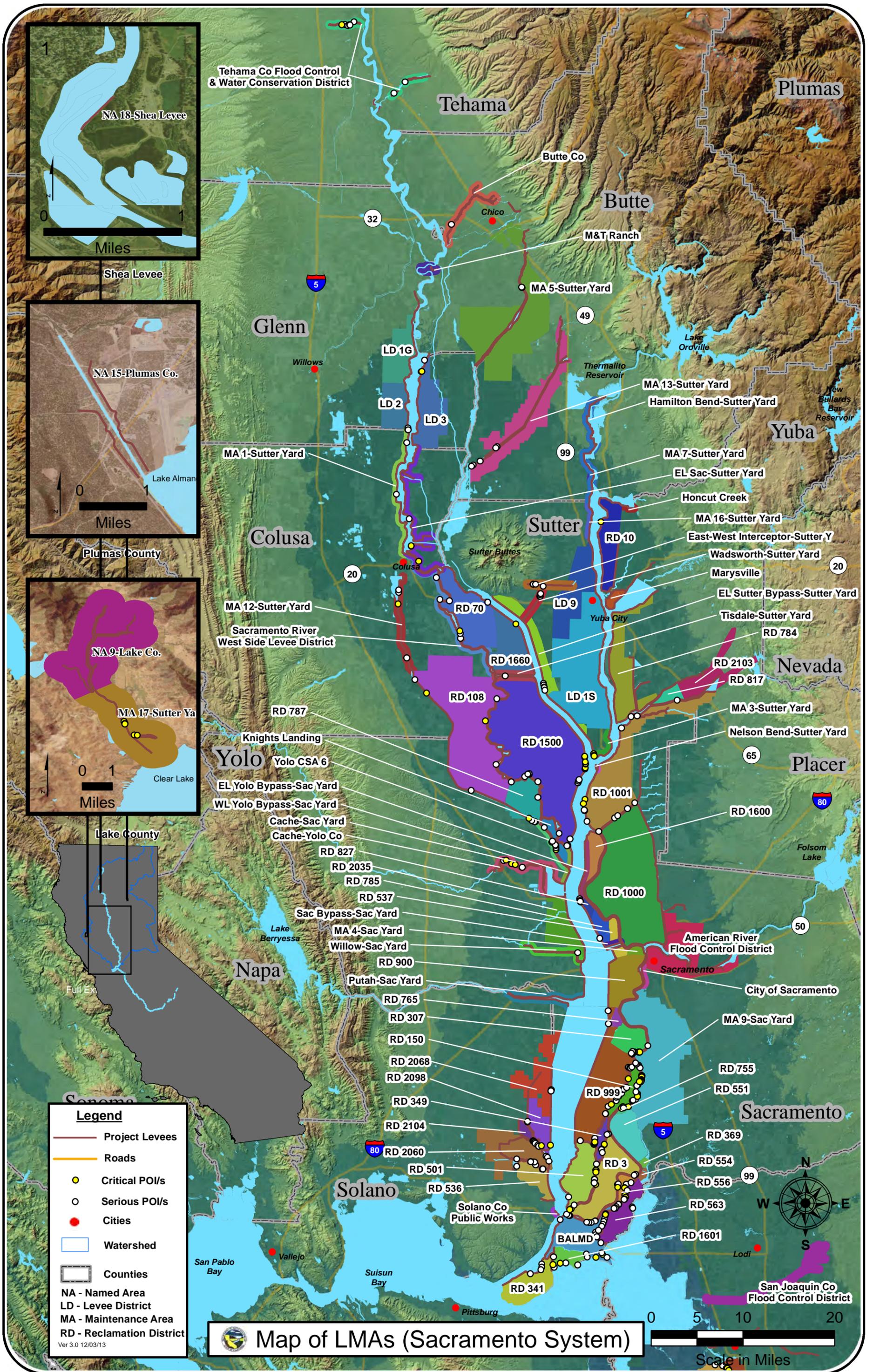
A total of 61 LMAs and 82 local reporting areas for Project Levees/Structures/Channels are included in the Sacramento River Flood Control Project. Appendix A includes an index to Sacramento River System LMAs, a map to show the locations of each reporting area, and individual LMA summary profiles. Appendix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

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

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Reclamation District No. 0010 Honcut	Yuba	RD 10	RD0010	29
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Reclamation District No. 0501 Ryer Island	Solano	RD 501	RD0501	63
Reclamation District No. 0536 Egbert	Solano	RD 536	RD0536	67
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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	93
Reclamation District No. 0765 Glide	Yolo	RD 765	RD0765	97
Reclamation District No. 0784 Plumas Lake	Yuba	RD 784	RD0784	101
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	135
Reclamation District No. 1500 Sutter Basin	Sutter	RD 1500	RD1500	141
Reclamation District No. 1600 Mull	Yolo	RD 1600	RD1600	145
Reclamation District No. 1601 Twitchell	Sacramento	RD 1601	RD1601	149
Reclamation District No. 1660 Tisdale	Sutter	RD 1660	RD1660	153
Reclamation District No. 2035 Conaway	Yolo	RD 2035	RD2035	157
Reclamation District No. 2060 Hastings	Solano	RD 2060	RD2060	161
Reclamation District No. 2068 Yolano	Solano	RD 2068	RD2068	165
Reclamation District No. 2098 Cache and Haas Slough	Solano	RD 2098	RD2098	169
Reclamation District No. 2103 Wheatland Vicinity	Placer	RD 2103	RD2103	173
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Local Agencies & Areas	County	Tab Name	Short Name	Page
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California Department of Fish and Game Shea Levee	Shasta	Shea Levee	NA0018	193
City of Sacramento	Sacramento	City of Sacramento	NA0005	197
Eastern Honcut Creek	Yuba	Honcut Creek	NA0006	201
Knights Landing Ridge Drainage District	Yolo	Knights Landing	NA0008	205
Lake County Watershed Protection District	Lake	Lake County	NA0009	209
Marysville Levee Commission	Yuba	Marysville Levee	NA0004	213
Plumas County	Plumas	Plumas County	NA0015	217
Sacramento County (Structures)	Sacramento	Sacramento County	NA0050	221
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Maintenance Area 0004	Yolo	MA 4	MA0004	259
Maintenance Area 0009	Sacramento	MA 9	MA0009	263
Putah Creek	Yolo	Putah Creek	ST0007	269
Sacramento Bypass	Yolo	Sacramento Bypass	ST0008	273
West Levee Yolo Bypass	Yolo	West Levee Yolo Bypass	ST0011	277
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Sutter Maintenance Yard				
DWR Sutter Maintenance Yard (Structures)		Sutter Yard	NA0060	285
East Levee Sacramento River	Colusa	East Levee Sacramento	ST0003	289
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Maintenance Area 0003	Sutter	MA 3	MA0003	309
Maintenance Area 0005	Butte	MA 5	MA0005	313
Maintenance Area 0007	Butte	MA 7	MA0007	317
Maintenance Area 0012	Colusa	MA 12	MA0012	321
Maintenance Area 0013	Butte	MA 13	MA0013	325
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Nelson Bend	Sutter	Nelson Bend	ST0006	341
Tisdale Bypass	Sutter	Tisdale Bypass	ST0009	345
Wadsworth Canal	Sutter	Wadsworth Canal	ST0010	349

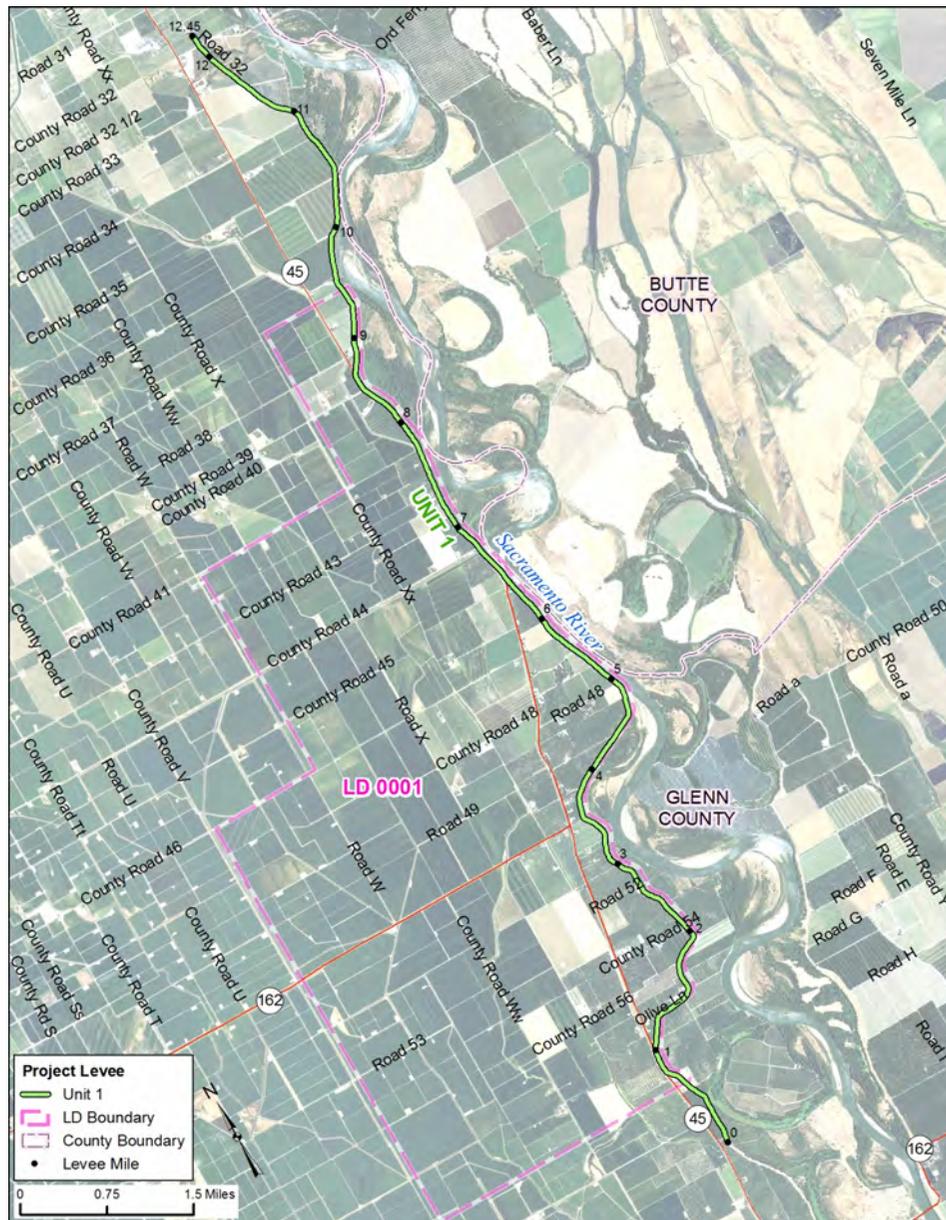


Levee District No. 0001 (Glenn County)

Glenn County

Contact

Bill Carriere
Board Chairman
1640 Highway 45
Glenn CA 95943
Phone: (530) 934-7454



LMA 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.
- The LMA should focus more on controlling woody vegetation.

DWR Levee Inspection Summary

Rated Item	Total LMA Miles		Fall 2012		Fall 2013				Change			
	12.45		A		Overall LMA Rating		A					
	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	0.06		0.06	0.48	0.06		0.06	0.48				0.00
Trim / Thin Trees	0.11		0.11	0.88	0.11		0.11	0.88				0.00
Encroachments	0.05		0.05	0.40	0.04		0.04	0.32	-0.01		-0.01	-0.08
Animal Control	0.23		0.23	1.85	0.15		0.15	1.21	-0.08		-0.08	-0.64
Slope Stability					0.01		0.01	0.08	0.01		0.01	0.08
<i>Supplemental</i>												
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	0.45	0.00	0.45	3.61	0.37	0.00	0.37	2.97	-0.08	0.00	-0.08	-0.64

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Sacramento River west bank	119.72	Inactive	04/03/2013	U

DWR Flood System Repair Project Summary

No POI Repair Sites.

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 no impairments or compromising conditions were known at the time of this 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 reported that there is no new relevant information on impairments or compromising conditions.

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

The Agency provided a summary of maintenance activities performed for the Levee Unit 1. Activities include inspections of culverts, standpipes, and gates, 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 for Levee Unit 1. Expenses include cost of vegetation control. The reported total estimated cost for the fiscal year is \$4,000.

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

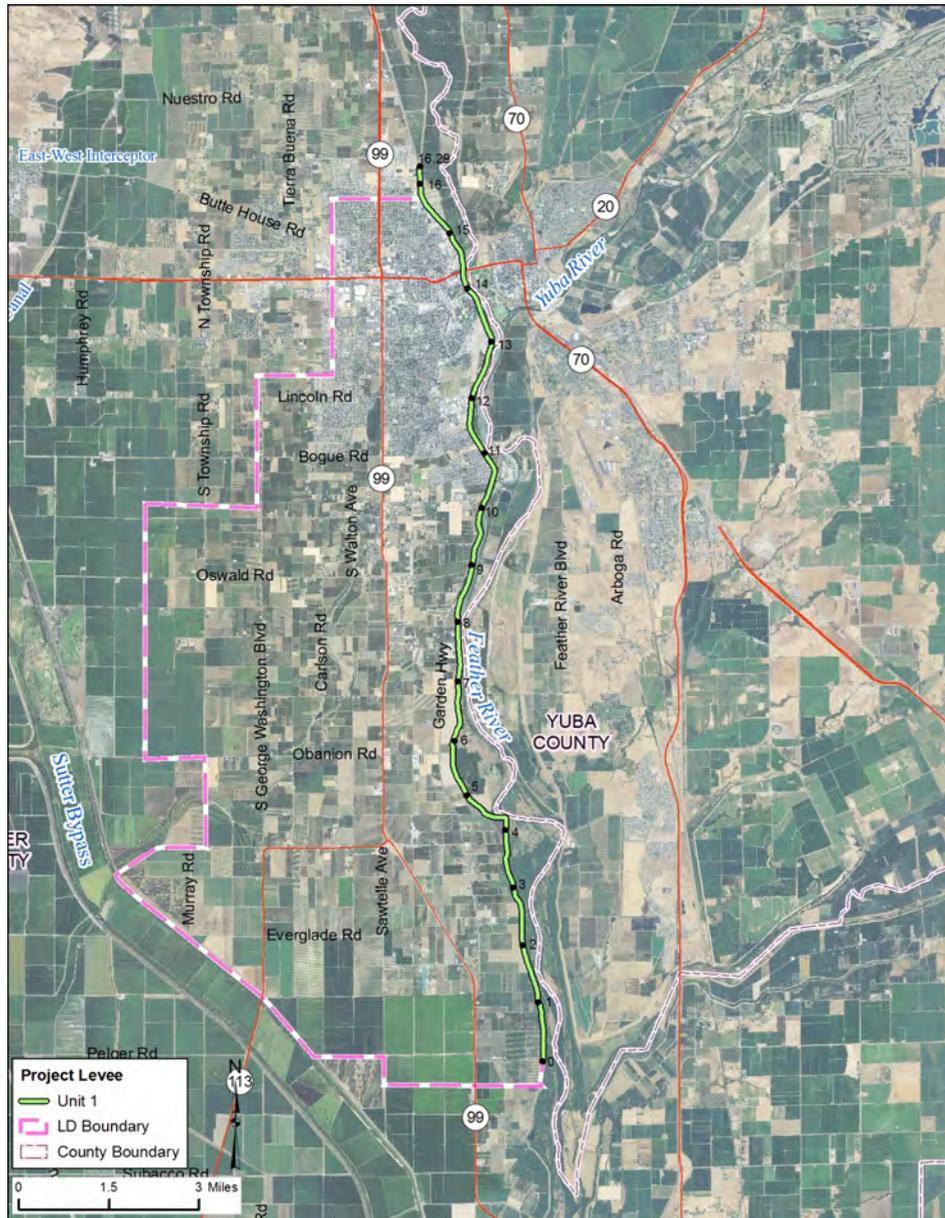
The Agency reported that there is no new additional information that is relevant to the condition or performance of the Project levee.

Levee District No. 0001 (Sutter County)

Sutter County

Contact

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



LMA Short Name : LD0001S	Bank	Unit Length (Miles)
Unit No. 01 Feather River	RB	16.65

Threat Assessment & Recommendations

- There is vegetation that significantly impacts access and visibility in this Area.

DWR Levee Inspection Summary

Rated Item	Total LMA Miles		Fall 2012		Fall 2013				Change			
	16.65		Overall LMA Rating		Overall LMA Rating		Overall LMA Rating					
			A		A		A					
	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					1.41		1.41	8.47	1.41		1.41	8.47
<i>Interior Drainage & Piping Systems</i>												
Metal Pipes	0.01		0.01	0.06	0.01		0.01	0.06				0.00
<i>Supplemental</i>												
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	0.01	0.00	0.01	0.06	1.42	0.00	1.42	8.53	1.41	0.00	1.41	8.47

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE 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 Flood System Repair Project Summary

No POI Repair Sites.

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 deep slurry wall is being installed between levee mile 10.87 and 12.42. The Agency also reported all relief wells between levee mile 10.87 and 12.42 were pump-tested and 3 were grouted. The Agency also mentioned numerous drain pipes are abandoned throughout the levee district and all these pipes will be removed during 2014-2016.

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 there is no issue on impairments or compromising conditions.

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

The Agency provided a summary of maintenance activities performed for the district. Activities include gate repairing, 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 \$364,993.

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

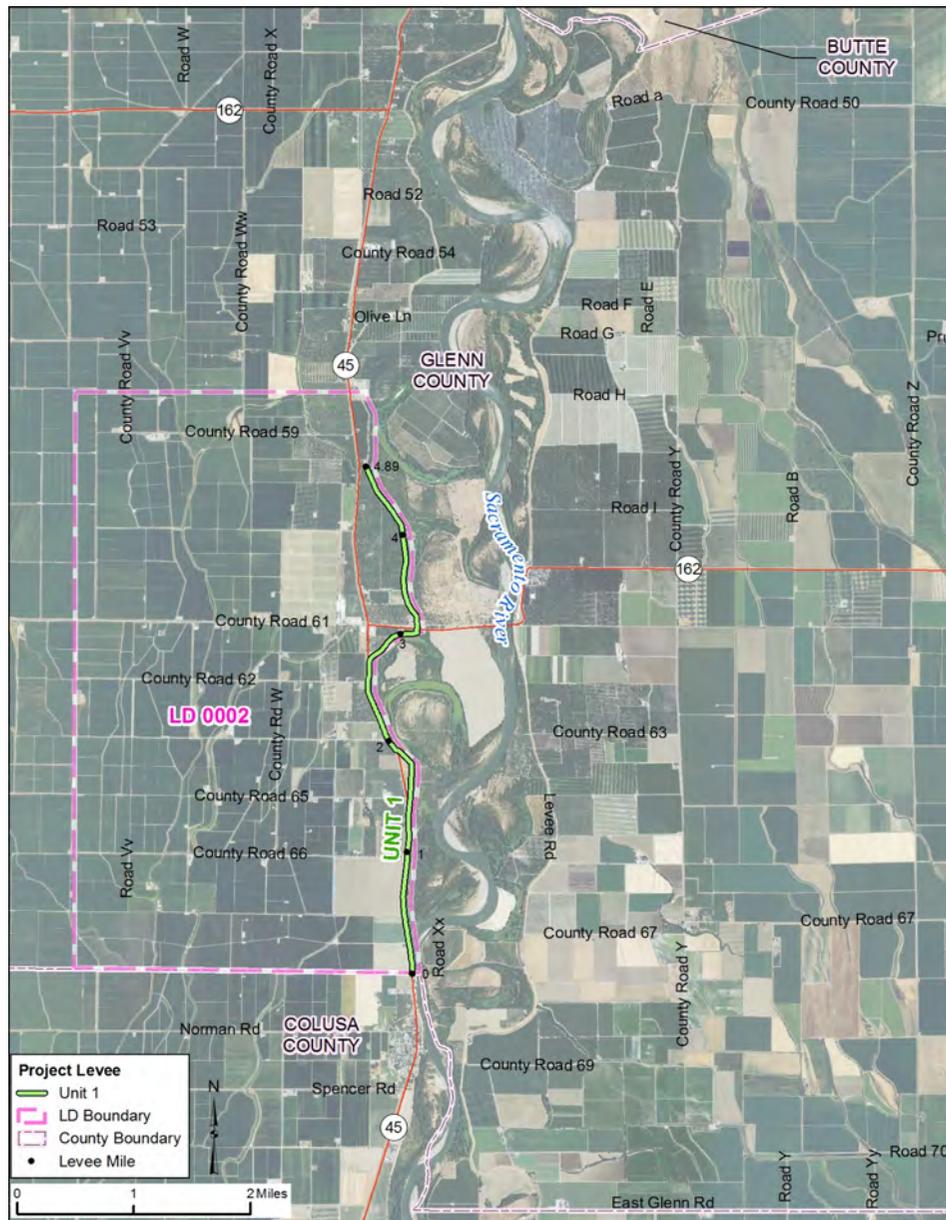
No information provided by the Agency for Part 5.

Levee District No. 0002 (Glenn County)

Glenn County

Contact

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



LMA 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.

DWR Levee Inspection Summary

LD0002	Total LMA Miles		4.89									
	Fall 2012				Fall 2013				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	0.25		0.25	5.11	0.32		0.32	6.54	0.07		0.07	1.43
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
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	0.27	0.00	0.27	5.52	0.33	0.00	0.33	6.75	0.06	0.00	0.06	1.23

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

Unit No. 01 Glenn County Sacramento River, RB

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

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Sacramento River west bank	119.72	Inactive	04/03/2013	U

DWR Flood System Repair Project Summary

Unit : unable to assign

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
DWR_LD0002_01_s_2012_6	Serious	Erosion	0.02	0.02	Right	39.41534	-122.01028

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 change in conditions from 2012. In 2012, the Agency referred to the USACE Periodic Inspection Report and Geotechnical Assessment Report, North NULE Study Area for the relevant information. The Spring 2013 Levee 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 reported no change in conditions from 2012. In 2012, the Agency referred to the USACE Periodic Inspection Report and Geotechnical Assessment Report, North NULE Study Area for the relevant information. The Spring 2013 Levee 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 include 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 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 \$4,050.

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

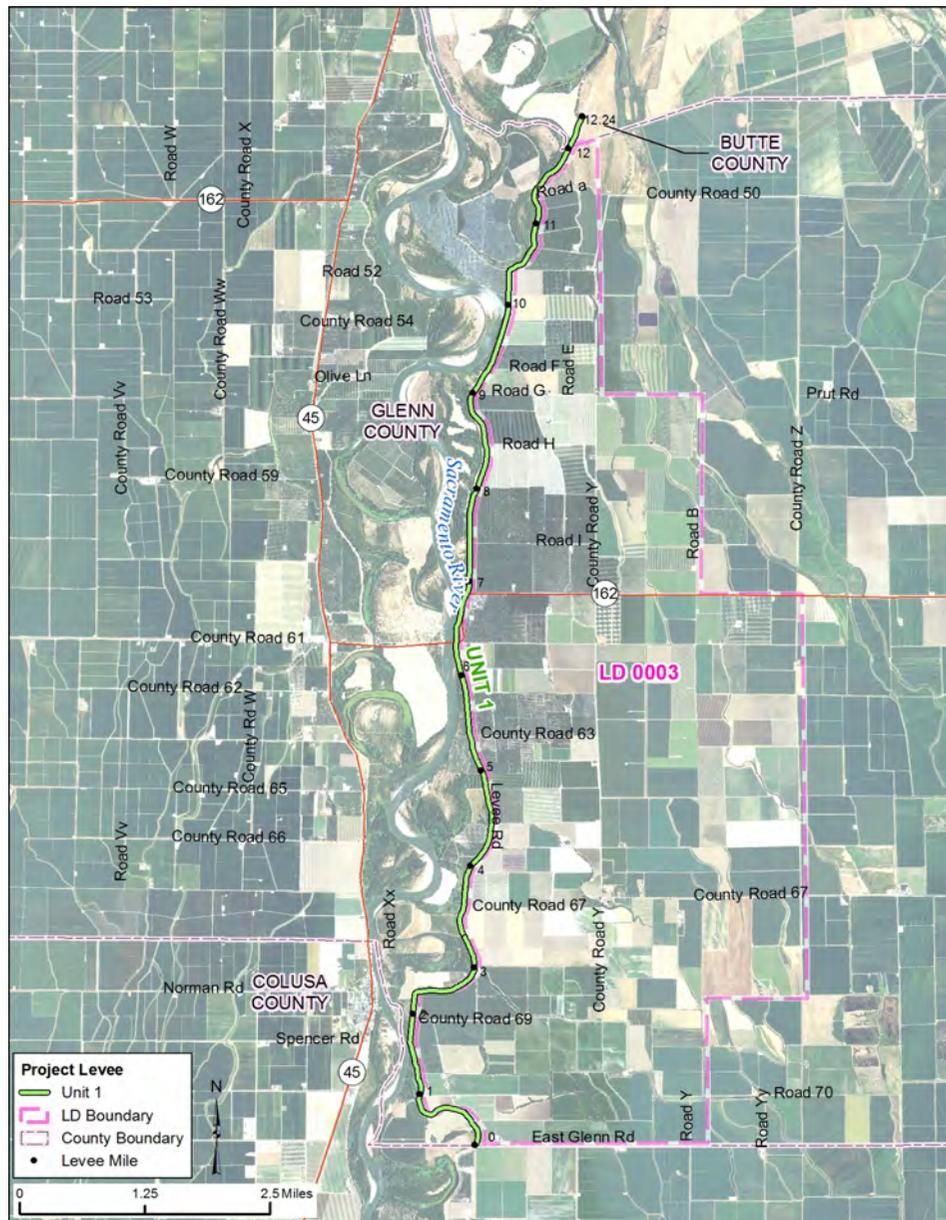
The Agency reported no change from 2012.

Levee District No. 0003 (Glenn County)

Glenn County

Contact

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



LMA Short Name : LD0003		Bank	Unit Length (Miles)
Unit No. 01	Glenn County Sacramento River	LB	12.24

Threat Assessment & Recommendations

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

DWR Levee Inspection Summary

LD0003	Total LMA Miles		12.24									
	Fall 2012				Fall 2013				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					0.01		0.01	0.08	0.01		0.01	0.08
Trim / Thin Trees	0.19		0.19	1.55	0.19		0.19	1.55	0.00			0.00
Encroachments	0.20		0.20	1.63	0.21		0.21	1.72	0.01		0.01	0.08
Animal Control	1.79		1.79	14.62	1.94		1.94	15.85	0.15		0.15	1.23
Slope Stability	0.06		0.06	0.49	0.07		0.07	0.57	0.01		0.01	0.08
<i>Supplemental</i>												
USACE Erosion Survey	0.03		0.03	0.25	0.03		0.03	0.25				0.00
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	2.27	0.00	2.27	18.55	2.45	0.00	2.45	20.02	0.18	0.00	0.18	1.47

LD 3

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

Unit No. 01 Glenn County Sacramento River, LB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
SAC_163-0_L	163.00	1.35	1.35	eroding	M
SAC_168-3_L	168.30	5.96	5.96	eroding	M
SAC_172-0_L	172.00	9.60	9.60	eroding	M

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Sacramento River East Levee - LD 3 Glenn County	38.36	Inactive	05/08/2013	U

DWR Flood System Repair Project Summary

Unit No. 01 Glenn County Sacramento River

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
68-12	Serious	Erosion	11.25	11.25	Left	39.523082	-121.979032
DWR_LD0003_01_s_2012_52	Critical	Erosion	9.60	9.87	Left	39.5043881516	-121.985300903
DWR_LD0003_01_s_2012_40	Critical	Erosion	9.88	9.88	Left	39.505045	-121.984327

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 provided by the Agency for Part 1.

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

No information provided by the Agency for Part 2.

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

No information provided by the Agency for Part 3.

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

No information provided by the Agency for Part 4.

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

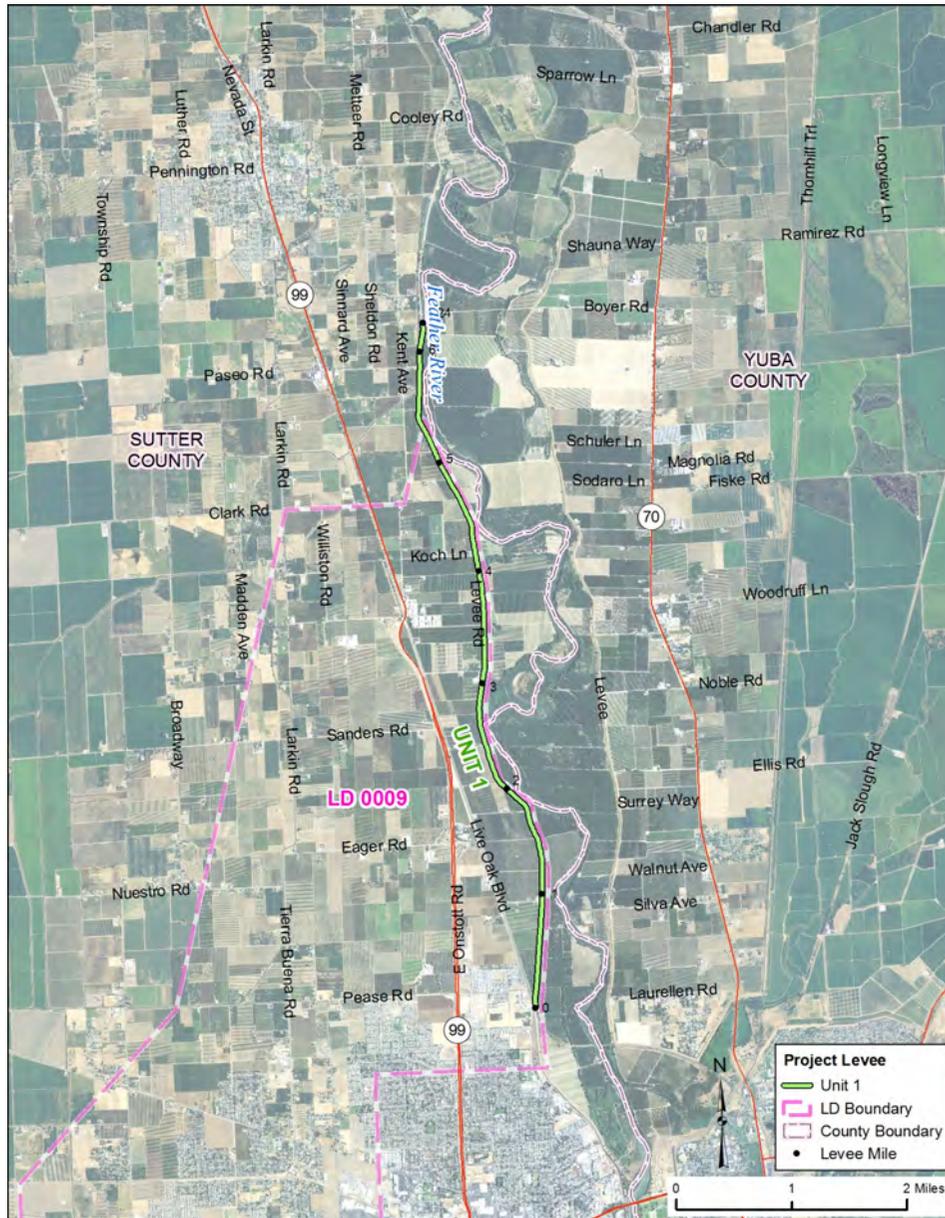
No information provided by the Agency for Part 5.

Levee District No. 0009 (Sutter County)

Sutter County

Contact

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



LMA Short Name : LD0009	Bank	Unit Length (Miles)
Unit No. 01 Sutter County, Feather River	RB	6.24

Threat Assessment & Recommendations

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

DWR Levee Inspection Summary

Rated Item	Total LMA Miles		6.24		Fall 2012				Fall 2013				Change			
	Overall LMA Rating				A				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>																
Encroachments	0.02		0.02	0.32	0.01		0.01	0.16	-0.01		-0.01	-0.16				
Animal Control						0.23	0.92	14.74		0.23	0.92	14.74				
<i>Supplemental</i>																
DWR UCIP Field Study												0.00				
<i>LMA Totals:</i>	0.02	0.00	0.02	0.32	0.01	0.23	0.93	14.90	-0.01	0.23	0.91	14.58				

LD 9

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE 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 Flood System Repair Project Summary

No POI Repair Sites.

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 provided by the Agency for Part 1.

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

No information provided by the Agency for Part 2.

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

No information provided by the Agency for Part 3.

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

No information provided by the Agency for Part 4.

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

No information provided by the Agency for Part 5.

Reclamation District No. 0003 Grand Island

Sacramento County

Contact

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



LMA 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	Cross Levee		0.43

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.
- The LMA should ensure that the levee crown and access roads are able to be driven in all weather conditions.

DWR Levee Inspection Summary

Rated Item	Total LMA Miles		29.08		Fall 2012				Fall 2013				Change			
	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	0.92	0.01	0.96	3.30	0.13	0.03	0.25	0.86	-0.79	0.02	-0.71	-2.44				
Trim / Thin Trees	0.41		0.41	1.41	0.95	0.02	1.03	3.54	0.54	0.02	0.62	2.13				
Encroachments	0.06		0.06	0.21	0.13	0.04	0.29	1.00	0.07	0.04	0.23	0.79				
Slope Stability					0.01		0.01	0.03	0.01		0.01	0.03				
Erosion / Bank Caving					0.01	0.07	0.29	1.00	0.01	0.07	0.29	1.00				
Crown Surface / Depressions / Rutting					0.56		0.56	1.93	0.56		0.56	1.93				
<i>Supplemental</i>																
USACE Erosion Survey	0.31		0.31	1.07	0.31		0.31	1.07	0.00			0.00				
<i>LMA Totals:</i>	1.70	0.01	1.74	5.98*	2.10	0.16	2.74	9.42*	0.40	0.15	1.00	3.44				

* 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

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

Unit No. 01 Left Bank Steamboat Slough, LB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
STM_26-0_L	26.00	0.18	0.23	eroding	M
STM_25-0_L	25.00	0.92	1.01	eroding	M
STM_24-8_L	24.80	1.03	1.18	eroding	M
STM_23-8_L	23.80	2.15	2.17	repaired	C

Unit No. 02 Right Bank Sacramento River, RB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
SAC_26-3_R	26.30	11.33	11.33	eroding	M
SAC_31-6_R	31.60	16.54	16.54	eroding	M

USACE Inspection Ratings Summary

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

DWR Flood System Repair Project Summary

Unit No. 01 Left Bank Steamboat Slough

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
DWR_RD0003_01_s_2012_4	Serious	Erosion	0.12	0.23	Left	38.3030354383	-121.577357095
DWR_RD0003_01_R_2012_03	Critical	Erosion	10.8	11.02	Left	38.18381	-121.64878
113-2039	Critical	Seepage	4.40	4.92	Left	38.245951517	-121.600835
113-2041	Critical	Seepage	4.9	4.9	Left	38.245951517	-121.600835223
113-2042	Critical	Seepage	4.94	4.94	Left	38.245376912	-121.600848951
113-95	Critical	Seepage	5.13	5.13	Left	38.242643975	-121.600845127
113-93	Critical	Seepage	6.52	6.39	Left	38.222943386	-121.601045681
113-2035	Critical	Erosion	6.52	10.96	Left	38.182756121	-121.652264901

Unit No. 02 Right Bank Sacramento River

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
DWR_RD0003_02_s_2012_20	Serious	Erosion	11.551	11.641	Right	38.239869887	-121.520989285
384-178	Critical	Seepage	8.24	8.30	Right	38.223641034	-121.557298804

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 there is no new relevant information on the condition or performance of the Project 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 that the seepage zone along landside levee toe at Levee Unit 1, LM 6.3 to 6.5 was repaired in 2013. The Agency reported on the historically active and easily visible sinkholes and on the seepage zone along the landside levee toe at Levee Unit 1, LM 4.73 to 4.88. The Agency also reported on approximately 300 feet erosion site with overhanging trees with exposed roots and limited or no rock revetment along the slope at Levee Unit 1, LM 0.18 to 0.24.

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

The Agency provided action taken on inspection items listed by DWR in the inspection report. The action taken includes corrected, low priority, pending, work in progress, and others for crown surface depression, encroachments, erosion, tree trimming and thinning, and vegetation.

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, inspection, rodent baiting and trapping, 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 \$5,465,000.

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

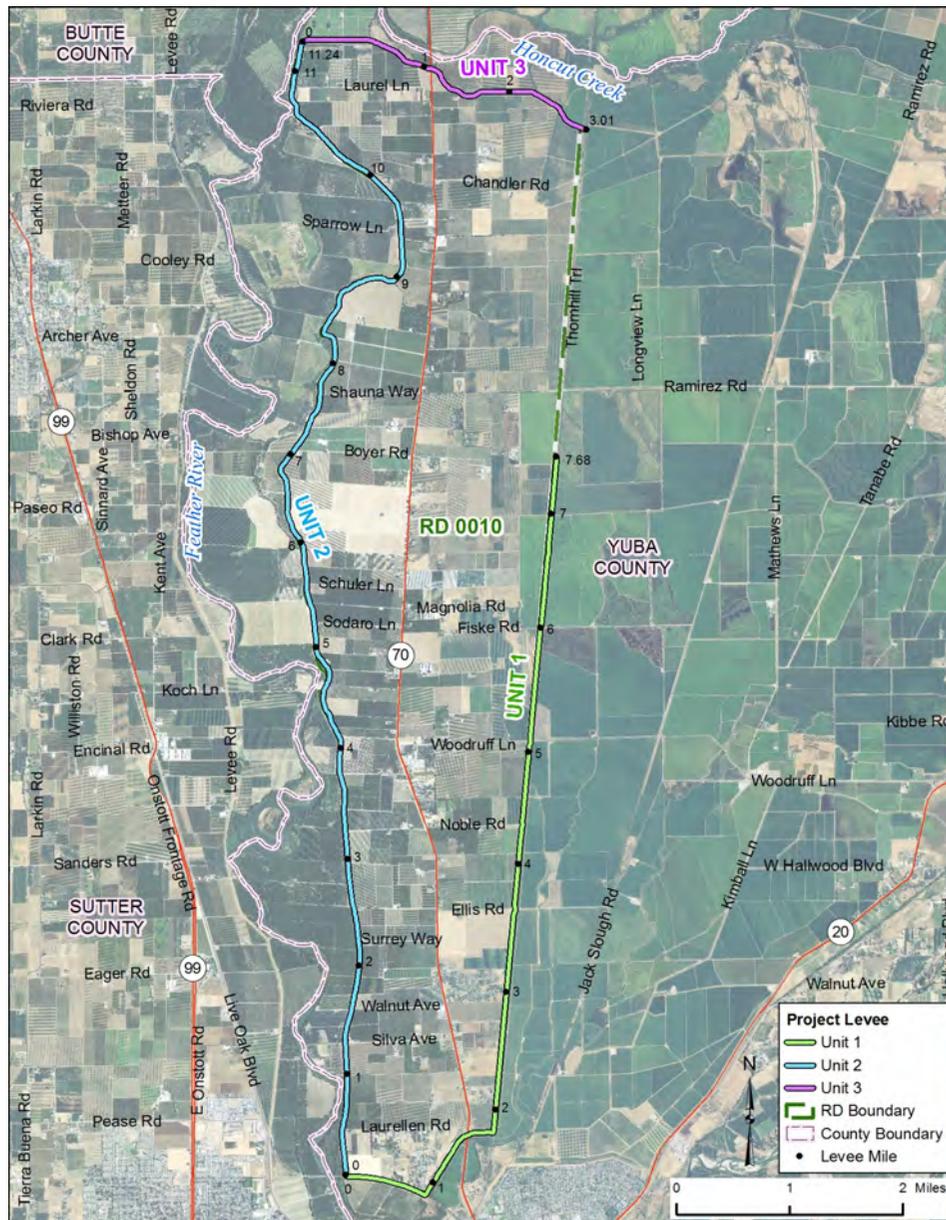
The Agency reported studies related to the preparation of a Five Year Plan including identifying projects, taking District photographs, and developing cross-sections and maps. The Agency also reported Memorandum of Understanding with CA Department of Transportation to provide support and vegetation control along Highway 160 right of way, including guard railing and landside shoulder-levee mile 3.60 to 17.33.

Reclamation District No. 0010 Honcut

Yuba County

Contact

Tom Schultz
President
District Office
10204-A Highway 70
Marysville CA 95901
Phone: (530) 743-6422



LMA Short Name : RD0010		Bank	Unit Length (Miles)
Unit No. 01	Simmerly Slough	RB	7.68
Unit No. 02	Feather River	LB	11.24
Unit No. 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.

DWR Levee Inspection Summary

Rated Item	Total LMA Miles		Fall 2012		Fall 2013				Change			
	Overall LMA Rating		M		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	3.51	0.11	3.95	18.01	6.34		6.34	28.91	2.83	-0.11	2.39	10.90
Trim / Thin Trees					0.02		0.02	0.09	0.02		0.02	0.09
Encroachments	0.01		0.01	0.05					-0.01		-0.01	-0.05
Animal Control	0.03		0.03	0.14	0.39		0.39	1.78	0.36		0.36	1.64
Slope Stability					0.01		0.01	0.05	0.01		0.01	0.05
<i>Supplemental</i>												
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	3.55	0.11	3.99	18.19	6.76	0.00	6.76	30.83	3.21	-0.11	2.77	12.63

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Inspection Ratings Summary

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

DWR Flood System Repair Project Summary

Unit No. 02 Feather River

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
385-4	Critical	Seepage	7.89	7.97	Left	39.272284378	-121.613042223
385-5	Critical	Seepage	7.9		Left	39.272250626	-121.612994523

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 on a few issues for Levee Unit 2. The issues included a pipe extending through the top one third of the levee running north and south at 1/8th mile west of Highway 70; unauthorized use of the levee by vehicular traffic; and levee crown requiring additional gravel.

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 on a few historic repairs carried out at Levee Units 1 and 2. The reported repairs included a crack repair in the middle of the Levee Unit 1, LM 2 in 1986; a seepage repair through installation of toe drains in 1986 at Levee Unit 2; and a seepage repair in 1997 at Levee Unit 2, LM 8.

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 slope dragging for Levee Units 2 and 3 and addition of new gates, rodent control, and vegetation control by burning, mowing, removing, spraying, and thinning for 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 provided a summary of expenses and maintenance activities planned for all levee units. Expenses include costs of administration, legal and management services, equipments, gate installations and repairs, and rodent and vegetation control. The reported total estimated cost for the current fiscal year is \$90,000.

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 an extensive levee inspection and evaluation was carried out by DWR for all levee units. The Agency also wants to have the historic 1937 breach site at LM 2.13 to be evaluated.

Reclamation District No. 0070 Meridian

Sutter County

Contact

Andy Duffey
General Manager
PO Box 129
Meridian CA 95957
Phone: (530) 696-2569



LMA 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 work with landowners and the CVFPB to control unauthorized encroachments.

DWR Levee Inspection Summary

RD0070	Total LMA Miles		23.57									
Rated Item	Fall 2012				Fall 2013				Change			
	Overall LMA Rating				Overall LMA Rating							
	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	0.06		0.06	0.26	0.06		0.06	0.26				0.00
Slope Stability	0.03		0.03	0.13	0.03		0.03	0.13				0.00
Erosion / Bank Caving					0.01		0.01	0.04	0.01		0.01	0.04
<i>Supplemental</i>												
USACE Erosion Survey	0.83		0.83	3.52	0.83		0.83	3.52				0.00
<i>LMA Totals:</i>	0.92	0.00	0.92	3.90	0.93	0.00	0.93	3.95	0.01	0.00	0.01	0.04

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

Unit No. 02 Sacramento River, LB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
SAC_138-1_L	138.10	0.04	0.33	eroding	M
SAC_136-6_L	136.60	1.78	1.91	eroding	M
SAC_133-8_L	133.80	4.44	4.48	removed	A/W
SAC_133-0_L	133.00	5.30	5.52	removed	A/W
SAC_131-8_L	131.80	6.50	6.60	eroding	M
SAC_130-0_L	130.00	8.16	8.32	eroding	M
SAC_125-8_L	125.80	11.64	11.66	eroding	M
SAC_123-3_L	123.30	14.09	14.22	eroding	M

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 0070 and RD 1660 - Sutter Basin North	39.90	Inactive	10/18/2013	U

DWR Flood System Repair Project Summary

Unit : unable to assign

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
Obsrv-131054	Serious	Erosion			RB	39.141981	-121.840245

Unit No. 02 Sacramento River

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
DWR_RD0070_02_s_2012_39	Serious	Erosion	4.472	4.512	Left	39.1426763224	-121.918332711

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 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 working with the landowner to submit the permit. The Agency also reported erosion at the toe of the levee at Unit 1, LM 0.44 to 0.48.

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

The Agency provided a summary of maintenance activities accomplished for Levee Unit 1. Activities include 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 budget for the routine levee maintenance for the current fiscal year. The reported total estimated maintenance cost for the district 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

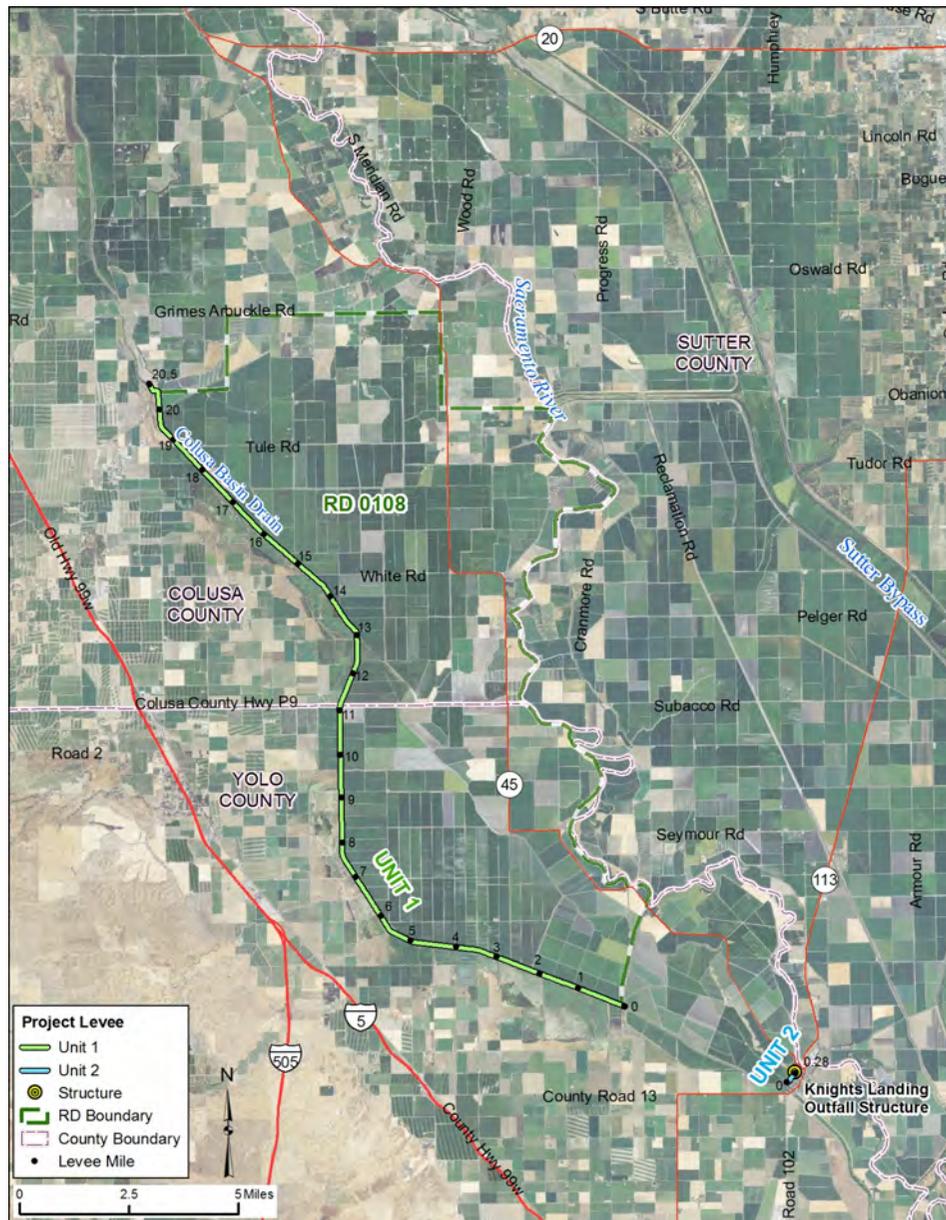
The Agency reported that there is no new additional information that is relevant to the condition or performance of the Project levee.

Reclamation District No. 0108 River Farms

Colusa County

Contact

Lewis Bair
Manager
PO Box 50
Grimes CA 95950
Phone: (530) 437-2221



LMA 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.
- There are one or more locations of unstable slopes and/or cracking in this Area.

DWR Levee Inspection Summary

RD0108	Total LMA Miles		20.87									
	Fall 2012				Fall 2013				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	0.10					-0.02		-0.02	-0.10
Slope Stability					0.01		0.01	0.05	0.01		0.01	0.05
Cracking	0.01		0.01	0.05	0.05		0.05	0.24	0.04		0.04	0.19
<i>Supplemental</i>												
USACE Erosion Survey	0.01		0.01	0.05	0.01		0.01	0.05				0.00
<i>LMA Totals:</i>	0.04	0.00	0.04	0.19	0.07	0.00	0.07	0.34	0.03	0.00	0.03	0.14

RD 108

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

Unit No. 01 Colusa Basin Drain, LB

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 Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Sacramento River west bank	119.72	Inactive	04/03/2013	U

DWR Flood System Repair Project Summary

Unit : unable to assign

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
Obsrv-131060	Serious	Erosion	11.5		Right	38.88509	-121.81703
Obsrv-131062	Serious	Erosion	21.45		Right	38.98934	-121.81792
Obsrv-131063	Serious	Erosion	39.8		Right	39.14484	-121.93788

Unit No. 01 Colusa Basin Drain

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
DWR_RD0108_01_R_2012_01	Critical	Stability	17.1	17.3	Left	38.99602	-121.96091
DWR_RD0108_01_s_2012_3	Serious	Erosion	19.2		Left	39.0167269908	-121.985411064
116-2001	Serious	Stability	4.07		Left	38.843519383	-121.8664296

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 there is no new relevant information on the condition or performance of the Project 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 that there is no new relevant information on impairments or compromising conditions.

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

The Agency provided a summary of maintenance activities performed for all levee units. Activities include crown grading, base rock application, slope dragging, high water levee monitoring, mowing, spraying, clearing, burning, monitoring and baiting rodents, and thinning and trimming trees. The reported total maintenance expenses for the previous fiscal year was \$39,107. The Agency also reported action taken on inspection items listed by DWR in the inspection report. The action taken include corrected, low priority, and pending for rodent control, ditch, 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 a summary of routine maintenance and estimated cost. The activities include crown grading, base rock application, monitoring and baiting rodents, vegetation mowing, spraying, clearing, burning, thinning, and trimming, and slope dragging. The reported total estimated cost for the current fiscal year is \$30,000.

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

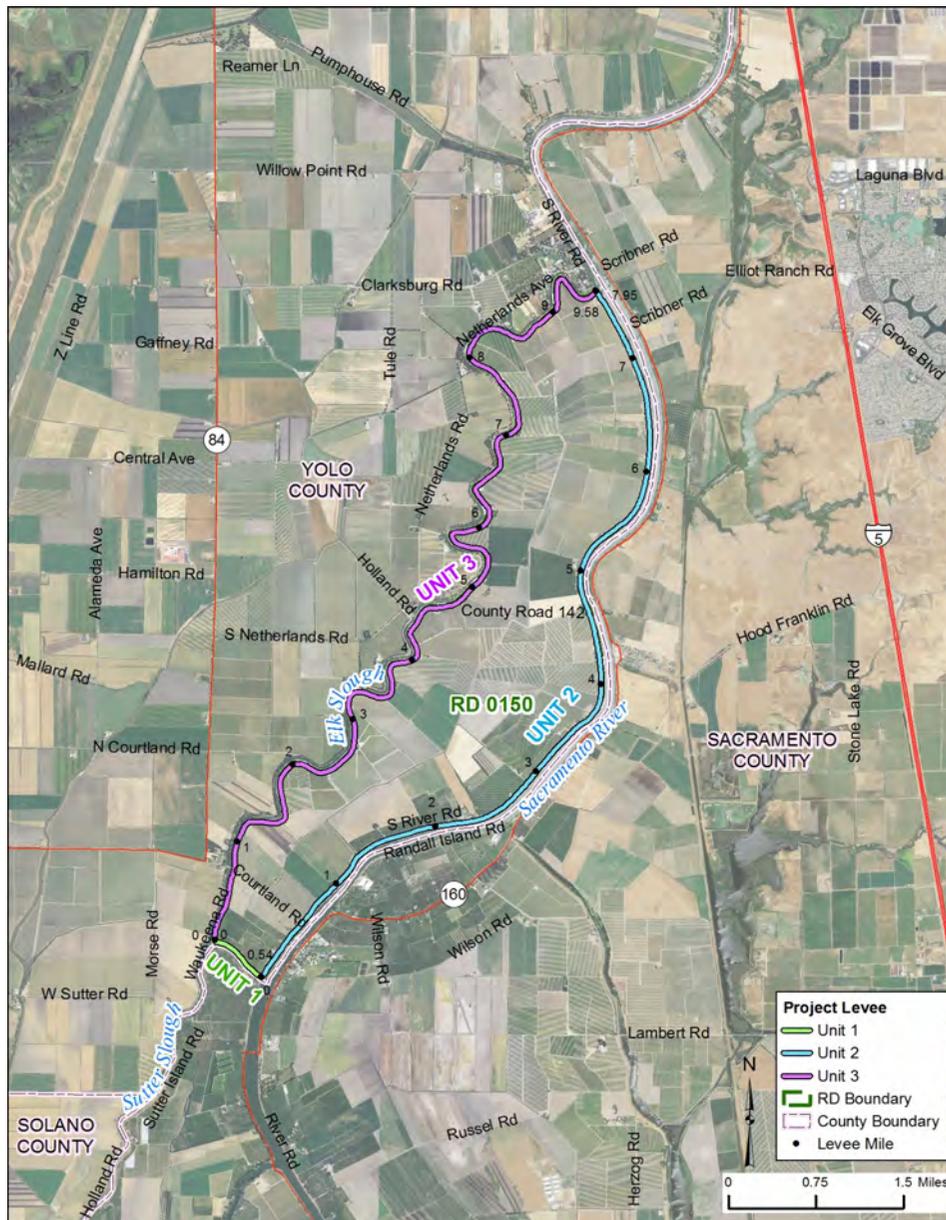
The Agency stated that there is no information to report for this part.

Reclamation District No. 0150 Merrit Island

Yolo County

Contact

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



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

DWR Levee Inspection Summary

Rated Item	Total LMA Miles		Fall 2012		Fall 2013				Change			
	Overall LMA Rating		A		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	0.21		0.21	1.16	0.02		0.02	0.11	-0.19		-0.19	-1.05
Trim / Thin Trees	0.46		0.46	2.55	0.05		0.05	0.28	-0.41		-0.41	-2.27
Encroachments	0.15		0.15	0.83	0.16		0.16	0.89	0.01		0.01	0.06
Animal Control	0.02		0.02	0.11	0.04		0.04	0.22	0.02		0.02	0.11
Slope Stability	0.08		0.08	0.44	0.07		0.07	0.39	-0.01		-0.01	-0.06
Erosion / Bank Caving	0.06		0.06	0.33	0.08	0.01	0.12	0.66	0.02	0.01	0.06	0.33
Crown Surface / Depressions / Rutting	0.04		0.04	0.22	0.04		0.04	0.22				0.00
<i>Supplemental</i>												
USACE Erosion Survey	0.01		0.01	0.06	0.01		0.01	0.06				0.00
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	1.03	0.00	1.03	5.70	0.47	0.01	0.51	2.82*	-0.56	0.01	-0.52	-2.88

* 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 150

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

Unit No. 02 Sacramento River, RB

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

Unit No. 03 Elk Slough, LB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
ELK_0-2_L	0.20	0.00	9.40	eroding	M

USACE Inspection Ratings Summary

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

DWR Flood System Repair Project Summary

Unit No. 02 Sacramento River

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
306-73	Serious	Erosion	2.04	2.16	Right	38.346741543	-121.549620151
306-104	Serious	Erosion	2.11	2.16	Right	38.34689993	-121.548375775
306-140	Serious	Erosion	3.38	3.38	Right	38.356263089	-121.529899175
306-107	Serious	Erosion	3.48	3.48	Right	38.357292061	-121.528661201
DWR_RD0150_02_s_2012_19	Serious	Erosion	4.58	4.65	Right	38.370927512	-121.523068994
306-135	Critical	Seepage	5.9	5.95	Right	38.387240639	-121.516283824

Unit No. 03 Elk Slough

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
DWR_RD0150_03_s_2012_80	Serious	Erosion	0.19	7.94	Left	38.33537301	-121.5828943
386-120	Serious	Erosion	0.19	0.19	Left	38.335373014	-121.582894348
386-72	Serious	Seepage	1.05	1.05	Left	38.346885654	-121.578824392
386-93	Critical	Seepage	1.58	1.58	Left	38.349948587	-121.572658727
386-54	Serious	Erosion	2.52	2.54	Left	38.355843393	-121.562288282
DWR_RD0150_03_s_2012_76	Serious	Erosion	2.93	2.93	Left	38.361375	-121.562134
386-38	Serious	Stability	3.13	3.13	Left	38.363760566	-121.561077186
386-63	Serious	Erosion	3.36	3.48	Left	38.363015676	-121.557142833
DWR_RD0150_03_s_2012_98	Serious	Erosion	3.36	3.48	Left	38.36301568	-121.5571428
386-28	Serious	Erosion	3.64	3.64	Left	38.366161556	-121.555714834
386-40	Serious	Erosion	3.9	3.93	Left	38.367681698	-121.552247106
386-65	Serious	Erosion	4.42	4.48	Left	38.374022214	-121.550096603
386-29	Serious	Erosion	4.58	4.58	Left	38.374370431	-121.547270755
386-30	Serious	Erosion	4.95	4.95	Left	38.377288499	-121.541954919
386-32	Critical	Erosion	6.51	6.51	Left	38.391091848	-121.539083318
DWR_RD0150_03_s_2012_946	Serious	Erosion	8.05	7.98	Left	38.409275	-121.53915
386-34	Critical	Erosion	8.38	8.38	Left	38.40836391	-121.536258144
DWR_RD0150_03_s_2012_66	Serious	Erosion	8.44	8.49	Left	38.408010	-121.535322
DWR_RD0150_03_s_2012_67	Serious	Erosion	8.48	8.48	Left	38.407958	-121.534583
DWR_RD0150_03_s_2012_6	Serious	Erosion	8.69	8.69	Left	38.409849	-121.531729

RD 150

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 2013 Levee Inspection Report provided unacceptable ratings for vegetation at various locations at Levee Unit 2 and 3.

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

The Agency referred to the DWR Spring and Fall inspection reports for the latest information. The Spring 2013 Levee Inspection Report provided unacceptable ratings for vegetation at various locations at Levee Unit 2 and 3.

RD 150

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

The Agency provided a summary of maintenance activities accomplished for all levee units. Activities include gate maintenance and access control, inspections, rodent control, tree trimming, and vegetation spraying and mowing. The Agency also reported action taken on inspection items listed by DWR in the inspection report. The action taken include corrected and pending for crown depressions, encroachment, erosion, slope stability, 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 maintenance and access control, inspection, 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 \$152,000.

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 is no new information to report on levee condition or performance.

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Reclamation District No. 0307 Lisbon

Yolo County

Contact

Pete Dwyer
Manager
PO Box 518
Clarksburg CA 95612
Phone: (916) 371-2351

RD 307



LMA 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.

DWR Levee Inspection Summary

Rated Item	Total LMA Miles		6.65									
	Fall 2012				Fall 2013				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	0.51		0.51	7.67	0.43		0.43	6.47	-0.08		-0.08	-1.20
Trim / Thin Trees	0.07		0.07	1.05					-0.07		-0.07	-1.05
Encroachments	0.09		0.09	1.35	0.02		0.02	0.30	-0.07		-0.07	-1.05
Animal Control	1.99		1.99	29.93	1.99		1.99	29.93				0.00
Erosion / Bank Caving		0.02	0.08	1.20	0.01	0.02	0.09	1.35	0.01		0.01	0.15
Emergency Supplies & Equipment					0.07		0.07	1.05	0.07		0.07	1.05
Flood Preparedness & Training					0.07		0.07	1.05	0.07		0.07	1.05
<i>Supplemental</i>												
USACE Erosion Survey	0.44		0.44	6.62	0.44		0.44	6.62				0.00
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	3.10	0.02	3.18	47.82	3.02	0.02	3.10	46.62	-0.08	0.00	-0.07	-1.20

RD 307

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

Unit No. 01 Sacramento River, RB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
SAC_48-6_R	48.60	1.20	1.31	eroding new	M
SAC_43-2_R	43.20	6.19	6.39	eroding	M
SAC_43-1_R	43.10	6.43	6.56	eroding	M

USACE Inspection Ratings Summary

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

DWR Flood System Repair Project Summary

Unit No. 01 Sacramento River

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
DWR_RD0307_01_s_2012_6	Serious	Stability	6.16	6.42	Right	38.4345600079	-121.531158986
DWR_RD0307_01_s_2012_7	Serious	Stability	6.38	6.49	Right	38.4317263508	-121.533199658

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 2013 Levee Inspection Report. The Spring 2013 Levee Inspection Report provided unacceptable ratings for erosion at Levee Unit 1, LM 2.43 to 2.45; encroachments at LM 4.36, 4.43 to 4.44, and 4.64 to 4.68; and vegetation at LM 5.38 to 5.45.

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 2013 Levee Inspection Report. The Spring 2013 Levee Inspection Report provided unacceptable ratings for erosion at Levee Unit 1, LM 2.43 to 2.45; encroachments at LM 4.36, 4.43 to 4.44, and 4.64 to 4.68; and vegetation at LM 5.38 to 5.45.

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

The Agency reported ongoing vegetation control program is in place to comply with current vegetation standard. The Agency also provided action taken on inspection items listed by DWR in the inspection report. The action taken includes active ongoing program in place for multiple items.

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 estimated routine maintenance budget for current fiscal year based on the prior year's expenditure. The reported total estimated cost for the fiscal year is \$44,000.

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

The Agency stated that there is no new information to report for this part.

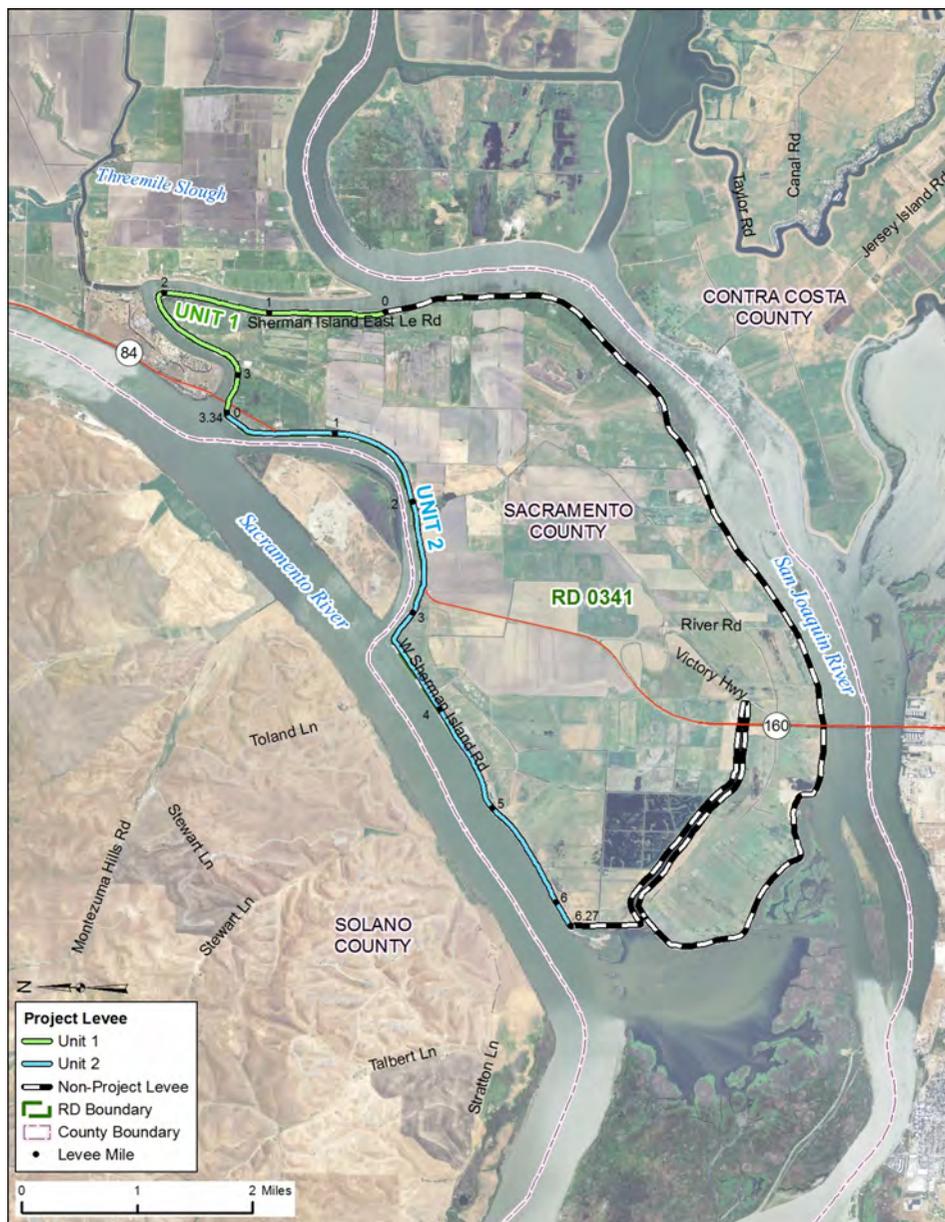
Reclamation District No. 0341 Sherman Island

RD 341

Sacramento County

Contact

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



LMA 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.

DWR Levee Inspection Summary

RD0341	Total LMA Miles		9.62									
	Fall 2012				Fall 2013				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	1.87		1.87	19.44	4.99		4.99	51.87	3.12		3.12	32.43
<i>Supplemental</i>												
USACE Erosion Survey	0.04	0.29	1.20	12.47	0.04	0.29	1.20	12.47				0.00
<i>LMA Totals:</i>	1.91	0.29	3.07	31.91	5.03	0.29	6.19	64.35	3.12	0.00	3.12	32.43

RD 341

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

Unit No. 02 Sacramento River, LB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
SAC_8-2_L	8.20	4.15	4.19	eroding	M
SAC_8-0_L	8.00	4.52	4.60	critical	U
SAC_7-9_L	7.90	4.73	4.81	critical	U
SAC_7-3_L	7.30	5.96	6.09	critical	U

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 0341 - Sherman Island	9.63	Inactive	06/13/2013	U

DWR Flood System Repair Project Summary

Unit No. 02 Sacramento River

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
DWR_RD0341_02_s_2012_5	Serious	Erosion	4.12	4.16	Left	38.095439	-121.706130
DWR_RD0341_02_s_2012_7	Serious	Erosion	4.43	4.58	Left	38.090810	-121.706195
DWR_RD0341_02_s_2012_8	Serious	Erosion	4.72	4.76	Left	38.086641	-121.707545
DWR_RD0341_02_s_2012_9	Serious	Erosion	5.97	6.09	Left	38.080169	-121.728534

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 2013 Levee Inspection Report provided unacceptable ratings for erosion at Levee Unit 2, LM 4.52 to 4.60, 4.73 to 4.81, and 5.96 to 6.09. The Agency also stated that repairs are being done under project funding Agreement No SH 10-1.0 for levee crown and funding Agreement No SH 09-1.0 for cracks.

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 levee is in need of seepage repair at Levee Unit 2 between Stations 870+00 to 940+00, freeboard deficiencies at Levee Unit 2 between Stations 330+00 to 700+00, in need of riprap repair for slope protection at Levee Unit 2 between Stations 700+00 to 850+00, and cracks repair at Levee Unit 2 between Stations 520+00 to 545+00. The Agency mentioned that funding for seepage and freeboard deficiencies projects has become available and the Agency has applied for the funding of riprap repair. The Agency also stated that repairs are being done under project funding agreement SH 10-1.0 for freeboard deficiencies and funding agreement SH 09-1.0 for cracks repair.

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 include 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, engineering services and program administration, encroachment control, erosion repair, flood emergency planning, habitat assessment, levee profiles and cross-sections, rodent control, routine levee inspection, vegetation control, and waterside slope protection repair. The reported total estimated cost for the current fiscal year is \$920,000.

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 is no new information to report for this part.

Reclamation District No. 0349 Sutter Island

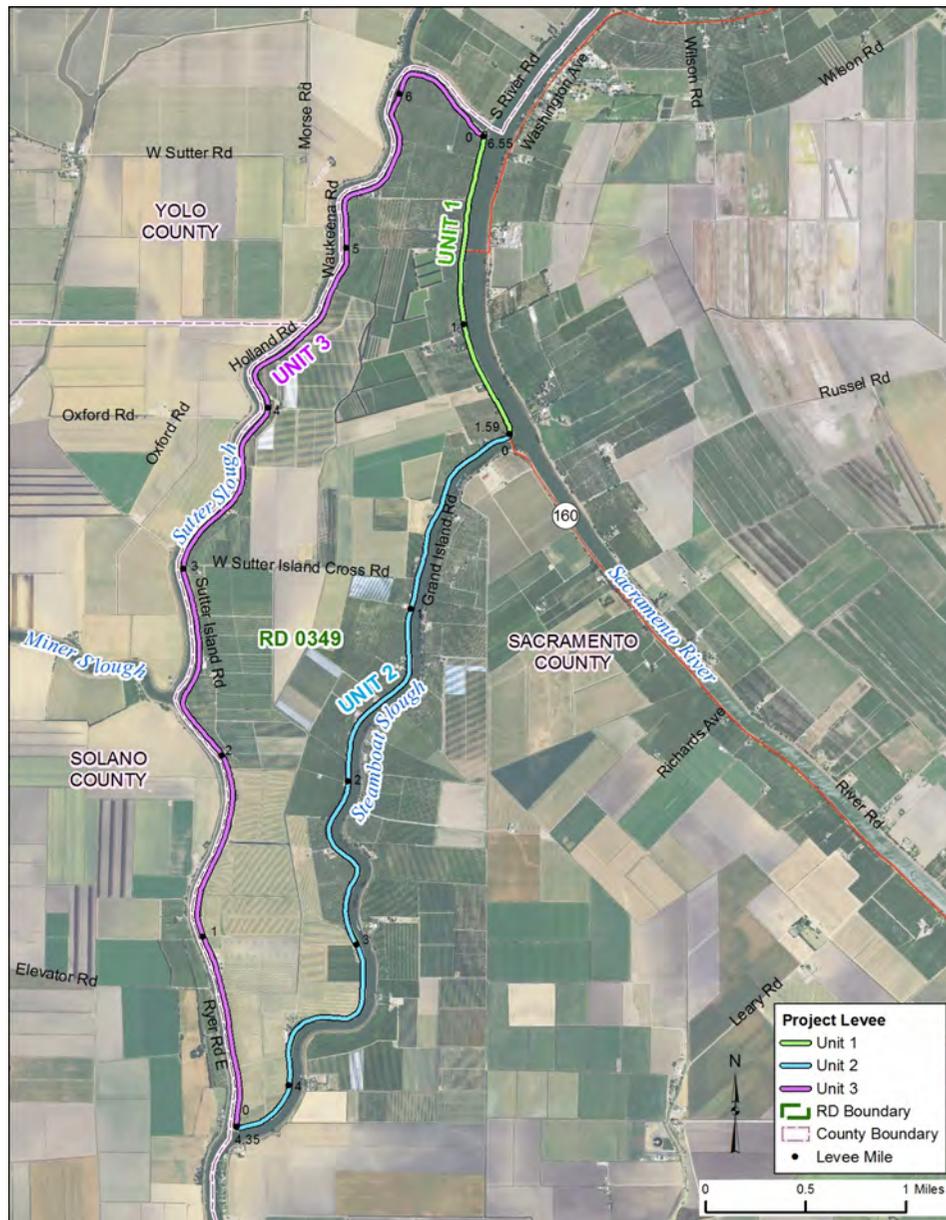
RD 349

Sutter County

Contact

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

RD 349



LMA 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.

DWR Levee Inspection Summary

RD0349	Total LMA Miles		12.49									
	Fall 2012				Fall 2013				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	5.89	0.13	6.41	51.32	11.33	4.97	31.21	249.88	5.44	4.84	24.80	198.56
Trim / Thin Trees	0.26		0.26	2.08	0.58	0.02	0.66	5.28	0.32	0.02	0.40	3.20
Encroachments	0.11	0.01	0.15	1.20	0.08	0.01	0.12	0.96	-0.03		-0.03	-0.24
Crown Surface / Depressions / Rutting	1.81	1.01	5.85	46.84	2.82		2.82	22.58	1.01	-1.01	-3.03	-24.26
Operations & Maintenance Manuals	0.12		0.12	0.96	0.12		0.12	0.96				0.00
Emergency Supplies & Equipment	0.12		0.12	0.96	0.12		0.12	0.96				0.00
Flood Preparedness & Training	0.12		0.12	0.96	0.12		0.12	0.96				0.00
<i>Supplemental</i>												
USACE Erosion Survey	0.59	0.18	1.31	10.49	0.59	0.18	1.31	10.49	0.00			0.00
<i>LMA Totals:</i>	9.03	1.33	14.35	114.89	15.77	5.18	36.49	292.15	6.74	3.85	22.14	177.26

RD 349

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

Unit No. 02 Steamboat Slough, RB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
STM_25-8_R	25.80	0.34	0.39	eroding	M
STM_25-5_R	25.50	0.60	0.71	eroding	M
STM_24-7_R	24.70	1.33	1.51	critical	U
STM_24-1_R	24.10	2.04	2.05	eroding	M
STM_23-9_R	23.90	2.11	2.15	eroding	M
STM_23-6_R	23.60	2.56	2.70	eroding	M
STM_22-8_R	22.80	3.37	3.49	eroding	M

Unit No. 03 Sutter Slough, RB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
STR_26-5_L	26.50	4.59	4.71	eroding	M

USACE Inspection Ratings Summary

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

DWR Flood System Repair Project Summary

Unit No. 02 Steamboat Slough

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
DWR_RD0349_02_s_2012_26	Serious	Erosion	0.18	0.29	Right	38.3023575674	-121.579707345
DWR_RD0349_02_s_2012_28	Critical	Erosion	1.32	1.33	Right	38.2864748199	-121.585026067
307-14	Critical	Erosion	1.4	1.49	Right	38.286775937	-121.585010026
DWR_RD0349_02_s_2012_29	Serious	Erosion	2.00	2.05	Right	38.2790165403	-121.589614557
307-16	Serious	Stability	2.12	2.18	Right	38.278404192	-121.590232583
DWR_RD0349_02_s_2012_32	Serious	Erosion	2.46	2.66	Right	38.2738541261	-121.588744916

Unit No. 03 Sutter Slough

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
388-27	Serious	Seepage	0.04	0.04	Left	38.255326189	-121.60003544
388-28	Serious	Seepage	3.01	3.01	Left	38.295624581	-121.604711624
388-2018	Serious	Seepage	3.05	3.05	Left	38.296191839	-121.604617398

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 locations and descriptions of a number of erosion sites at all levee units. The reported issue for Levee Unit 1 includes 300 feet of bank erosion at LM 0.94 (RM 33.3, Sacramento River). For Levee Unit 2, the reported erosion issues along Steamboat Slough include 580 feet of toe erosion due to wave wash at LM 0.79 (RM 25.5), 949 feet of long standing bank erosion at LM 1.57 (RM 24.7), 168 feet of erosion on waterside slope at LM 2.44 (RM 23.9), 768 feet of toe erosion due to wave wash at LM 2.68 (RM 23.6), and 643 feet of toe erosion at LM 3.44 (RM 22.8).

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 that a long standing bank erosion problem exists at Levee Unit 2, LM 1.57 (RM 24.7, Steamboat Slough).

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 during the previous fiscal year. Activities include vegetation control by brushing, 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 vegetation control by brushing, grazing, mowing, and trimming. The reported total estimated cost for the current fiscal year is \$52,400.

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 on USACE erosion survey completed in June at all levee units. Reported erosion survey sites were one for Levee Unit 1, eight for Unit 2, and one for Levee Unit 3.

Reclamation District No. 0369

Libby McNeil

RD 369

Sacramento County

Contact

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



LMA Short Name : RD0369		Bank	Unit Length (Miles)
Unit No. 01	Steamboat Slough	LB	0.80

Threat Assessment & Recommendations

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

DWR Levee Inspection Summary

Rated Item	Total LMA Miles		0.80		Fall 2012				Fall 2013				Change			
	Overall LMA Rating				U				Overall LMA Rating				A			
	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	83.75	0.03		0.03	3.75	-0.64		-0.64	-80.00				
Trim / Thin Trees	0.01		0.01	1.25					-0.01		-0.01	-1.25				
Operations & Maintenance Manuals	0.01		0.01	1.25	0.01		0.01	1.25				0.00				
Emergency Supplies & Equipment	0.01		0.01	1.25	0.01		0.01	1.25				0.00				
Flood Preparedness & Training	0.01		0.01	1.25	0.01		0.01	1.25				0.00				
<i>LMA Totals:</i>	0.70	0.00	0.70	87.50	0.05	0.00	0.05	6.25	-0.65	0.00	-0.65	-81.25				

RD 369

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE 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	U

DWR Flood System Repair Project Summary

No POI Repair Sites.

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 there is no new relevant information on the condition or performance of the Project 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 stated that no known information was available that might impair or compromise the level of flood protection provided by the Project levee.

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 on Levee Unit 1. Activities include vegetation spraying and goat grazing

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

The Agency provided a summary of expenses and maintenance activity for Levee Unit 1. Expenses include costs of vegetation control. The reported total estimated cost for the fiscal year is \$7,500.

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 is no information to report.

Reclamation District No. 0501

Ryer Island

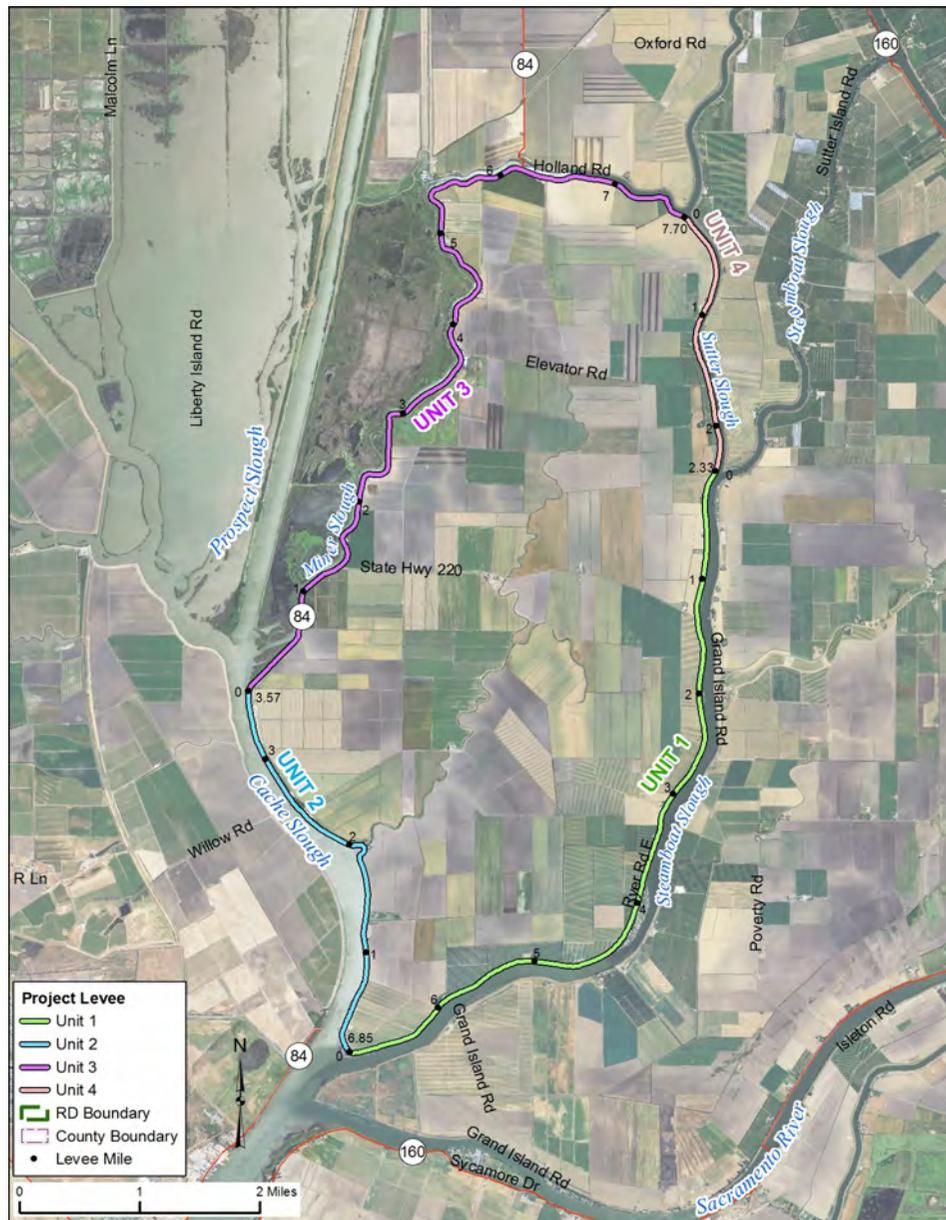
RD 501

Solano County

Contact

Neil Hamilton
President
District Office
3554 State Highway 84
Walnut Grove CA 95690
Phone: (916) 775-1411

RD 501



LMA 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.

DWR Levee Inspection Summary

Rated Item	Total LMA Miles		20.48									
	Fall 2012				Fall 2013				Change			
	Overall LMA Rating				Overall LMA Rating							
	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	20.95	1.08	25.27	123.39	28.15	2.97	40.03	195.46	7.20	1.89	14.76	72.07
Trim / Thin Trees	1.62	0.07	1.90	9.28	2.19	0.14	2.75	13.43	0.57	0.07	0.85	4.15
Encroachments	0.02	0.02	0.10	0.49	0.02		0.02	0.10		-0.02	-0.08	-0.39
Animal Control	0.53		0.53	2.59	0.53		0.53	2.59				0.00
Slope Stability	0.01		0.01	0.05	0.01		0.01	0.05				0.00
Erosion / Bank Caving	0.07	0.01	0.11	0.54	0.07		0.07	0.34		-0.01	-0.04	-0.20
Operations & Maintenance Manuals	0.20		0.20	0.98	0.20		0.20	0.98				0.00
<i>Supplemental</i>												
USACE Erosion Survey	0.23		0.23	1.12	0.23		0.23	1.12				0.00
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	23.63	1.18	28.35	138.43	31.40	3.11	43.84	214.06	7.77	1.93	15.49	75.63

RD 501

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

Unit No. 01 Steamboat Slough, RB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
STM_18-9_R	18.90	2.85	2.93	eroding	M
STM_18-8_R	18.80	3.02	3.09	eroding	M
STM_15-7_R	15.70	5.75	5.82	eroding	M

Unit No. 02 Cache Slough, LB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
CHS_15-9_L	15.90	1.12	1.13	eroding	M

USACE Inspection Ratings Summary

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

DWR Flood System Repair Project Summary

Unit No. 01 Steamboat Slough

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
122-2019	Serious	Seepage	1.64	1.66	Right	38.231283	-121.603595
122-139	Serious	Seepage	1.66		Right	38.230840	-121.603671
122-56	Serious	Erosion	1.86	2.01	Right	38.225977116	-121.603972017
DWR_RD0501_01_s_2012_26	Serious	Erosion	2.04	2.10	Right	38.2255	-121.603886666667
DWR_RD0501_01_s_2012_44	Serious	Erosion	5.73	5.75	Right	38.1900009477	-121.643159723

Unit No. 02 Cache Slough

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
308-31	Serious	Erosion	1.34	1.42	Left	38.202433607	-121.654988412

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 2013 Levee Inspection Report. The Spring 2013 Levee Inspection Report provided unacceptable ratings for vegetation at Levee Unit 1 and 4 at various locations and for encroachment at Levee Unit 3 at LM 7.35.

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 2013 Levee Inspection Report. The Spring 2013 Levee Inspection Report provided unacceptable ratings for vegetation at Levee Unit 1 and 4 at various locations and for encroachment at Levee Unit 3 at LM 7.35.

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

The Agency provided action taken on inspection items listed by DWR in the inspection report. The action taken includes active ongoing program in place for encroachments, erosion, tree trimming and thinning, and vegetation.

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 budget for the routine maintenance based on prior year's expenditure. The reported total estimated budget for the fiscal year is \$130,000.

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 is no new additional information that is relevant to the condition or performance of the Project levee.

Reclamation District No. 0536 Egbert

Solano County

Contact

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

RD 536

RD 536



LMA Short Name : RD0536		Bank	Unit Length (Miles)
Unit No. 01	Lindsey Slough	RB	5.66
Unit No. 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

Rated Item	Total LMA Miles		Fall 2012		Fall 2013				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	14.27	12.97	66.15	622.30	14.39	2.77	25.47	239.60	0.12	-10.20	-40.68	-382.69
Trim / Thin Trees	0.01		0.01	0.09	0.02		0.02	0.19	0.01		0.01	0.09
Encroachments	0.06		0.06	0.56	0.05		0.05	0.47	-0.01		-0.01	-0.09
Erosion / Bank Caving	0.01	0.01	0.05	0.47	0.01		0.01	0.09		-0.01	-0.04	-0.38
Cracking	0.62		0.62	5.83	0.62		0.62	5.83	0.00			0.00
Crown Surface / Depressions / Rutting	6.61	2.66	17.25	162.28	6.11		6.11	57.48	-0.50	-2.66	-11.14	-104.80
Repair Gates		0.01	0.04	0.38	0.01	0.01	0.05	0.47	0.01		0.01	0.09
Operations & Maintenance Manuals	0.11		0.11	1.04	0.11		0.11	1.04				0.00
Emergency Supplies & Equipment	0.11		0.11	1.04	0.11		0.11	1.04				0.00
Flood Preparedness & Training	0.11		0.11	1.04	0.11		0.11	1.04				0.00
<i>Supplemental</i>												
USACE Erosion Survey	0.38		0.38	3.58	0.38		0.38	3.58				0.00
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	22.28	15.65	84.88	798.49	21.91	2.78	33.03	310.72	-0.37	-12.87	-51.85	-487.77

RD 536

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

Unit No. 01 Lindsey Slough, RB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
LDS_0-6_R	0.00	0.67	0.98	eroding	M
LDS_0-8_R	0.80	4.94	4.96	eroding	M
LDS_0-7_R	0.70	4.99	5.04	eroding	M

USACE Inspection Ratings Summary

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

DWR Flood System Repair Project Summary

Unit No. 01 Lindsey Slough

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
DWR_RD0536_01_s_2012_4	Serious	Stability	0.52	0.88	Right	38.2496152229	-121.760164917
DWR_RD0536_01_s_2012_15	Serious	Stability	0.52	0.88	Right	38.2496152229	-121.760164917
123-11	Serious	Seepage	3.3	3.35	Right	38.256688342	-121.726990305
DWR_RD0536_01_s_2012_16	Serious	Erosion	4.83	4.86	Right	38.2455807107	-121.708604856
DWR_RD0536_01_s_2012_25	Serious	Erosion	4.90	5.03	Right	38.2459810602	-121.707609082
123-14	Serious	Other	4.96	5.01	Right	38.245710191	-121.707949047
123-2017	Serious	Other	5	5	Right	38.245988742	-121.707304494

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 there is no new relevant information on the condition or performance of the Project 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 that there is no new relevant information on impairments or compromising conditions..

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

The Agency provided a summary of maintenance activities accomplished for all levee units. Activities include levee inspection throughout the year and vegetation control.

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

The Agency provided a summary of expenses and maintenance activities for all levee units. Expenses include costs of inspection and vegetation control. The reported total estimated cost for the fiscal year is \$17,500.

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 there is no new additional information that is relevant to the condition or performance of the Project levee.

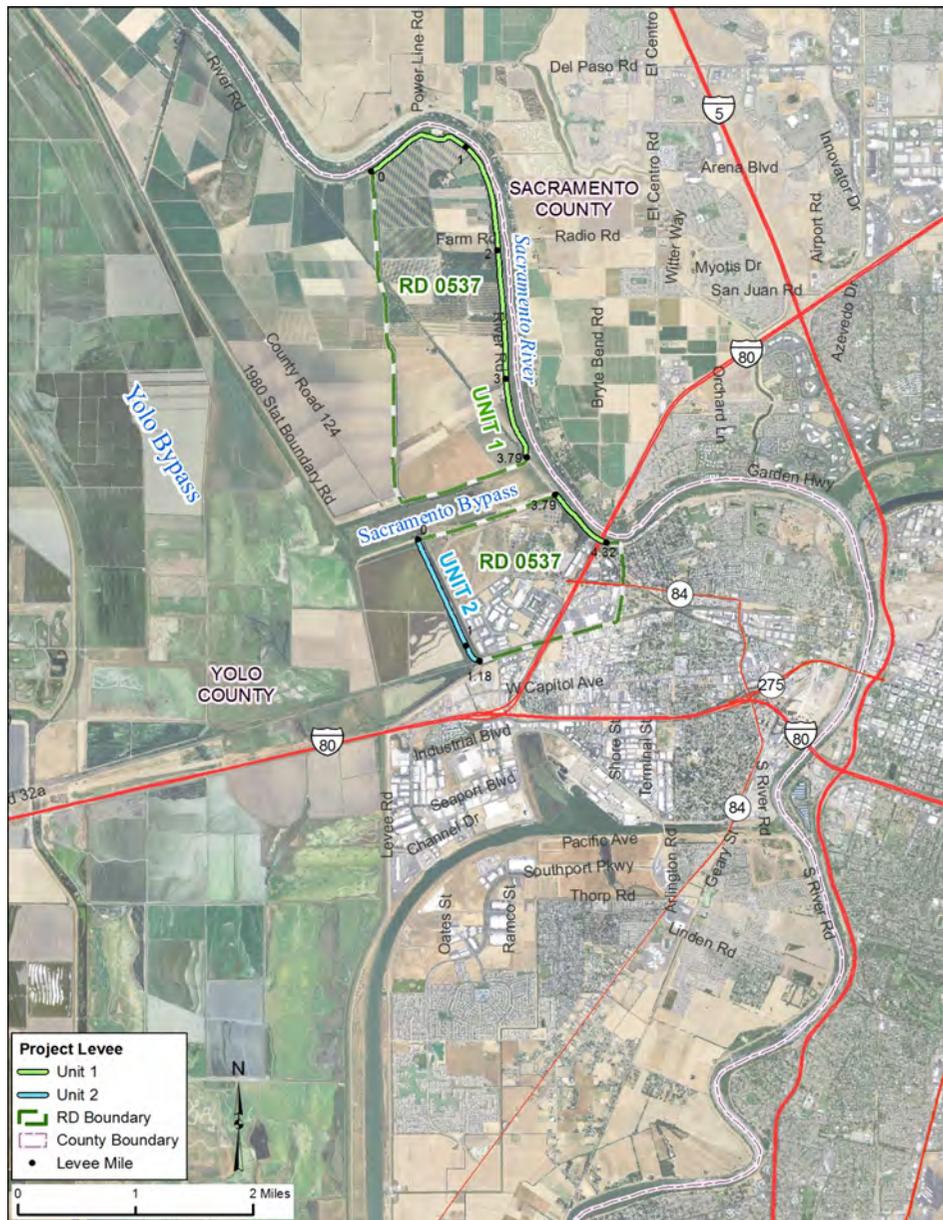
Reclamation District No. 0537 Lovdal

Yolo County

RD 537

Contact

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



LMA 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 focus more on controlling vegetation to maintain visibility and access.
- The LMA should enhance its rodent control program.
- The LMA should focus on repairing erosion sites.

DWR Levee Inspection Summary

Rated Item	Total LMA Miles		5.95		Fall 2012				Fall 2013				Change			
	Overall LMA Rating				M *				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					1.15		1.15	19.33	1.15		1.15	19.33				
Trim / Thin Trees	0.01		0.01	0.17					-0.01		-0.01	-0.17				
Animal Control	0.02	0.01	0.06	1.01	0.01	0.01	0.05	0.84	-0.01		-0.01	-0.17				
Slope Stability	0.01		0.01	0.17	0.01		0.01	0.17				0.00				
Erosion / Bank Caving	0.04		0.04	0.67	0.01		0.01	0.17	-0.03		-0.03	-0.50				
<i>Supplemental</i>																
USACE Erosion Survey	0.07		0.07	1.18	0.07		0.07	1.18				0.00				
DWR UCIP Field Study												0.00				
<i>LMA Totals:</i>	0.15	0.01	0.19	3.19*	1.25	0.01	1.29	21.68	1.10	0.00	1.10	18.49				

* 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

No Structures Inspected in this District.

RD 537

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

Unit No. 01 Sacramento River, RB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
SAC_63-0_R	63.00	4.22	4.25	eroding	M
SAC_62-9_R	62.90	4.28	4.32	eroding	M

USACE 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	N/A	N/A

DWR Flood System Repair Project Summary

No POI Repair Sites.

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 waterside erosion caused by 2 large tree on Levee Unit 1 at north side of monument bend. The Agency also mentioned a levee section along Unit 2, north of Sacramento Weir is structurally unsound and reported it is collapsing 5 to 10 inches at different places. The Agency also reported a boil 30 feet east of North Pump Station that starts flowing when Sacramento Weir is flowing.

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 on Levee Unit 1 at monument bend of old river. The Agency also reported a boil 30 feet east of North Pump Station that starts flowing when Sacramento Weir is flowing.

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

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

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

The Agency provided a summary of expenses and maintenance activities for all levee units. Expenses include costs of management, payroll salary, payroll tax, legal, equipment, levee maintenance, ditch maintenance, insurance, direct fees, professional fees-engineering, office expense, administration, utilities, and fuel. The reported total estimated cost for the fiscal year is \$277,745.

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 provided by the Agency for Part 5.

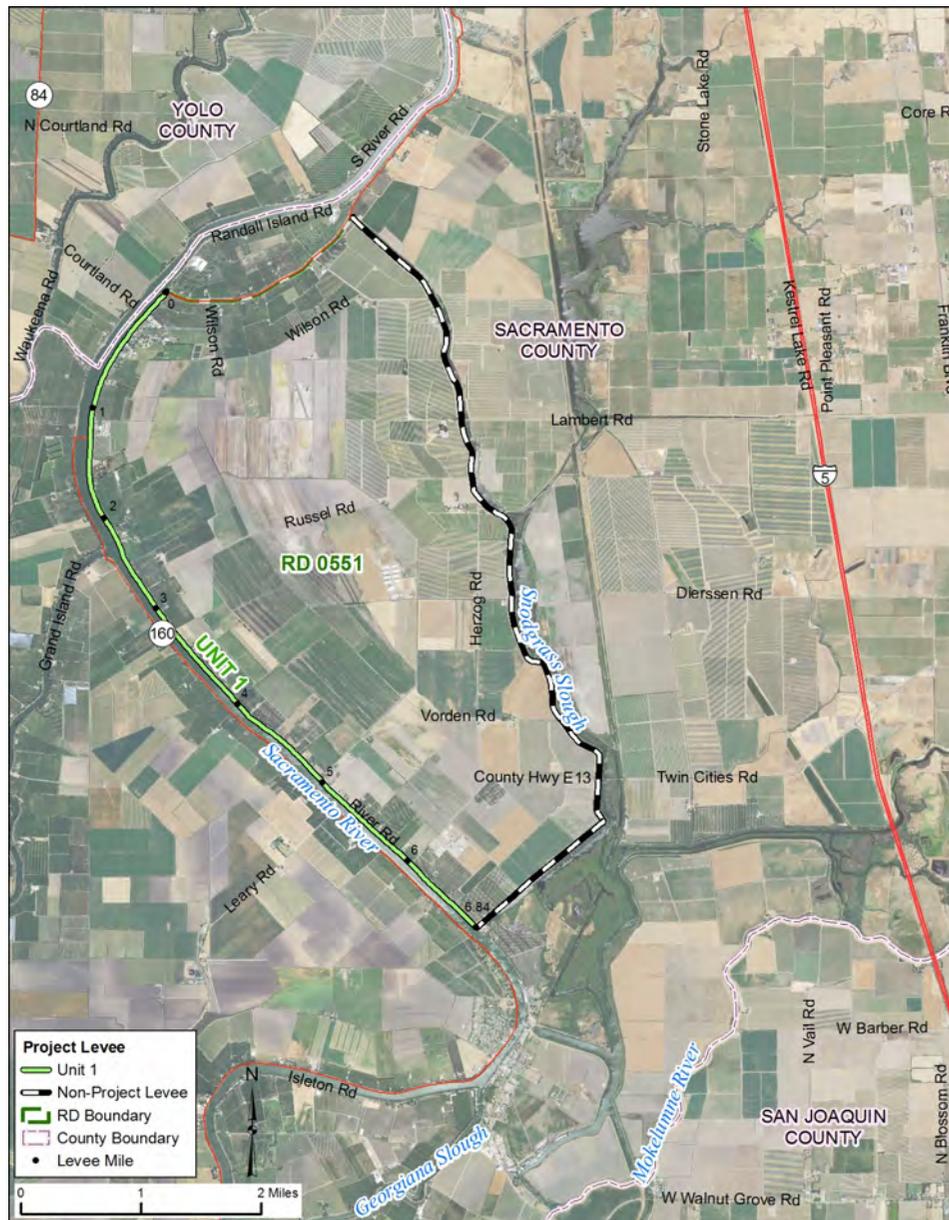
Reclamation District No. 0551 Pearson

Sacramento County

RD 551

Contact

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



RD 551

LMA Short Name : RD0551	Bank	Unit Length (Miles)
Unit No. 01 Sacramento River	LB	6.84

Threat Assessment & Recommendations

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

DWR Levee Inspection Summary

Rated Item	Total LMA Miles		6.84		Fall 2012				Fall 2013				Change			
	Overall LMA Rating				M *				Overall LMA Rating				A			
	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	0.29	0.02		0.02	0.29				
Animal Control	0.02		0.02	0.29					-0.02		-0.02	-0.29				
Erosion / Bank Caving		0.01	0.04	0.58					-0.01	-0.04	-0.58					
<i>Supplemental</i>																
DWR UCIP Field Study												0.00				
<i>LMA Totals:</i>	0.02	0.01	0.06	0.88*	0.02	0.00	0.02	0.29	0.00	-0.01	-0.04	-0.59				

* 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

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

RD 551

USACE 2012 Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE 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	U

DWR Flood System Repair Project Summary

No POI Repair Sites.

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 there is no new relevant information on the condition or performance of the Project 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 that there is no new relevant information on impairments or compromising conditions.

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

The Agency provided a summary of maintenance activities performed for all levee units. Activities include encroachment control, 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. Expenses include costs of encroachment control, inspection, 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 \$167,500.

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 there is no new additional information that is relevant to the condition or performance of the Project levee.

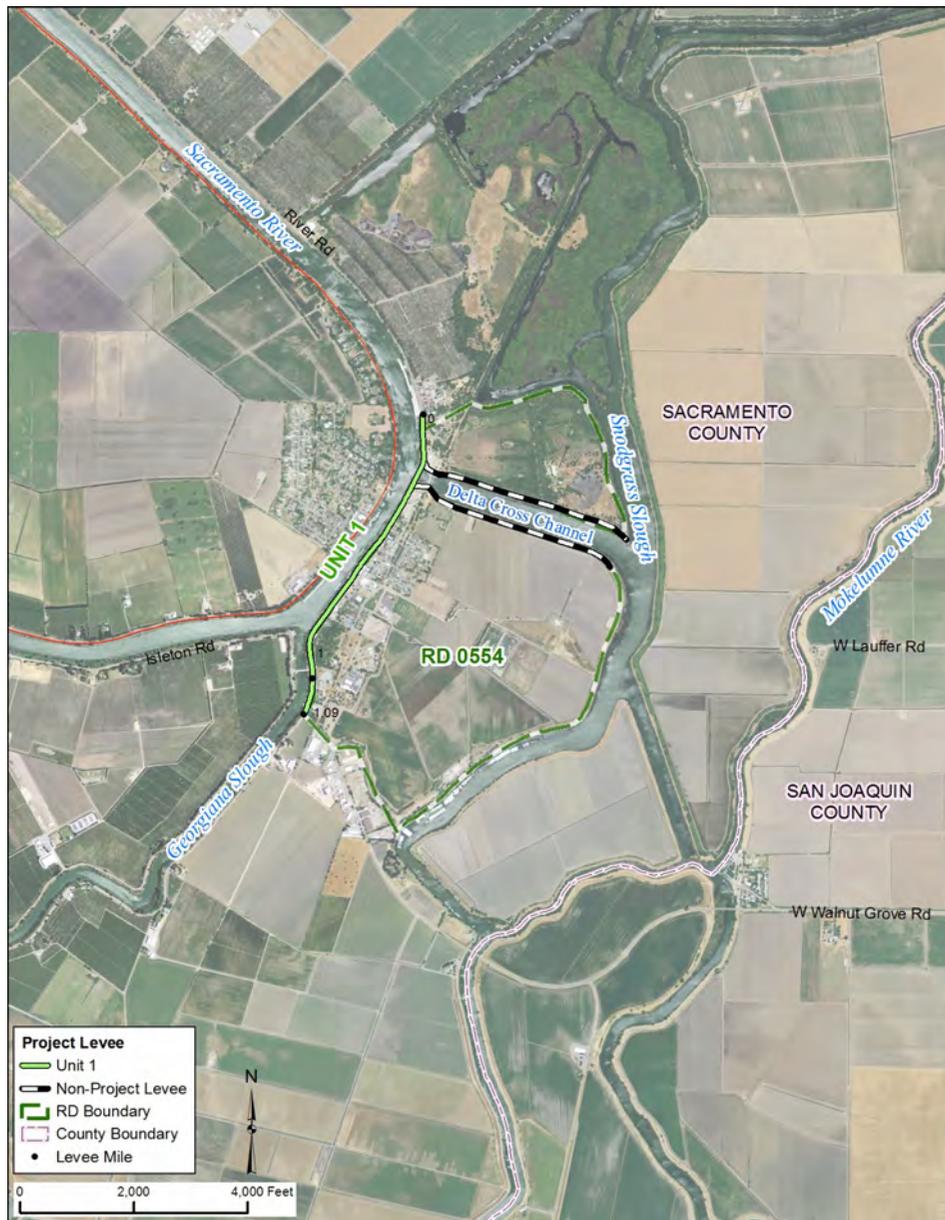
Reclamation District No. 0554 Walnut Grove

Sacramento County

RD 554

Contact

Jeff Trantum
Chairman
PO Box 984
Walnut Grove CA 95690
Phone: (916) 776-1945



LMA 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.
- There is erosion occurring in this Area that should be monitored.

DWR Levee Inspection Summary

RD0554	Total LMA Miles		1.09									
	Fall 2012				Fall 2013				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	0.05		0.05	4.59	0.20		0.20	18.35	0.15		0.15	13.76
Encroachments	0.01		0.01	0.92	0.01		0.01	0.92				0.00
Emergency Supplies & Equipment	0.01		0.01	0.92	0.01		0.01	0.92				0.00
<i>Supplemental</i>												
USACE Erosion Survey	0.09		0.09	8.26	0.09		0.09	8.26				0.00
<i>LMA Totals:</i>	0.16	0.00	0.16	14.68	0.31	0.00	0.31	28.44	0.15	0.00	0.15	13.76

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

RD 554

USACE 2012 Sacramento River Erosion Summary

Unit No. 01 Sacramento River, LB

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

USACE 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	U
RD 0563 - Tyler Island	13.00	Active	N/A	N/A

DWR Flood System Repair Project Summary

No POI Repair Sites.

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 waterside slope erosion and loss of revetment upstream of the emergency erosion repair side at Levee Unit 1, LM 0.25. The Agency also reported on a toe erosion of waterside slope at Levee Unit 1 from STA 39+50 to 46+50 (LM 0.22 to 0.35) based on a bathymetric survey.

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 toe erosion of waterside slope at Levee Unit 1 between STA 39+50 and 46+50 (LM 0.22-0.35) and suggested that it could lead to upper slope sloughing.

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

The Agency reported vegetation control activities carried out for all levee units. Additionally, the Agency reported surveying and engineering activities.

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 summary of estimated cost and maintenance activities planned for Project and non-Project levees. Expenses include costs of project development, regulatory compliance, representation at meetings and workshops, subvention program reporting and management, and rodent and vegetation control. The reported total estimated cost for the current fiscal year is \$22,701.

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 bathymetric surveys were undertaken to help evaluate the level of protection provided by the levees.

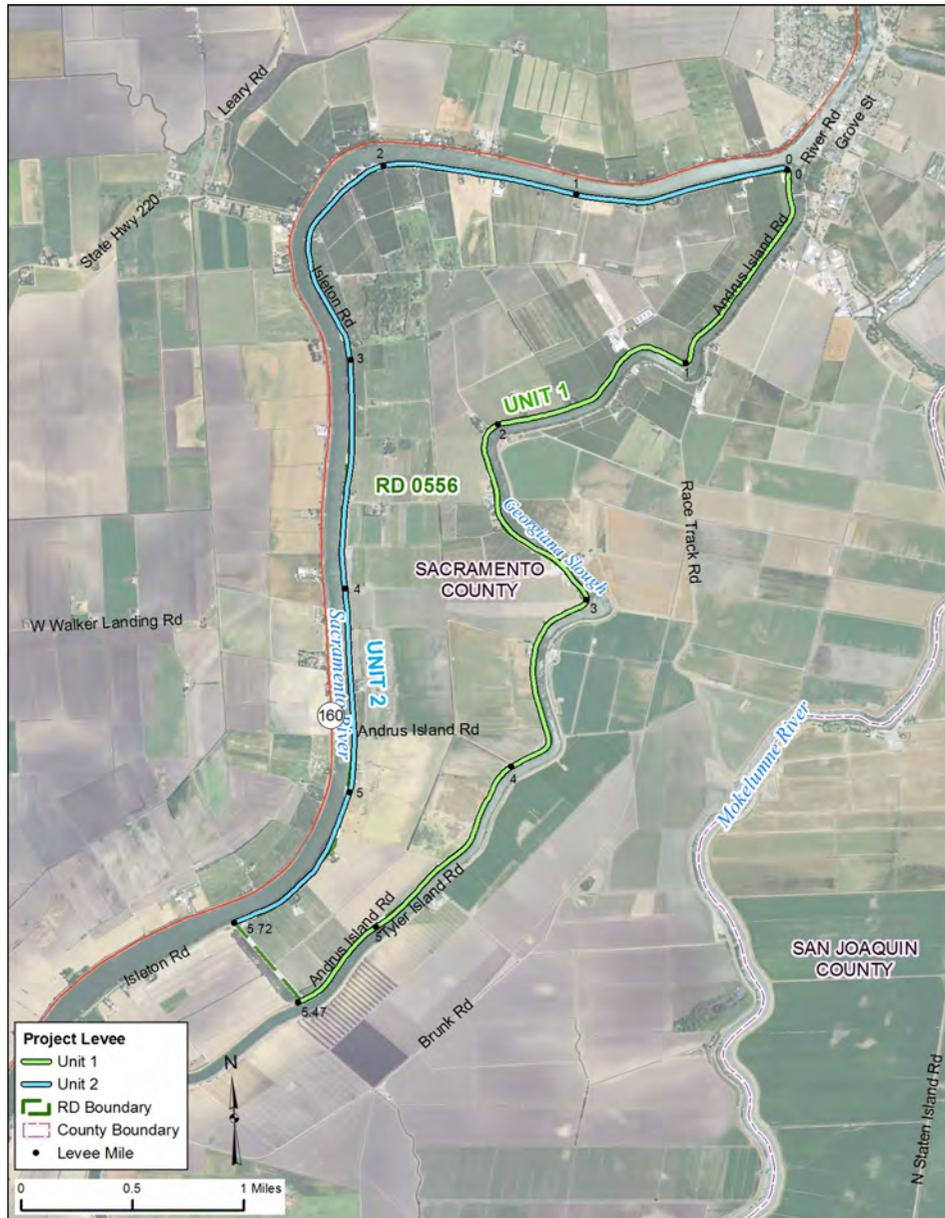
Reclamation District No. 0556 Upper Andrus

Sacramento County

RD 556

Contact

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



RD 556

LMA 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.

DWR Levee Inspection Summary

Rated Item	Total LMA Miles		11.19									
	Fall 2012				Fall 2013				Change			
	Overall LMA Rating				Overall LMA Rating							
	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	21.96	1.40	27.56	246.29	45.13	4.35	62.53	558.80	23.17	2.95	34.97	312.51
Trim / Thin Trees	4.55	0.03	4.67	41.73	6.35	0.45	8.15	72.83	1.80	0.42	3.48	31.10
Encroachments	0.01	0.09	0.37	3.31		0.03	0.12	1.07	-0.01	-0.06	-0.25	-2.23
Animal Control	3.58		3.58	31.99	3.60	0.01	3.64	32.53	0.02	0.01	0.06	0.54
Erosion / Bank Caving	0.06		0.06	0.54	0.06		0.06	0.54				0.00
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				0.00
Emergency Supplies & Equipment	0.11		0.11	0.98	0.11		0.11	0.98				0.00
Flood Preparedness & Training	0.11		0.11	0.98	0.11		0.11	0.98				0.00
<i>Supplemental</i>												
USACE Erosion Survey	1.15		1.15	10.28	1.15		1.15	10.28				0.00
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	31.95	1.52	38.03	339.86	56.63	4.84	75.99	679.09	24.68	3.32	37.96	339.23

DWR Structure Inspection Summary

No Structures Inspected in this District.

RD 556

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

Unit No. 01 Georgiana Slough, RB

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

Unit No. 02 Sacramento River, LB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
SAC_26-0_L	26.00	0.31	0.60	eroding	M
SAC_25-2_L	25.20	1.08	1.16	eroding	M
SAC_24-8_L	24.80	1.45	1.59	eroding	M
SAC_23-3_L	23.30	2.93	3.05	eroding	M
SAC_23-2_L	23.20	3.16	3.28	eroding	M
SAC_22-7_L	22.70	3.58	3.63	eroding	M
SAC_22-5_L	22.50	3.95	4.12	eroding	M
SAC_21-5_L	21.50	4.85	4.88	eroding	M

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Brannan-Andrus LMD - RD 0556	27.48	Inactive	03/26/2013	U

DWR Flood System Repair Project Summary

Unit No. 01 Georgiana Slough

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
129-25	Serious	Stability	1.8	1.8	Right	38.223929875	-121.539195861
USACE_CESPK_UPA1_2011_p_0148	Critical	Stability	3.471		Right	38.20734	-121.54177
USACE_CESPK_UPA1_2011_p_0147	Critical	Stability	3.519		Right	38.20665	-121.54181
USACE_CESPK_UPA1_2011_p_0143	Critical	Stability	3.75	3.42	Right	38.2034	-121.54099
USACE_CESPK_UPA1_2011_p_0056	Serious	Stability	4.829		Right	38.19236	-121.5537
USACE_CESPK_UPA1_2011_p_0050	Serious	Stability	4.872		Right	38.19192	-121.55427

Unit No. 02 Sacramento River

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
DWR_RD0556_02_s_2012_25	Serious	Erosion	0.31	0.60	Left	38.2387843721	-121.523931615
DWR_RD0556_02_s_2012_29	Serious	Erosion	3.21	3.25	Left	38.2241415	-121.555377
DWR_RD0556_02_R_2012_03	Critical	Seepage	3.58	3.95	Left	38.21895	-121.55630

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 levee is in need of repair at RM 26 (LM 0.66, 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 the Agency and DWR have identified some areas along the waterside at Levee Unit 2 (along Sacramento River side) that are in need of repairs.

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

The Agency provided a summary of maintenance activities accomplished for all levee units. Activities include levee mowing 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 provided a summary of expenses and maintenance activities planned for all levee units. Expenses include cost of rodent and vegetation control. The reported total estimated cost for the current fiscal year is \$9,200.

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

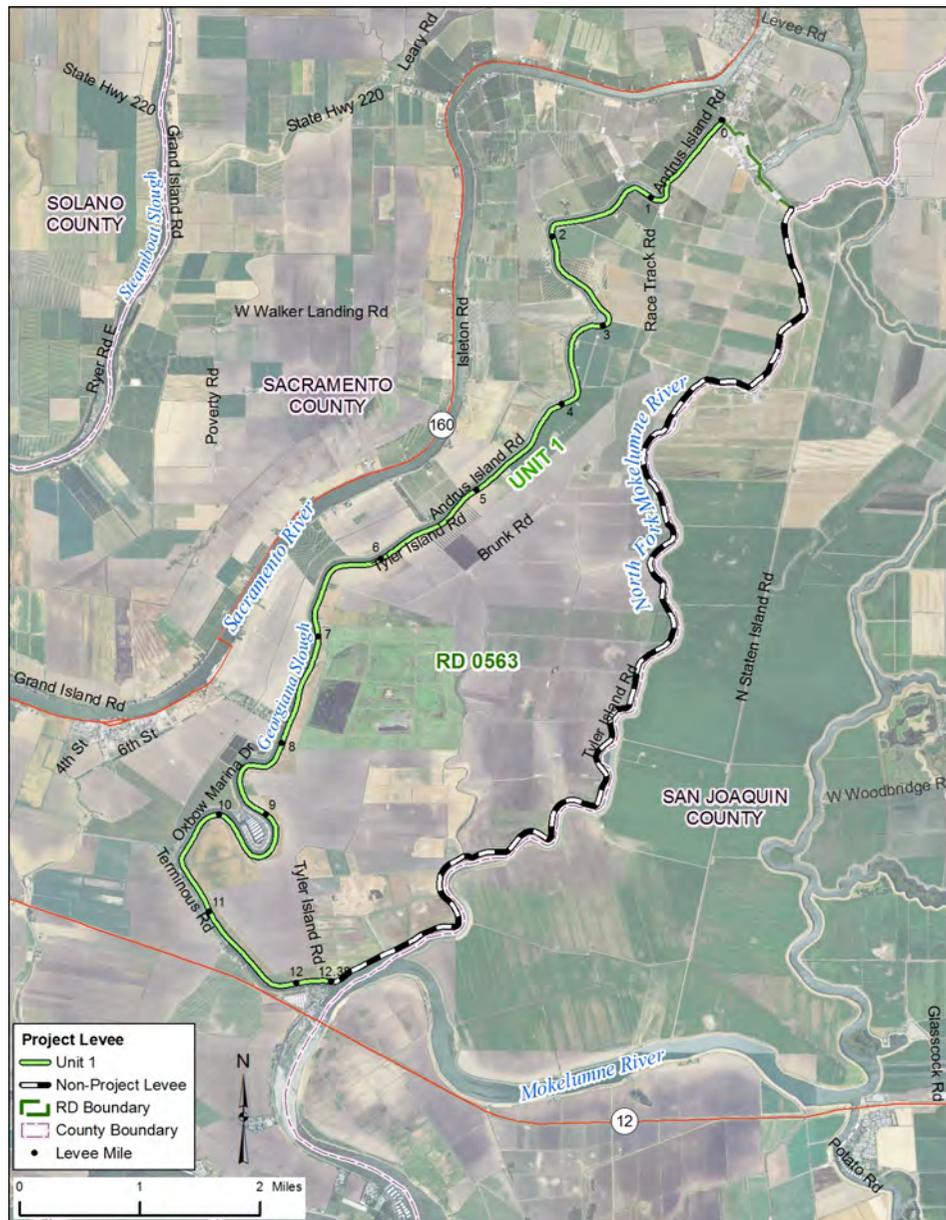
The Agency stated that the Agency and DWR have identified areas along the water side that are in need of repairs. The Agency also stated that small districts like RD556 require financial assistance for levee repairs.

Reclamation District No. 0563 Tyler Island

Sacramento County

Contact

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



LMA 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 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.

DWR Levee Inspection Summary

RD0563													
		Total LMA Miles		12.38									
		Fall 2012				Fall 2013				Change			
		Overall LMA Rating		U		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	0.61	0.23	1.53	12.36	0.84	0.23	1.76	14.22	0.23		0.23	1.86	
Trim / Thin Trees	0.28	0.05	0.48	3.88	0.42	0.05	0.62	5.01	0.14		0.14	1.13	
Encroachments	0.22		0.22	1.78	0.11	0.01	0.15	1.21	-0.11	0.01	-0.07	-0.57	
Animal Control	0.16		0.16	1.29	0.27		0.27	2.18	0.11		0.11	0.89	
Slope Stability	0.02	0.01	0.06	0.48	0.05	0.01	0.09	0.73	0.03		0.03	0.24	
Erosion / Bank Caving	0.01		0.01	0.08	0.02		0.02	0.16	0.01		0.01	0.08	
Crown Surface / Depressions / Rutting	0.07		0.07	0.57	9.91		9.91	80.05	9.84		9.84	79.48	
Operations & Maintenance Manuals	0.12		0.12	0.97	0.12		0.12	0.97				0.00	
Flood Preparedness & Training					0.12		0.12	0.97	0.12		0.12	0.97	
<i>Supplemental</i>													
USACE Erosion Survey	2.92	1.10	7.32	59.13	2.92	1.10	7.32	59.13	0.00			0.00	
<i>LMA Totals:</i>	4.41	1.39	9.97	80.53	14.79	1.40	20.39	164.70	10.37	0.01	10.41	84.17	

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

Unit No. 01 Georgiana Slough (Tyler Island), LB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
GEO_11-0_L	11.00	1.04	1.13	eroding	M
GEO_9-3_L	9.30	2.67	2.87	eroding	M
GEO_8-3_L	8.30	4.00	4.10	eroding	M
GEO_7-2_L	7.20	5.00	5.06	eroding	M
GEO_6-8_L	6.80	5.17	5.41	critical	U
GEO_6-3_L	6.30	5.51	6.29	eroding	M
GEO_5-3_L	5.30	6.78	7.44	eroding	M
GEO_4-5_L	4.50	7.56	7.82	critical	U
GEO_4-3_L	4.30	7.87	8.07	eroding	M
GEO_3-8_L	3.80	8.28	8.76	critical	U
GEO_2-5_L	2.50	9.74	9.92	eroding	M
GEO_2-0_L	2.00	10.17	10.29	critical	U
GEO_1-7_L	1.70	10.46	10.76	eroding	M
GEO_0-3_L	0.30	11.69	12.04	eroding	M

USACE Inspection Ratings Summary

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

DWR Flood System Repair Project Summary

Unit : unable to assign

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
DWR_RD0556_01_R_2012_02	Serious	Seepage	STA 227+25		Right	38.18822	-121.526697
DWR_RD0556_01_R_2012_01	Serious	Seepage	3+75 (NULE STA 14		Right	38.18671	-121.52575

Unit No. 01 Georgiana Slough (Tyler Island)

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
DWR_RD0563_01_s_2012_38	Serious	Erosion	1.11	1.13	Left	38.2269456001	-121.530009928
DWR_RD0563_01_s_2012_51	Serious	Erosion	10.33	10.42	Left	38.147536693	-121.599433457
DWR_RD0563_01_s_2012_53	Serious	Erosion	10.63	10.93	Left	38.1435187747	-121.599676622
130-136	Serious	Stability	10.9	10.9	Left	38.140357912	-121.596929282
DWR_RD0563_01_s_2012_55	Serious	Erosion	11.7	12.0	Left	38.131126	-121.58834
DWR_RD0563_01_R_2012_05	Serious	Seepage	2.20	2.59	Left	38.21855	-121.54270
130-137	Critical	Seepage	2.25		Left	38.21818	-121.54273
DWR_RD0563_01_s_2012_39	Serious	Erosion	2.63	2.77	Left	38.2141329741	-121.537778381
DWR_RD0563_01_s_2012_40	Serious	Erosion	4.00	4.11	Left	38.2007327468	-121.542571029
130-135	Serious	Erosion	4.08	4.08	Left	38.200051809	-121.543763711
DWR_RD0563_01_s_2012_42	Serious	Erosion	5.27	5.51	Left	38.1882164027	-121.558441575
130-10	Serious	Erosion	5.45	5.45	Left	38.186217035	-121.560601329
DWR_RD0563_01_s_2012_43	Serious	Erosion	5.61	6.41	Left	38.185478645	-121.563295953
DWR_RD0563_01_s_2012_44	Serious	Erosion	6.67	7.29	Left	38.1768609564	-121.579747114
DWR_RD0563_01_R_2012_01	Critical	Erosion	6.76		Left	38.17535	-121.58003
DWR_RD0563_01_s_2012_45	Serious	Erosion	7.7	8.22	Left	38.1644615564	-121.583091926
DWR_RD0563_01_s_2012_46	Serious	Erosion	8.01	8.19	Left	38.1602605112	-121.585056137
DWR_RD0563_01_s_2012_48	Serious	Erosion	8.29	8.76	Left	38.1569873976	-121.587427335
DWR_RD0563_01_s_2012_49	Serious	Erosion	9.80	9.89	Left	38.1508203425	-121.593650292

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 2013 Levee Inspection Report. The Spring 2013 Inspection Report provided unacceptable ratings erosion at Levee Unit 1, LM 5.17 to 5.41, 7.56 to 7.82, 8.28 to 7.76, 10.17 to 10.29; slope stability at Levee Unit 1, LM 10.77; 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 2013 Levee Inspection Report. The Spring 2013 Inspection Report provided unacceptable ratings erosion at Levee Unit 1, LM 5.17 to 5.41, 7.56 to 7.82, 8.28 to 7.76, 10.17 to 10.29; slope stability at Levee Unit 1, LM 10.77; and vegetation issues at various locations .

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

The Agency provided action taken on inspection items listed by DWR in the inspection report. The action taken includes active ongoing program in place and low priority for crown surface depression, encroachments, erosion, rodents control, slope stability, tree trimming and thinning, and vegetation.

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 budget for the routine maintenance based on prior year's expenditure. The reported total estimated budget for the fiscal year is \$140,000.

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 is no new information to report for this part.

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Reclamation District No. 0755 Randall

Sacramento County

Contact

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



LMA 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.

DWR Levee Inspection Summary

Rated Item	Total LMA Miles		1.86									
	Fall 2012				Fall 2013				Change			
	Overall LMA Rating				Overall LMA Rating							
	U				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	1.94		1.94	104.30	1.66	0.33	2.98	160.22	-0.28	0.33	1.04	55.91
Trim / Thin Trees					0.01		0.01	0.54	0.01		0.01	0.54
Animal Control	2.40		2.40	129.03	2.84		2.84	152.69	0.44		0.44	23.66
Operations & Maintenance Manuals	0.02		0.02	1.08	0.02		0.02	1.08				0.00
Emergency Supplies & Equipment	0.02		0.02	1.08	0.02		0.02	1.08				0.00
Flood Preparedness & Training	0.02		0.02	1.08	0.02		0.02	1.08				0.00
<i>Supplemental</i>												
USACE Erosion Survey	0.08		0.08	4.30	0.08		0.08	4.30				0.00
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	4.48	0.00	4.48	240.86	4.65	0.33	5.97	320.97	0.17	0.33	1.49	80.11

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

Unit No. 01 Sacramento River, LB

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

USACE 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	U

DWR Flood System Repair Project Summary

Unit No. 01 Sacramento River

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
131-2013	Critical	Seepage	0.1	0.9	Left	38.34424149	-121.551457948
131-2014	Critical	Seepage	0.1		Left	38.346922281	-121.538155621
131-2001	Critical	Seepage	0.14	0.14	Left	38.346919521	-121.538166748
131-2008	Serious	Seepage	0.7	0.7	Left	38.345072669	-121.547965987
131-2000	Serious	Seepage	0.7	0.7	Left	38.345072669	-121.547965987

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 provided by the Agency for Part 1.

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

No information provided by the Agency for Part 2.

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

No information provided by the Agency for Part 3.

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

No information provided by the Agency for Part 4.

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

No information provided by the Agency for Part 5.

Reclamation District No. 0765 Glide

Yolo County

Contact

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



LMA 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.

DWR Levee Inspection Summary

Rated Item	Total LMA Miles		1.74									
	Fall 2012				Fall 2013				Change			
	Overall LMA Rating				Overall LMA Rating							
	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	0.37	1.51	86.78	0.04	0.05	0.24	13.79	0.01	-0.32	-1.27	-72.99
Trim / Thin Trees	0.91	0.19	1.67	95.98	0.83	0.17	1.51	86.78	-0.08	-0.02	-0.16	-9.20
Encroachments	0.01		0.01	0.58	0.03	0.01	0.07	4.02	0.02	0.01	0.06	3.45
Slope Stability					0.04		0.04	2.30	0.04		0.04	2.30
Erosion / Bank Caving						0.01	0.04	2.30		0.01	0.04	2.30
Operations & Maintenance Manuals	0.02		0.02	1.15	0.02		0.02	1.15				0.00
Emergency Supplies & Equipment					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				0.00
<i>LMA Totals:</i>	0.98	0.56	3.22	185.06	0.99	0.24	1.95	112.07	0.01	-0.32	-1.27	-72.99

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Inspection Ratings Summary

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

DWR Flood System Repair Project Summary

No POI Repair Sites.

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 no impairments or compromising conditions were known beyond conditions denoted by the Division of Flood Management 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 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 action taken on inspection items listed by DWR in the Inspection Report. The action taken includes active ongoing program in place, corrected, pending, low priority, and other for encroachments, tree trimming and thinning, 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 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 provided by the Agency for Part 5.

Reclamation District No. 0784 Plumas Lake

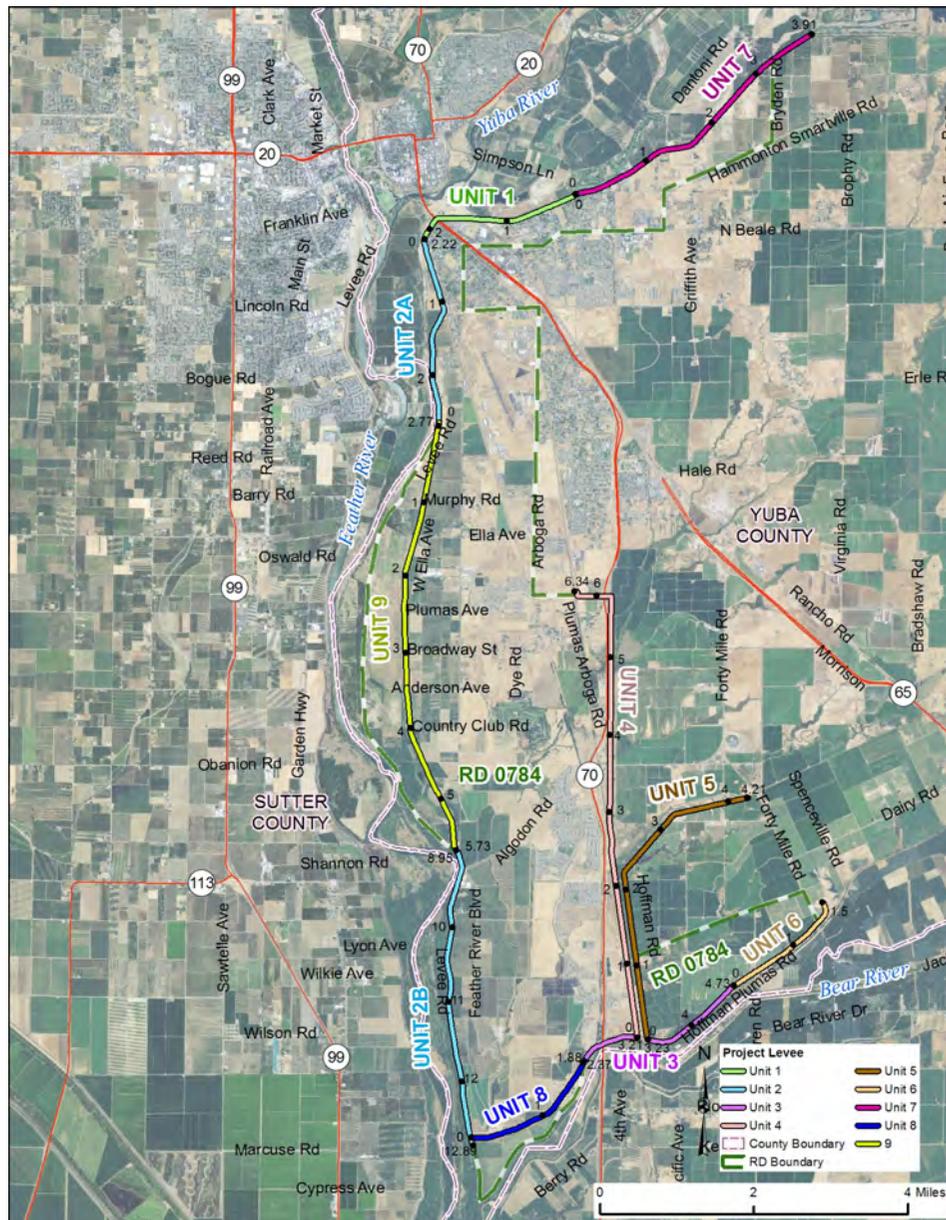
Yuba County

Contact

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

SACRAMENTO SYSTEM : Reclamation District No. 0784 Plumas Lake

RD 784



LMA Short Name : RD0784		Bank	Unit Length (Miles)
Unit No. 01	Yuba River	LB	2.22
Unit No. 02A	Feather River	LB	2.70
Unit No. 02B	Feather River	LB	3.96
Unit No. 03A	Bear River	RB	0.84
Unit No. 03B	Bear River	RB	1.50
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

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.

DWR Levee Inspection Summary

Rated Item	Total LMA Miles		Fall 2012		Fall 2013				Change			
	34.79		Overall LMA Rating		Overall LMA Rating		Overall LMA Rating					
	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	2.68	1.03	6.80	15.40	0.27	0.96	4.11	11.81	-2.41	-0.07	-2.69	-3.58
Erosion / Bank Caving	0.01		0.01	0.02	0.01		0.01	0.03				0.01
<i>Interior Drainage & Piping Systems</i>												
Culverts: Inlets / Outlets	0.07		0.07	0.16	0.07		0.07	0.20				0.04
Culverts: Breaks / Holes / Cracks		0.02	0.08	0.18		0.02	0.08	0.23				0.05
<i>Supplemental</i>												
USACE Erosion Survey	0.43		0.43	0.97	0.41		0.41	1.18	-0.02		-0.02	0.20
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	3.19	1.05	7.39	16.73	0.76	0.98	4.68	13.45	-2.43	-0.07	-2.71	-3.28

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

Unit No. 07 Yuba River, LB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
YUB_2-3_L	0.00	2.23	2.23	repaired	C

Unit No. 02B Feather River, LB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
FHR_17-8_L	17.80	8.96	9.36	eroding	M

Unit No. 03B Bear River, RB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
BER_4-9_R	4.90	4.30	4.31	eroding	M

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 0784 - Best Slough and Dry Creek	7.25	Inactive	03/19/2013	U
RD 0784 - Plumas Lakes Basin	27.27	Active	03/19/2013	M

DWR Flood System Repair Project Summary

No POI Repair Sites.

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 tire rut on Levee Unit 4, LM 0.95 and on Levee Unit 7, LM 3.61. The Agency also reported landside Phase 4 Fence Set Back Levee Improvement Project arranged by the Three Rivers Improvement Authority. The permit for this Project is 18690 DB.

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 squirrel holes at Levee Unit 2, LM 9.29 and at Levee Unit 9, LM 2.4 to 3.1 and mentioned these holes will be grouted in the spring. The Agency also reported erosion into the levee at Levee Unit 3, LM 4.3 to 4.31 and damaged levee due to cattle walking up and down the sides of the levee at Levee Unit 4, LM 4.05 to 4.8. The Agency also reported unauthorized paving along the levee toe access road at Levee Unit 2, LM 9.21 to 9.29, fences and houses along the levee toe at Levee Unit 1, LM 0.52 to 1.0, and at Levee Unit 7, LM 2.18.

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

The Agency provided a summary of maintenance activities accomplished for all levee units and the location of these activities. Activities include encroachment control, erosion repair, gate repair, installed and cleaned Levee Mile markers, rodent control and hole grouting, and vegetation control. The Agency also provided action taken on inspection items listed by DWR in the inspection report. The action taken include corrected issues for 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 ditch and canal maintenance and repairs, pump station maintenance and repairs, professional fees, salaries, fringe, insurance expenses, urban and rural levee maintenance and repairs, and others. The reported total estimated cost for the current fiscal year is \$1,656,635. 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, materials and supplies, 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 CVFPB or DWR

The Agency reported relief well testing is currently underway. The Agency also noted that Fence Set Back Project on the landside has started near the end of Levee Unit 1, LM 2.2.

Reclamation District No. 0785 Driver

Yolo County

Contact

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



LMA Short Name : RD0785		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.

DWR Levee Inspection Summary

Rated Item	Total LMA Miles		5.61		Fall 2012				Fall 2013				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		1.16	4.64	82.71	1.17		1.17	20.86	1.17	-1.16	-3.47	-61.85				
Trim / Thin Trees	0.01		0.01	0.18	0.01		0.01	0.18				0.00				
Animal Control	0.02	0.02	0.10	1.78	0.02		0.02	0.36		-0.02	-0.08	-1.43				
Slope Stability	0.02		0.02	0.36	0.02		0.02	0.36				0.00				
Erosion / Bank Caving	0.01		0.01	0.18	0.02		0.02	0.36	0.01		0.01	0.18				
Operations & Maintenance Manuals	0.06		0.06	1.07	0.06		0.06	1.07				0.00				
<i>LMA Totals:</i>	0.12	1.18	4.84	86.27	1.30	0.00	1.30	23.17	1.18	-1.18	-3.54	-63.10				

RD 785

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE 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 Flood System Repair Project Summary

Unit No. 02 Yolo Bypass

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
DWR_RD0785_02_s_2012_30	Serious	Erosion	2.20	2.20	Left	38.613063	-121.600908

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 provided by the Agency for Part 1.

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

No information provided by the Agency for Part 2.

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

The Agency provided action taken on inspection items listed by DWR in the inspection report. The action taken includes corrected, pending, and work in progress for encroachments, erosion, rodent control, tree trimming and thinning, 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 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 small erosion areas due to pedestrian access down the waterside levee are planned to be repaired and access is planned to be removed for fisherman access. The Agency also noted rip rap placed on the Yolo Bypass levee was never completed.

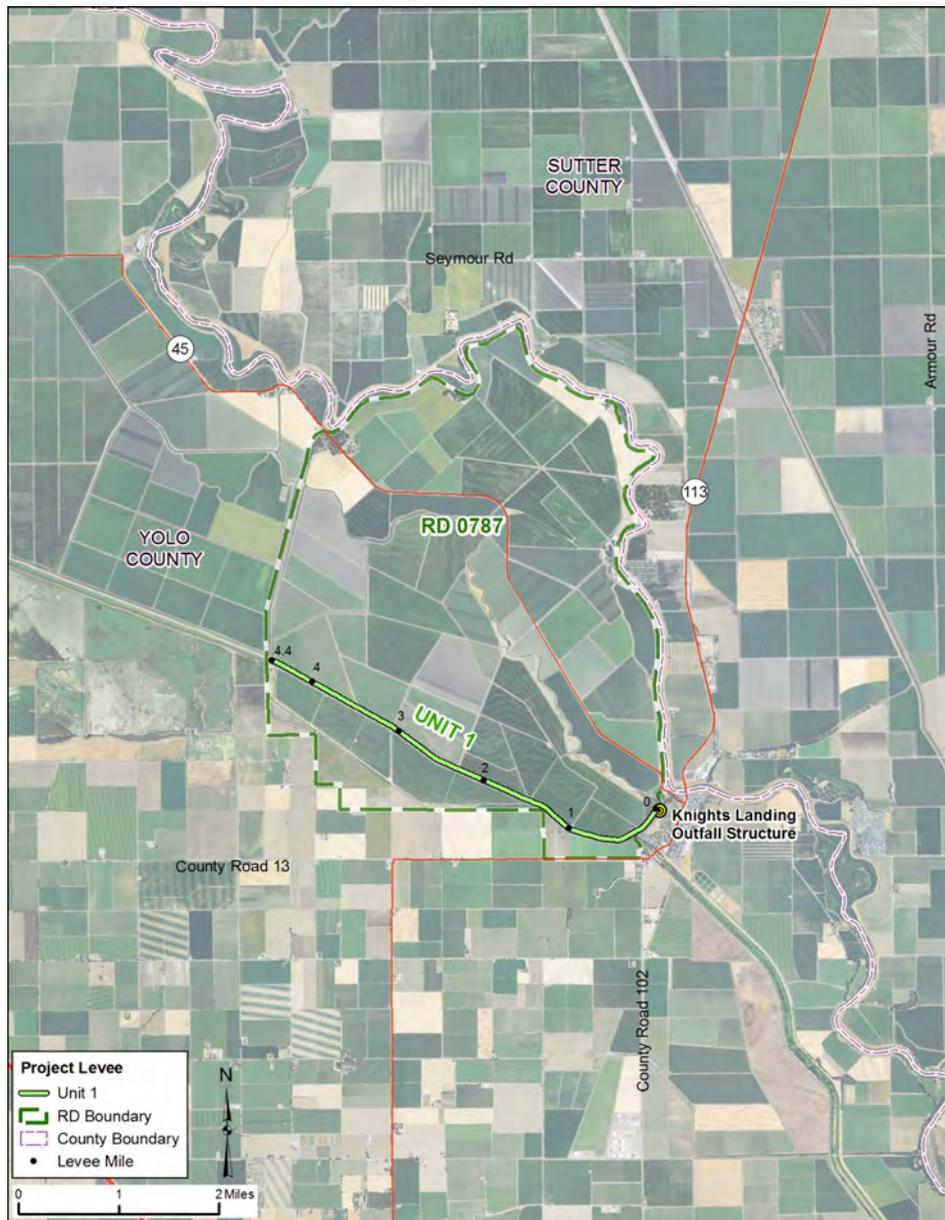
Reclamation District No. 0787 Fair

Yolo County

Contact

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

RD 787



LMA 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.

DWR Levee Inspection Summary

RD0787	Total LMA Miles		4.40									
	Fall 2012				Fall 2013				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	0.46					-0.02		-0.02	-0.46
Flood Preparedness & Training	0.04		0.04	0.91	0.04		0.04	0.91				0.00
<i>Supplemental</i>												
USACE Erosion Survey	0.13		0.13	2.96	0.13		0.13	2.96				0.00
<i>LMA Totals:</i>	0.19	0.00	0.19	4.32	0.17	0.00	0.17	3.86	-0.02	0.00	-0.02	-0.45

RD 787

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

Unit No. 01 Colusa Basin Drain, LB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
CBD_0-5_L	0.00	0.39	0.51	eroding	M
CBD_0-9_L	0.00	0.67	0.67	eroding	M

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Sacramento River west bank	119.72	Inactive	04/03/2013	U

DWR Flood System Repair Project Summary

Unit No. 01 Colusa Basin Drain

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
DWR_RD0787_01_s_2012_2	Serious	Erosion	0.667	0.847	Left	38.795486481	-121.735647346
USACE_CESPK_FAIR_2010_p_0029	Serious	Erosion	0.715		Left	38.79566	-121.73652
USACE_CESPK_FAIR_2010_p_0030	Serious	Erosion	0.772		Left	38.79593	-121.73754
USACE_CESPK_FAIR_2010_p_0038	Serious	Stability	1.084	1.168	Left	38.79778	-121.74278
USACE_CESPK_FAIR_2010_p_0044	Critical	Stability	1.461		Left	38.80101	-121.74838

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 borrowing holes from outfall gates to Jacob's point.

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

No information provided by the Agency for Part 2.

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

The Agency provided action taken on inspection items listed by DWR in the inspection report. The action taken includes corrected issues for 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 erosion repair, rodent control, slope dragging, and vegetation burning and spraying. The reported total estimated cost for the fiscal year is \$23,000.

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

No information provided by the Agency for Part 5.

Reclamation District No. 0817 Carlin

RD 817

Yuba County

Contact

Joe Conant
Director
District Office
PO Box 261
Wheatland CA 95692-0261
Phone: (530) 633-4319

RD 817



LMA 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.

DWR Levee Inspection Summary

Rated Item	Total LMA Miles		7.69		Fall 2012				Fall 2013				Change			
	Overall LMA Rating				U				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	3.16	0.03	3.28	42.65		0.01	0.04	0.52	-3.16	-0.02	-3.24	-42.13				
Animal Control						0.01	0.04	0.52		0.01	0.04	0.52				
Slope Stability	1.11		1.11	14.43					-1.11		-1.11	-14.43				
Flood Preparedness & Training	0.08		0.08	1.04	0.08		0.08	1.04				0.00				
<i>Supplemental</i>																
DWR UCIP Field Study												0.00				
<i>LMA Totals:</i>	4.35	0.03	4.47	58.13	0.08	0.02	0.16	2.08*	-4.27	-0.01	-4.31	-56.05				

* 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 817

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE 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	N/A

DWR Flood System Repair Project Summary

No POI Repair Sites.

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.

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 freeboard deficiencies at Levee Unit 1 and noted high water marks from 2006 flood event are at the levee crown elevation. The Agency also identified burrowing holes, narrow crown, and steep slopes throughout the reach of Levee Unit 2.

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

The Agency provided a summary of maintenance activities accomplished for all levee units. Activities include levee patrolling during high water, 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 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 \$58,000. The Agency also reported that district expect to be offered State cost share through FSRP to design and implement repairs for these identified critical erosion sites. The Agency estimates the total cost for this project to be between \$1.75 and \$7.8 million.

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 did not provided any additional information other than normal maintenance.

Reclamation District No. 0827 Elkhorn

RD 827

Yolo County

Contact

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



LMA 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 focus more on controlling vegetation to maintain visibility and access.
- There are one or more locations of unstable slopes and/or cracking in this Area.

DWR Levee Inspection Summary

Rated Item	Total LMA Miles		Fall 2012		Fall 2013				Change			
	Overall LMA Rating		A		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					2.76		2.76	65.87	2.76		2.76	65.87
Encroachments	0.02		0.02	0.48					-0.02		-0.02	-0.48
Animal Control	0.03		0.03	0.72					-0.03		-0.03	-0.72
Slope Stability	0.01		0.01	0.24	0.01		0.01	0.24				0.00
Erosion / Bank Caving	0.02		0.02	0.48					-0.02		-0.02	-0.48
Cracking	0.01		0.01	0.24					-0.01		-0.01	-0.24
<i>LMA Totals:</i>	0.09	0.00	0.09	2.15	2.77	0.00	2.77	66.11	2.68	0.00	2.68	63.96

RD 827

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE 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 Flood System Repair Project Summary

Unit No. 02 Yolo Bypass

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
241-1	Serious	Stability	0.3	0.5	Left	38.669791127	-121.641555358
241-2011	Serious	Stability	0.3	0.33	Left	38.672158227	-121.642201506
241-2002	Serious	Stability	0.3		Left	38.674891309	-121.642907177
241-2010	Serious	Stability	0.4	0.43	Left	38.670762417	-121.641841701

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 provided by the Agency for Part 1.

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

No information provided by the Agency for Part 2.

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

No information provided by the Agency for Part 3.

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

No information provided by the Agency for Part 4.

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

No information provided by the Agency for Part 5.

Reclamation District No. 0900 West Sacramento

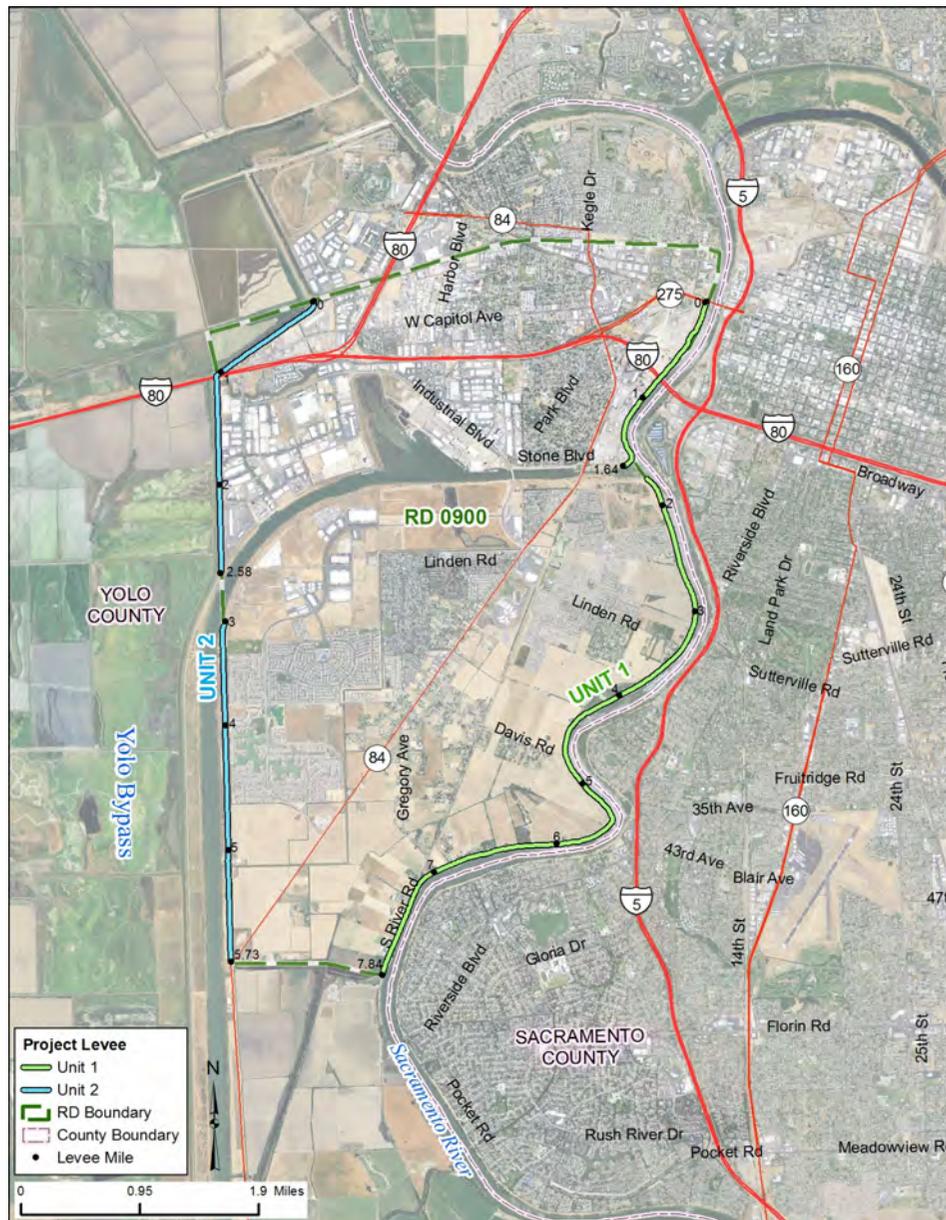
RD 900

Yolo County

Contact

Ken Ruzich
Manager
District Office
PO Box 673
West Sacramento CA 95691
Phone: (916) 371-1483

RD 900



LMA 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

- The LMA should work with landowners and the CVFPB to control unauthorized encroachments.
- The LMA should focus on repairing erosion sites.

DWR Levee Inspection Summary

RD0900	Total LMA Miles		13.57									
	Fall 2012				Fall 2013				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	7.94		7.94	58.51	0.03		0.03	0.22	-7.91		-7.91	-58.29
Trim / Thin Trees	0.90		0.90	6.63					-0.90		-0.90	-6.63
Encroachments	0.09		0.09	0.66	0.05		0.05	0.37	-0.04		-0.04	-0.30
Animal Control	0.06		0.06	0.44	0.02		0.02	0.15	-0.04		-0.04	-0.30
Slope Stability	0.05		0.05	0.37	0.02		0.02	0.15	-0.03		-0.03	-0.22
<i>Supplemental</i>												
USACE Erosion Survey	0.44		0.44	3.24	0.44		0.44	3.24	0.00			0.00
<i>LMA Totals:</i>	9.48	0.00	9.48	69.86	0.56	0.00	0.56	4.13	-8.92	0.00	-8.92	-65.73

RD 900

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

Unit No. 01 Sacramento River, RB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
SAC_57-2_R	57.20	1.91	2.03	under construction	C
SAC_57-0_R	57.00	2.07	2.11	under construction	C
SAC_56-7_R	56.70	2.35	2.49	eroding	M
SAC_56-5_R	56.50	2.56	2.65	eroding	M
SAC_55-7_R	55.70	3.28	3.49	eroding	M

USACE Inspection Ratings Summary

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

DWR Flood System Repair Project Summary

No POI Repair Sites.

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 construction is scheduled for 2014 to 2016 on Levee Unit 1, LM 2 to 7.84. The Agency mentioned that with this construction completion, the entire levee south of Deep Water Channel (DWC) locks to West Sacramento city limit will be raised up to 200 year levee protection.

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 setback levee that has been constructed but not yet been accepted by DWR and not yet turned over to RD900 for maintenance.

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 includes inspection, roadway maintenance, rodent control, slope dragging and vegetation control. The Agency also provided action taken on inspection items listed by the DWR in the inspection report. The action taken includes encroachment, slope stability, 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, inspection, patrolling, rodent control, and vegetation control. The reported total estimated cost for the current fiscal year is \$190,500.

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 mentioned that the information about the capital improvements to the RD900 levee system is anticipated to be available at the City of West Sacramento's website under "Flood Protection".

Reclamation District No. 0999 Netherlands

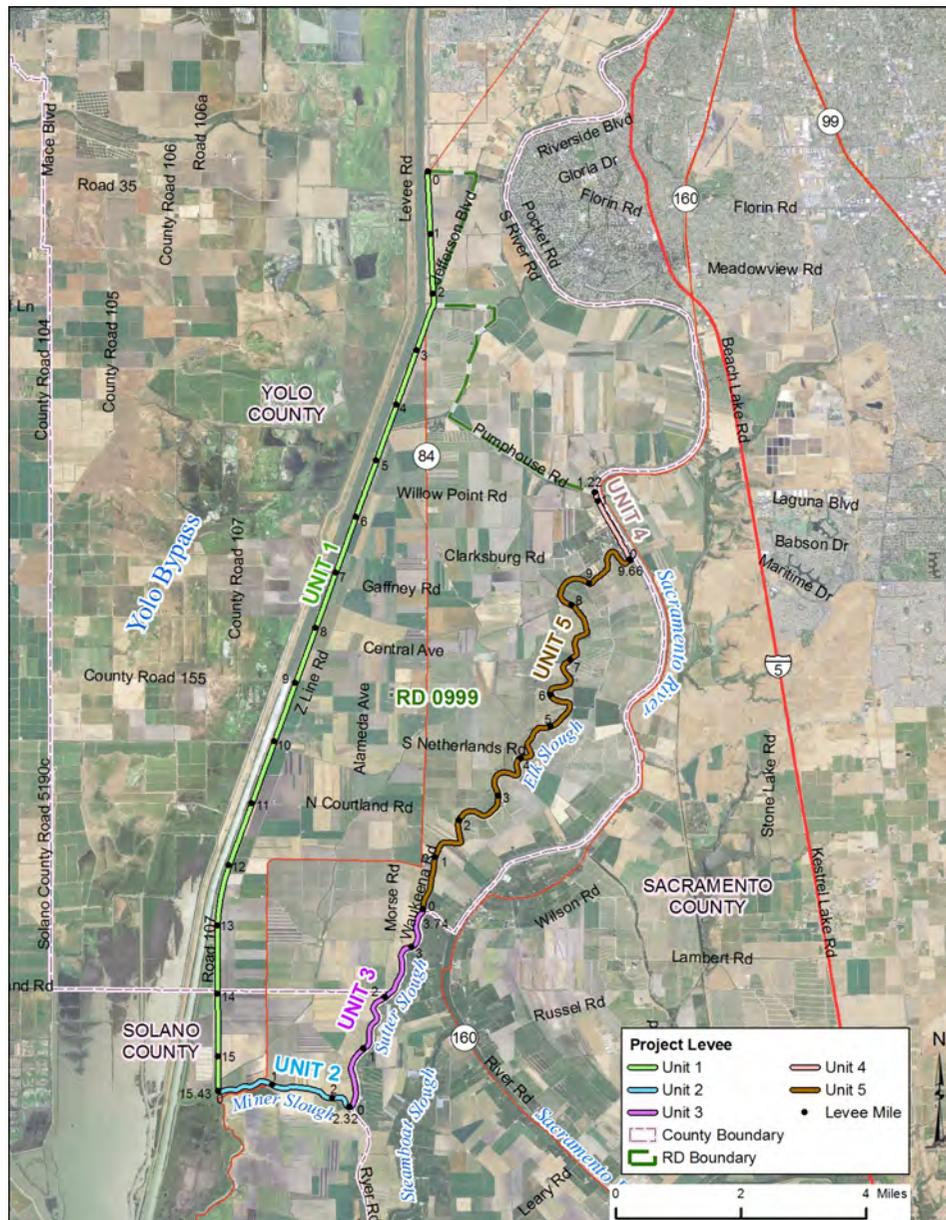
RD 999

Yolo County

Contact

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

RD 999



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

DWR Levee Inspection Summary

Rated Item	Total LMA Miles		32.37									
	Fall 2012				Fall 2013				Change			
	Overall LMA Rating				Overall LMA Rating							
	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	0.06	0.70	2.16	0.38	0.05	0.58	1.79	-0.08	-0.01	-0.12	-0.37
Trim / Thin Trees	1.37	0.02	1.45	4.48	1.94	0.02	2.02	6.24	0.57		0.57	1.76
Encroachments	0.52		0.52	1.61	0.37	0.01	0.41	1.27	-0.15	0.01	-0.11	-0.34
Animal Control	1.44		1.44	4.45	1.44		1.44	4.45				0.00
Slope Stability	0.03		0.03	0.09	0.06		0.06	0.19	0.03		0.03	0.09
Erosion / Bank Caving	0.01		0.01	0.03	0.01		0.01	0.03				0.00
Crown Surface / Depressions / Rutting	5.54		5.54	17.12	7.61		7.61	23.51	2.07		2.07	6.39
Repair Gates	0.01		0.01	0.03	0.01		0.01	0.03				0.00
<i>Supplemental</i>												
USACE Erosion Survey	0.07		0.07	0.22	0.07		0.07	0.22				0.00
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	9.45	0.08	9.77	30.18	11.89	0.08	12.21	37.72	2.44	0.00	2.44	7.54

RD 999

DWR Structure Inspection Summary

Structure Name	Overall Rating
Elk Slough Inlet Structure	A

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

Unit No. 01 Yolo Bypass, LB

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

Unit No. 03 Sutter Slough, RB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
STR_24-7_R	24.70	0.21	0.21	eroding	M
STR_25-2_R	25.20	0.96	0.96	eroding	M
STR_25-7_R	25.70	1.41	1.41	eroding	M
STR_27-1_R	27.10	2.85	2.85	eroding new	M
STR_27-3_R	27.30	3.03	3.03	eroding	M

Unit No. 04 Sacramento River, RB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
SAC_41-9_R	41.90	0.01	0.01	eroding	M

Unit No. 05 Elk Slough, RB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
ELK_0-2_R	0.20	0.02	9.47	eroding	M

USACE Inspection Ratings Summary

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

DWR Flood System Repair Project Summary

Unit No. 01 Yolo Bypass

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
142-22	Serious	Stability	0.5	1	Left	38.498098	-121.581817
142-23	Serious	Stability	1.8	1.9	Left	38.477877664	-121.580723124

Unit No. 02 Miner Slough

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
304-18	Serious	Erosion	0.64	0.64	Right	38.292128031	-121.63362418

Unit No. 03 Sutter Slough

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
305-24	Serious	Erosion	0	0.2	Right	38.286758786	-121.605874234
305-25	Serious	Erosion	0.09	0.62	Right	38.287889815	-121.605088548
DWR_RD0999_03_s_2012_29	Serious	Erosion	0.09	0.09	Right	38.2896342294	-121.604343312
305-01	Critical	Seepage	0.2	0.2	Right	38.289393507	-121.604537666
305-2010	Serious	Erosion	0.21	0.29	Right	38.289536127	-121.604523123
305-17	Critical	Seepage	0.25	0.25	Right	38.290108294	-121.604516822

Unit No. 04 Sacramento River

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
DWR_RD0999_04_s_2012_8	Serious	Erosion	0.01	0.24	Right	38.4143868958	-121.52287133
303-29	Serious	Seepage	0.03	0.04	Right	38.414433534	-121.523318215
303-30	Serious	Seepage	0.17	0.21	Right	38.416262115	-121.524419821

Unit No. 05 Elk Slough

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
DWR_RD0999_05_s_2012_94	Serious	Erosion	0.12	9.50	Right	38.3356157201	-121.583614549

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)**

No information provided by the Agency for Part 1.

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

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

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

The Agency provided action taken on inspection items listed by DWR in the inspection report. The action taken includes corrected, pending, low priority, and too wet to work for crown surface, encroachments, rodent control, tree trimming and thinning, 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, engineering services, erosion repair, flood emergency planning, gate maintenance, inspection, rodent control, seepage control, vegetation burning, mowing, spraying, and thinning and trimming. The reported total estimated cost for the current fiscal year is \$418,000.

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 is no new additional information that is relevant to the condition or performance of the Project levee.

RD 999

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Reclamation District No. 1000

Natomas

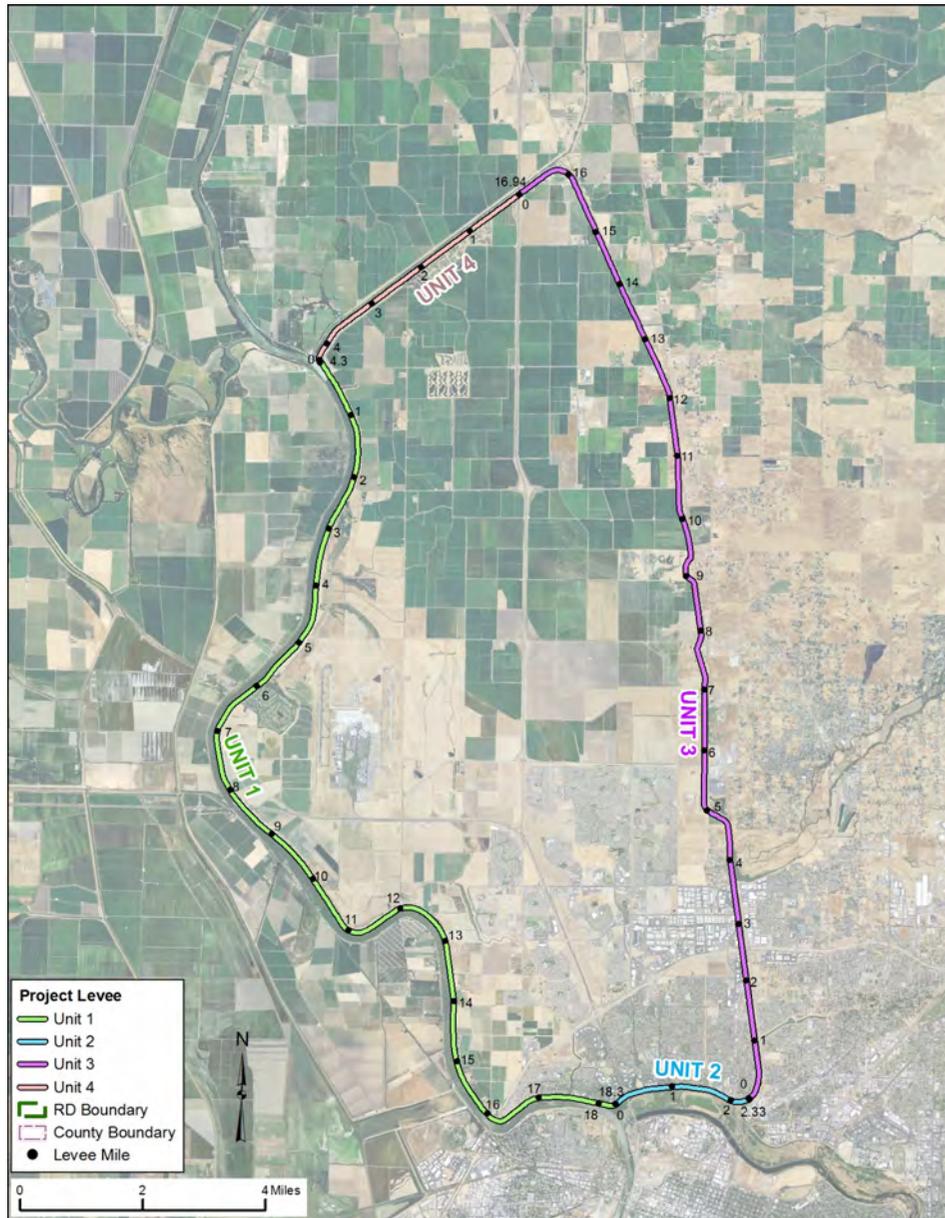
RD 1000

Sacramento County
Sutter County

Contact

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

RD 1000



LMA 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 more on controlling vegetation to maintain visibility and access.

DWR Levee Inspection Summary

Rated Item	Total LMA Miles		Fall 2012		Fall 2013				Change			
	42.48		Overall LMA Rating		Overall LMA Rating		Overall LMA Rating					
	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	0.02	0.80		0.80	1.88	0.79		0.79	1.86
Encroachments	0.01		0.01	0.02					-0.01		-0.01	-0.02
Slope Stability	0.01		0.01	0.02					-0.01		-0.01	-0.02
<i>Supplemental</i>												
USACE Erosion Survey	0.10		0.10	0.24	0.10		0.10	0.24				0.00
<i>LMA Totals:</i>	0.13	0.00	0.13	0.31	0.90	0.00	0.90	2.12	0.77	0.00	0.77	1.81

DWR Structure Inspection Summary

No Structures Inspected in this District.

RD 1000

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

Unit No. 01 Sacramento River, LB

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

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 1000 - Natomas	41.71	Active	05/16/2013	M

DWR Flood System Repair Project Summary

No POI Repair Sites.

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 and seepage during high water at Levee Unit 1, LM 16.2 to 16.4 and mentioned encroachments limiting access and visibility on Levee Unit 1 at various locations. The Agency reported Sacramento Area Flood Control Agency (SAFCA) is proposing to construct a temporary berm at this location in spring 2014. The Agency also reported that the observed seepage at Levee Unit 2 was flowing clear. The Agency also mentioned that the district does not have landside access road for maintenance or monitoring; however, the Natomas Levee Improvement Project (NLIP) will address this when completed by USACE in the future on Levee Unit 1 from I-5 crossing to Powerline Road and on Levee Unit 2 from I-5 crossing to Northgate.

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 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 near I-5 crossing and 500 feet downstream, 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.

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 includes encroachment control, gate repair, inspection, patrolling, roadway maintenance, rodent baiting and trapping, and vegetation grazing, mowing, spraying, thinning and trimming. The Agency also reported removal of beaver dams on a regular basis along Natomas East Main Drainage Canal (NEMDC) and Pleasant Grove Cross Canal (PGCC) areas. The Agency also provided action taken on inspection items listed by DWR in the inspection report. The action taken includes corrected and work in progress for crown surface, encroachments, rodent control, tree trimming and thinning, and vegetation control. The Agency reported the approximate total costs for operation and maintenance of the Project levees for the previous fiscal year as \$1,200,000.

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

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 mentioned as part of the most recent Periodic Inspection by the USACE in 2010, it was determined that the District does not meet the standards to remain in the Rehabilitation and Inspection Programs (RIP). Subsequent to the inspection results, the District addressed many of the issues noted in the PI and prepared a Letter of Intent to prepare a SWIF to address the remaining issues identified in the PI. The Agency reported the Letter of Intent was approved by the USACE and the District was reinstated in the RIP effective January 2013. The Agency also provided status of the NLIP that is being constructed by SAFCA with financial support from the State.

Reclamation District No. 1001 Nicolaus

Sutter County

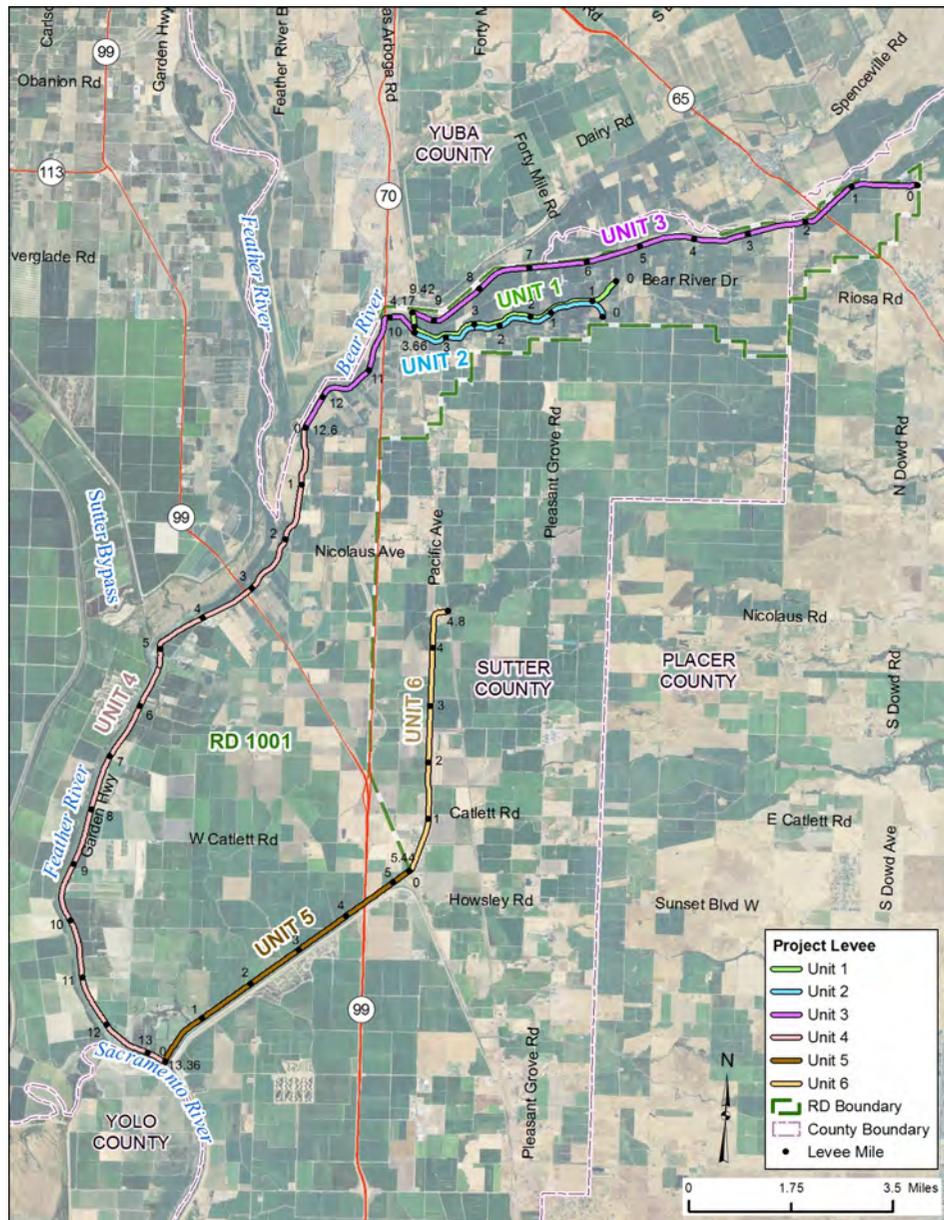
RD 1001

Contact

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

SACRAMENTO SYSTEM : Reclamation District No. 1001 Nicolaus

RD 1001



LMA 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.
- The LMA should focus on repairing erosion sites.

DWR Levee Inspection Summary

Rated Item	Total LMA Miles		44.03		Fall 2012				Fall 2013				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	20.66		20.66	46.92	6.54		6.54	14.85	-14.12		-14.12	-32.07				
Trim / Thin Trees	0.17		0.17	0.39	0.27		0.27	0.61	0.10		0.10	0.23				
Encroachments	0.02		0.02	0.05	0.03		0.03	0.07	0.01		0.01	0.02				
Animal Control					0.01		0.01	0.02	0.01		0.01	0.02				
Slope Stability	0.05		0.05	0.11	0.05		0.05	0.11				0.00				
Erosion / Bank Caving	0.01		0.01	0.02	0.01		0.01	0.02				0.00				
<i>Supplemental</i>																
USACE Erosion Survey	1.94		1.94	4.41	1.94		1.94	4.41				0.00				
DWR UCIP Field Study												0.00				
<i>LMA Totals:</i>	22.85	0.00	22.85	51.90	8.85	0.00	8.85	20.10	-14.00	0.00	-14.00	-31.80				

DWR Structure Inspection Summary

RD 1001

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

Unit No. 02 Yankee Slough, LB

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

Unit No. 03 Bear River, LB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
BER_5-7_L	5.70	7.21	7.30	eroding	M
BER_2-5_L	2.50	10.37	10.41	eroding	M
BER_1-9_L	1.90	11.09	11.17	eroding	M
BER_0-8_L	0.80	12.13	12.22	eroding	M

Unit No. 04 Feather River, LB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
FHR_6-6_L	6.60	5.84	5.97	eroding	M
FHR_6-0_L	6.00	6.47	6.57	eroding	M
FHR_5-8_L	5.80	6.63	6.88	eroding	M
FHR_5-0_L	5.00	7.54	7.86	eroding	M
FHR_3-8_L	3.80	8.61	9.01	eroding	M
FHR_1-0_L	1.00	11.21	11.44	eroding	M
FHR_0-6_L	0.60	11.68	11.85	eroding	M

Unit No. 05 Natomas Cross Canal, RB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
NCC_3-0_R	0.00	2.31	2.31	eroding	M

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 1001 - Bear River and Yankee Slough	13.47	Active	11/18/2013	M
RD 1001 - Nicolaus, Feather River	30.21	Active	11/18/2013	U

RD 1001

DWR Flood System Repair Project Summary

Unit : unable to assign

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
DWR_RD1001_03_s_2012_19	Serious	Erosion	10.37	10.41	Left	38.9645830486	-121.544966777
DWR_RD1001_03_s_2012_21	Serious	Stability	12.07	12.07	Left	38.9464769583	-121.564093611
246-1	Serious	Stability	4.51		Left	38.991848146	-121.45208034

Unit No. 02 Yankee Slough

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
USACE_CESPK_NIC2_2012_p_0218	Serious	Erosion	3.651		Left	38.96567	-121.53313

Unit No. 04 Feather River

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
247-9	Serious	Seepage	10.1	10.3	Left	38.814827666	-121.636343811
247-2008	Serious	Seepage	10.15	10.22	Left	38.81583512	-121.637094617
247-2017	Serious	Seepage	11.5		Left	38.797974905	-121.631133965
247-31	Serious	Seepage	12.73	13.26	Left	38.781802389	-121.607110003
247-28	Critical	Seepage	9		Left	38.8323693	-121.635386613
247-2	Critical	Seepage	9.52		Left	38.825390744	-121.639144102

Unit No. 05 Natomas Cross Canal

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
DWR_RD1001_05_s_2012_15	Serious	Stability	2.24	2.24	Right	38.8038767911	-121.575052961
USACE_CESPK_NIC5_2012_p_0090	Serious	Stability	2.751		Right	38.80752	-121.56892
USACE_CESPK_NIC5_2012_p_0144	Serious	Stability	4.075		Right	38.81914	-121.54964
USACE_CESPK_NIC5_2012_p_0166	Serious	Erosion	5.102		Right	38.82813	-121.53465

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 100 feet long erosion on the waterside toe at Levee Unit 2, LM 3.651. The Agency noted this erosion site has 11 feet high face with 1:1 slope and vegetation is preventing the erosion inspection. The Agency farther noted that this erosion site is threatening the toe of the levee. The Agency also reported seepage locations on Levee Unit 4, LM 9.52,10.01 to 10.03, 10.15 to 10.22, 11.5, and 12.73 to 13.26. The Agency also reported multiple rotational failures in the berm at Levee Unit 3, LM 12.07 and intermittent slumps along the waterside slope on Levee Unit 5, LM 2.2 to 4.

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

The Agency provided action taken on inspection items listed by DWR in the inspection report. The action taken includes corrected, low priority, pending, work in progress, and other for encroachments, rodent control, slope stability, tree trimming and thinning, 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 vegetation control and slope dragging. The reported total estimated 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

The Agency reported that District maintains emergency action plan as well as a slow rise emergency plan.

Reclamation District No. 1500 Sutter Basin

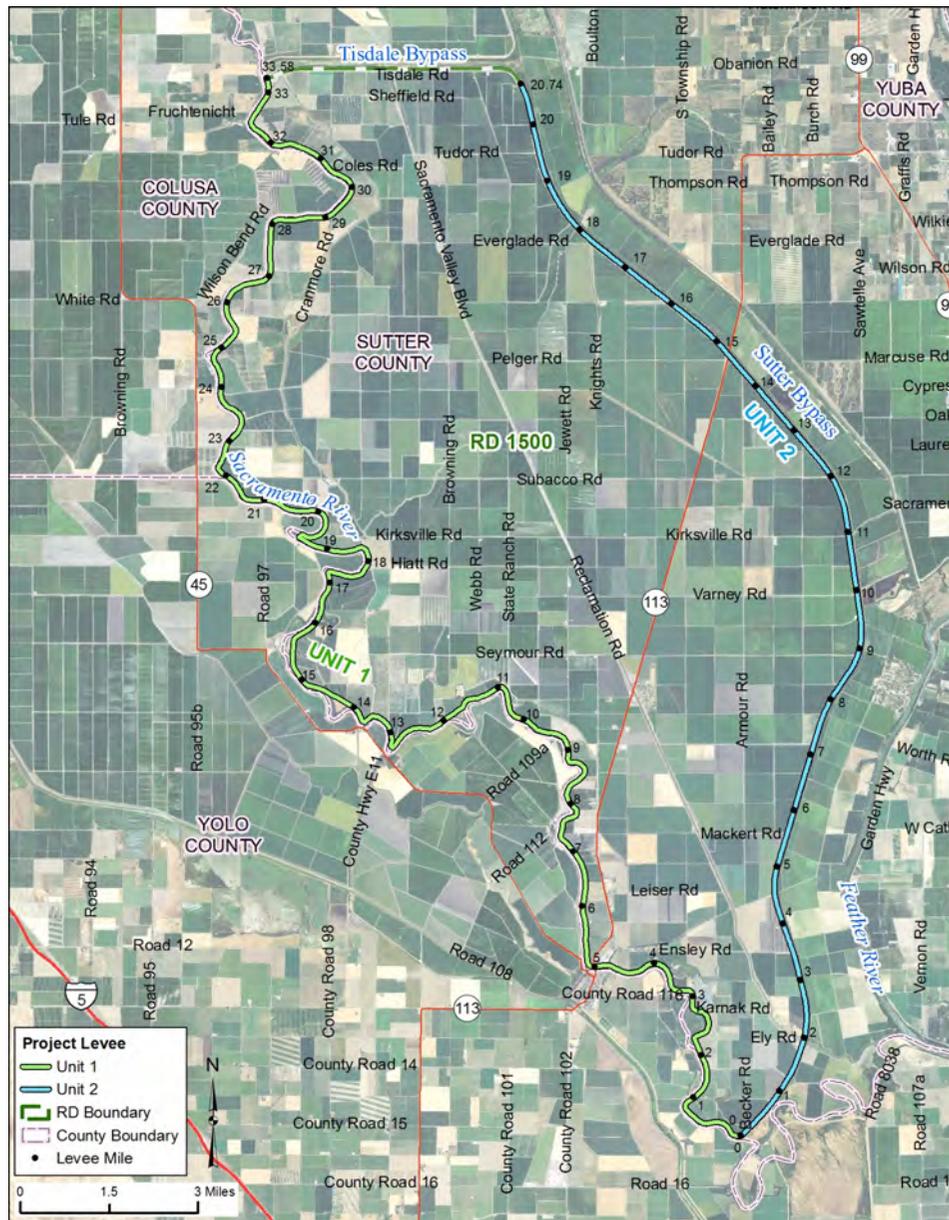
Sutter County

RD 1500

Contact

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

SACRAMENTO SYSTEM : Reclamation District No. 1500 Sutter Basin



RD 1500

LMA 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 LMA should enhance its rodent control program.
- The LMA should work with landowners and the CVFPB to control unauthorized encroachments.

DWR Flood System Repair Project Summary

Unit No. 01 Sacramento River

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
DWR_RD1500_01_s_2012_29	Serious	Erosion	11.91	12.09	Left	38.8718528715	-121.749330178
DWR_RD1500_01_s_2012_34	Serious	Erosion	11.91	12.38	Left	38.8704737706	-121.752236511

Unit No. 02 Sutter Bypass

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
294-35	Serious	Seepage	0.8	1.8	Right	38.769585999	-121.664602483
294-11	Critical	Seepage	10.32		Right	38.89920907	-121.637700192
294-12	Critical	Seepage	10.38		Right	38.900064083	-121.637845614
294-13	Critical	Seepage	10.41		Right	38.900492551	-121.637920514
294-39	Serious	Seepage	7.3		Right	38.858626809	-121.650486691
Sac-14	Serious	Seepage	7.5		Right	38.86142	-121.6494
294-06	Serious	Seepage	7.67		Right	38.863709	-121.648421
294-99	Serious	Seepage	9.0	11.0	Right	38.880400802	-121.63656367
294-07	Critical	Seepage	9.13		Right	38.88221502	-121.63598946
294-08	Critical	Seepage	9.53		Right	38.88793253	-121.635839664
294-114	Critical	Seepage	9.58		Right	38.88864785	-121.635940402
294-10	Critical	Seepage	9.6		Right	38.888934623	-121.635980527
294-115	Critical	Seepage	9.8		Right	38.89179232	-121.636405116

RD 1500

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 for needed repair works. Integrity issues for Levee Unit 1 include boils at LM 13; dip in levee crown on paved road LM 9.18; erosion or sloughing at LM 2.37, 2.50, 8.75, 11.91 to 12.34, 12.64, 18.5, and 31.6 to 32.2; and heavy seepage at LM 12.5 to 14.35. Integrity issues for Levee Unit 2 include boils at LM 9 to 11, 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 reported new boils along the Sutter Bypass levee at LM 18.25. The Agency noted that these boils are located in an irrigation delivery canal near the landside toe and the large boil is about 20 inches in diameter along with small 3-4 inches in diameter boils. The Agency reported that these boils are being closely monitored at this time. The Agency also noted sloughing of a maintenance road adjacent to the Sutter Bypass levee at LM 0.75 to 1.55. The Agency believes that this sloughing may be caused in whole or in part by possible deep under-seepage of water from the Sutter Bypass during high water conditions.

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 include reestablishing a required 15 feet wide road below rock revetment at LM 2.02 to 8.42, and elimination of dead furrows and wavewash erosion on waterside at LM 14.79 to 20.77.

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 adding rip-rap, crown roadway, diversion structures, gates and culverts, patrolling, pumps and motors, and vegetation burning, mowing, spraying, and thinning and trimming. The reported total estimated cost for the current fiscal year is \$700,000.

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 provided by the Agency for Part 5.

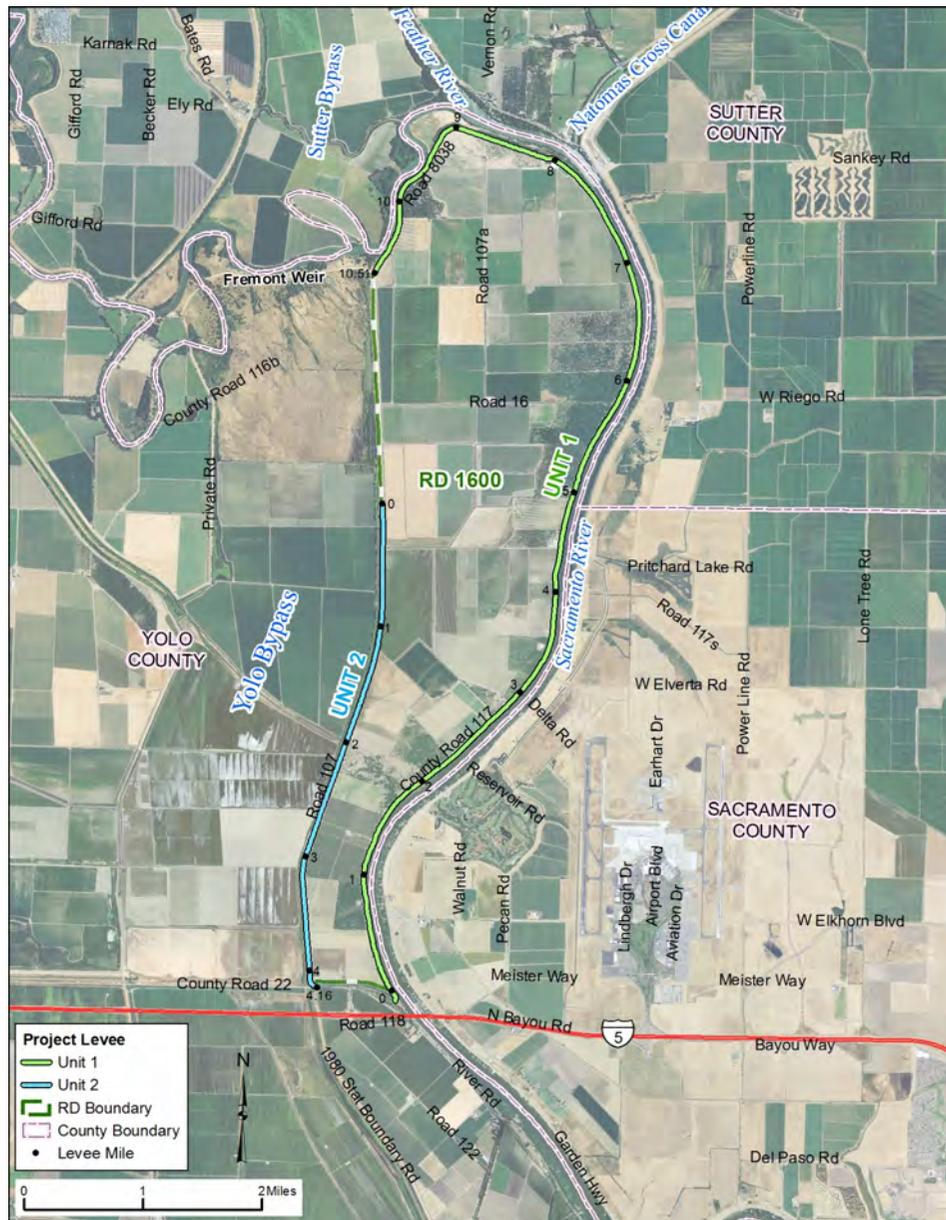
Reclamation District No. 1600 Mull

Yolo County

RD 1600

Contact

Kent Lang
President
District Office
21548 Old River Road
West Sacramento CA 95691
Phone: (916) 372-3884



RD 1600

LMA 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 ensure that the levee crown and access roads are able to be driven in all weather conditions.
- The LMA should focus on repairing erosion sites.

DWR Levee Inspection Summary

Rated Item	Total LMA Miles		14.73									
	Fall 2012				Fall 2013				Change			
	Overall LMA Rating				Overall LMA Rating							
	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	11.79		11.79	80.04	25.60		25.60	173.80	13.81		13.81	93.75
Trim / Thin Trees	0.01		0.01	0.07	0.03		0.03	0.20	0.02		0.02	0.14
Slope Stability					0.03		0.03	0.20	0.03		0.03	0.20
Erosion / Bank Caving	0.73	0.02	0.81	5.50	0.78	0.02	0.86	5.84	0.05		0.05	0.34
Crown Surface / Depressions / Rutting	0.01		0.01	0.07	3.28		3.28	22.27	3.27		3.27	22.20
<i>Supplemental</i>												
USACE Erosion Survey	0.05		0.05	0.34	0.05		0.05	0.34				0.00
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	12.59	0.02	12.67	86.01	29.77	0.02	29.85	202.65	17.18	0.00	17.18	116.63

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

RD 1600

USACE 2012 Sacramento River Erosion Summary

Unit No. 01 Sacramento River, RB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
SAC_71-3_R	71.30	0.57	0.57	eroding	M
SAC_74-4_R	74.40	3.60	3.60	eroding	M
SAC_75-3_R	75.30	4.35	4.35	eroding	M
SAC_77-0_R	77.00	6.31	6.31	eroding	M
SAC_77-7_R	77.70	6.96	6.96	eroding	M

USACE 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 Flood System Repair Project Summary

No POI Repair Sites.

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 steep slope on levee unit 2 about 2 miles south of Fremont Weir. The Agency mentioned the levee slope in this area is 1:1 and 30 feet high. The Agency also mentioned that when the bypass was full, this area slipped in 1997 and 2006 flooding events. The Agency also reported erosion on Levee Unit 2 about 2.5 miles south of Fremont Weir.

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 not repaired. 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. The Agency also reported due to budget restrictions the raising of levee crown between LM 2.99 to 5.96 is still in process on Levee Unit 1.

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 include 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 \$133,000.

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 provided by the Agency for Part 5.

Reclamation District No. 1601 Twitchell

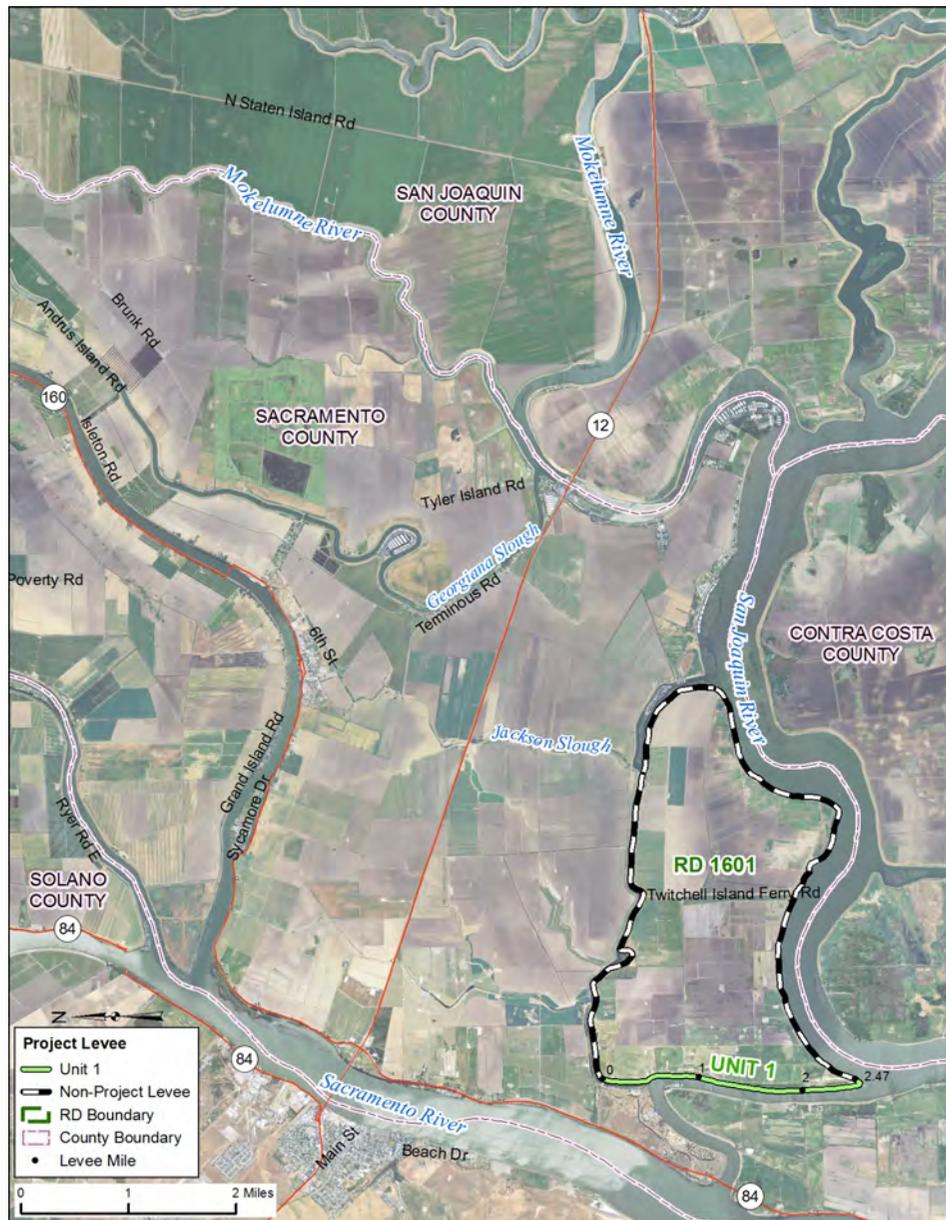
Sacramento County

RD 1601

Contact

Juan Mercado Jr
President
District Office
2360 West Twitchell Island Road
Rio Vista CA 94571
Phone: (916) 777-6992

RD 1601



LMA Short Name : RD1601	Bank	Unit Length (Miles)
Unit No. 01 Threemile Slough	LB	2.47

Threat Assessment & Recommendations

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

DWR Levee Inspection Summary

RD1601	Total LMA Miles		2.47													
	Fall 2012				Fall 2013				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>																
Erosion / Bank Caving					0.01		0.01	0.41	0.01		0.01	0.41				
<i>Supplemental</i>																
DWR UCIP Field Study												0.00				
<i>LMA Totals:</i>	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.41	0.01	0.00	0.01	0.41				

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

No Supplemental Erosion Sites.

RD 1601

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 1601 - Twitchell Island	2.51	Active	05/17/2013	M

DWR Flood System Repair Project Summary

Unit : unable to assign

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
DWR_RD1601_01_R_2012_06	Serious	Seepage			Right	38.09101	-121.68158
1046-45	Serious	Seepage	1.64	3.44	Right	38.095050981	-121.634113896
1046-26	Serious	Seepage	1.69	4.8	Right	38.098201781	-121.658355095
1047-6	Serious	Erosion	4.1	4.1	Right	38.112730071	-121.617019086
1047-5	Serious	Seepage	4.41	4.49	Right	38.107419009	-121.615087194
DWR_RD1601_01_R_2012_07	Serious	Erosion	4.43		Right		
DWR_RD1601_01_R_2012_05	Critical	Seepage	STA 1730+00		Right	38.097625	-121.669275

Unit No. 01 Threemile Slough

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
148-158	Serious	Erosion	1.09	1.1	Right	38.106991333	-121.683217409
DWR_RD1601_01_R_2012_03	Critical	Seepage	1.73		Right	38.09499	-121.68424

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 2013 Levee Inspection Report. The Spring 2013 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 2013 Levee Inspection Report. The Spring 2013 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 provided action taken on inspection items listed by DWR in the inspection report. The action taken includes active ongoing program in place for 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 estimated budget for the routine maintenance based on prior year's expenditure. The reported total estimated budget for the fiscal year is \$260,000.

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 is no new additional information that is relevant to the condition or performance of the Project levee.

Reclamation District No. 1660 Tisdale

Sutter County

Contact

Andy Duffey
General Manager
District Office
PO Box 35
Meridian CA 95957
Phone: (530) 696-2569



LMA Short Name : RD1660		Bank	Unit Length (Miles)
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 2012				Fall 2013				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
Slope Stability	0.05		0.05	0.41	0.05		0.05	0.41				0.00
<i>Supplemental</i>												
USACE Erosion Survey	0.03		0.03	0.25	0.03		0.03	0.25				0.00
<i>LMA Totals:</i>	0.09	0.00	0.09	0.74	0.09	0.00	0.09	0.74	0.00	0.00	0.00	0.00

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

Unit No. 01 Sacramento River, LB

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

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 0070 and RD 1660 - Sutter Basin North	39.90	Inactive	10/18/2013	U

DWR Flood System Repair Project Summary

Unit No. 02 Sutter Bypass

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
248-17	Critical	Seepage	5.68		Right	39.108208989	-121.782279542

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 there is no new relevant information on the condition or performance of the Project 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 seepage at Levee Unit 2, LM 5.68. The Agency also reported clean moving water when the water in Sutter Bypass is above the levee toe and that this site is located north of the location of 1997 levee break.

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 include 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 the annual maintenance of the District for the current fiscal year as \$30,000.

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

The Agency reported that there is no new additional information that is relevant to the condition or performance of the Project levee.

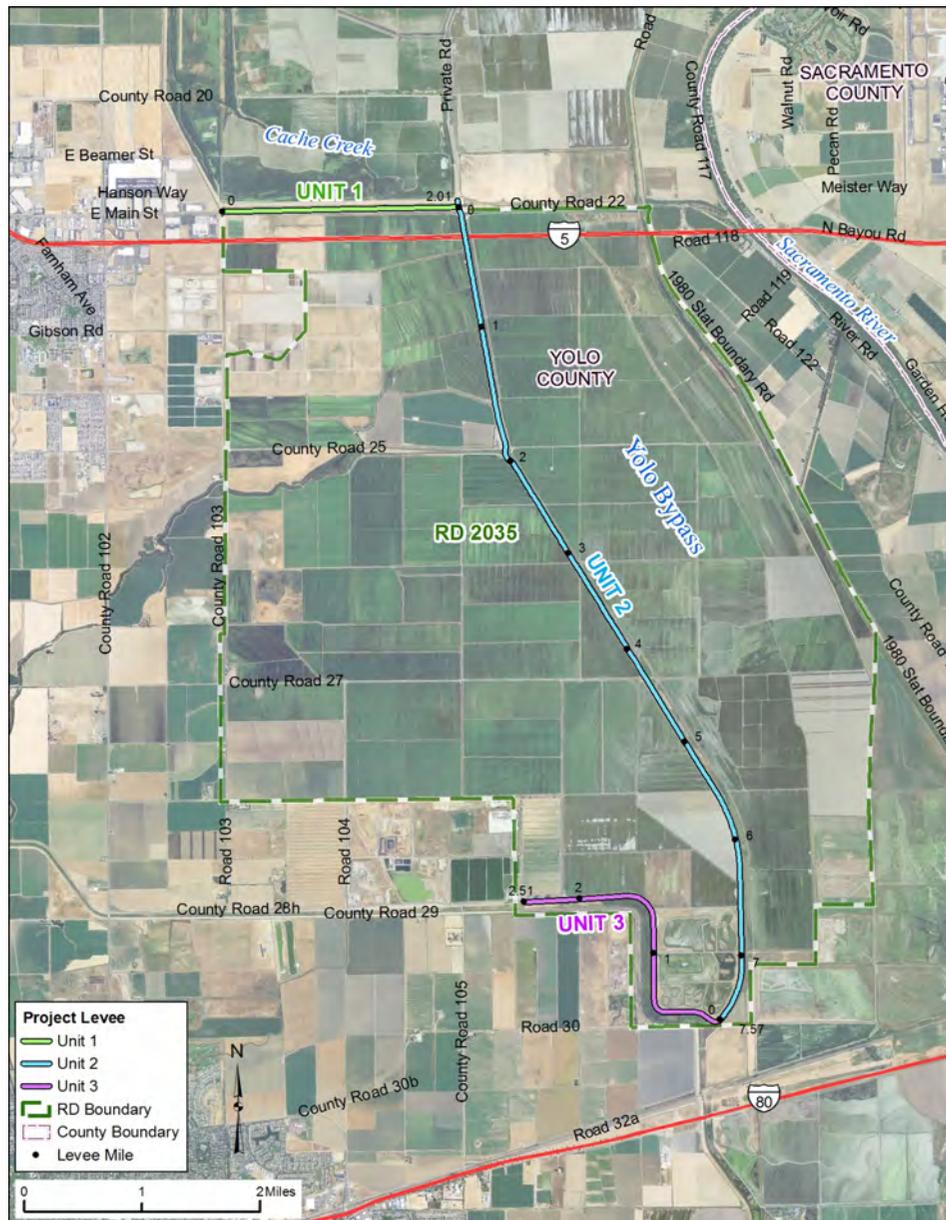
Reclamation District No. 2035 Conaway

Yolo County

Contact

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

RD 2035



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

DWR Levee Inspection Summary

RD2035	Total LMA Miles		12.09									
	Fall 2012				Fall 2013				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					0.29		0.29	2.40	0.29		0.29	2.40
<i>Supplemental</i>												
USACE Erosion Survey	1.27		1.27	10.51	1.27		1.27	10.51	0.00			0.00
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	1.27	0.00	1.27	10.51	1.56	0.00	1.56	12.90	0.29	0.00	0.29	2.40

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

Unit No. 02 Yolo Bypass, RB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
YOL_0-1_R	0.00	0.28	0.36	eroding	M
YOL_1-2_R	0.00	1.19	1.23	eroding	M
YOL_2-0_R	0.00	1.97	2.01	eroding	M
YOL_2-3_R	0.00	2.25	2.58	eroding	M
YOL_2-8_R	0.00	2.76	3.23	eroding	M
YOL_4-2_R	0.00	4.06	4.37	eroding	M

USACE Inspection Ratings Summary

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

DWR Flood System Repair Project Summary

Unit No. 03 Willow Slough Bypass

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
297-10	Serious	Stability	1.4	1.75	Left	38.589544874	-121.645446567

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 provided by the Agency for Part 1.

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

No information provided by the Agency for Part 2.

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

No information provided by the Agency for Part 3.

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

No information provided by the Agency for Part 4.

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

No information provided by the Agency for Part 5.

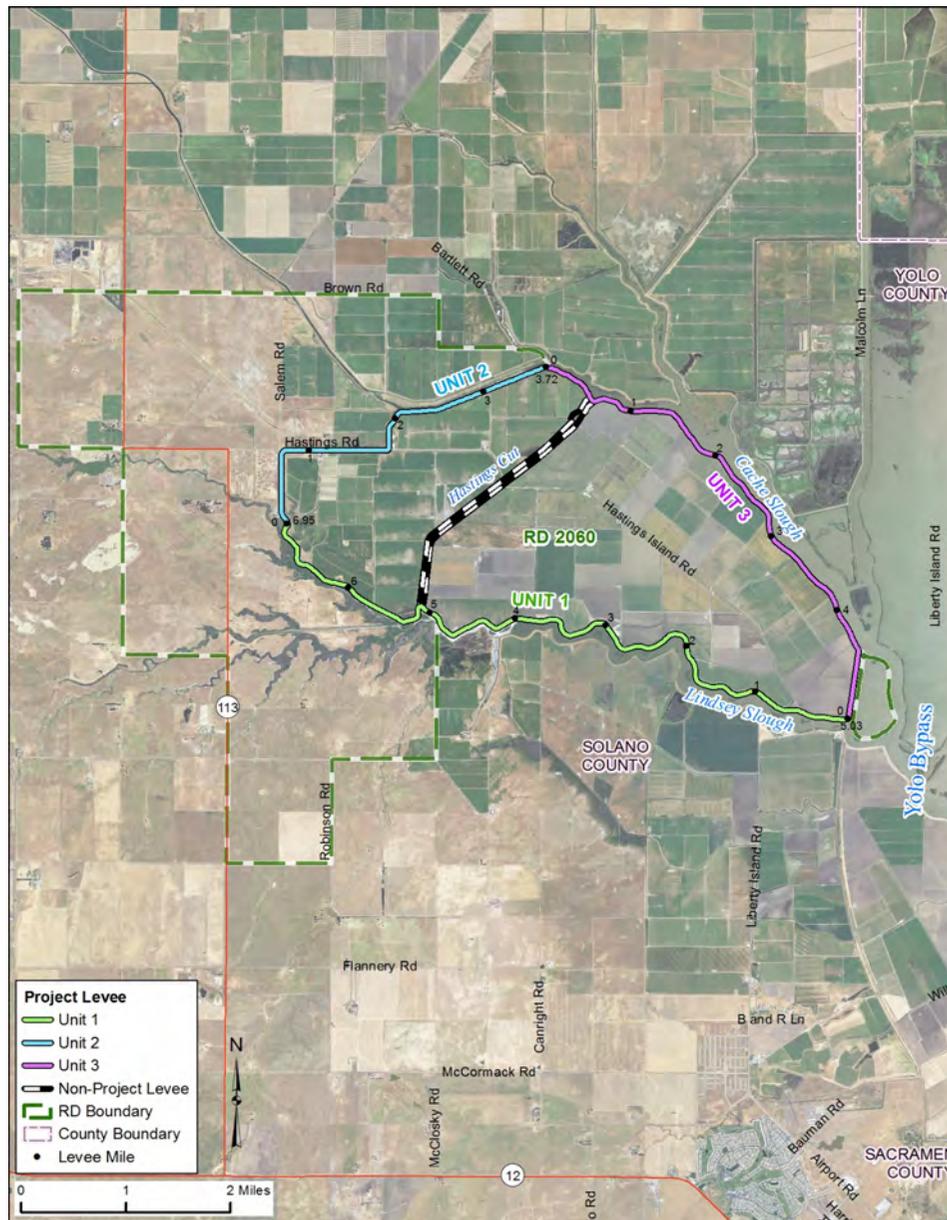
Reclamation District No. 2060 Hastings

Solano County

Contact

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

RD 2060



LMA 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.

DWR Levee Inspection Summary

Rated Item	Total LMA Miles		Fall 2012		Fall 2013				Change			
	15.67		Overall LMA Rating		Overall LMA Rating							
	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	0.05	0.01	0.09	0.57	0.04	0.01	0.08	0.51
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	0.66		0.66	4.21	0.66		0.66	4.21				0.00
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	0.95	0.00	0.95	6.06	0.72	0.01	0.76	4.85*	-0.23	0.01	-0.19	-1.21

* 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

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

Unit No. 01 Lindsey Slough, LB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
LDS_1-9_L	1.90	1.86	1.86	eroding	M
LDS_2-4_L	2.40	2.44	2.44	eroding	M

Unit No. 03 Cache Slough, RB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
CHS_23-6_R	23.60	1.55	1.70	eroding	M
CHS_23-0_R	23.00	2.02	2.08	eroding	M
CHS_22-8_R	22.80	2.18	2.23	eroding	M
CHS_22-6_R	22.60	2.38	2.54	eroding	M
CHS_21-1_R	21.10	3.78	4.00	eroding	M

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 2060 - Hastings Tract	15.62	Inactive	06/13/2013	U

DWR Flood System Repair Project Summary

Unit No. 01 Lindsey Slough

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
151-124	Serious	Erosion	1.52		Left	38.252408373	-121.722436768
DWR_RD2060_01_s_2012_4	Serious	Erosion	1.84	1.91	Left	38.2565351328	-121.724753486
151-130	Serious	Erosion	2.43	2.43	Left	38.257397915	-121.731979953
DWR_RD2060_01_s_2012_5	Serious	Erosion	2.43	2.45	Left	38.257224	-121.731953
151-137	Serious	Erosion	4.29	4.29	Left	38.261217602	-121.760404711

Unit No. 03 Cache Slough

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
314-263	Serious	Erosion	1.3	1.3	Right	38.290387981	-121.728218937
314-264	Serious	Erosion	1.31	1.31	Right	38.290371374	-121.72803611
DWR_RD2060_03_R_2012_01	Serious	Erosion	1.42		Right	38.28954	-121.72643
314-105	Serious	Erosion	1.53	1.53	Right	38.288304882	-121.725229753
314-270	Serious	Erosion	1.68	1.68	Right	38.286559998	-121.723589104
314-232	Serious	Erosion	2.01	2.07	Right	38.283286769	-121.718116603
DWR_RD2060_03_s_2012_5	Serious	Erosion	2.01	2.07	Right	38.2833024252	-121.717814093
314-110	Serious	Stability	2.05	2.05	Right	38.283536335	-121.718303377
DWR_RD2060_03_s_2012_8	Serious	Erosion	2.18	2.23	Right	38.2821001033	-121.716817232
314-119	Serious	Erosion	3.59	3.59	Right	38.266314917	-121.701502011
DWR_RD2060_03_s_2012_11	Serious	Erosion	3.78	4.00	Right	38.2645853974	-121.698867719
314-238	Serious	Erosion	4.24	4.24	Right	38.258429524	-121.695443254

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 there is no new relevant information on the condition or performance of the Project 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 that there is no new relevant information on impairments or compromising conditions..

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

The Agency provided a summary of maintenance activities accomplished for Levee Units 1, 2, and 3 and the locations of these activities. Activities include levee crown roadway maintenance, slope dragging, and vegetation control.

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

The Agency provided a summary of expenses and maintenance activities for all levee units. Expenses include costs of erosion repair, inspection, roadway maintenance, slope dragging, and vegetation burning, grazing and mowing. The reported total estimated cost for the fiscal year is \$147,000.

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

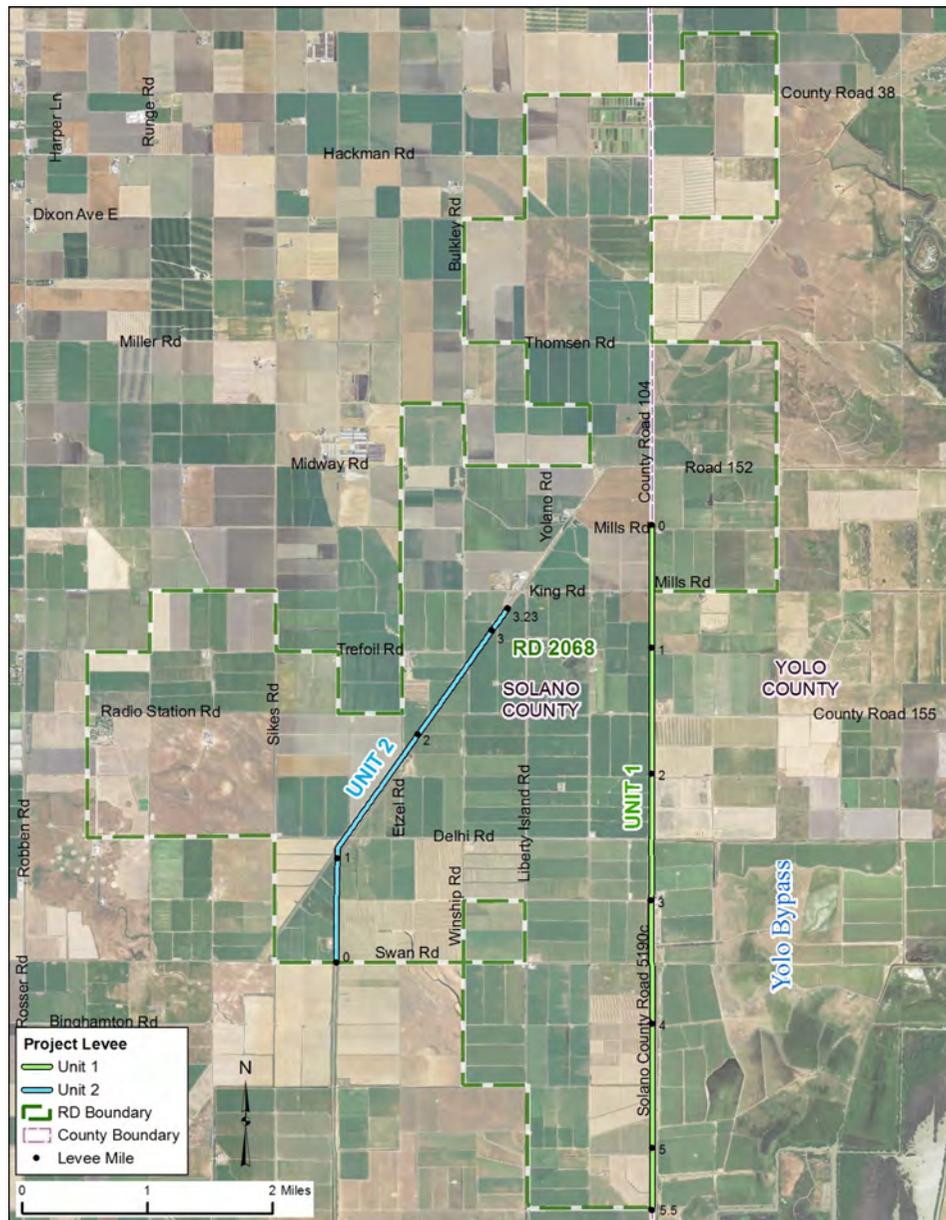
The Agency reported that there is no new additional information that is relevant to the condition or performance of the Project levee.

Reclamation District No. 2068 Yolano

Solano County

Contact

Cliff Detar
President
District Office
7178 Yolano Road
Dixon CA 95620
Phone: (707) 678-5412



LMA Short Name : RD2068		Bank	Unit Length (Miles)
Unit No. 01	Yolo Bypass	RB	5.50
Unit No. 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.

DWR Levee Inspection Summary

RD2068	Total LMA Miles		8.73									
	Fall 2012				Fall 2013				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>Supplemental</i>												
DWR UCIP Field Study												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

RD 2068

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 2068 and RD 2098 - Yolano-Cache Slough	19.68	Inactive	06/13/2013	U

DWR Flood System Repair Project Summary

Unit No. 01 Yolo Bypass

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
152-5	Serious	Seepage	2.54	2.54	Right	38.371874326	-121.693948297
152-42	Serious	Seepage	2.68	2.68	Right	38.369851476	-121.693949715
152-28	Serious	Seepage	2.68	2.68	Right	38.369851476	-121.693949715

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 there is no new relevant information on the condition or performance of the Project 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 that there is no new relevant information on impairments or compromising conditions..

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

The Agency provided a summary of maintenance activities accomplished. Activities include levee crown roadway, gate repair, daily inspection, 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 levee crown roadway, gate repair, daily inspection, and vegetation control. The reported total estimated cost for the current fiscal year is \$34,000.

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

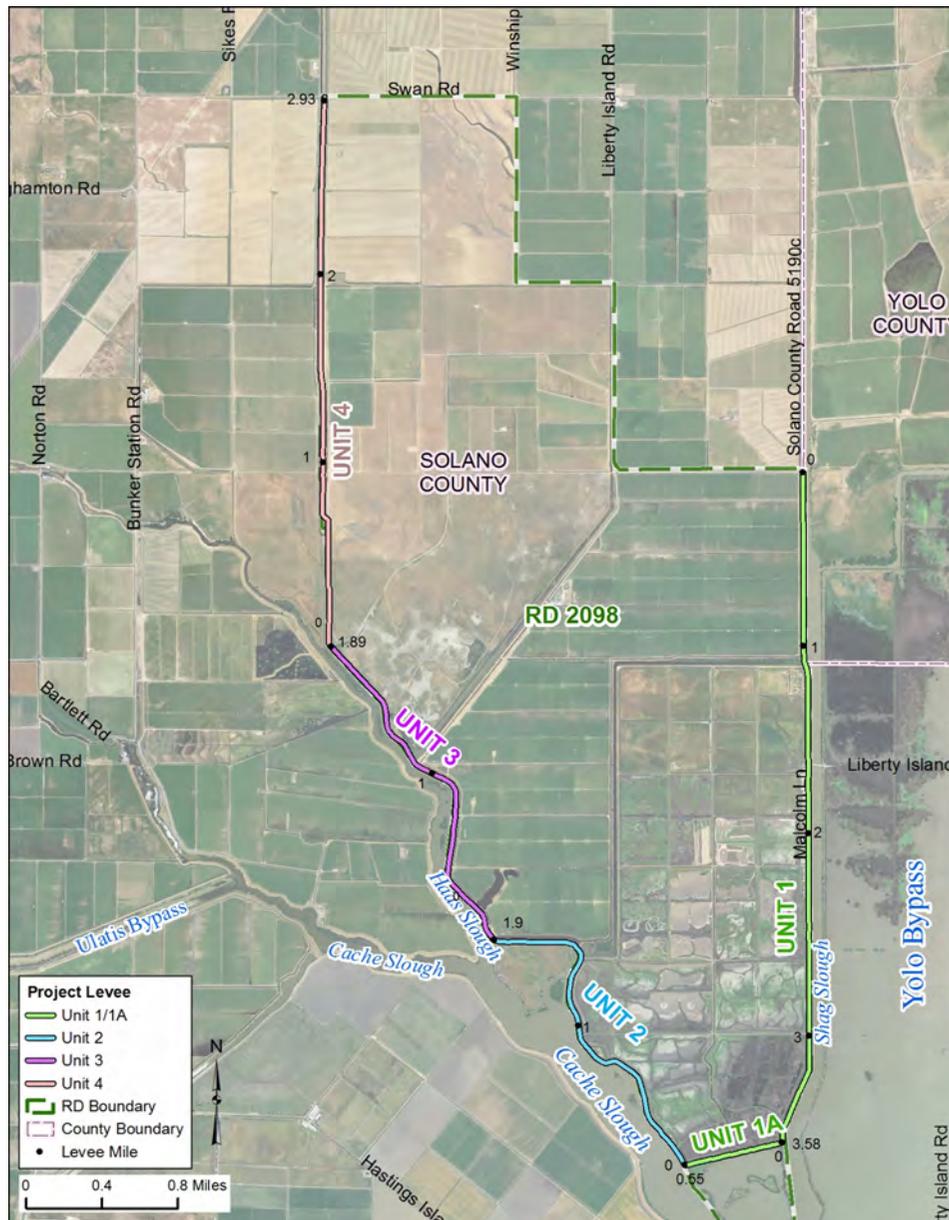
The Agency reported that there is no new additional information that is relevant to the condition or performance of the Project levee.

Reclamation District No. 2098 Cache and Haas Slough

Solano County

Contact

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



LMA 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

Threat Assessment & Recommendations

- The LMA should focus more on controlling vegetation to maintain visibility and access.
- The LMA should ensure that the capacity of the channel as designed and constructed is maintained.

DWR Levee Inspection Summary

Rated Item	Total LMA Miles		Fall 2012		Fall 2013				Change			
	10.96		A		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	0.01		0.01	0.09	0.68		0.68	6.20	0.67		0.67	6.11
Slope Stability					0.29		0.29	2.65	0.29		0.29	2.65
Erosion / Bank Caving	0.04		0.04	0.37	0.04		0.04	0.37				0.00
Repair Gates					0.02	0.01	0.06	0.55	0.02	0.01	0.06	0.55
<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
<i>LMA Totals:</i>	0.30	0.00	0.30	2.74	1.05	0.01	1.09	9.95*	0.75	0.01	0.79	7.21

* 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 2098

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

Unit No. 03 Haas Slough, RB

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

Unit No. 04 Back Levee, LB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
HAS_9-7_L	0.00	9.44	9.44	eroding	M

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 2068 and RD 2098 - Yolano-Cache Slough	19.68	Inactive	06/13/2013	U

DWR Flood System Repair Project Summary

Unit No. 01 Yolo Bypass

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
DWR_RD2098_01_s_2012_12	Critical	Erosion	3.09	3.09	Right	38.283868	-121.693627

Unit No. 02 Cache Slough

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
313-14	Critical	Stability	5.9	5.9	Left	38.283037415	-121.711073483

Unit No. 04 Back Levee

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
DWR_RD2098_04_s_2012_4	Serious	Stability	9.46	9.46	Left	38.3202396672	-121.740183314
249-3	Serious	Stability	9.53	9.53	Left	38.321128091	-121.740147913

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 there is no new relevant information on the condition or performance of the Project 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 that there is no new relevant information on impairments or compromising conditions.

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

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

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

The Agency provided a summary of expenses and maintenance activities planned for all levee units. Expenses include the cost of erosion repair, gate and signage maintenance, inspection and patrols, road improvement and maintenance, and vegetation control. The reported total estimated cost for the current fiscal year is \$76,500.

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 there is no new additional information that is relevant to the condition or performance of the Project levee.

Reclamation District No. 2103

Wheatland Vicinity

Placer County
Yuba County

Contact

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



LMA 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 enhance its rodent control program.
- The LMA should focus more on controlling vegetation to maintain visibility and access.

DWR Levee Inspection Summary

Rated Item	Total LMA Miles		9.77		Fall 2012				Fall 2013				Change			
	Overall LMA Rating				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. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>																
Vegetation					0.09	0.01	0.13	1.33	0.09	0.01	0.13	1.33				
Trim / Thin Trees					0.01		0.01	0.10	0.01		0.01	0.10				
Animal Control						0.01	0.04	0.41		0.01	0.04	0.41				
Crown Surface / Depressions / Rutting					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								0.00
<i>LMA Totals:</i>	0.10	0.00	0.10	1.02	0.21	0.02	0.29	2.97*	0.11	0.02	0.19	1.94				

* 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 2103

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE 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	N/A
RD 2103 - Grasshopper Slough	1.07	Active	N/A	N/A

DWR Flood System Repair Project Summary

No POI Repair Sites.

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 beaver dams in the low flow channel in South Dry Creek and suspected the presence of beaver dens in the levee slope at Levee Unit 1. The Agency stated that excess channel vegetation and sediment accumulation in the river reaches of Levee Units 1 and 2 have led to increased floodway elevations and reduced channel capacity. The Agency also reported that all weather patrol road on Levee Unit 1 requires additional gravel and stated that the Agency is placing gravel on portions of levee each year as budget allows.

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 also stated that the Bear River Levee Rehabilitation Project completed in 2009 has corrected all known deficiencies including erosion 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 include broken gate replacement, high water monitoring, rodent and vegetation control. The reported total expenses in the previous fiscal year was \$35,200. The Agency also reported of installing data loggers in all eight monitoring wells at the cost of \$30,000.

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 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 \$41,000.

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 passing of Proposition 218 in July 2010 to increase local funding for OMRR&R of the improved levee by up to \$64,000 per year. The Agency also reported of submitting the Construction Documentation Report, Addendum to Supplemental Operation and Maintenance Manual, and Project Completion Reports to DWR and USACE in 2010.

Reclamation District No. 2104 Peters Pocket Tract

RD 2104

Solano County

Contact

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



LMA 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.

DWR Levee Inspection Summary

Rated Item	Total LMA Miles		7.40									
	Fall 2012				Fall 2013				Change			
	Overall LMA Rating				Overall LMA Rating							
	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	15.85	1.60	22.25	300.68	21.76	9.98	61.68	833.51	5.91	8.38	39.43	532.84
Trim / Thin Trees	0.05		0.05	0.68	0.05		0.05	0.68				0.00
Encroachments	0.01		0.01	0.14	0.01		0.01	0.14				0.00
Animal Control						0.01	0.04	0.54		0.01	0.04	0.54
Slope Stability					0.03	0.01	0.07	0.95	0.03	0.01	0.07	0.95
Erosion / Bank Caving	0.06		0.06	0.81	0.15		0.15	2.03	0.09		0.09	1.22
Cracking					0.04		0.04	0.54	0.04		0.04	0.54
Crown Surface / Depressions / Rutting	10.35	6.00	34.35	464.19	10.76		10.76	145.41	0.41	-6.00	-23.59	-318.78
Repair Gates					0.03		0.03	0.41	0.03		0.03	0.41
Operations & Maintenance Manuals	0.07		0.07	0.95	0.07		0.07	0.95				0.00
Emergency Supplies & Equipment	0.07		0.07	0.95	0.07		0.07	0.95				0.00
Flood Preparedness & Training	0.07		0.07	0.95	0.07		0.07	0.95				0.00
<i>LMA Totals:</i>	26.54	7.60	56.94	769.46	33.05	10.00	73.05	987.16	6.51	2.40	16.11	217.70

RD 2104

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Inspection Ratings Summary

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

DWR Flood System Repair Project Summary

No POI Repair Sites.

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 2013 Levee Inspection Report. The Spring 2013 Inspection Report provided an unacceptable rating for crown surface depression (LM 1.4-7.4) and 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 reported that there is no information on impairments or compromising conditions.

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

The Agency provided a summary of maintenance activities performed for all levee units. Activities include grazing, mowing and cleaning of levees and tree trimming.

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

The Agency provided a summary of expenses and maintenance activities 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-\$1000.

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

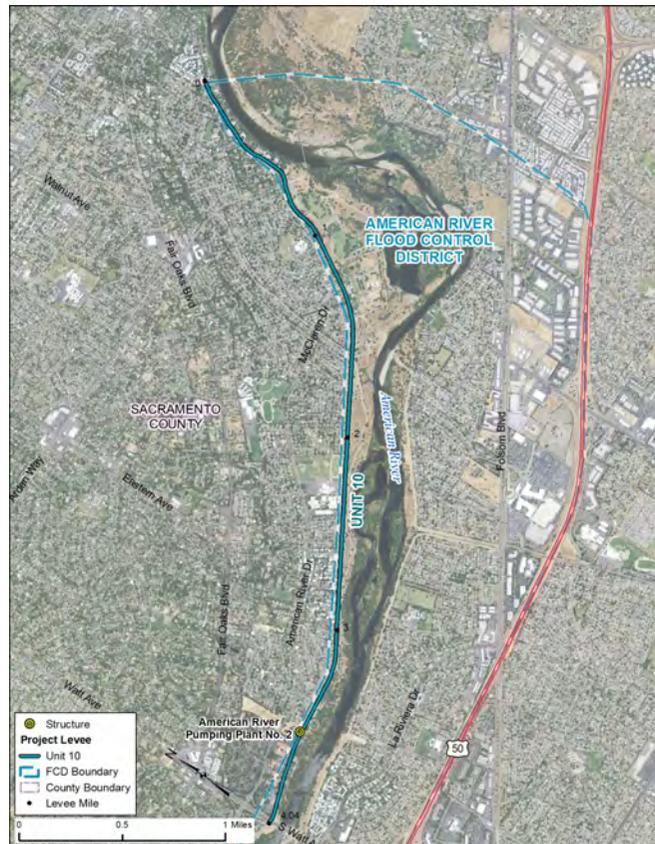
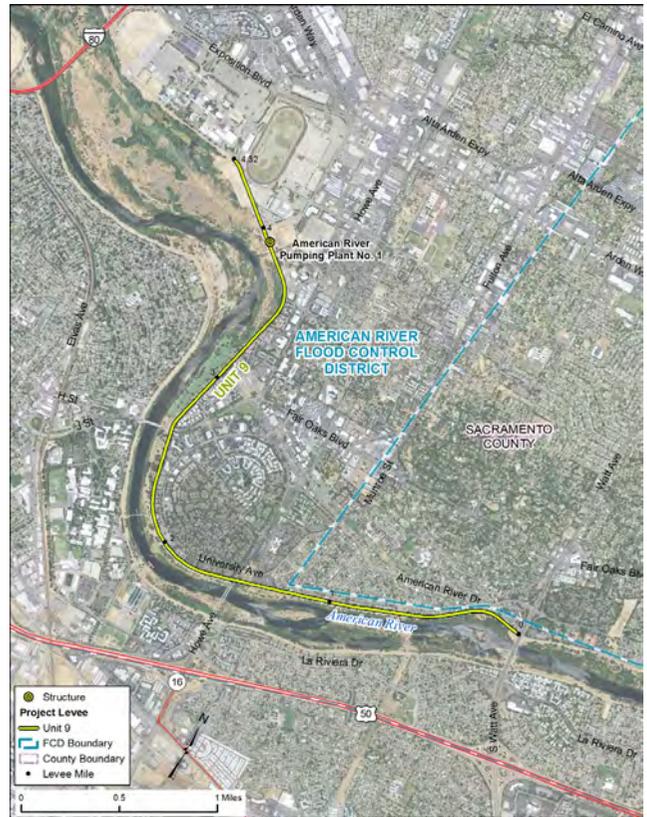
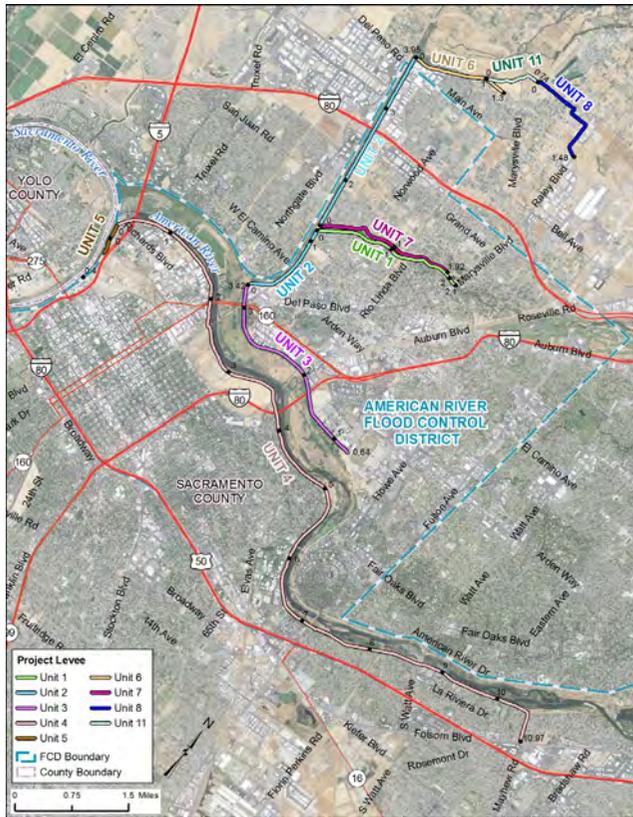
The Agency reported that there is no new additional information that is relevant to the condition or performance of the Project levee.

American River Flood Control District

Sacramento County

Contact

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



LMA Short Name : NA0001

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
Unit No. 11	New Linda Creek	LB	0.73

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.

DWR Levee Inspection Summary

NA0001	Total LMA Miles		33.24									
	Fall 2012				Fall 2013				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	0.06		0.06	0.19	0.08		0.08	0.24	0.02		0.02	0.06
Trim / Thin Trees					0.01		0.01	0.03	0.01		0.01	0.03
Encroachments	0.20		0.20	0.62	0.05		0.05	0.15	-0.15		-0.15	-0.47
Animal Control	0.20		0.20	0.62	0.04		0.04	0.12	-0.16		-0.16	-0.50
Slope Stability	0.01		0.01	0.03	0.05		0.05	0.15	0.04		0.04	0.12
Erosion / Bank Caving	0.03		0.03	0.09	0.01		0.01	0.03	-0.02		-0.02	-0.06
<i>Supplemental</i>												
USACE Erosion Survey	0.01		0.01	0.03	0.01		0.01	0.03				0.00
<i>LMA Totals:</i>	0.51	0.00	0.51	1.57	0.25	0.00	0.25	0.75	-0.26	0.00	-0.26	-0.82

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

Unit No. 04 American River, LB

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

USACE 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
MA 09 - City of Sacramento - American R left bank	35.27	Inactive	08/21/2012	U

DWR Flood System Repair Project Summary

No POI Repair Sites.

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 provided by the Agency for Part 1.

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

No information provided by the Agency for Part 2.

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

The Agency provided a summary of maintenance activities performed for Levee Units 1, 2, 3, 4, 6, 7, 8, and 9. Activities include encroachment control, gate maintenance and repair, minor erosion areas identification and repair, rodent baiting and grouting, routine levee inspections, tree removal, and vegetation control. The Agency also provided action taken on inspection items listed by DWR in the inspection report. The action taken include corrected issues for animal control, 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 planned maintenance activities for all levee units. Expenses include costs of encroachment control, gate maintenance and repair, minor erosion areas identification and repair, mitigation plantings, road restoration, rodent baiting and grouting, routine levee inspection, tree removal, and vegetation control. The reported total estimated cost for the current fiscal year for all levee units is \$1,640,436.

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

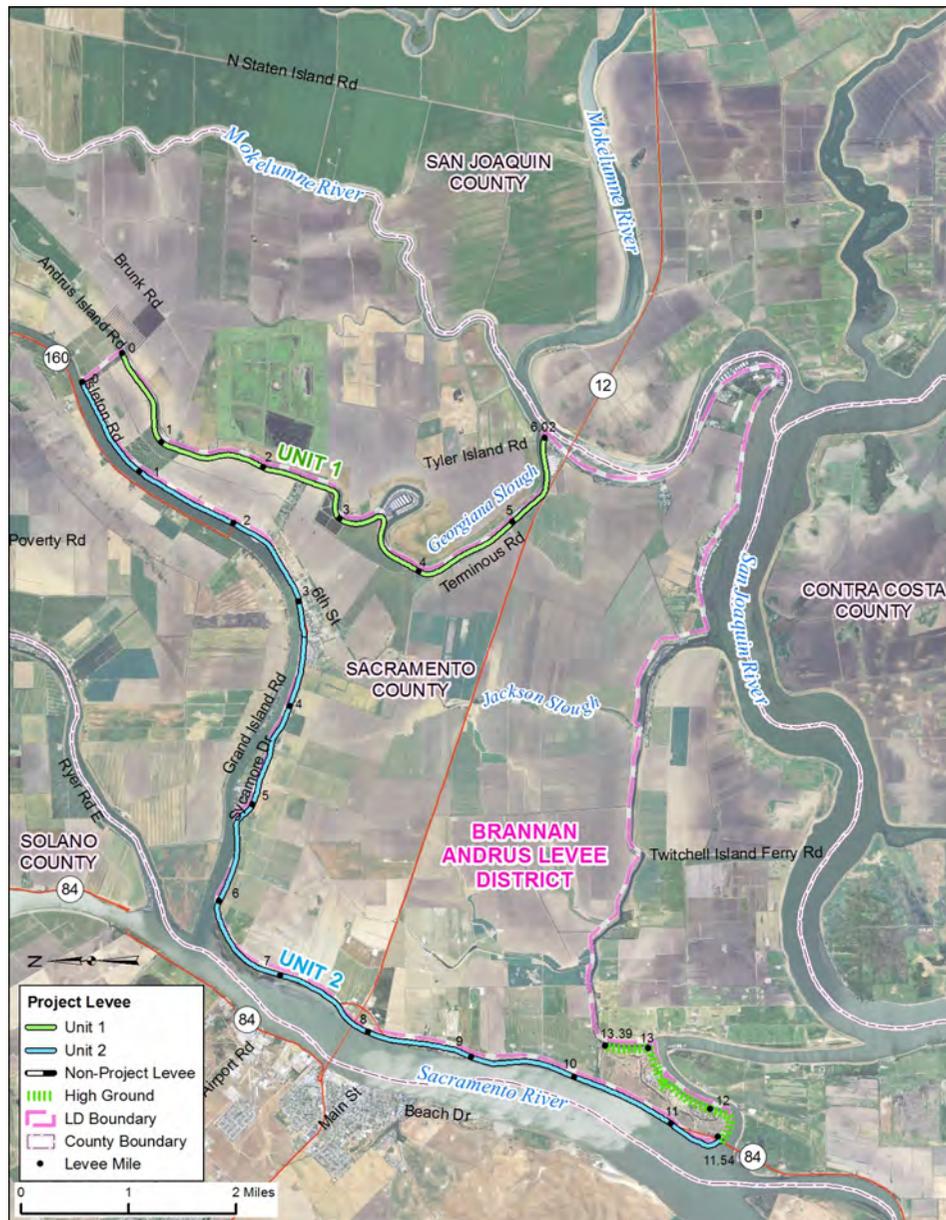
No information provided by the Agency for Part 5.

Brannan Andrus Levee Maintenance District

Solano County

Contact

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



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

DWR Levee Inspection Summary

NA0002	Total LMA Miles		19.32									
	Fall 2012				Fall 2013				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	0.41		0.41	2.12	0.30	0.02	0.38	1.97	-0.11	0.02	-0.03	-0.16
Trim / Thin Trees	0.61		0.61	3.16	0.61	0.45	2.41	12.47		0.45	1.80	9.32
Encroachments	0.03		0.03	0.16	0.05	0.01	0.09	0.47	0.02	0.01	0.06	0.31
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				0.00
<i>Supplemental</i>												
USACE Erosion Survey	0.60	0.50	2.60	13.46	0.60	0.50	2.60	13.46				0.00
<i>LMA Totals:</i>	1.85	0.50	3.85	19.93	1.76	0.98	5.68	29.40	-0.09	0.48	1.83	9.47

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

Unit No. 02 Sacramento River, LB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
SAC_18-1_L	18.10	2.59	2.63	eroding	M
SAC_18-0_L	18.00	2.66	2.74	eroding	M
SAC_17-2_L	17.20	3.40	3.57	critical	U
SAC_16-8_L	16.80	3.61	3.72	critical	U
SAC_15-0_L	15.00	5.68	5.73	eroding	M
SAC_13-6_L	13.60	6.97	7.03	eroding	M
SAC_12-1_L	12.10	8.26	8.50	eroding	M
SAC_11-2_L	11.20	8.95	9.17	critical	U
SAC_10-8_L	10.80	9.85	9.98	eroding	M

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Brannan-Andrus LMD - RD 0556	27.48	Inactive	03/26/2013	U

DWR Flood System Repair Project Summary

Unit No. 01 Georgiana Slough

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
40-2014	Serious	Stability	1.5	1.5	Right	38.173806463	-121.580854373
USACE_CESPK_BRN1_2011_p_0301	Serious	Stability	1.892	1.82	Right	38.16838	-121.58236

Unit No. 02 Sacramento River

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
DWR_NA0002_02_s_2012_18	Serious	Erosion	2.66	2.74	Left	38.1653033454	-121.600476964
USACE_CESPK_BRN2_2011_p_0160	Serious	Erosion	2.703	2.74	Left	38.16495	-121.60092
DWR_NA0002_02_R_2012_01	Serious	Erosion	3.14		Left	38.16272	-121.60838
DWR_NA0002_02_s_2012_19	Serious	Erosion	3.32	3.49	Left	38.162640585	-121.612800399
DWR_NA0002_02_s_2012_20	Serious	Erosion	3.62	3.70	Left	38.1629586708	-121.617322572
DWR_NA0002_02_s_2012_21	Serious	Erosion	5.68	5.71	Left	38.1725795821	-121.651820999
USACE_CESPK_BRN2_2011_p_0392	Serious	Erosion	5.793		Left	38.173	-121.65374
USACE_CESPK_BRN2_2011_p_0395	Serious	Erosion	5.822		Left	38.17317	-121.65424
USACE_CESPK_BRN2_2011_p_0402	Serious	Erosion	6.067		Left	38.17472	-121.65829
DWR_NA0002_02_s_2012_23	Serious	Erosion	7.01	7.04	Left	38.16599	-121.67077

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 waterside erosions at Levee Unit 2, LM 2.72, 3.1, 3.4, and 5.7 and pointed out a need for revetment repairs. The Agency also reported revetment loss at Levee Unit 2 at LM 2.72 and 5.7. The Agency also provided report on non-Project levees maintained by the District. The Agency reported slope seepage affected by the higher tides at Levee Unit 3, LM 1.0 and 1.5. The Agency also reported waterside erosion at Levee Unit 4, LM 5.2 and crown subsidence at LM 4.85.

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

The Agency provided report on non-Project levees maintained by the District. The Agency reported slope stability issues at Levee Unit 4, LM 4.85 and 5.2. The Agency also reported crown subsidence at Levee Unit 3, Station 155+00 to 175+00.

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

The Agency provided a summary of maintenance activities accomplished for all levee units. Activities include management and professional services, patrol road construction, seepage control, rodent baiting, vegetation mowing, grazing, spraying and trimming.

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

The Agency provided a summary of expenses and maintenance activities for all levee units. Expenses include costs of general maintenance, management and professional services, rodent control, seepage control, vegetation mowing, grazing, and trimming. The reported total estimated cost for the current fiscal year is \$1,519,000.

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

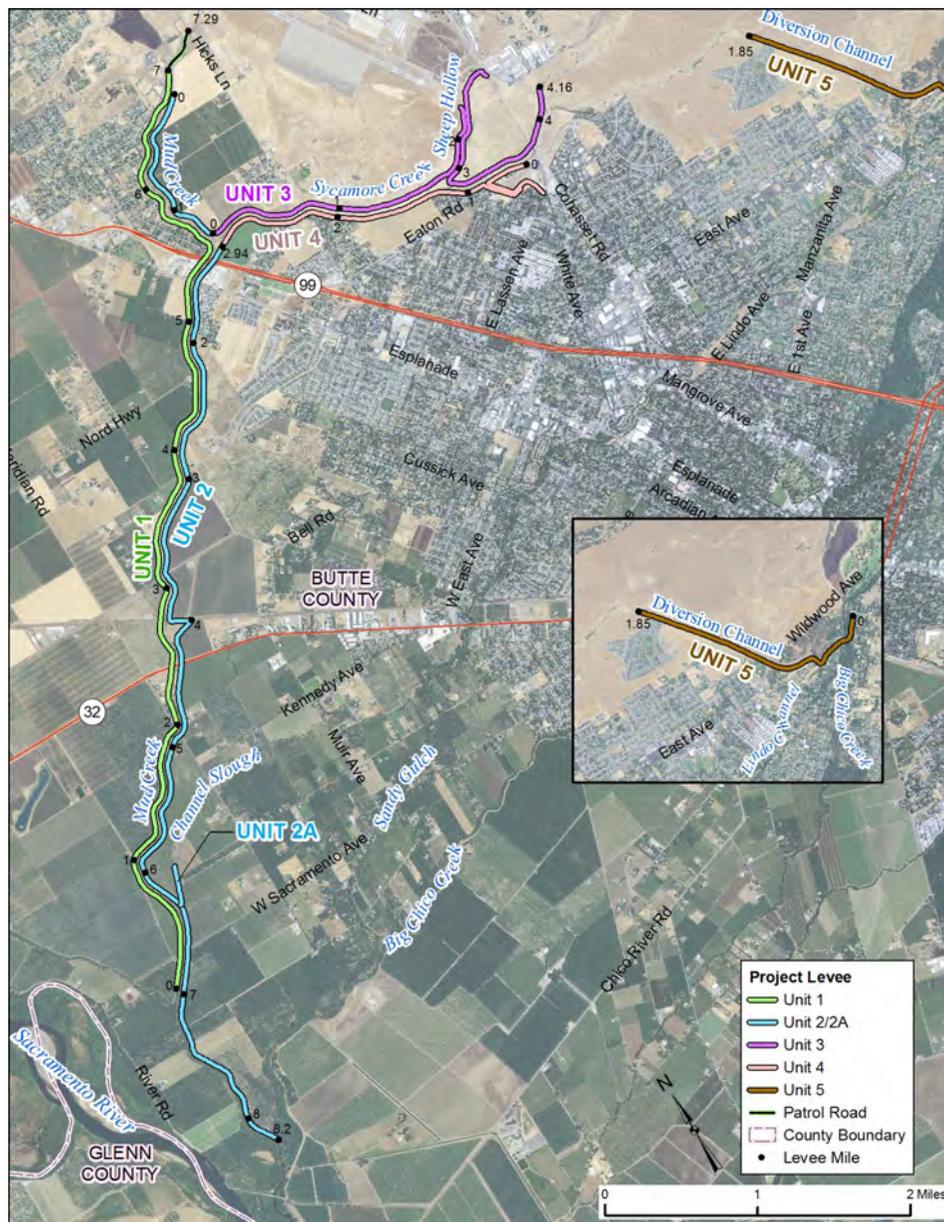
The Agency reported that there is no new additional information that is relevant to the condition or performance of the Project levee.

Butte County Public Works Department

Butte County

Contact

Mike Crump
Director
Agency Office
7 County Center Drive
Oroville CA 95965-3397
Phone: (530) 538-7681



LMA 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		24.71									
	Fall 2012				Fall 2013				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					0.08		0.08	0.32	0.08		0.08	0.32
Encroachments	0.05		0.05	0.20	0.05		0.05	0.20				0.00
Animal Control					0.01		0.01	0.04	0.01		0.01	0.04
Slope Stability	0.01		0.01	0.04	0.01		0.01	0.04				0.00
<i>Supplemental</i>												
USACE Erosion Survey	0.05		0.05	0.20	0.05		0.05	0.20				0.00
<i>LMA Totals:</i>	0.11	0.00	0.11	0.45	0.20	0.00	0.20	0.81	0.09	0.00	0.09	0.36

DWR Structure Inspection Summary

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

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

Unit No. 01 Mud Creek, RB

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

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Chico Creek-Mud Creek - Unit 1	6.80	Inactive	09/30/2012	U
Chico Creek-Mud Creek - Unit 3 east, Sycamore rt	1.87	Inactive	09/30/2012	U
Chico Creek-Mud Creek - Unit 4 east, Sycamore left	0.71	Inactive	09/30/2012	U
Chico Creek-Mud Creek - Unit 5, diversion levee	1.80	Inactive	09/30/2012	U
Chico Creek-Mud Creek - Units 2 north and 3	3.35	Inactive	09/30/2012	U
Chico Creek-Mud Creek - Units 2 south and 4	9.23	Inactive	09/30/2012	U

DWR Flood System Repair Project Summary

Unit No. 02 Mud Creek

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
USACE_CESPK_CM2A_2010_p_0075	Serious	Stability	5.73	6.05	Left	39.738901	-121.930170

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 mentioned that ongoing sediment accumulation is reducing system capacity.

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

The Agency reported normal levee and structure maintenance operations for entire Sycamore Creek, Mud Creek, and Sandy Gulch system are in compliance with Standard Operation and Maintenance Manuals. The Agency reported cost to operate and maintain the 24.74 miles of levee was \$120,228.

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
Fish Habitat Supervisor
1760 Bidwell Street
Red Bluff CA 96080
Phone: (530) 528-9406



LMA 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.
- The LMA should focus more on controlling woody vegetation.

DWR Levee Inspection Summary

Rated Item	Total LMA Miles		0.30		Fall 2012				Fall 2013				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	0.22		0.22	73.33	0.50		0.50	166.67	0.28		0.28	93.33				
Trim / Thin Trees	0.14		0.14	46.67	0.14		0.14	46.67				0.00				
Animal Control					0.06		0.06	20.00	0.06		0.06	20.00				
Flood Preparedness & Training	0.00				0.01		0.01	3.33	0.01		0.01	3.33				
<i>LMA Totals:</i>	0.36	0.00	0.36	120.00	0.71	0.00	0.71	236.67	0.35	0.00	0.35	116.67				

Shea Levee

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

No Supplemental Erosion Sites.

DWR Flood System Repair Project Summary

No POI Repair Sites.

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 activity took place during this reporting period.

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 activity took place during this reporting period.

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

The Agency reported no activity took place during this reporting period.

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 no activity took place during this reporting period.

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

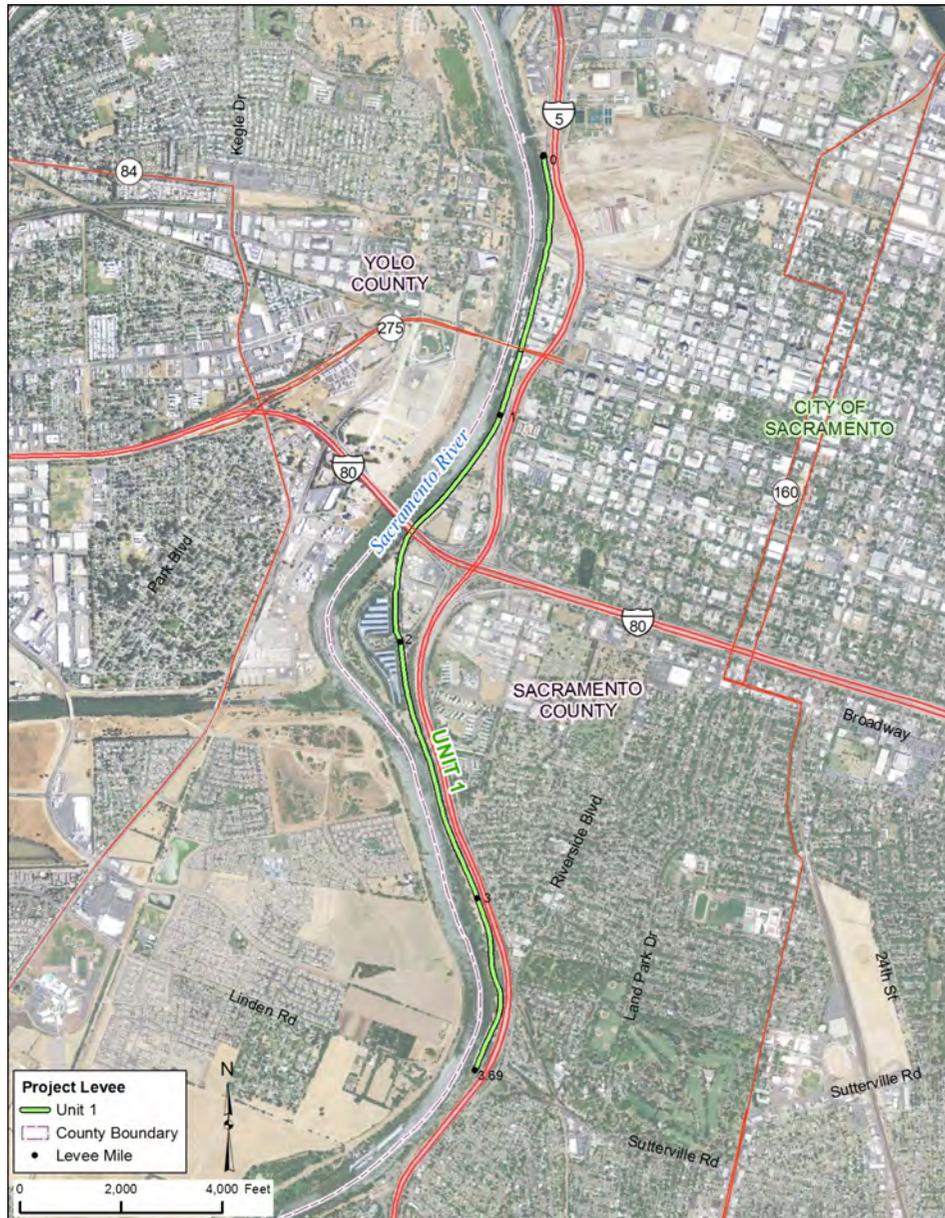
The Agency reported no activity took place during this reporting period.

City of Sacramento

Sacramento County

Contact

Dave Brent
Director
Department Of Utilities
5730 24th Street
Sacramento CA 95822
Phone: (916) 808-6955



LMA Short Name : NA0005		Bank	Unit Length (Miles)
Unit No. 01	City of Sacramento	LB	3.63

Threat Assessment & Recommendations

- The LMA should focus on repairing erosion sites.
- The LMA should continue to maintain the area at the high level seen during the last inspection.
- 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 2012				Fall 2013				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>Supplemental</i>												
USACE Erosion Survey	0.12		0.12	3.31	0.12		0.12	3.31				0.00
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	0.12	0.00	0.12	3.31	0.12	0.00	0.12	3.31	0.00	0.00	0.00	0.00

City of Sacramento

DWR Structure Inspection Summary

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

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

Unit No. 01 City of Sacramento, LB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
SAC_58-5_L	58.50	1.32	1.39	eroding	M
SAC_56-6_L	56.60	2.84	2.89	eroding	M

USACE 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 Flood System Repair Project Summary

No POI Repair Sites.

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, fence, landscaping, and museum at Levee Unit 1 and provided their locations. The Agency also reported erosion near the toe of levee mile 1.71 and concrete revetment consideration plans for erosion control work by USACE at levee mile 3.63.

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 provided a summary of maintenance activities accomplished. Activities include CCTV pipe condition assessment, cleaning, erosion repairing, fence repairing, grazing, inspections, mowing, rodent baiting and grouting, spraying, tree trimming, and tree removing.

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, levee patrolling, roadway maintenance, and rodent and vegetation control. The reported total estimated cost for the current fiscal year is \$350,000.

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 Letter of Intent is being finalized and this letter will be sent out to homeowners and businesses who are in violation. The Agency also stated that it is in process to finalize permits and Army Corps of Engineer's Memorandum of Understanding.

Eastern Honcut Creek

Yuba County

Contact

No Contact Information Available



LMA 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.

DWR Levee Inspection Summary

NA0006	Total LMA Miles		1.50									
	Fall 2012				Fall 2013				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
Operations & Maintenance Manuals	0.02		0.02	1.33	0.02		0.02	1.33				0.00
Flood Preparedness & Training	0.02		0.02	1.33	0.02		0.02	1.33				0.00
<i>Supplemental</i>												
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	2.97	0.00	2.97	198.00	2.97	0.00	2.97	198.00	0.00	0.00	0.00	0.00

Honcut Creek

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Inspection Ratings Summary

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

DWR Flood System Repair Project Summary

No POI Repair Sites.

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 provided by the Agency for Part 1.

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

No information provided by the Agency for Part 2.

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

No information provided by the Agency for Part 3.

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

No information provided by the Agency for Part 4.

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

No information provided by the Agency for Part 5.

Knights Landing Ridge Drainage District

Knights
Landing

Yolo County

Contact

Lewis Bair
Manager
PO Box 50
Grimes CA 95950
Phone: (530) 437-2221



LMA 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

- 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 work with landowners and the CVFPB to control unauthorized encroachments.

DWR Levee Inspection Summary

Rated Item	Total LMA Miles		Fall 2012		Fall 2013				Change			
	12.57		A		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	0.01		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
Erosion / Bank Caving					0.01	0.02	0.09	0.72	0.01	0.02	0.09	0.72
Cracking	0.01		0.01	0.08	0.02	0.03	0.14	1.11	0.01	0.03	0.13	1.03
<i>Supplemental</i>												
USACE Erosion Survey	0.07		0.07	0.56	0.07		0.07	0.56				0.00
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	0.34	0.00	0.34	2.71	0.34	0.05	0.54	4.30*	0.00	0.05	0.20	1.59

* 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.

Knights Landing

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

Unit No. 01 Knights Landing Ridge Cut, RB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
KLR_3-5_R	0.00	3.36	3.36	eroding	M
KLR_3-9_R	0.00	3.88	3.88	eroding	M

Unit No. 02 Knights Landing Ridge Cut, LB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
KLR_3-0_L	0.00	2.72	2.72	eroding	M
KLR_3-1_L	0.00	3.01	3.01	eroding	M
KLR_3-7_L	0.00	3.61	3.61	eroding	M
KLR_4-7_L	0.00	4.35	4.35	eroding	M
KLR_5-8_L	0.00	5.37	5.37	eroding	M

USACE 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	N/A
Knights Landing U2 - Yolo Bypass - Service Area 6	15.19	Inactive	06/27/2013	U

DWR Flood System Repair Project Summary

Unit No. 01 Knights Landing Ridge Cut

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
DWR_NA0008_01_s_2012_2	Serious	Erosion	3.925	3.997	Left	38.7640369246	-121.701434489

Unit No. 02 Knights Landing Ridge Cut

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
217-6	Critical	Stability	2.5		Left	38.751766528	-121.692730539
DWR_NA0008_02_s_2012_2	Serious	Erosion	2.743	3.135	Left	38.754899	-121.692653
217-4	Serious	Erosion	3		Left	38.758506134	-121.69323437
DWR_NA0008_02_s_2012_3	Serious	Erosion	3.008	3.135	Left	38.7585867791	-121.693358909
217-3	Serious	Erosion	3.1		Left	38.759724672	-121.694178169
DWR_NA0008_02_s_2012_4	Serious	Erosion	3.634	3.761	Left	38.7655218748	-121.700608416
DWR_NA0008_02_s_2012_6	Serious	Erosion	5.446	6.030	Left	38.7865663842	-121.716724397

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 no impairments or compromising conditions were known at the time of this 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 reported that there is no new relevant information on impairments or compromising conditions.

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

The Agency provided a summary of maintenance activities accomplished for all the levee units. Activities include rodent baiting and monitoring, vegetation burning, clearing, mowing and spraying, and tree thinning and trimming. The Agency also provided action taken on inspection items listed by DWR in the inspection report. The action taken include corrected issues for encroachment and vegetation control. The Agency also provided the total maintenance cost for the previous fiscal year as \$7,659.

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 baiting and monitoring, vegetation burning, clearing, mowing and spraying, and tree thinning and trimming. The reported total estimated cost for the current fiscal year is \$30,000.

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

The Agency reported that there is no new additional information that is relevant to the condition or performance of the Project levee.

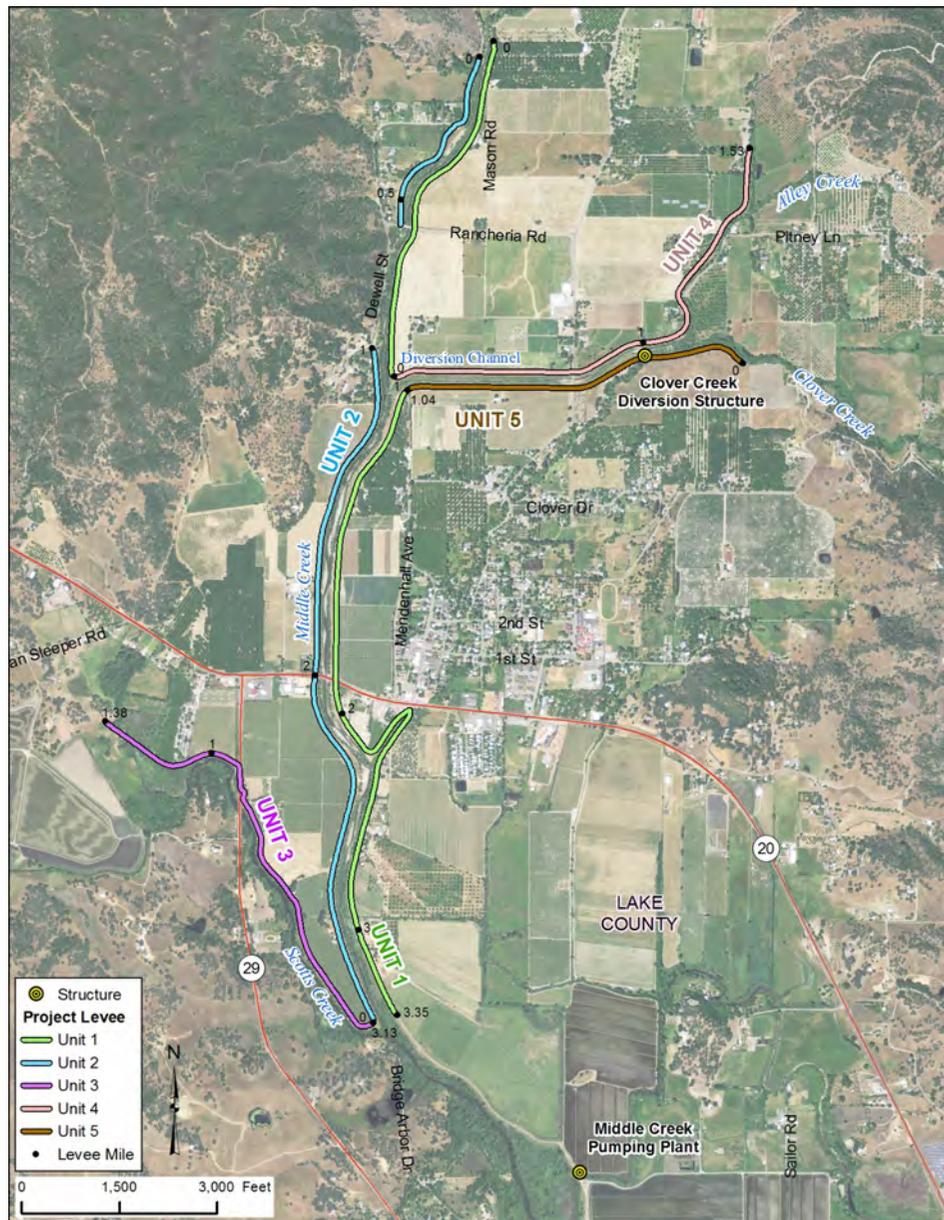
Lake County Watershed Protection District

Lake
County

Lake County

Contact

Scott De Leon
Director
Lake County Water Resources Department
255 North Forbes Street # 309
Lakeport CA 95453
Phone: (707) 263-2344



LMA 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 woody vegetation.
- 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.

DWR Levee Inspection Summary

NA0009	Total LMA Miles		10.47									
	Fall 2012				Fall 2013				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	0.27		0.27	2.58	0.22		0.22	2.10	-0.05		-0.05	-0.48
Trim / Thin Trees	0.13		0.13	1.24	0.34		0.34	3.25	0.21		0.21	2.01
Encroachments	0.01		0.01	0.10	0.01		0.01	0.10				0.00
Slope Stability	0.01		0.01	0.10	0.05		0.05	0.48	0.04		0.04	0.38
<i>LMA Totals:</i>	0.42	0.00	0.42	4.01	0.62	0.00	0.62	5.92	0.20	0.00	0.20	1.91

Lake County

DWR Structure Inspection Summary

Structure Name	Overall Rating
Clover Creek Diversion Structure	M

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Middle Creek left bank - Unit 1 north	2.56	Inactive	03/05/2013	U
Middle Creek left bank - Unit 5 and part of 1	2.34	Inactive	03/05/2013	U
Middle Creek right bank - Unit 2	3.44	Inactive	03/05/2013	U
Middle Creek right bank - Unit 2 north	0.58	Active	03/07/2013	M

DWR Flood System Repair Project Summary

No POI Repair Sites.

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 include staff inspection and maintenance and vegetation control. The reported total maintenance cost for selected activities in the previous fiscal year was \$58,666.

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 vegetation removal, inspection, 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.

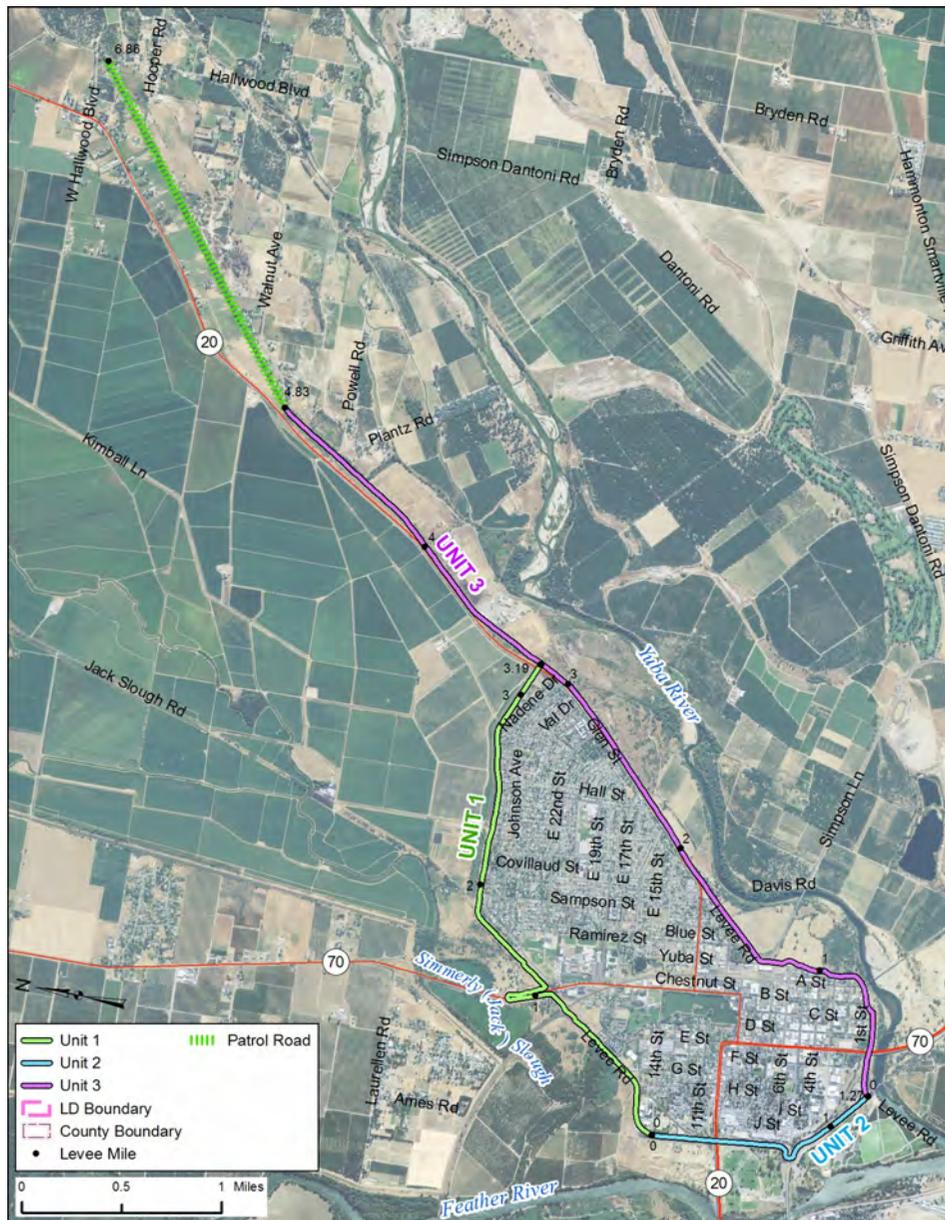
Marysville Levee Commission

Marysville
Levee

Yuba County

Contact

Pat Ajuira
President
PO Box 150
Marysville CA 95901
Phone: (530) 742-3734



LMA 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 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

NA0004	Total LMA Miles		11.38									
	Fall 2012				Fall 2013				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					0.07		0.07	0.62	0.07		0.07	0.62
Encroachments	1.29		1.29	11.34					-1.29		-1.29	-11.34
Operations & Maintenance Manuals					0.11		0.11	0.97	0.11		0.11	0.97
<i>Supplemental</i>												
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	1.29	0.00	1.29	11.34	0.18	0.00	0.18	1.58	-1.11	0.00	-1.11	-9.75

Marysville
Levee

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
City of Marysville - Unit 3, NE extension	1.83	Inactive	09/30/2012	U
City of Marysville - Units 1, 2, and 3	7.43	Active	12/17/2010	M

DWR Flood System Repair Project Summary

No POI Repair Sites.

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 provided by the Agency for Part 1.

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

No information provided by the Agency for Part 2.

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

The Agency provided action taken on inspection items listed by DWR in the inspection report. The action taken include corrected for slope stability.

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

No information provided by the Agency for Part 4.

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

No information provided by the Agency for Part 5.

Plumas County

Plumas
County

Plumas County

Contact

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



LMA 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 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 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 2012				Fall 2013				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				0.00
Slope Stability	0.04	0.16	0.68	21.12	0.06		0.06	1.86	0.02	-0.16	-0.62	-19.26
<i>LMA Totals:</i>	1.24	0.16	1.88	58.39	1.26	0.00	1.26	39.13	0.02	-0.16	-0.62	-19.26

DWR Structure Inspection Summary

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

Plumas County

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE 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 Flood System Repair Project Summary

No POI Repair Sites.

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 provided by the Agency for Part 1.

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

No information provided by the Agency for Part 2.

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

The Agency provided action taken on inspection items listed by DWR in the inspection report. The action taken includes work in progress for crown slope stability at LM 0.55 and 1.27 to 1.43, encroachment at LM 0.68, and vegetation control at LM 1.79 of Levee Unit 1.

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

No information provided by the Agency for Part 4.

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

The Agency reported that superditch has protected the area during the last two decades' major flood events without any problems.

Sacramento County Structures

Sacramento County

Contact

Michael L. Peterson
Director
Department of Water Resources
827 7th Street Room 301
Sacramento CA 95814
Phone: (916) 874-8913

Sacramento
County

No Map Available

LMA 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. 1 Howe Avenue Storm Drain D - 05	A
American River Pumping Plant No. 2 Willhaggin Storm Drain D - 43	A

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

No Supplemental Erosion Sites.

Sacramento
County

DWR Flood System Repair Project Summary

No POI Repair Sites.

DWR Summary of Local Maintaining Agency Report

No Reporting by this District.

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Sacramento River West Side Levee District

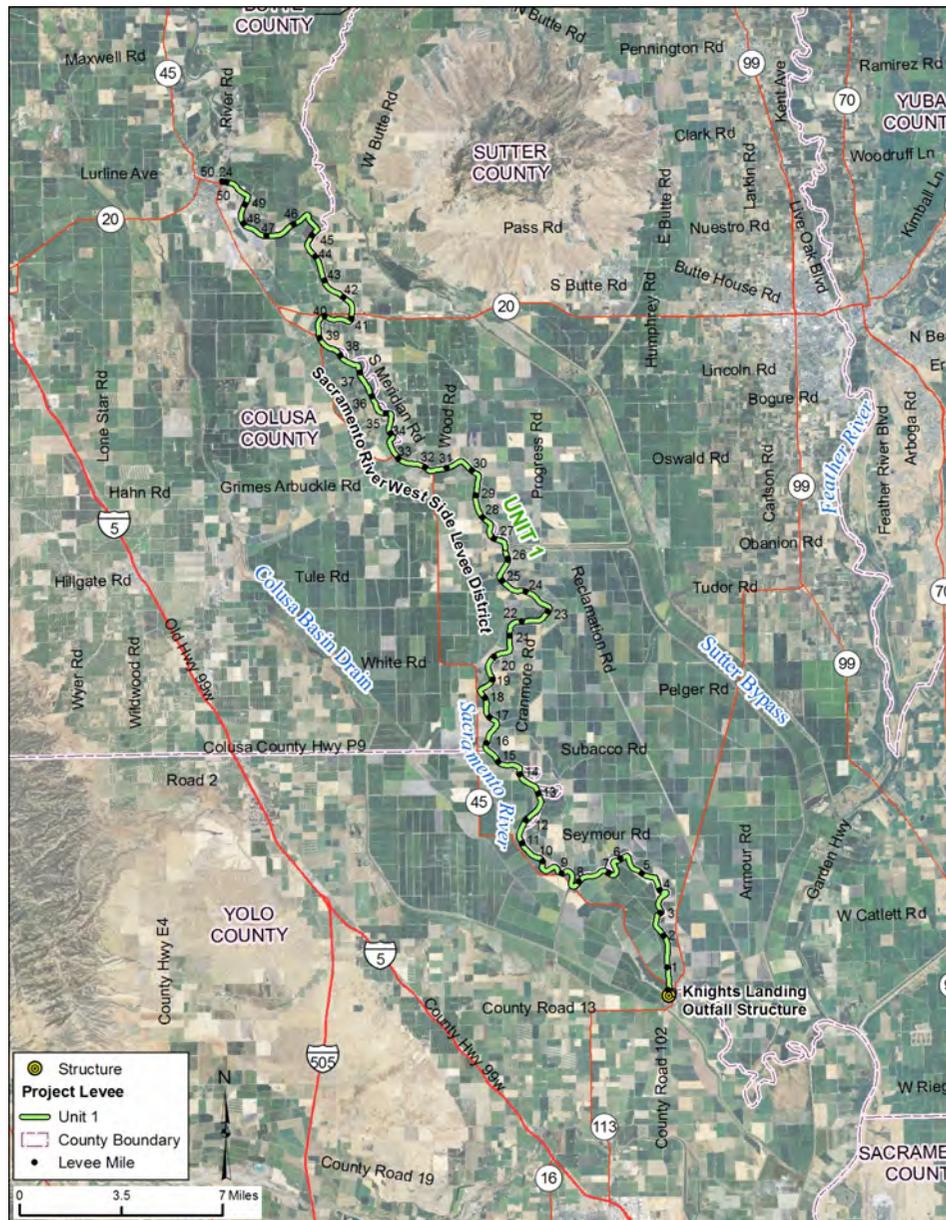
Sacramento County

WSLD

Contact

Lewis Bair
Manager
PO Box 50
Grimes CA 95950
Phone: (530) 437-2221

SACRAMENTO SYSTEM : Sacramento River West Side Levee District



WSLD

LMA Short Name : NA0016		Bank	Unit Length (Miles)
Unit No. 01	Sacramento River	RB	50.21

Threat Assessment & Recommendations

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

DWR Levee Inspection Summary

NA0016	Total LMA Miles		50.21									
Rated Item	Fall 2012				Fall 2013				Change			
	Overall LMA Rating		A		Overall LMA Rating		A					
	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	0.02	0.01		0.01	0.02
Trim / Thin Trees	0.01		0.01	0.02					-0.01		-0.01	-0.02
Encroachments	0.02		0.02	0.04	0.02		0.02	0.04				0.00
Animal Control					0.01		0.01	0.02	0.01		0.01	0.02
<i>Supplemental</i>												
USACE Erosion Survey	0.26		0.26	0.52	0.26		0.26	0.52	0.00			0.00
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	0.29	0.00	0.29	0.58	0.30	0.00	0.30	0.60	0.01	0.00	0.01	0.02

DWR Structure Inspection Summary

No Structures Inspected in this District.

WSLD

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

Unit No. 01 Sacramento River, RB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
SAC_101-3_R	101.30	11.48	11.48	eroding	M
SAC_111-0_R	111.00	18.74	18.74	eroding	M
SAC_115-9_R	115.90	23.54	23.54	eroding	M
SAC_118-0_R	118.00	25.90	26.05	eroding	M
SAC_122-0_R	122.00	29.67	29.67	eroding	M
SAC_122-3_R	122.30	29.93	29.93	eroding	M
SAC_123-7_R	123.70	31.42	31.42	eroding	M
SAC_125-6_R	125.60	33.27	33.27	eroding	M
SAC_127-9_R	127.90	35.21	35.21	eroding	M
SAC_136-6_R	136.60	42.93	42.93	eroding	M
SAC_141-5_R	141.50	47.61	47.61	eroding	M
SAC_143-5_R	143.50	49.44	49.44	eroding	M

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Sacramento River west bank	119.72	Inactive	04/03/2013	U

DWR Flood System Repair Project Summary

Unit No. 01 Sacramento River

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
DWR_NA0016_01_s_2012_2	Critical	Erosion	19.00	19.00	Right	38.9540598825	-121.840559726
158-40	Serious	Seepage	2.6	5.8	Right	38.834169219	-121.731501062
288-57	Serious	Seepage	34.15	35.13	Right	39.083672447	-121.894266466
288-226	Serious	Seepage	34.75	35.5	Right	39.091425734	-121.895247479
288-54	Critical	Seepage	35.08		Right	39.095601799	-121.896101823
158-221	Serious	Seepage	4.8	6.72	Right	38.859160842	-121.731835726
USACE_CESPK_SWS2_2010_p_0279	Serious	Erosion	44.014		Right	39.17923	-121.94593
158-29	Serious	Seepage	6.16		Right	38.870469857	-121.74965653
158-30	Serious	Seepage	6.72		Right	38.867136616	-121.758501299
158-222	Serious	Seepage	9.1	11	Right	38.858098261	-121.78534318

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 there is no new relevant information on the condition or performance of the Project 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 that there is no new relevant information on impairments or compromising conditions.

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

The Agency provided a summary of expenses and maintenance activities accomplished. Activities include patrolling, roadway maintenance, rodent baiting, and vegetation burning and spraying. The reported total maintenance cost for the previous fiscal year was \$191,372. The Agency also provided action taken on inspection items listed by DWR in the inspection report. The action taken include low priority and work in progress for vegetation and low priority, pending, and work in progress for encroachments.

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 monitoring and control and vegetation control. The reported total estimated cost for the current fiscal year is \$205,000.

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 is no new additional information that is relevant to the condition or performance of the Project levee.

Solano County Public Works Mellin Levee

Solano County

Solano
County

Contact

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



LMA Short Name : NA0012	Bank	Unit Length (Miles)
Unit No. 01 Mellin Levee	RB	0.59

Threat Assessment & Recommendations

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

DWR Levee Inspection Summary

NA0012	Total LMA Miles		0.59									
	Fall 2012				Fall 2013				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
Flood Preparedness & Training					0.01		0.01	1.70	0.01		0.01	1.70
<i>LMA Totals:</i>	0.01	0.00	0.01	1.70	0.02	0.00	0.02	3.39	0.01	0.00	0.01	1.70

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

No Supplemental Erosion Sites.

Solano County

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Mellin Levee - Rio Vista	0.62	Active	05/17/2013	M

DWR Flood System Repair Project Summary

No POI Repair Sites.

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 there is no new relevant information on the condition or performance of the Project 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 stated that there is no new relevant information on impairments or compromising conditions.

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

The Agency reported roadways grading activities accomplished during previous fiscal year. The Agency also provided action taken on inspection items listed by DWR in the inspection report. The action taken include corrected, pending, and work in progress for 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 roadway maintenance and vegetation mowing and spraying. The reported total estimated cost for the current fiscal year is \$5,000.

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

The Agency reported that there is no new additional information that is relevant to the condition or performance of the Project levee.

Tehama County Flood Control and Water Conservation District

Tehama County

Tehama
County

Contact

Gary Antone
Public Works Director
Agency Office
9380 San Benito Avenue
Gerber CA 96035
Phone: (530) 385-1462



Tehama County

LMA Short Name : NA0019 **Bank** **Unit Length (Miles)**

Unit No. 01	Deer Creek	LB	4.11
Unit No. 02	Deer Creek	RB	1.50
Unit No. 04	Elder Creek	LB	4.07
Unit No. 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 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 Channel inspection.
- The LMA should ensure that the capacity of the channel as designed and constructed is maintained.

SACRAMENTO SYSTEM : Tehama County Flood Control and Water Conservation District

DWR Levee Inspection Summary

NA0019	Total LMA Miles		13.64									
	Fall 2012				Fall 2013				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	1.40		1.40	10.26	1.40		1.40	10.26				0.00
Encroachments	0.09		0.09	0.66	0.08		0.08	0.59	-0.01		-0.01	-0.07
Animal Control	0.03		0.03	0.22	0.07		0.07	0.51	0.04		0.04	0.29
Slope Stability	0.31		0.31	2.27	0.33		0.33	2.42	0.02		0.02	0.15
Erosion / Bank Caving	0.01		0.01	0.07	0.04		0.04	0.29	0.03		0.03	0.22
<i>Supplemental</i>												
USACE Erosion Survey	0.16		0.16	1.17	0.16		0.16	1.17				0.00
<i>LMA Totals:</i>	2.00	0.00	2.00	14.66	2.08	0.00	2.08	15.25	0.08	0.00	0.08	0.59

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

Channel Name	Overall Rating
McClure Creek	A
Salt Creek	A

Tehama County

USACE 2012 Sacramento River Erosion Summary

Unit No. 01 Deer Creek, LB

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

Unit No. 02 Deer Creek, RB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
DEC_0-9_R	0.00	0.86	0.91	eroding	M

Unit No. 04 Elder Creek, LB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
ELC_1-4_L	0.00	1.44	1.51	eroding	M

Unit No. 05 Elder Creek, RB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
ELC_3-0_R	0.00	3.08	3.10	eroding	M

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Deer Creek left bank, Unit 1 east - Tehama County	3.09	Active	N/A	N/A
Deer Creek left bank, Unit 1 west - Tehama County	1.14	Active	N/A	N/A
Deer Creek right bank, Unit 2 - Tehama County	1.45	Active	N/A	N/A
Elder Creek left bank, Unit 4 - Gerber levee	4.64	Inactive	09/30/2012	U
Elder Creek left bank, Unit 4 east	0.83	Inactive	09/30/2012	U
Elder Creek right bank, Unit 5	3.86	Inactive	09/30/2012	U

DWR Flood System Repair Project Summary

Unit : unable to assign

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
Obsrv-131070	Serious	Erosion			Right	40.05222	-122.15827
24-4	Serious	Stability	000+10 to SRGL-R		Right	40.056377007	-122.138911635

Unit No. 01 Deer Creek

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
DWR_NA0019_01_s_2012_1	Serious	Erosion	2.98	3.00	Left	39.9629098943	-122.031420527
56-3	Serious	Erosion	3.64	3.66	Left	39.945062125	-122.053475795

Unit No. 04 Elder Creek

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
DWR_NA0019_04_s_2012_9	Critical	Erosion	1.38	1.51	Left	40.0515955088	-122.164178786

Unit No. 05 Elder Creek

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
59-10	Serious	Other	2.35		Right	40.050508921	-122.151780927
DWR_NA0019_05_R_2012_03	Critical	Other	2.56		Right	40.05167	-122.14829
59-9	Serious	Other	2.65		Right	40.051644615	-122.146672362

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 there is no new relevant information on the condition or performance of the Project 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 that there is no new relevant information on impairments or compromising conditions.

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

The Agency provided a summary of expenses and maintenance activities accomplished. Activities include toe erosion repair, gravel bar removal, miscellaneous maintenance, roadway grading and repair, and vegetation control. The reported total maintenance cost for the previous fiscal year was \$32,999.

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 toe erosion repair, gravel bar removal, miscellaneous maintenance, roadway grading and repair, and vegetation control. The reported total estimated cost for the current fiscal year is \$58,932.

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 change in levee conditions since last inspection.

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Yolo County Planning Resources and Public Works

Yolo County

Cache - Yolo
County

Contact

John Bencomo
Director of Planning and Public Works
Agency Office
292 West Beamer Street
Woodland CA 95695
Phone: (530) 666-8775

Cache - Yolo County



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

DWR Levee Inspection Summary

Rated Item	Total LMA Miles		0.29									
	Fall 2012				Fall 2013				Change			
	Overall LMA Rating				Overall LMA Rating							
	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	1.72	593.10	0.18	0.25	1.18	406.90	0.18	-0.18	-0.54	-186.21
Trim / Thin Trees	0.09		0.09	31.03	0.08		0.08	27.59	-0.01		-0.01	-3.45
Encroachments	0.01		0.01	3.45	0.01		0.01	3.45				0.00
Operations & Maintenance Manuals	0.00					0.01	0.05	17.24	0.00	0.01	0.05	17.24
Emergency Supplies & Equipment	0.00				0.01		0.01	3.45	0.01		0.01	3.45
Flood Preparedness & Training	0.00				0.01		0.01	3.45	0.01		0.01	3.45
<i>Supplemental</i>												
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	0.11	0.43	1.83	631.03	0.29	0.26	1.34	462.07	0.18	-0.17	-0.48	-168.97

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Inspection Ratings Summary

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

DWR Flood System Repair Project Summary

No POI Repair Sites.

Cache - Yolo 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)

No information provided by the Agency for Part 1.

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

No information provided by the Agency for Part 2.

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

No information provided by the Agency for Part 3.

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

No information provided by the Agency for Part 4.

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

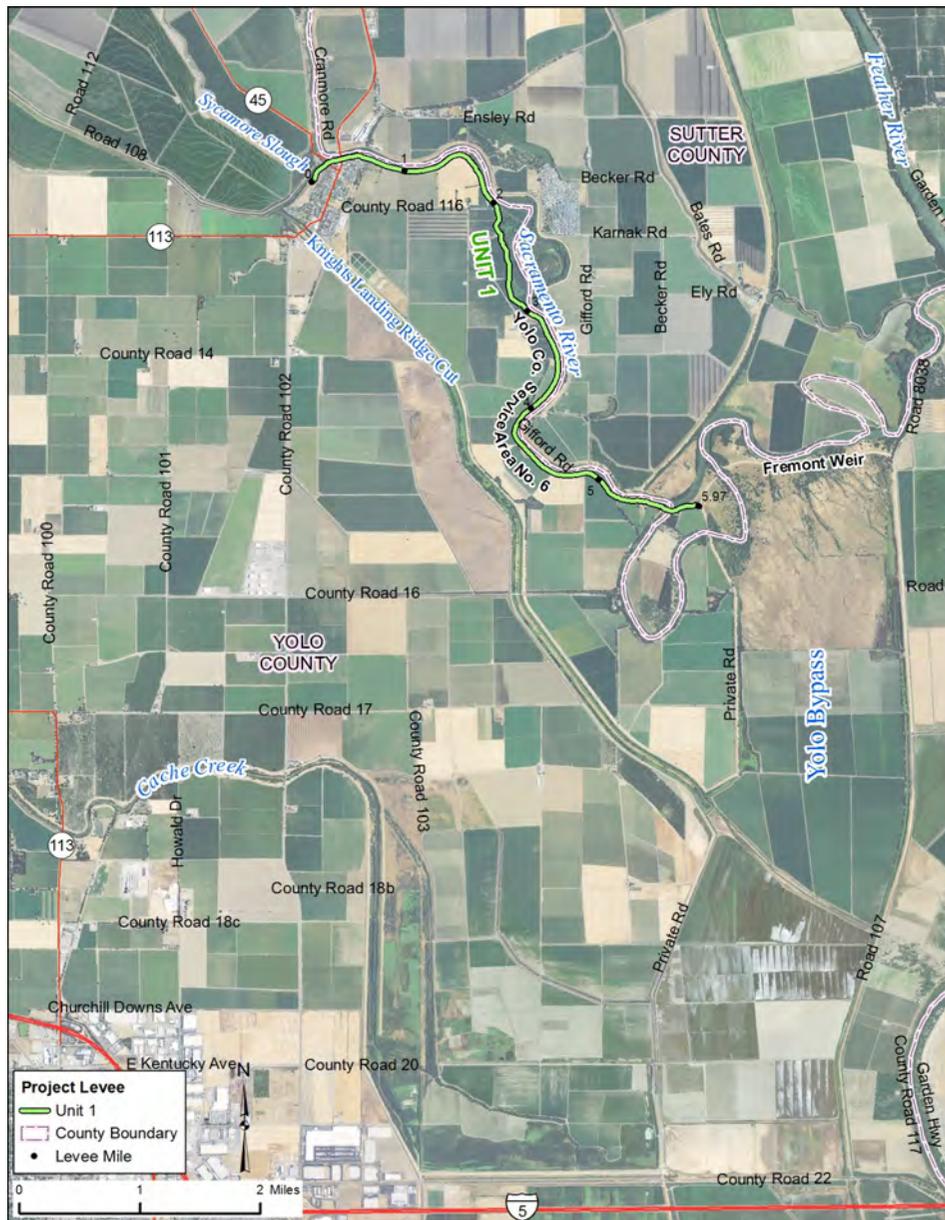
No information provided by the Agency for Part 5.

Yolo County Service Area 6

Yolo County

Contact

John Bencomo
Director of Planning and Public Works
Agency Office
292 West Beamer Street
Woodland CA 95695
Phone: (530) 666-8775



LMA Short Name	Bank	Unit Length (Miles)
NA0022	RB	5.97
Unit No. 01 Right Bank of Sacramento River at Knights Landing		

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

NA0022	Total LMA Miles		5.97									
	Fall 2012				Fall 2013				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		0.54	9.05	10.88	0.34	12.24	205.03	10.34	0.34	11.70	195.98
Trim / Thin Trees	0.03	0.01	0.07	1.17	0.04		0.04	0.67	0.01	-0.01	-0.03	-0.50
Encroachments	0.30		0.30	5.03	0.28		0.28	4.69	-0.02		-0.02	-0.34
Animal Control	0.06		0.06	1.01	0.06		0.06	1.01				0.00
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				0.00
<i>Supplemental</i>												
USACE Erosion Survey	0.39		0.39	6.53	0.39		0.39	6.53				0.00
<i>LMA Totals:</i>	1.39	0.01	1.43	23.95	11.72	0.34	13.08	219.10	10.33	0.33	11.65	195.14

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

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

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
SAC_86-9_R	86.90	3.18	3.28	eroding	M
SAC_85-4_R	85.40	4.66	4.86	eroding	M
SAC_83-9_R	83.90	5.77	5.86	eroding	M

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Knights Landing U2 - Yolo Bypass - Service Area 6	15.19	Inactive	06/27/2013	U

DWR Flood System Repair Project Summary

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

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
DWR_NA0022_01_s_2012_5	Serious	Erosion	0.014	5.899	Right	38.7589478087	-121.669103008
162-2026	Serious	Seepage	3.34	3.45	Right	38.777514606	-121.687111456
162-2005	Serious	Seepage	5.7	5.8	Right	38.758577011	-121.670615486

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 provided by the Agency for Part 1.

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

No information provided by the Agency for Part 2.

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

The Agency provided action taken on inspection items listed by DWR in the inspection report. The actions taken include work in progress for animal control, encroachments and erosion control, tree trimming and thinning, 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 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 provided by the Agency for Part 5.

DWR Sacramento Maintenance Yard Structures

San Joaquin County
Yolo County

Contact

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

No Map Available

LMA 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.

DWR Levee Inspection Summary

Levees in this District are not Inspected.

DWR Structure Inspection Summary

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

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

No Supplemental Erosion Sites.

DWR Flood System Repair Project Summary

No POI Repair Sites.

DWR Summary of Local Maintaining Agency Report

No Reporting by this District.

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Sacramento Maintenance Yard Cache Creek

Yolo County

Contact

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

DWR Levee Inspection Summary

ST0001	Total LMA Miles		25.52									
	Fall 2012				Fall 2013				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					0.15		0.15	0.59	0.15		0.15	0.59
Trim / Thin Trees	0.01		0.01	0.04					-0.01		-0.01	-0.04
Encroachments	0.09		0.09	0.35	0.07		0.07	0.27	-0.02		-0.02	-0.08
Animal Control	0.02		0.02	0.08					-0.02		-0.02	-0.08
Erosion / Bank Caving	0.01		0.01	0.04					-0.01		-0.01	-0.04
<i>Supplemental</i>												
USACE Erosion Survey	0.21	0.32	1.49	5.84	0.21	0.32	1.49	5.84				0.00
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	0.34	0.32	1.62	6.35*	0.43	0.32	1.71	6.70*	0.09	0.00	0.09	0.35

* 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

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

Unit No. 01 North Levee, LB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
CHC_2-4_L	0.00	2.42	2.51	critical	U
CHC_2-8_L	0.00	2.79	2.83	eroding	M
CHC_3-4_L	0.00	3.48	3.56	eroding	M
CHC_3-9_L	0.00	3.87	3.96	critical	U
CHC_4-2_L	0.00	4.14	4.28	critical	U

Unit No. 02 South Levee, RB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
CHC_3-5_R	0.00	3.53	3.61	eroding	M
CHC_5-4_L	0.00	3.58	3.59	eroding	M

USACE Inspection Ratings Summary

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

DWR Flood System Repair Project Summary

Unit No. 01 North Levee

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
DWR_ST0001_01_s_2012_18	Serious	Erosion	2.543	2.582	Left	38.7328361967	-121.797893392
DWR_ST0001_01_s_2012_30	Critical	Erosion	2.795	2.835	Left	38.7340674843	-121.793713017
DWR_ST0001_01_s_2012_34	Critical	Erosion	3.863	3.946	Left	38.7281654665	-121.781672977
DWR_ST0001_01_s_2012_25	Critical	Erosion	4.13	4.273	Left	38.7269028177	-121.774435393
DWR_ST0001_01_s_2012_35	Serious	Erosion	5.33	5.37	Left	38.72293299	-121.760561351

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 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 there is no new relevant information on impairments or compromising conditions.

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

The Agency provided a summary of maintenance activities performed for all levee units. Activities include encroachment control, gate and minor structure maintenance, inspections, roadway grading, rodent control, tree trimming, and vegetation control. The Agency also provided actions taken on inspection items listed by DWR in the inspection report. The actions taken include corrected issues for animal control, encroachment removal 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 \$770,000.

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 is no new additional information that is relevant to the condition or performance of the Project levee.

Sacramento Maintenance Yard East Levee Yolo Bypass

Yolo County

Contact

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

SACRAMENTO SYSTEM : Sacramento Maintenance Yard East Levee Yolo Bypass

East Levee
Yolo



LMA 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.

DWR Levee Inspection Summary

ST0004	Total LMA Miles		2.00									
	Fall 2012				Fall 2013				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>Supplemental</i>												
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	0.06	0.00	0.06	3.00	0.00	0.00	0.00	0.00	-0.06	0.00	-0.06	-3.00

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE 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 Flood System Repair Project Summary

No POI Repair Sites.

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 there is no new relevant information on the condition or performance of the Project 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 that there is no new relevant information on impairments or compromising conditions.

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

The Agency provided a summary of maintenance activities performed for all levee units. Activities include encroachment control, gate and minor structure maintenance, inspections, roadway grading, rodent control, tree trimming, and vegetation control. The Agency also provided actions taken on inspection items listed by DWR in the inspection report. The actions taken include corrected issue for crown surface depression repair.

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 \$22,000.

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

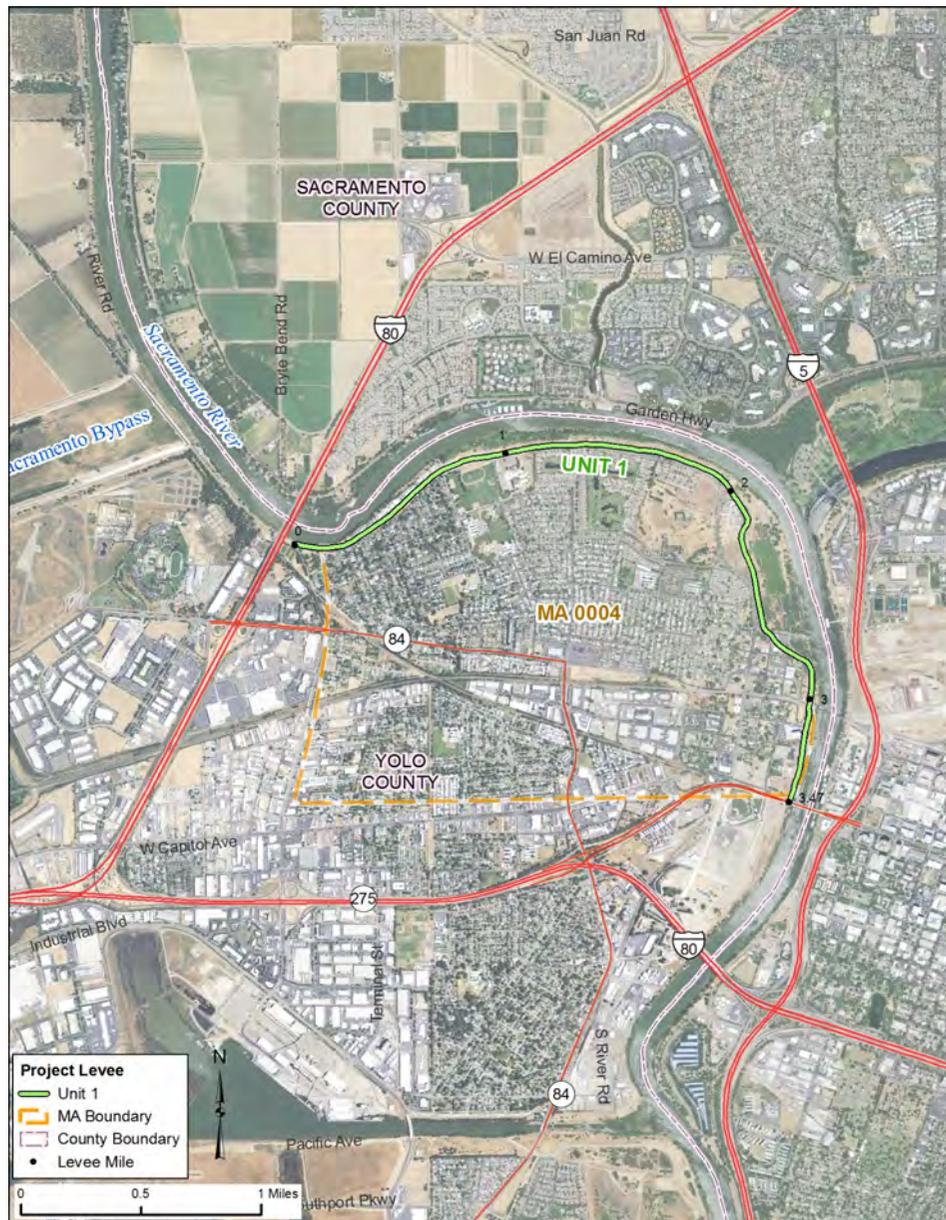
The Agency reported that there is no new additional information that is relevant to the condition or performance of the Project levee.

Sacramento Maintenance Yard Maintenance Area 0004

Yolo County

Contact

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



LMA Short Name : MA0004	Bank	Unit Length (Miles)
Unit No. 01 Sacramento River	RB	3.40

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.
- The LMA should focus more on backfilling rodent holes.

DWR Levee Inspection Summary

MA0004	Total LMA Miles		3.40									
	Fall 2012				Fall 2013				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
Trim / Thin Trees	0.16		0.16	4.71	0.16		0.16	4.71				0.00
Animal Control	0.02		0.02	0.59	0.02		0.02	0.59				0.00
<i>LMA Totals:</i>	0.19	0.00	0.19	5.59	0.18	0.00	0.18	5.29	-0.01	0.00	-0.01	-0.29

MA 4

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Inspection Ratings Summary

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

DWR Flood System Repair Project Summary

No POI Repair Sites.

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 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 there is no new relevant information on impairments or compromising conditions.

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

The Agency provided a summary of maintenance activities performed for all levee units. Activities include encroachment control, gate and minor structure maintenance, inspection, roadway grading, rodent control, tree trimming, and vegetation control. The Agency also provided actions taken on inspection items listed by DWR in the inspection report. The actions taken include corrected issues for 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 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 \$680,000.

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 is no new additional information that is relevant to the condition or performance of the Project levee.

Sacramento Maintenance Yard Maintenance Area 0009

Sacramento County

Contact

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

DWR Levee Inspection Summary

Rated Item	Total LMA Miles		Fall 2012		Fall 2013				Change			
	Overall LMA Rating		A		Overall LMA Rating				A			
	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	0.05		0.05	0.26	0.04		0.04	0.20
Trim / Thin Trees	0.01		0.01	0.05	0.02		0.02	0.10	0.01		0.01	0.05
Encroachments	0.01		0.01	0.05					-0.01		-0.01	-0.05
Animal Control					0.02		0.02	0.10	0.02		0.02	0.10
<i>Supplemental</i>												
USACE Erosion Survey	0.30		0.30	1.53	0.30		0.30	1.53	0.00			0.00
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	0.33	0.00	0.33	1.68	0.39	0.00	0.39	1.99	0.06	0.00	0.06	0.31

MA 9

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

Unit No. 01 Sacramento River, LB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
SAC_55-5_L	55.50	0.40	0.46	eroding	M
SAC_55-2_L	55.20	0.75	0.88	eroding	M
SAC_54-8_L	54.80	1.13	1.14	eroding	M
SAC_53-8_L	53.80	2.03	2.05	eroding	M
SAC_52-7_L	52.70	3.09	3.13	eroding	M
SAC_52-4_L	52.40	3.27	3.29	eroding	M
SAC_50-3_L	50.30	5.41	5.43	eroding	M
SAC_46-7_L	46.70	9.11	9.14	under construction	C

USACE 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 Flood System Repair Project Summary

Unit No. 01 Sacramento River

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
106-230	Serious	Seepage	10.7		Left	38.44375612	-121.5005703
106-83	Critical	Seepage	11.9	11.95	Left	38.433986089	-121.517493308
106-314	Critical	Seepage	11.95	11.99	Left	38.433986089	-121.517493308
106-121	Critical	Seepage	12	12.05	Left	38.434002196	-121.51931237
106-243	Critical	Seepage	12	12.02	Left	38.433999623	-121.518766865
106-215	Critical	Seepage	12	12	Left	38.433998066	-121.518403304
106-146	Critical	Seepage	12	12	Left	38.433998066	-121.518403304
106-129	Critical	Seepage	12	12	Left	38.433998066	-121.518403304
106-50	Critical	Seepage	12.05		Left	38.433973	-121.516948
106-63	Serious	Seepage	12.5	12.5	Left	38.433725994	-121.527451732
106-315	Serious	Seepage	12.5	12.5	Left	38.433725994	-121.527451732
106-164	Critical	Seepage	12.6	12.7	Left	38.43254721	-121.530754837
106-247	Critical	Seepage	12.6	12.62	Left	38.43311495	-121.529490565
106-59	Critical	Seepage	12.7	12.7	Left	38.43254721	-121.530754837
106-295	Critical	Seepage	12.7	12.75	Left	38.43196941	-121.531284785
106-248	Critical	Seepage	12.7	12.72	Left	38.43234547	-121.531008991
106-32	Critical	Seepage	12.79	12.85	Left	38.430566947	-121.531502581
106-60	Critical	Seepage	12.8	12.8	Left	38.431278951	-121.531510788
106-52	Serious	Seepage	14.3	14.3	Left	38.412658285	-121.518530133
106-203	Serious	Seepage	14.3	14.3	Left	38.412658285	-121.518530133
106-166	Serious	Seepage	14.5	14.5	Left	38.410169229	-121.516765881
106-78	Serious	Seepage	14.6	14.6	Left	38.408892838	-121.515959771
106-15	Serious	Seepage	14.6	18.3	Left	38.358904512	-121.523091942
106-133	Critical	Seepage	15.5	15.5	Left	38.396599515	-121.511910928
106-100	Critical	Seepage	15.5	15.5	Left	38.396599515	-121.511910928
106-254	Critical	Seepage	15.5	15.5	Left	38.396599515	-121.511910928
106-42	Critical	Seepage	15.6	15.64	Left	38.394609005	-121.512057018
106-255	Critical	Seepage	15.6	15.65	Left	38.394466855	-121.51206838
106-43	Critical	Seepage	15.89	15.95	Left	38.390217922	-121.512608695
106-135	Critical	Seepage	16	16.02	Left	38.389243034	-121.512873835
106-134	Critical	Seepage	16	16	Left	38.389520174	-121.512790785
106-137	Critical	Seepage	16	16.04	Left	38.388968873	-121.512967566
106-138	Critical	Seepage	16	16.05	Left	38.38883198	-121.513016696
106-139	Critical	Seepage	16	16.06	Left	38.388695061	-121.513065837
106-140	Critical	Seepage	16	16.07	Left	38.388559031	-121.513117935
106-39	Critical	Seepage	16	16.18	Left	38.387084089	-121.513787571
106-136	Critical	Seepage	16	16.03	Left	38.389105595	-121.512918496
106-54	Serious	Seepage	16.7	16.7	Left	38.381700243	-121.52001388
106-222	Serious	Seepage	16.8	16.8	Left	38.380869655	-121.521486532
106-141	Serious	Seepage	16.8	16.8	Left	38.380869655	-121.521486532
106-152	Serious	Stability	17.8	17.8	Left	38.367561124	-121.52000359
106-165	Critical	Seepage	17.8	18.1	Left	38.363286682	-121.519847123
106-220	Critical	Seepage	17.9	17.9	Left	38.366124139	-121.519988836
106-88	Critical	Seepage	18.1	18.1	Left	38.363286682	-121.519847123
106-339	Critical	Stability	18.1	18.1	Left	38.363286682	-121.519847123

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 there is no new relevant information on the condition or performance of the Project 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 that there is no new relevant information on impairments or compromising conditions.

MA 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 performed for all levee units. Activities include encroachment control, gate and minor structure maintenance, inspections, roadway grading, rodent control, tree trimming, and vegetation control. The Agency also provided actions taken on inspection items listed by DWR in the inspection report. The actions taken include corrected issues for 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 for all levee units. Expenses include costs of erosion repair, gate repair, roadway grading, rodent control, slope dragging, tree trimming, and vegetation control. The reported total estimated cost for the fiscal year is \$770,000.

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 is no new additional information that is relevant to the condition or performance of the Project levee.

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Sacramento Maintenance Yard Putah Creek

Yolo County

Contact

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

Putah
Creek



LMA Short Name : ST0007		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

- 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.

DWR Levee Inspection Summary

ST0007	Total LMA Miles		16.29									
	Fall 2012				Fall 2013				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	0.13		0.13	0.80	0.12		0.12	0.74	-0.01		-0.01	-0.06
Trim / Thin Trees	0.08		0.08	0.49	0.02		0.02	0.12	-0.06		-0.06	-0.37
Encroachments	0.18		0.18	1.11					-0.18		-0.18	-1.11
Animal Control	3.07		3.07	18.85	0.19		0.19	1.17	-2.88		-2.88	-17.68
Erosion / Bank Caving	0.01		0.01	0.06	0.01		0.01	0.06				0.00
<i>Supplemental</i>												
USACE Erosion Survey	0.02		0.02	0.12	0.02		0.02	0.12				0.00
<i>LMA Totals:</i>	3.49	0.00	3.49	21.42	0.36	0.00	0.36	2.21	-3.13	0.00	-3.13	-19.21

Putah Creek

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

Unit No. 01 Putah Creek or North Levee, LB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
PUC_0-1_L	0.00	0.04	0.04	eroding	M
PUC_7-2_L	0.00	6.87	6.87	eroding	M

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Putah Cr Unit 1 - Yolo Bypass - Willow Slgh Unit 2	19.74	Inactive	05/22/2013	U
Putah Creek right bank - Unit 2	7.15	Inactive	05/22/2013	U

DWR Flood System Repair Project Summary

No POI Repair Sites.

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 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 there is no new relevant information on impairments or compromising conditions.

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

The Agency provided a summary of maintenance activities performed for all levee units. Activities include encroachment control, gate and minor structure maintenance, inspections, roadway grading, rodent control, tree trimming, and vegetation control. The Agency also provided actions taken on inspection items listed by DWR in the inspection report. The actions taken include corrected issues for encroachment control, erosion monitoring, 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 \$333,000.

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 is no new additional information that is relevant to the condition or performance of the Project levee.

Sacramento Maintenance Yard Sacramento Bypass

Sacramento
Bypass

Yolo County

Contact

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

SACRAMENTO SYSTEM : Sacramento Maintenance Yard Sacramento Bypass

Sacramento Bypass



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

DWR Levee Inspection Summary

ST0008	Total LMA Miles		3.51													
	Fall 2012				Fall 2013				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>																
Slope Stability	0.01		0.01	0.29					-0.01		-0.01	-0.29				
<i>Supplemental</i>																
DWR UCIP Field Study												0.00				
<i>LMA Totals:</i>	0.01	0.00	0.01	0.29	0.00	0.00	0.00	0.00	-0.01	0.00	-0.01	-0.29				

Sacramento Bypass

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE 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	N/A	N/A

DWR Flood System Repair Project Summary

No POI Repair Sites.

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 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 there is no new relevant information on impairments or compromising conditions.

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

The Agency provided a summary of maintenance activities performed for all levee units. Activities include encroachment control, gate and minor structure maintenance, inspections, roadway grading, rodent control, tree trimming, and vegetation control. The Agency also provided actions taken on inspection items listed by DWR in the inspection report. The actions taken include corrected issue for levee slopes repair.

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 \$167,000.

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 is no new additional information that is relevant to the condition or performance of the Project levee.

Sacramento Maintenance Yard West Levee Yolo Bypass

West Levee
Yolo Bypass

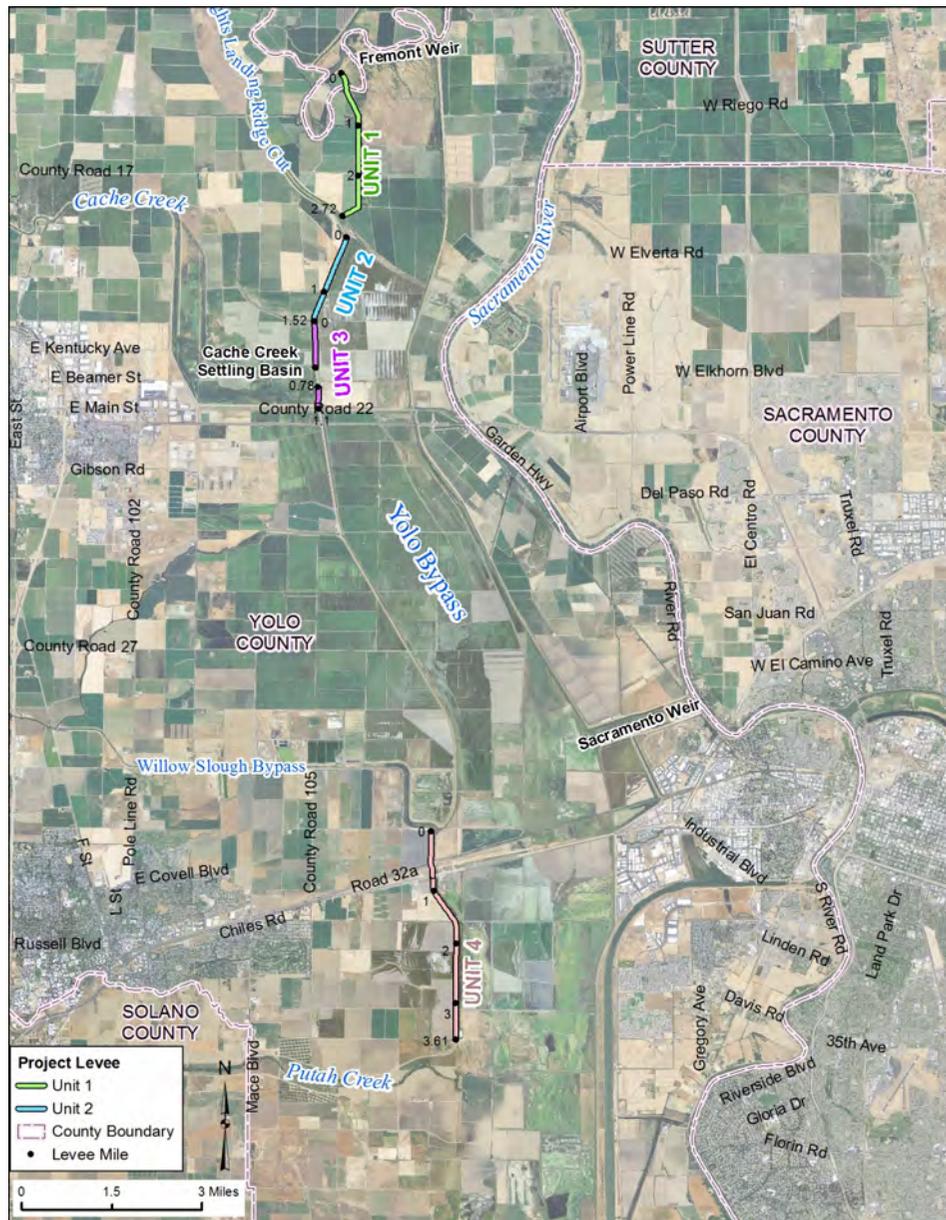
Yolo County

Contact

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

SACRAMENTO SYSTEM : Sacramento Maintenance Yard West Levee Yolo Bypass

West Levee
Yolo Bypass



LMA 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 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 inspection.

SACRAMENTO SYSTEM : Sacramento Maintenance Yard West Levee Yolo Bypass

DWR Levee Inspection Summary

ST0011	Total LMA Miles		9.33									
	Fall 2012				Fall 2013				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>												
Cracking					0.04		0.04	0.43	0.04		0.04	0.43
<i>Supplemental</i>												
USACE Erosion Survey	0.15		0.15	1.61	0.15		0.15	1.61				0.00
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	0.15	0.00	0.15	1.61	0.19	0.00	0.19	2.04	0.04	0.00	0.04	0.43

West Levee
Yolo Bypass

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

Unit No. 01 West Levee, RB

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

USACE 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	N/A
Knights Landing U2 - Yolo Bypass - Service Area 6	15.19	Inactive	06/27/2013	U
Putah Cr Unit 1 - Yolo Bypass - Willow Slgh Unit 2	19.74	Inactive	05/22/2013	U
Yolo Bypass West Levee - Cache Creek Unit 4	3.41	Active	N/A	N/A

DWR Flood System Repair Project Summary

No POI Repair Sites.

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 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 there is no new relevant information on impairments or compromising conditions.

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

The Agency provided a summary of maintenance activities performed for all levee units. Activities include encroachment control, gate and minor structure maintenance, inspection, roadway grading, rodent control, tree trimming, and vegetation control. The Agency also provided actions taken on inspection items listed by DWR in the inspection report. The actions taken include corrected issues for 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. Planned activities include 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 \$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 reported that there is no new additional information that is relevant to the condition or performance of the Project levee.

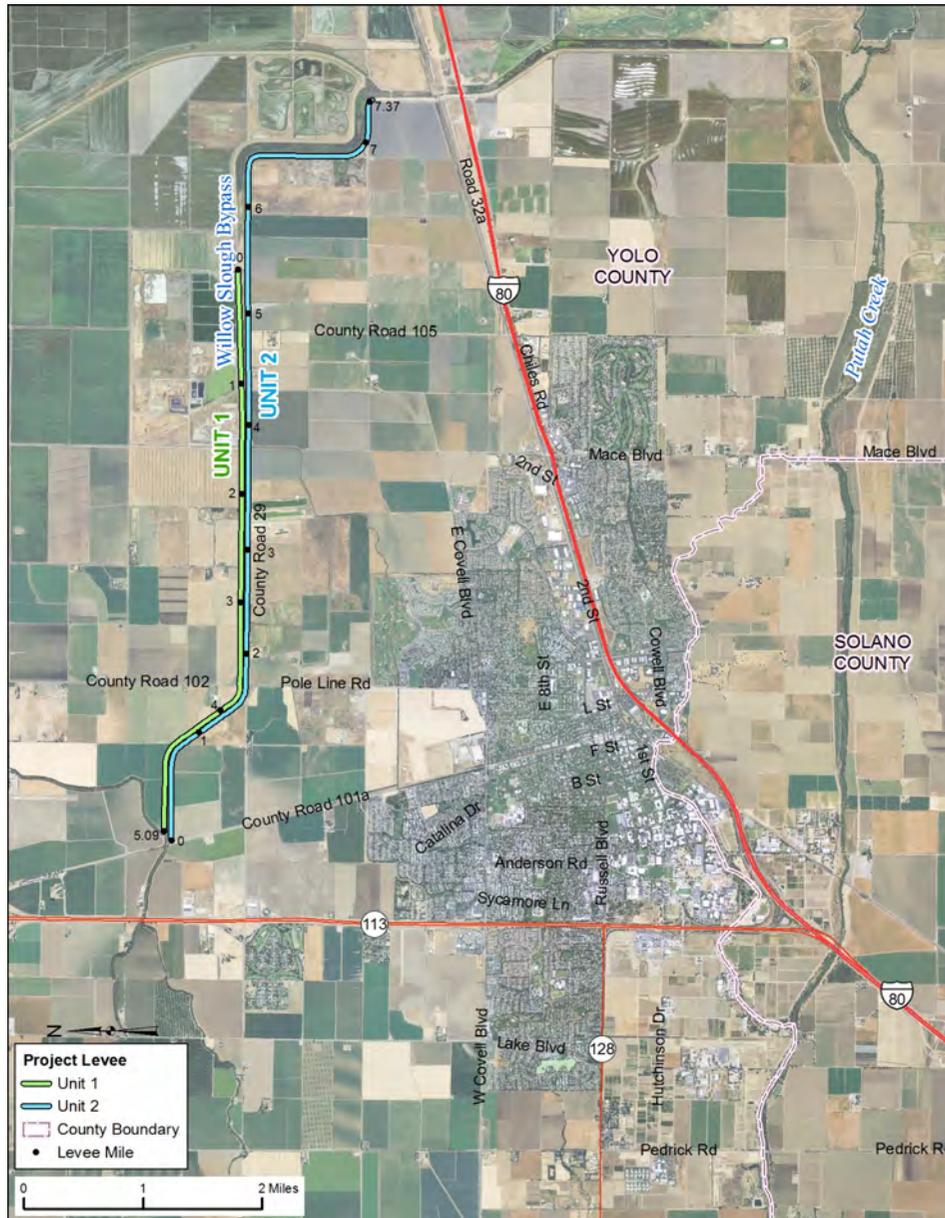
Sacramento Maintenance Yard Willow Slough Bypass

Willow
Slough

Yolo County

Contact

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



LMA 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.

DWR Levee Inspection Summary

Rated Item	Total LMA Miles		Fall 2012		Fall 2013				Change			
	12.46		A		A							
	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	0.02		0.02	0.16	-0.03		-0.03	-0.24
Cracking	0.02		0.02	0.16					-0.02		-0.02	-0.16
<i>Supplemental</i>												
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	0.07	0.00	0.07	0.56	0.02	0.00	0.02	0.16	-0.05	0.00	-0.05	-0.40

Willow Slough

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Cache Creek - RD 2035 - Willow Bypass	29.21	Active	N/A	N/A
Putah Cr Unit 1 - Yolo Bypass - Willow Slgh Unit 2	19.74	Inactive	05/22/2013	U

DWR Flood System Repair Project Summary

No POI Repair Sites.

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 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 there is no new relevant information on impairments or compromising conditions.

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

The Agency provided a summary of maintenance activities performed for all levee units. Activities include encroachment control, gate and minor structure maintenance, inspection, roadway grading, rodent control, tree trimming, and vegetation control. The Agency also provided actions taken on inspection items listed by DWR in the inspection report. The actions taken include corrected issues for vegetation and work in progress for cracking.

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. Planned activities include 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 \$166,000.

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

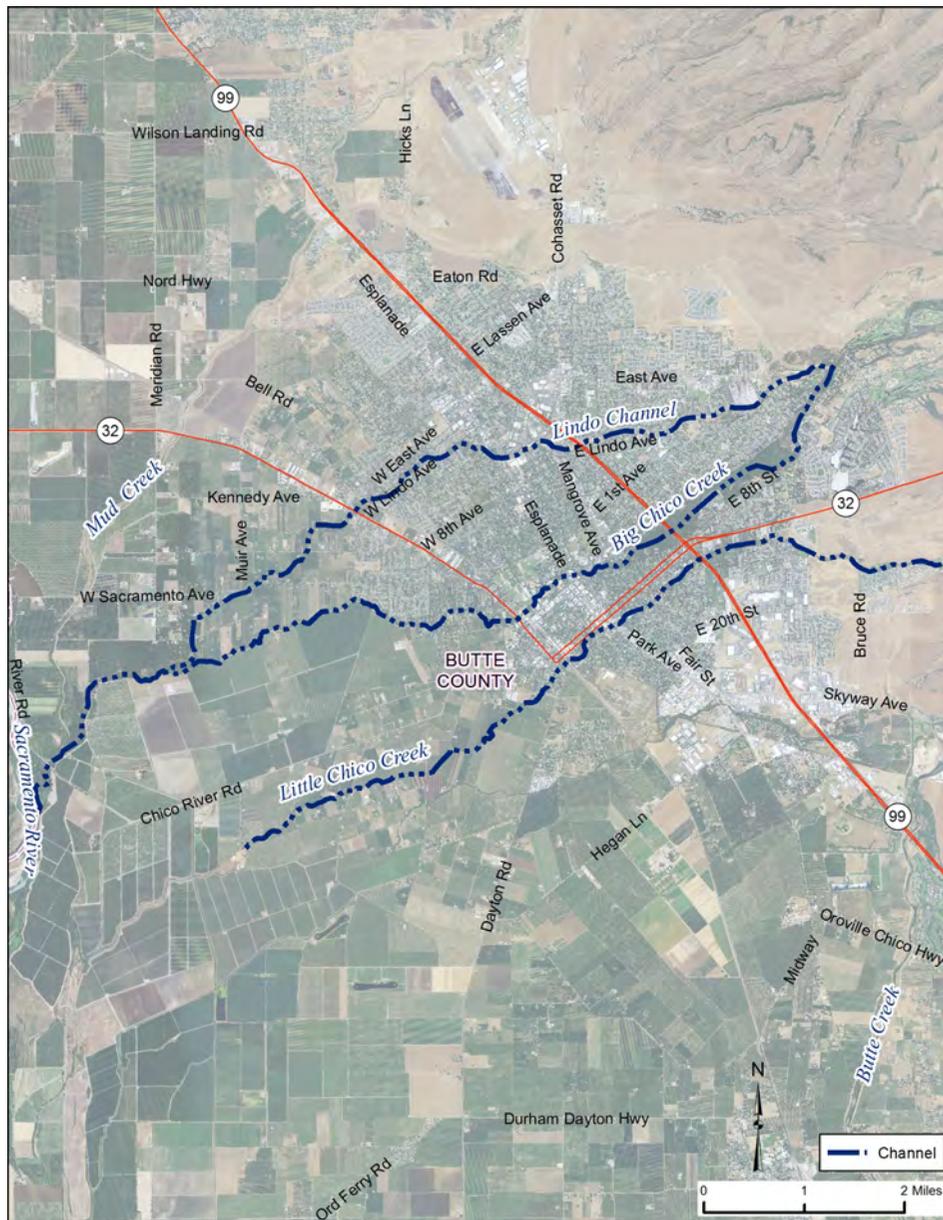
The Agency reported that there is no new additional information that is relevant to the condition or performance of the Project levee.

DWR Sutter Maintenance Yard Structures

Butte County
Colusa County
Lake County
Sutter County

Contact

Karen Hull
Utility Craftsworker Superintendent
PO Box 40
Sutter CA 95982
Phone: (530) 755-0071



LMA 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 Channel inspection.
- 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
Butte Slough Drainage Structure	A
Butte Slough Outfall Structure	A
Colusa Weir	A
Goose Lake Overflow Structure	M
Highland Canal Diversion Weir And Drainage Structure	A
Little Chico Creek Control And Weir Structures	A
M&T Ranch Overflow Structure	A
Middle Creek Pumping Plant	A
Moulton Weir	A
Nelson Bend	A
Sutter Bypass Pumping Plant No. 1	A
Sutter Bypass Pumping Plant No. 2	A
Sutter Bypass Pumping Plant No. 3	A
Sutter Bypass Weir No. 2	A
Tisdale Weir	A
Wadsworth Canal Weir No. 4	A

DWR Channel Inspection Summary

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

USACE 2012 Sacramento River Erosion Summary

No Supplemental Erosion Sites.

DWR Flood System Repair Project Summary

No POI Repair Sites.

DWR Summary of Local Maintaining Agency Report

No Reporting by this District.

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Sutter Maintenance Yard East Levee Sacramento River

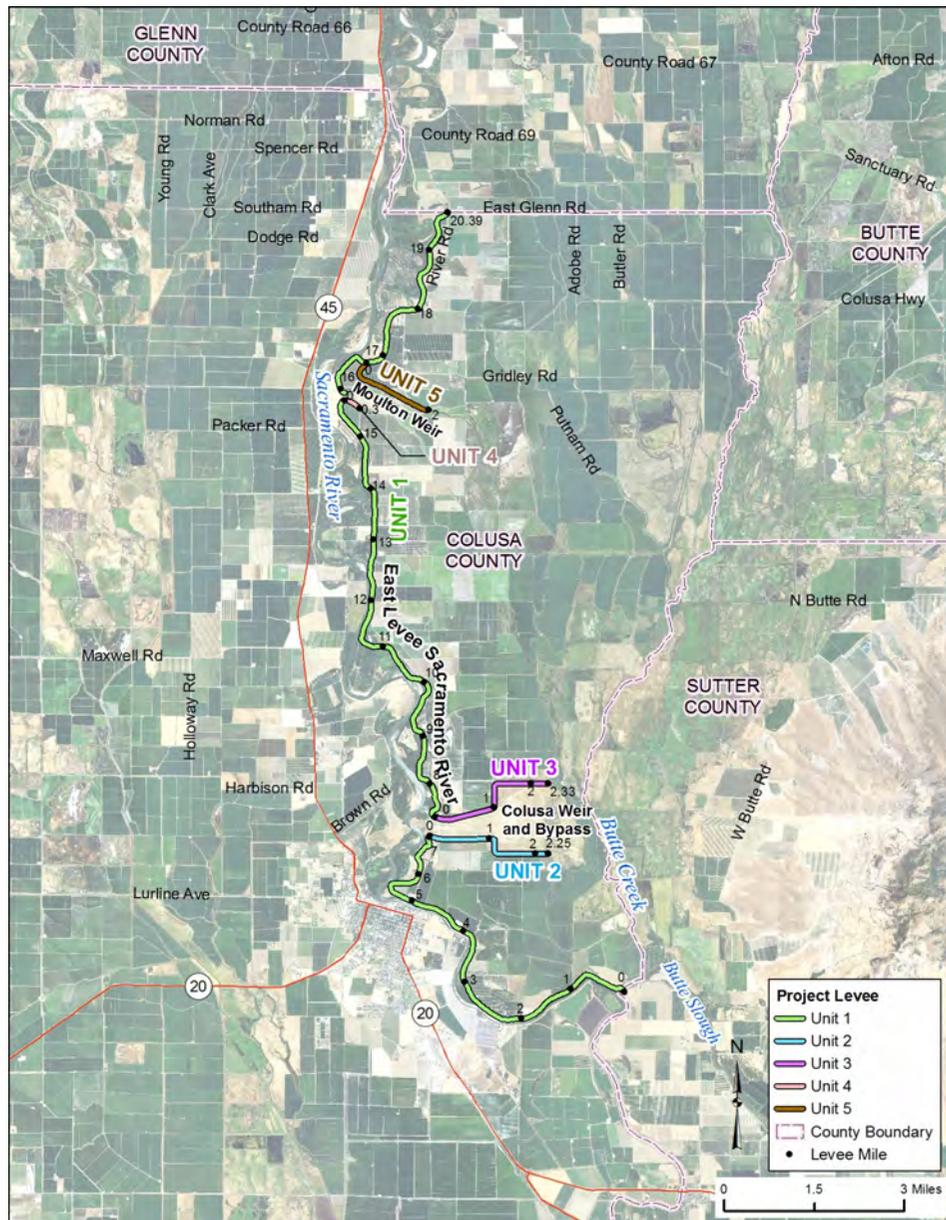
Colusa County

Contact

Karen Hull
Utility Craftworker Superintendent
PO Box 40
Sutter CA 95982
Phone: (530) 755-0071

SACRAMENTO SYSTEM : Sutter Maintenance Yard East Levee Sacramento River

East Levee Sacramento



LMA 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 2012				Fall 2013				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	0.18	0.04		0.04	0.15	-0.01		-0.01	-0.04
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
Animal Control	0.08		0.08	0.29	0.01		0.01	0.04	-0.07		-0.07	-0.26
Slope Stability					0.02		0.02	0.07	0.02		0.02	0.07
Erosion / Bank Caving	0.19		0.19	0.70	0.20		0.20	0.74	0.01		0.01	0.04
<i>Supplemental</i>												
USACE Erosion Survey	0.07		0.07	0.26	0.07		0.07	0.26				0.00
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	0.65	0.00	0.65	2.39	0.60	0.00	0.60	2.21	-0.05	0.00	-0.05	-0.18

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

Unit No. 01 Sacramento River, LB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
SAC_150-2_L	150.20	10.46	10.46	removed	A/W
SAC_152-6_L	152.60	11.51	11.51	eroding	M
SAC_152-8_L	152.80	11.83	11.89	eroding	M

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Sacramento River East Levee - LD 3 Glenn County	38.36	Inactive	05/08/2013	U

DWR Flood System Repair Project Summary

Unit No. 01 Sacramento River

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
DWR_ST0003_01_s_2012_27	Serious	Erosion	10.47	10.64	Left	39.271494293	-122.003496581
USACE_CESPK_SE1C_2011_p_0207	Critical	Seepage	3.776		Left	39.2041	-121.98265
USACE_CESPK_SE1C_2011_p_0206	Critical	Seepage	3.778		Left	39.20412	-121.98263
DWR_ST0003_01_s_2012_30	Critical	Erosion	6.71	6.71	Left	39.228311	-121.998555
DWR_ST0003_01_s_2012_31	Critical	Erosion	6.71	6.76	Left	39.22873	-121.998109

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 provided by the Agency for Part 1.

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

No information provided by the Agency for Part 2.

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

The Agency provided a summary of expenses and maintenance activities accomplished. Activities include encroachment removal, inspections, levee restoration, 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 \$306,436.

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 \$270,000.

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 provided by the Agency for Part 5.

Sutter Maintenance Yard East Levee Sutter Bypass

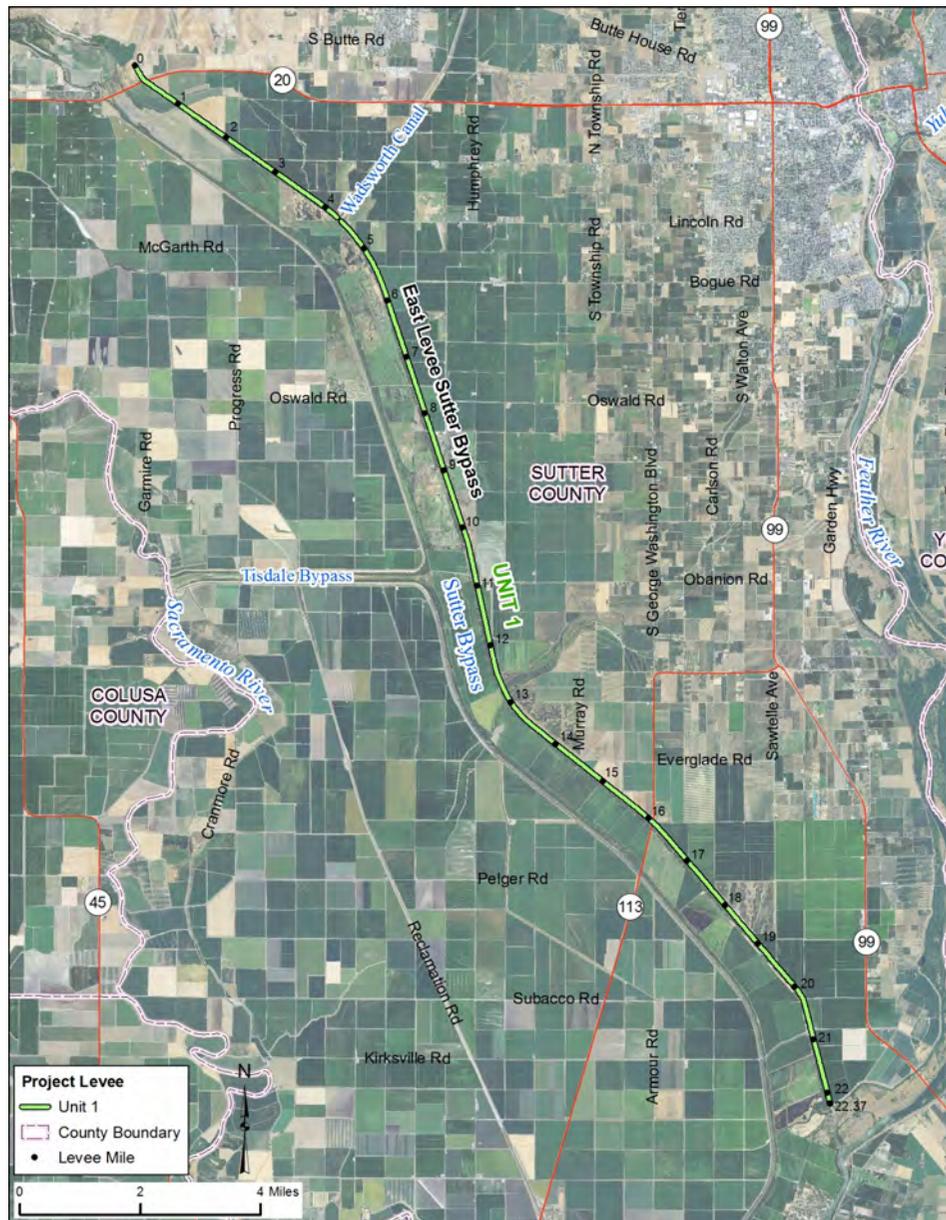
Sutter County

Contact

Karen Hull
Utility Craftworker Superintendent
PO Box 40
Sutter CA 95982
Phone: (530) 755-0071

SACRAMENTO SYSTEM : Sutter Maintenance Yard East Levee Sutter Bypass

East Levee
Sutter



LMA Short Name : ST0002	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.

DWR Levee Inspection Summary

ST0002	Total LMA Miles		22.12									
	Fall 2012				Fall 2013				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	0.05		0.05	0.23	0.01		0.01	0.05	-0.04		-0.04	-0.18
<i>Supplemental</i>												
USACE Erosion Survey	0.03		0.03	0.14	0.03		0.03	0.14				0.00
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	0.08	0.00	0.08	0.36	0.04	0.00	0.04	0.18	-0.04	0.00	-0.04	-0.18

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

Unit No. 01 Sutter Bypass Levee, LB

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

USACE 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	Inactive	10/18/2013	U

DWR Flood System Repair Project Summary

Unit No. 01 Sutter Bypass Levee

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
164-48	Serious	Seepage	11	11.75	Left	39.01510219	-121.723884098
164-18	Serious	Seepage	11.94		Left	39.012428681	-121.723151953
164-19	Serious	Seepage	12.17		Left	39.009192667	-121.722260855
164-20	Serious	Seepage	12.25		Left	39.008066653	-121.721954627
164-21	Serious	Seepage	12.54		Left	39.00399446	-121.72077056
164-24	Critical	Seepage	21.62		Left	38.904832309	-121.620150574
164-50	Critical	Seepage	21.8		Left	38.902363707	-121.619354318
164-51	Critical	Seepage	21.88		Left	38.90126472	-121.619016738

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 provided by the Agency for Part 1.

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

No information provided by the Agency for Part 2.

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

The Agency provided a summary of expenses and maintenance activities planned for all levee units. Expenses include costs of minor structure maintenance, restoration/habitat enhancements, roadway maintenance, rodent control, slope dragging, and vegetation control. The reported total estimated cost for the current fiscal year is \$202,169.

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, 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 \$257,500.

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

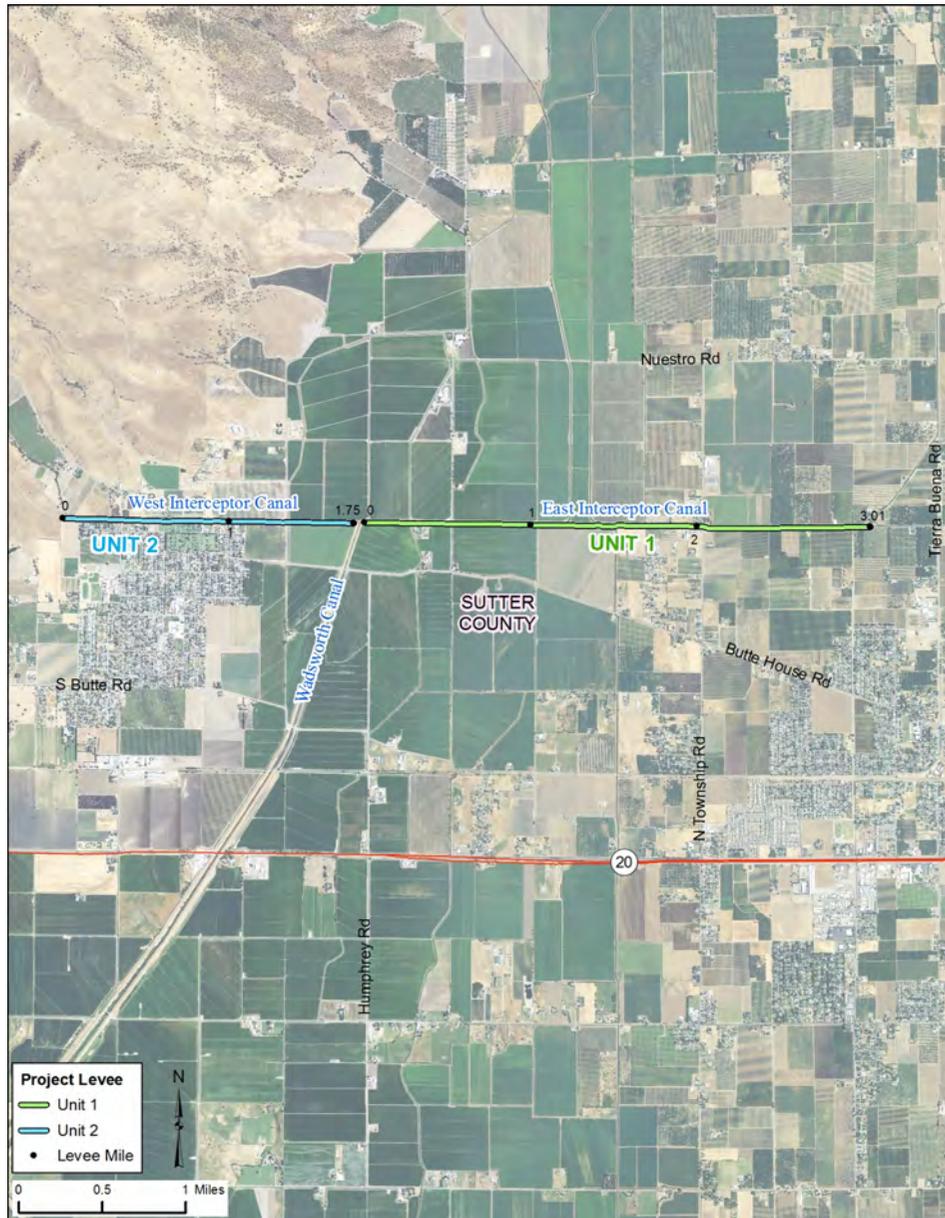
The Agency reported that there is no new additional information that is relevant to the condition or performance of the Project levee.

Sutter Maintenance Yard East-West Interceptor

Sutter County

Contact

Karen Hull
Utility Craftworker Superintendent
PO Box 40
Sutter CA 95982
Phone: (530) 755-0071



LMA 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.

DWR Levee Inspection Summary

NA0020	Total LMA Miles		4.76									
	Fall 2012				Fall 2013				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	3.88		3.88	81.51	2.88		2.88	60.50	-1.00		-1.00	-21.01
Encroachments	0.26		0.26	5.46	0.25		0.25	5.25	-0.01		-0.01	-0.21
Erosion / Bank Caving	0.61	0.03	0.73	15.34	0.66	0.03	0.78	16.39	0.05		0.05	1.05
<i>Channels</i>												
Erosion / Bank Caving	0.01		0.01	0.21	0.01		0.01	0.21				0.00
<i>Supplemental</i>												
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	4.76	0.03	4.88	102.52	3.80	0.03	3.92	82.35	-0.96	0.00	-0.96	-20.17

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Interceptor Canal - East	3.03	Inactive	09/10/2010	U
Interceptor Canal - West	1.75	Inactive	10/18/2013	U

DWR Flood System Repair Project Summary

Unit No. 01 West Levee

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
DWR_NA0020_01_s_2012_4	Serious	Erosion	0.62	0.65	Right	39.1712916666667	-121.748868333333
63-2	Serious	Erosion	0.63		Right	39.171317	-121.748731
63-1	Serious	Erosion	0.63		Right	39.171317	-121.748731
DWR_NA0020_01_s_2012_8	Serious	Erosion	0.88	0.88	Right	39.171335	-121.744039

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 provided by the Agency for Part 1.

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

No information provided by the Agency for Part 2.

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

The Agency provided a summary of expenses and maintenance activities accomplished for all levee units. Activities include minor structure maintenance, restoration, roadway maintenance, rodent control, and vegetation control. The reported total maintenance cost for the previous fiscal year was \$105,562.

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 inspection, minor structure maintenance, patrolling, restoration/habitat enhancements, roadway maintenance, rodent control, 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

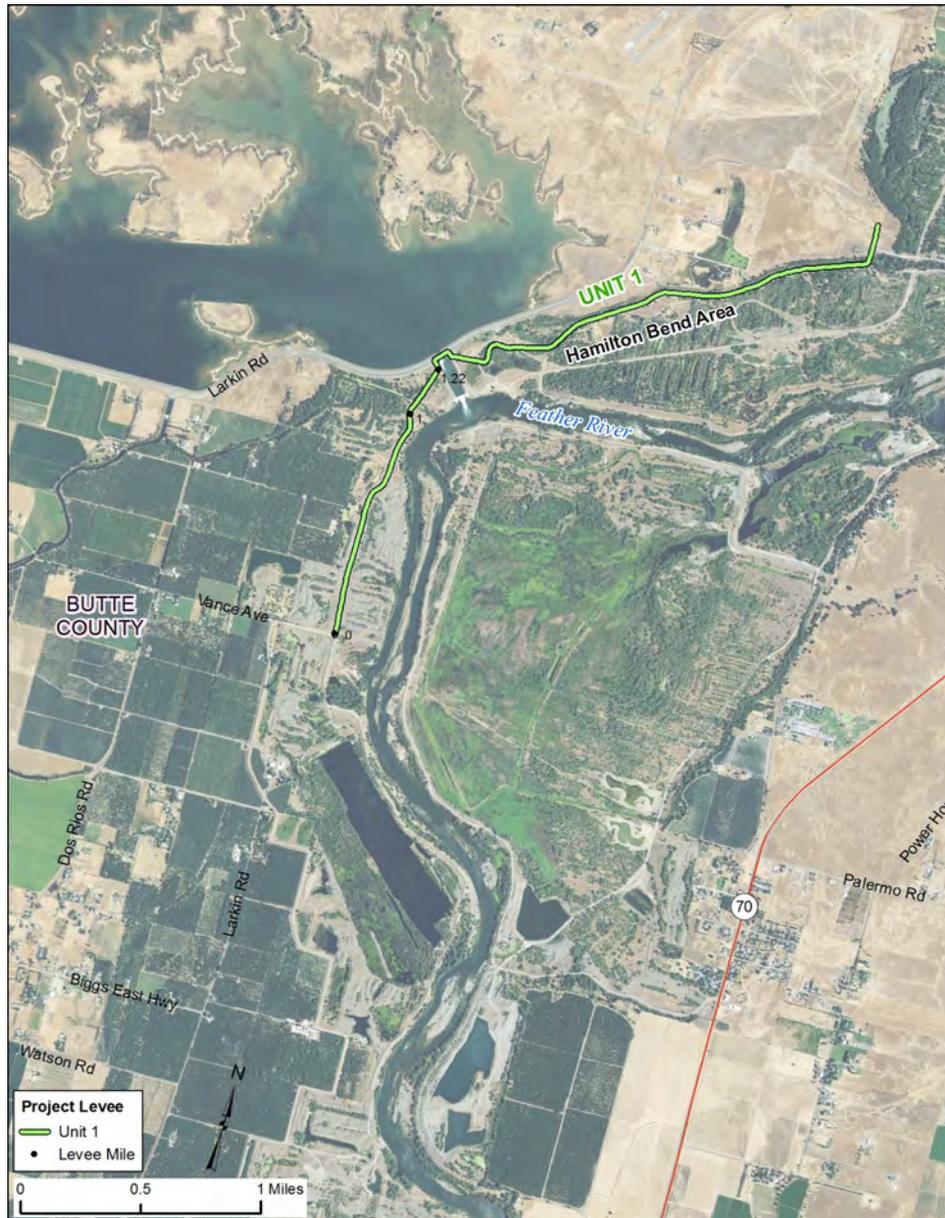
No information provided by the Agency for Part 5.

Sutter Maintenance Yard Hamilton Bend

Butte County

Contact

Karen Hull
Utility Craftworker Superintendent
PO Box 40
Sutter CA 95982
Phone: (530) 755-0071



LMA Short Name : ST0005	Bank	Unit Length (Miles)
Unit No. 01 Feather River Hamilton Bend	RB	3.22

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.

DWR Levee Inspection Summary

ST0005	Total LMA Miles		3.22									
	Fall 2012				Fall 2013				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>												
Trim / Thin Trees					1.95		1.95	60.56	1.95		1.95	60.56
Crown Surface / Depressions / Rutting					0.01		0.01	0.31	0.01		0.01	0.31
<i>Supplemental</i>												
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	0.00	0.00	0.00	0.00	1.96	0.00	1.96	60.87	1.96	0.00	1.96	60.87

Hamilton Bend

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Feather River - Hamilton - northeast of Afterbay	2.10	Active	N/A	N/A
Feather River right bank - Sutter Bypass east bank	66.72	Inactive	09/10/2010	U

DWR Flood System Repair Project Summary

No POI Repair Sites.

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 provided by the Agency for Part 1.

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

No information provided by the Agency for Part 2.

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

No information provided by the Agency for Part 3.

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

The Agency provided a summary of expenses and maintenance activities planned for all levee units. Expenses include costs of roadway maintenance and vegetation control. The reported total estimated cost for the fiscal year is \$8,000.

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 provided by the Agency for Part 5.

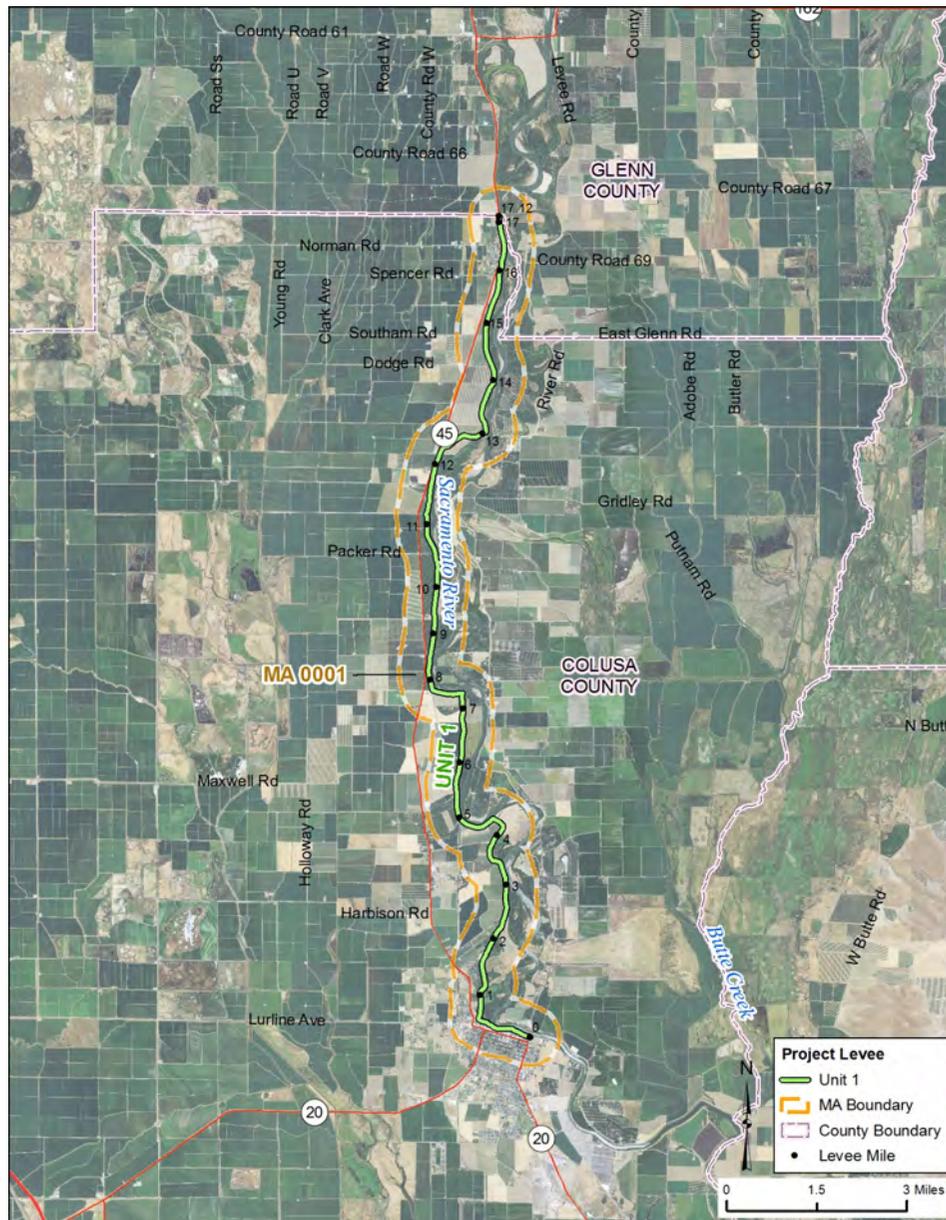
Sutter Maintenance Yard Maintenance Area 0001

Colusa County

Contact

Karen Hull
Utility Craftworker Superintendent
PO Box 40
Sutter CA 95982
Phone: (530) 755-0071

MA 1



LMA Short Name : MA0001	Bank	Unit Length (Miles)
Unit No. 01 Sacramento River	RB	17.12

Threat Assessment & Recommendations

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

DWR Levee Inspection Summary

MA0001	Total LMA Miles		17.12									
	Fall 2012				Fall 2013				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
Animal Control	0.08		0.08	0.47	0.01		0.01	0.06	-0.07		-0.07	-0.41
<i>Supplemental</i>												
USACE Erosion Survey	0.66		0.66	3.86	0.66		0.66	3.86				0.00
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	0.78	0.00	0.78	4.56	0.71	0.00	0.71	4.15	-0.07	0.00	-0.07	-0.41

MA 1

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

Unit No. 01 Sacramento River, LB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
SAC_151-0_R	151.00	5.00	5.38	eroding	M
SAC_154-0_R	154.00	7.42	7.43	repaired	C
SAC_157-7_R	157.70	10.30	10.38	eroding	M
SAC_164-3_R	164.30	16.49	16.69	eroding	M

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Sacramento River west bank	119.72	Inactive	04/03/2013	U

DWR Flood System Repair Project Summary

Unit No. 01 Sacramento River

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
286-35	Serious	Seepage	15.55	16.08	Right	39.39189	-122.01237
USACE_CESPK_MA1C_2010_p_0554	Serious	Erosion	17.009		Right	39.41192	-122.01034
USACE_CESPK_MA1C_2010_p_0542	Serious	Erosion	17.024		Right	39.41214	-122.01001
380-25	Serious	Other	9.01	9.03	Right	39.309699	-122.030893

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 provided by the Agency for Part 1.

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

No information provided by the Agency for Part 2.

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

The Agency provided a summary of expenses and maintenance activities accomplished. Activities include encroachment control, inspections, 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 \$209,430.

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, maintenance overhead, 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 \$284,500.

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 provided by the Agency for Part 5.

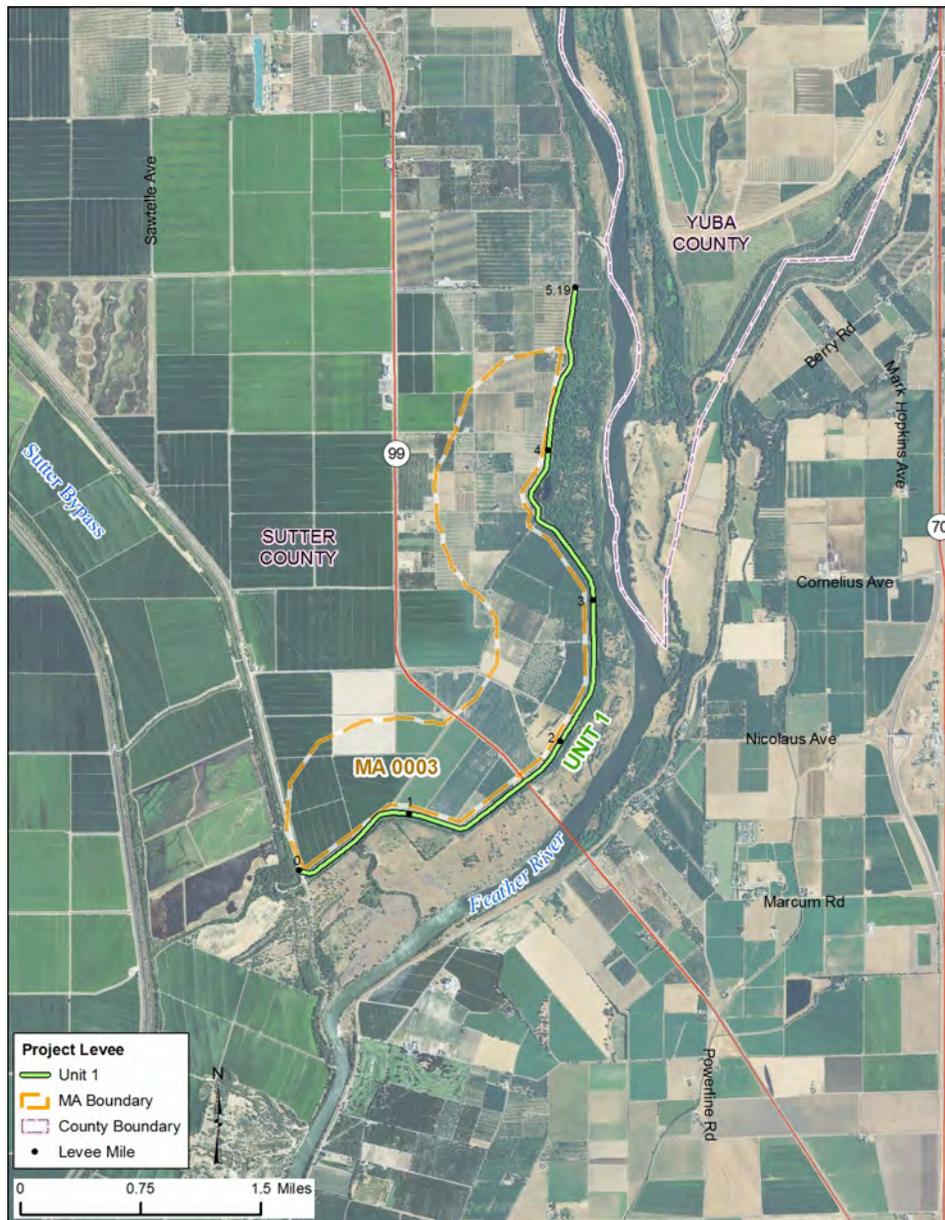
Sutter Maintenance Yard Maintenance Area 0003

MA 3

Sutter County

Contact

Karen Hull
Utility Craftworker Superintendent
PO Box 40
Sutter CA 95982
Phone: (530) 755-0071



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

DWR Levee Inspection Summary

Rated Item	Total LMA Miles		5.19		Fall 2012				Fall 2013				Change			
	Overall LMA Rating				Overall LMA Rating											
	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	0.19	0.01		0.01	0.19				
<i>Interior Drainage & Piping Systems</i>																
Sluice / Slide Gates	0.01		0.01	0.19	0.01		0.01	0.19					0.00			
<i>Supplemental</i>																
DWR UCIP Field Study													0.00			
<i>LMA Totals:</i>	0.01	0.00	0.01	0.19	0.02	0.00	0.02	0.39	0.01	0.00	0.01	0.19				

MA 3

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE 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 Flood System Repair Project Summary

No POI Repair Sites.

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 provided by the Agency for Part 1.

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

No information provided by the Agency for Part 2.

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

The Agency provided a summary of expenses and maintenance activities accomplished. Activities include inspections, minor structure maintenance, roadway maintenance, rodent control, slope dragging, and vegetation control. The reported total maintenance cost for the previous fiscal year was \$52,121.

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, maintenance overhead, 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 \$54,500.

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 provided by the Agency for Part 5.

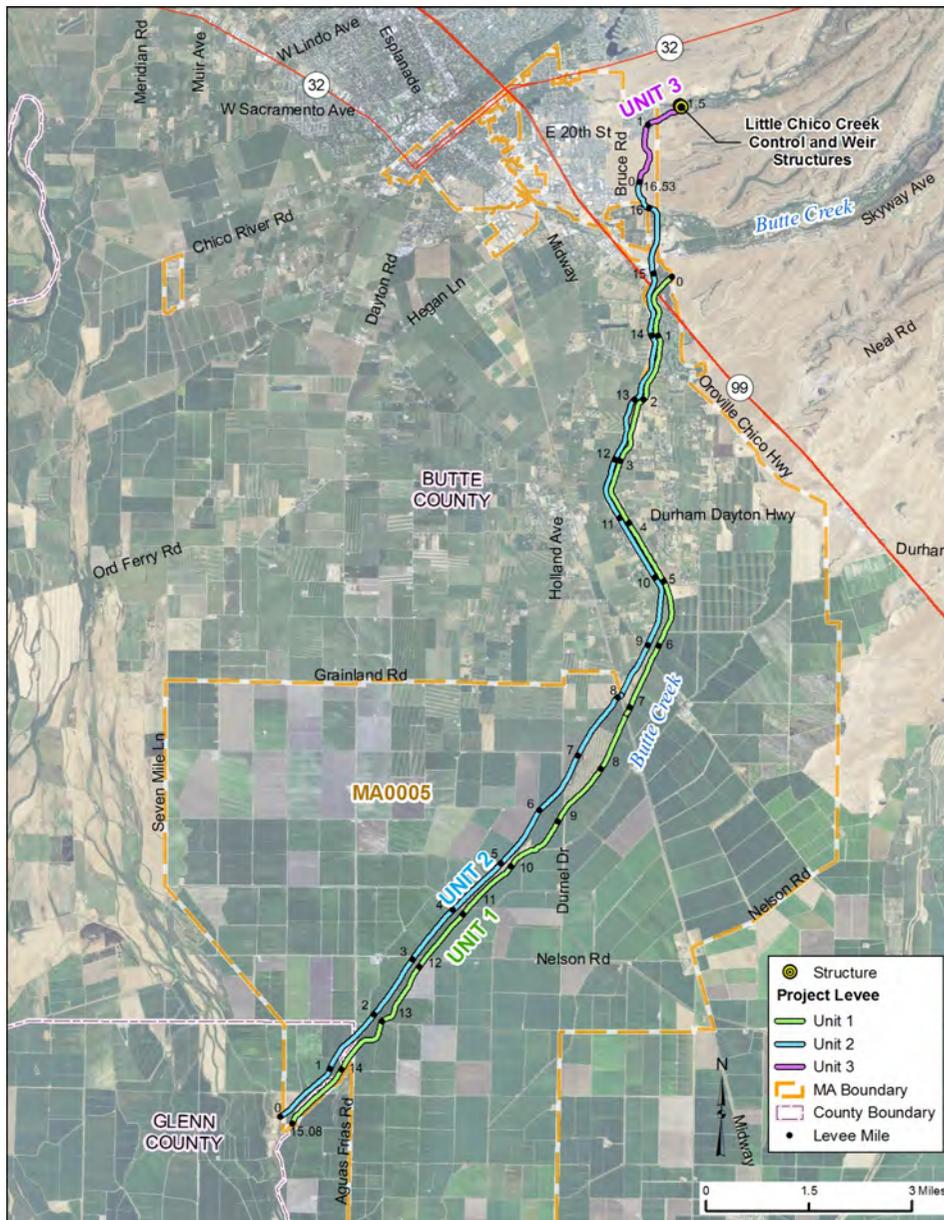
Sutter Maintenance Yard Maintenance Area 0005

MA 5

**Butte County
Glenn County**

Contact

Karen Hull
Utility Craftworker Superintendent
PO Box 40
Sutter CA 95982
Phone: (530) 755-0071



LMA 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.

DWR Levee Inspection Summary

MA0005	Total LMA Miles		33.32									
	Fall 2012				Fall 2013				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	0.09		0.09	0.27	0.08		0.08	0.24	-0.01		-0.01	-0.03
Animal Control	0.01		0.01	0.03	0.01		0.01	0.03				0.00
Slope Stability	0.05		0.05	0.15	0.04		0.04	0.12	-0.01		-0.01	-0.03
Repair Gates	0.02		0.02	0.06	0.01		0.01	0.03	-0.01		-0.01	-0.03
<i>Supplemental</i>												
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	0.19	0.00	0.19	0.57	0.16	0.00	0.16	0.48	-0.03	0.00	-0.03	-0.09

MA 5

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

Unit No. 02 Butte Creek 1, RB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
BTC_2-5_R	0.00	2.50	2.51	removed	A/W

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
MA 05 Unit 1 - Butte Creek left bank	15.08	Inactive	03/26/2013	U
MA 05 Unit 2 - Butte Creek right bank	16.71	Inactive	03/27/2013	U

DWR Flood System Repair Project Summary

Unit : unable to assign

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
263-6	Serious	Seepage	10.7		Right	39.641016793	-121.783046094
263-7	Serious	Seepage	10.76		Right	39.641756521	-121.783606744

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 provided by the Agency for Part 1.

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

No information provided by the Agency for Part 2.

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

The Agency provided a summary of expenses and maintenance activities accomplished. Activities include encroachment removal, inspections, Little Chico Diversion Structure, minor structure maintenance, pipe repair, restoration/habitat enhancements, roadway maintenance, rodent control, slope dragging, and vegetation control. The reported total maintenance cost for the previous fiscal year was \$409,339. The Agency also provided actions taken on inspection items listed by DWR in the inspection report. The actions taken include corrected issues for 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 encroachment removal, diversion structure, maintenance overhead, 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 \$408,500.

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 provided by the Agency for Part 5.

MA 5

Sutter Maintenance Yard Maintenance Area 0007

MA 7

Butte County

Contact

Karen Hull
Utility Craftworker Superintendent
PO Box 40
Sutter CA 95982
Phone: (530) 755-0071

MA 7



LMA 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 focus on repairing erosion sites.

DWR Levee Inspection Summary

Rated Item	Total LMA Miles		Fall 2012		Fall 2013				Change			
	12.07		A		A							
	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
Trim / Thin Trees					0.01		0.01	0.08	0.01		0.01	0.08
Animal Control					0.02		0.02	0.17	0.02		0.02	0.17
Slope Stability	0.36		0.36	2.98					-0.36		-0.36	-2.98
Erosion / Bank Caving					0.06		0.06	0.50	0.06		0.06	0.50
<i>Supplemental</i>												
USACE Erosion Survey	0.02		0.02	0.17	0.02		0.02	0.17				0.00
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	0.38	0.00	0.38	3.15	0.12	0.00	0.12	0.99	-0.26	0.00	-0.26	-2.15

MA 7

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

Unit No. 01 Feather River, RB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
FHR_47-5_R	47.50	1.55	1.55	eroding	M
FHR_50-9_R	50.90	4.37	4.37	eroding new	M

USACE 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 Flood System Repair Project Summary

No POI Repair Sites.

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 provided by the Agency for Part 1.

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

No information provided by the Agency for Part 2.

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

The Agency provided a summary of expenses and maintenance activities accomplished. Activities include encroachment removal, inspections, 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 \$118,845.

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 \$114,300.

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 provided by the Agency for Part 5.

Sutter Maintenance Yard Maintenance Area 0012

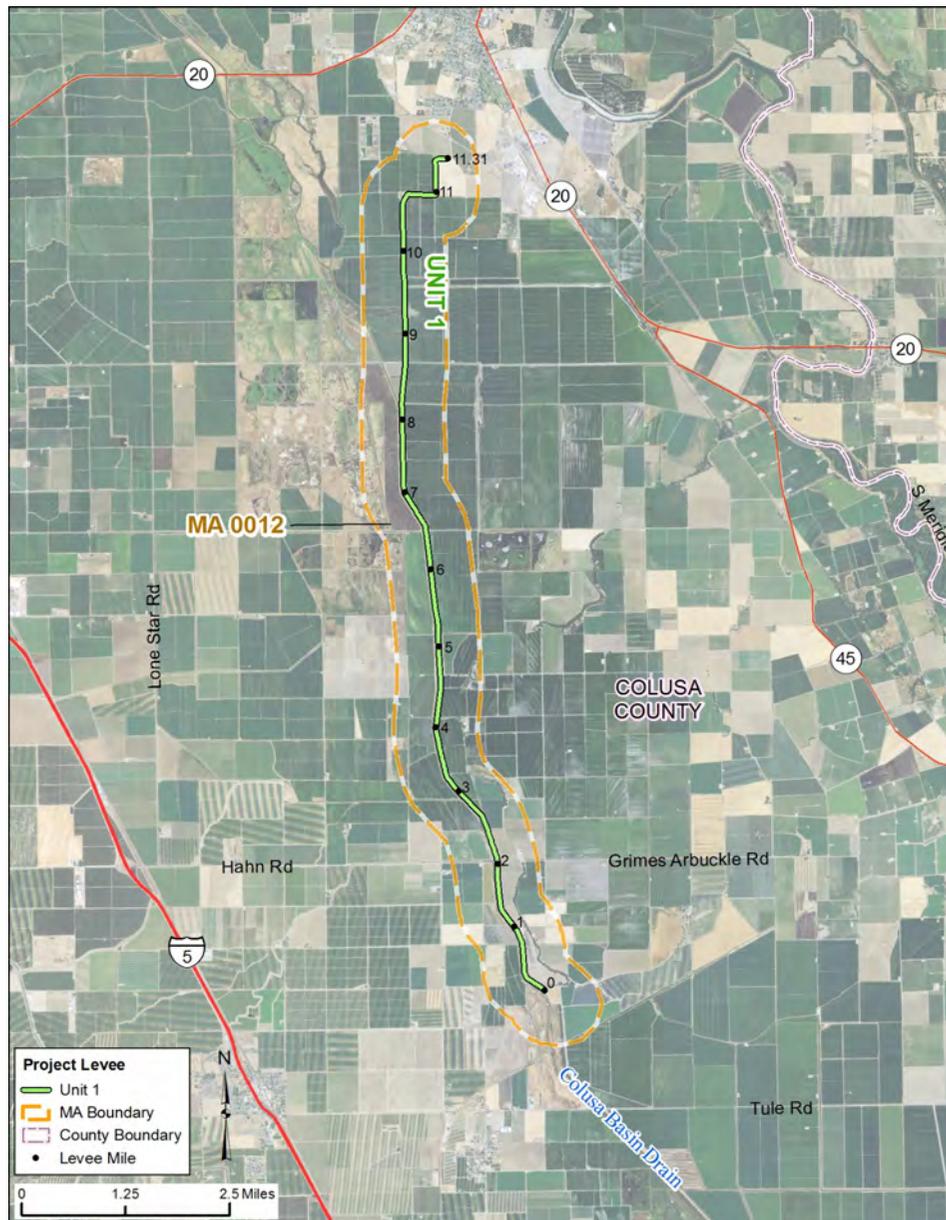
MA 12

Colusa County

Contact

Karen Hull
Utility Craftworker Superintendent
PO Box 40
Sutter CA 95982
Phone: (530) 755-0071

MA 12



LMA 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 more on backfilling rodent holes.

DWR Levee Inspection Summary

Rated Item	Total LMA Miles		Fall 2012		Fall 2013				Change			
	11.31		A		A							
	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
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	0.01	0.00	0.01	0.09	0.04	0.00	0.04	0.35	0.03	0.00	0.03	0.27

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

Unit No. 01 Colusa Drain, LB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
SYC_9-3_L	0.00	9.02	9.02	eroding	M

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Sacramento River west bank	119.72	Inactive	04/03/2013	U

DWR Flood System Repair Project Summary

Unit : unable to assign

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
Obsrv-131055	Critical	Stability	8.1		left	39.13615	-122.022675
Obsrv-131058	Serious	Stability	LM 1.3		Left Bank	39.05132	-122.00304

Unit No. 01 Colusa Drain

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
DWR_MA0012_01_R_2012_01	Serious	Erosion	8.75		Left	39.15422	-122.02172
DWR_MA0012_01_s_2012_7	Serious	Erosion	9.1		Left	39.15812	-122.02168

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 provided by the Agency for Part 1.

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

No information provided by the Agency for Part 2.

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

The Agency provided a summary of expenses and maintenance activities accomplished. Activities include costs of encroachment control, inspections, 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 \$71,716.

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 control, 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 \$98,500.

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 provided by the Agency for Part 5.

Sutter Maintenance Yard Maintenance Area 0013

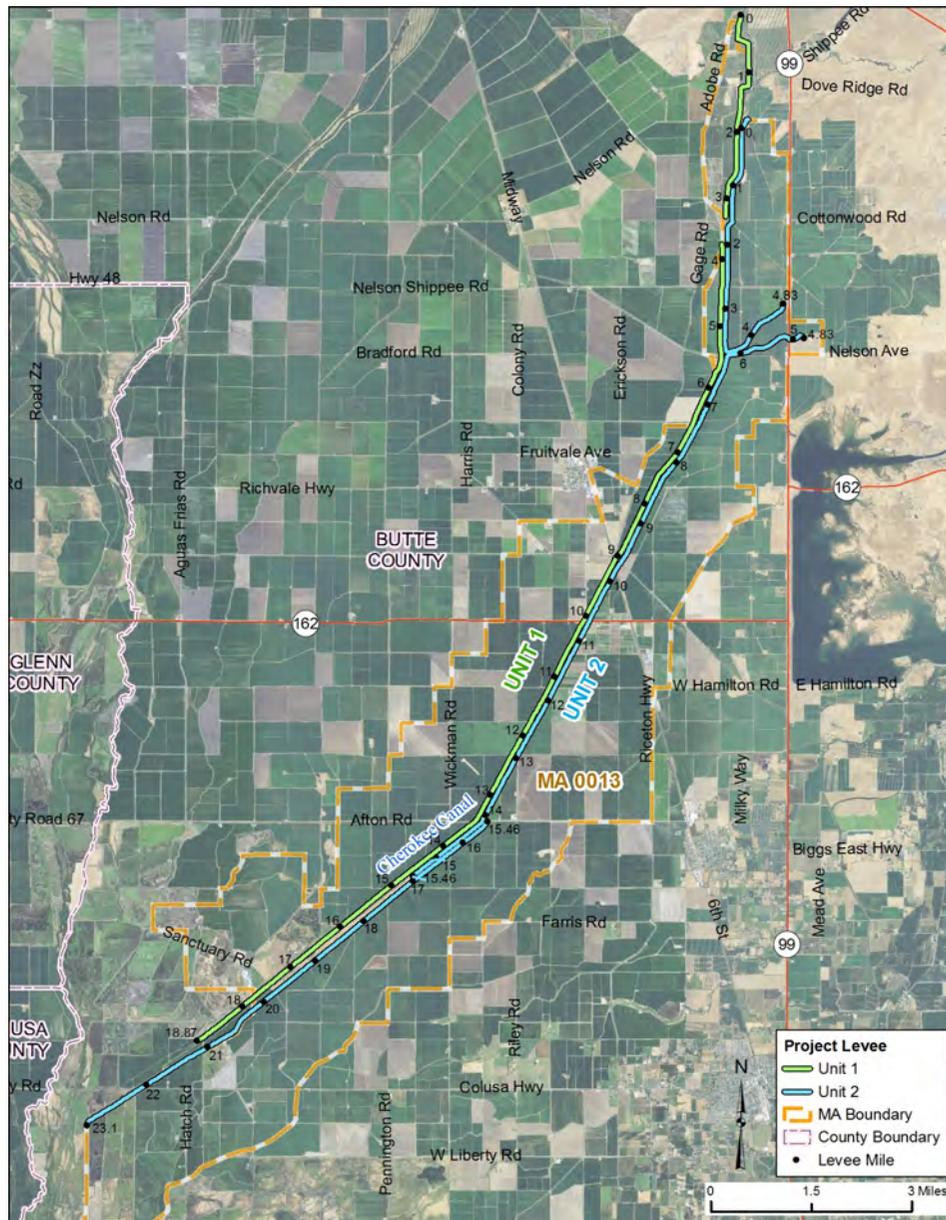
MA 13

Butte County

Contact

Karen Hull
Utility Craftworker Superintendent
PO Box 40
Sutter CA 95982
Phone: (530) 755-0071

MA 13



LMA 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 work with landowners and the CVFPB to control unauthorized encroachments.

DWR Flood System Repair Project Summary

Unit : unable to assign

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
USACE_CESPK_M13E_2011_p_0239	Serious	Erosion	21.729	22.084	Left	39.36514	-121.86193
383-7	Serious	Stability	22.6		Left	39.358253879	-121.875356773
USACE_CESPK_M13E_2011_p_0317	Serious	Stability	22.839		Left	39.35644	-121.87912

Unit No. 01 Cherokee Canal

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
USACE_CESPK_M13D_2011_p_0531	Serious	Stability	17.121		Right	39.38836	-121.82716
USACE_CESPK_M13D_2011_p_0533	Serious	Stability	17.344		Right	39.38631	-121.83033

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 provided by the Agency for Part 1.

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

No information provided by the Agency for Part 2.

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

The Agency provided a summary of expenses and maintenance activities accomplished. Activities include encroachment control, inspections, 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 \$78,522.

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 control, 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 \$240,000.

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 provided by the Agency for Part 5.

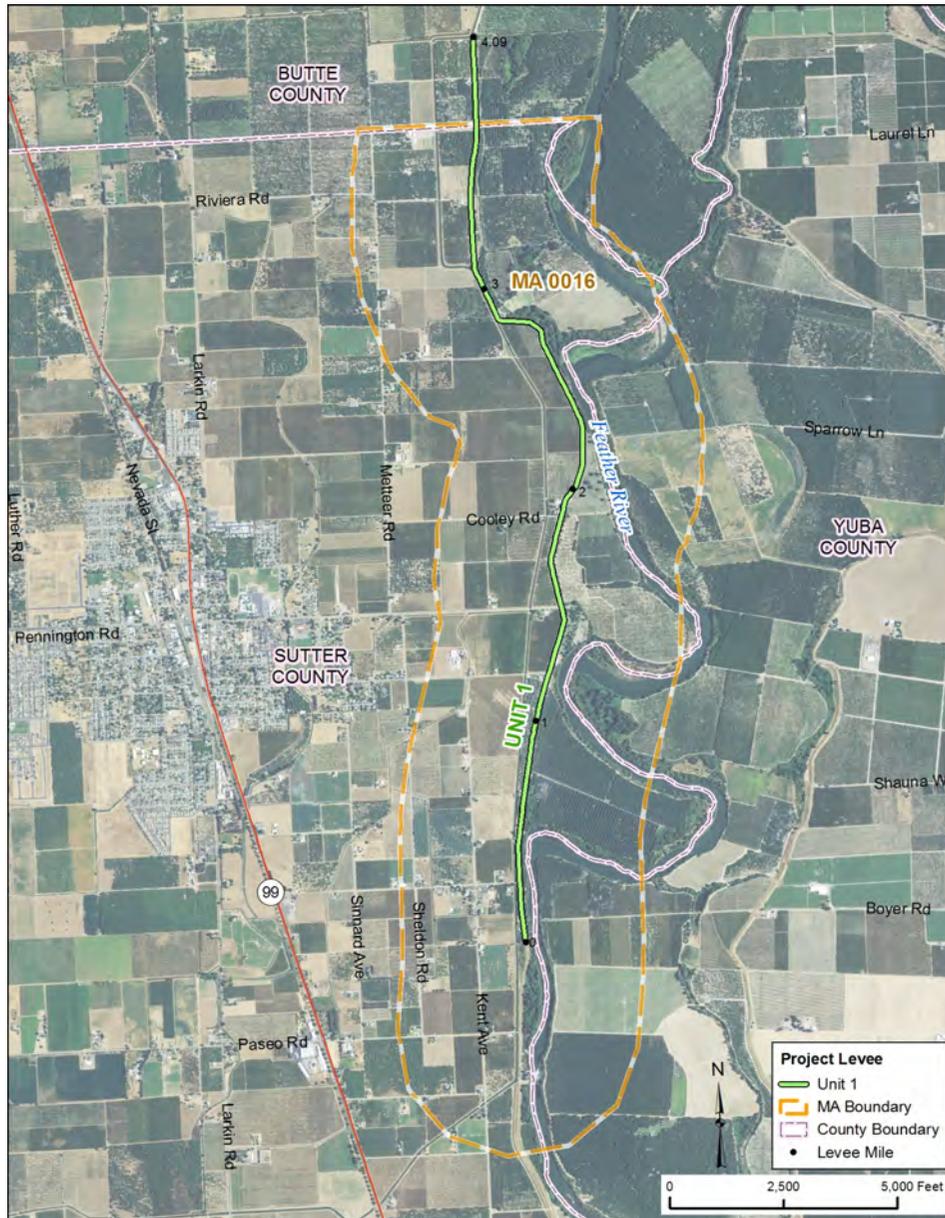
Sutter Maintenance Yard Maintenance Area 0016

Sutter County

MA 16

Contact

Karen Hull
Utility Craftworker Superintendent
PO Box 40
Sutter CA 95982
Phone: (530) 755-0071



LMA Short Name : MA0016	Bank	Unit Length (Miles)
Unit No. 01 Feather River	RB	4.09

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.

DWR Levee Inspection Summary

MA0016	Total LMA Miles		4.09									
	Fall 2012				Fall 2013				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					0.50		0.50	12.23	0.50		0.50	12.23
Animal Control					0.01		0.01	0.24	0.01		0.01	0.24
<i>Supplemental</i>												
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	0.00	0.00	0.00	0.00	0.51	0.00	0.51	12.47	0.51	0.00	0.51	12.47

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

MA 16

USACE 2012 Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE 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 Flood System Repair Project Summary

No POI Repair Sites.

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 provided by the Agency for Part 1.

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

No information provided by the Agency for Part 2.

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

The Agency provided a summary of expenses and maintenance activities accomplished. Activities include encroachment control, inspections, 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 \$48,195.

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 control, minor structure maintenance, mobile equipments, restoration/habitat enhancements, roadway maintenance, rodent control, slope dragging, and vegetation control. The reported total estimated cost for the current fiscal year is \$74,000.

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 provided by the Agency for Part 5.

Sutter Maintenance Yard Maintenance Area 0017

Lake County

MA 17

Contact

Karen Hull
Utility Craftworker Superintendent
PO Box 40
Sutter CA 95982
Phone: (530) 755-0071



LMA 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.
- The LMA should focus more on controlling woody vegetation.

DWR Levee Inspection Summary

MA0017	Total LMA Miles		3.90									
	Fall 2012				Fall 2013				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>Supplemental</i>												
DWR UCIP Field Study												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

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

MA 17

USACE 2012 Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Middle Creek left bank - Unit 1 at Clear Lake	1.33	Inactive	03/05/2013	U
Middle Creek left bank - Unit 1 south	3.51	Active	03/07/2013	M

DWR Flood System Repair Project Summary

Unit No. 01 Lake County Sutter Maintenance Yard - Middle Creek

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
81-10	Critical	Seepage	4.82	4.95	Left	39.134165928	-122.898473345
81-11	Critical	Seepage	4.9		Left	39.13313789	-122.898017313
81-12	Critical	Seepage	4.91		Left	39.132993018	-122.897952556
81-8	Critical	Seepage	5.4	5.5	Left	39.127430866	-122.891919837
Sac-10	Critical	Seepage	5.4	5.4	Left	39.1275	-122.8935

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 provided by the Agency for Part 1.

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

No information provided by the Agency for Part 2.

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

The Agency provided a summary of expenses and maintenance activities accomplished. Activities include encroachment control, inspections, minor structure maintenance, pumping 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 \$56,609.

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 control, 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 \$108,200.

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 provided by the Agency for Part 5.

Sutter Maintenance Yard Murphy Slough at M&T Ranch

Butte County

M&T Ranch

Contact

Karen Hull
Utility Craftworker Superintendent
PO Box 40
Sutter CA 95982
Phone: (530) 755-0071



M&T Ranch

LMA 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.

DWR Levee Inspection Summary

NA0014	Total LMA Miles		0.78									
	Fall 2012				Fall 2013				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	0.49		0.49	62.82	0.38		0.38	48.72	-0.11		-0.11	-14.10
<i>LMA Totals:</i>	0.49	0.00	0.49	62.82	0.38	0.00	0.38	48.72	-0.11	0.00	-0.11	-14.10

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

No Supplemental Erosion Sites.

M&T Ranch

DWR Flood System Repair Project Summary

No POI Repair Sites.

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 provided by the Agency for Part 1.

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

No information provided by the Agency for Part 2.

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

No information provided by the Agency for Part 3.

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

The Agency provided total estimated cost for the current fiscal year as \$10,000.

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 provided by the Agency for Part 5.

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Sutter Maintenance Yard Nelson Bend

Sutter County

Contact

Karen Hull
Utility Craftworker Superintendent
PO Box 40
Sutter CA 95982
Phone: (530) 755-0071

Nelson
Bend



Nelson Bend

LMA 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.

DWR Levee Inspection Summary

ST0006	Total LMA Miles		0.50									
	Fall 2012				Fall 2013				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	0.55		0.55	110.00	0.55		0.55	110.00				0.00
Trim / Thin Trees	0.44		0.44	88.00	0.44		0.44	88.00				0.00
<i>LMA Totals:</i>	0.99	0.00	0.99	198.00	0.99	0.00	0.99	198.00	0.00	0.00	0.00	0.00

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Feather River - Nelsen Bend West Levee	0.55	Active	N/A	N/A

DWR Flood System Repair Project Summary

No POI Repair Sites.

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)

No information provided by the Agency for Part 1.

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

No information provided by the Agency for Part 2.

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

No information provided by the Agency for Part 3.

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

The Agency provided a statement of expenses and maintenance activities. Expenses include costs of vegetation control. The reported total estimated cost for the fiscal year is \$33,000.

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

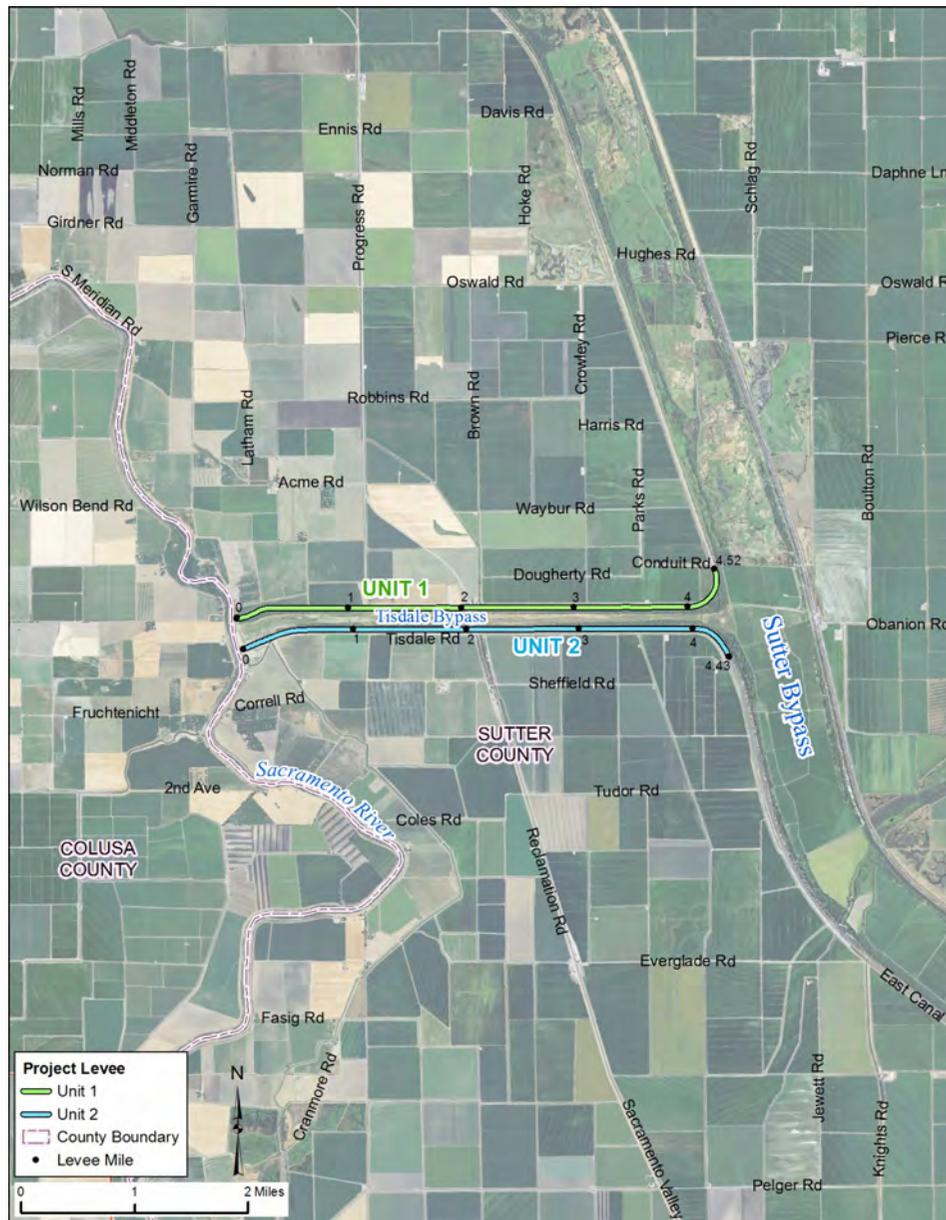
No information provided by the Agency for Part 5.

Sutter Maintenance Yard Tisdale Bypass

Sutter County

Contact

Karen Hull
Utility Craftworker Superintendent
PO Box 40
Sutter CA 95982
Phone: (530) 755-0071



LMA Short Name : ST0009	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 on repairing erosion sites.

DWR Levee Inspection Summary

ST0009	Total LMA Miles		8.93									
	Fall 2012				Fall 2013				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	0.03		0.03	0.34	0.02		0.02	0.22
<i>Supplemental</i>												
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	0.02	0.00	0.02	0.22	0.03	0.00	0.03	0.34	0.01	0.00	0.01	0.11

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

No Supplemental Erosion Sites.

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 0070 and RD 1660 - Sutter Basin North	39.90	Inactive	10/18/2013	U
RD 1500 and Tisdale Bypass - Sutter Basin South	59.22	Inactive	08/21/2012	U

DWR Flood System Repair Project Summary

Unit No. 02 Tisdale Bypass

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
DWR_ST0009_02_s_2012_3	Serious	Erosion	1.01	1.01	Right	39.025542	-121.802468

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 provided by the Agency for Part 1.

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

No information provided by the Agency for Part 2.

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

The Agency provided a summary of expenses and maintenance activities accomplished. Activities include channel maintenance, inspections, 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 \$243,379.

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, encroachment control, levee restoration/habitat enhancements, minor structure maintenance, patrolling, roadways maintenance, rodent control, slope dragging, and vegetation control. The reported total estimated cost for the current fiscal year is \$186,000.

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

No information provided by the Agency for Part 5.

Sutter Maintenance Yard Wadsworth Canal

Sutter County

Contact

Karen Hull
Utility Craftworker Superintendent
PO Box 40
Sutter CA 95982
Phone: (530) 755-0071



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

DWR Levee Inspection Summary

ST0010	Total LMA Miles		9.32									
	Fall 2012				Fall 2013				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	0.03		0.03	0.32	0.02		0.02	0.22	-0.01		-0.01	-0.11
Slope Stability	0.01		0.01	0.11	0.01		0.01	0.11				0.00
Erosion / Bank Caving	0.51		0.51	5.47	0.51		0.51	5.47				0.00
<i>Supplemental</i>												
USACE Erosion Survey	0.05		0.05	0.54	0.05		0.05	0.54				0.00
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	0.60	0.00	0.60	6.44	0.59	0.00	0.59	6.33	-0.01	0.00	-0.01	-0.11

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

USACE 2012 Sacramento River Erosion Summary

Unit No. 01 Wadsworth Canal, LB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
WAD_2-1_L	0.00	1.74	1.74	eroding	M
WAD_2-4_L	0.00	2.43	2.43	eroding	M

Unit No. 02 Wadsworth Canal, RB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
WAD_2-1_R	0.00	1.74	1.74	eroding	M
WAD_2-4_R	0.00	2.44	2.44	eroding	M
WAD_4-3_R	0.00	4.41	4.41	eroding	M

USACE 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	Inactive	10/18/2013	U

DWR Flood System Repair Project Summary

Unit No. 02 Wadsworth Canal

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
DWR_ST0010_02_s_2012_14	Serious	Erosion	3.30	3.30	Right	39.152903	-121.734906
DWR_ST0010_01_s_2012_13	Serious	Erosion	3.31	3.31	Right	39.152875	-121.73432
DWR_ST0010_02_s_2012_4	Serious	Erosion	3.46	3.46	Right	39.155057	-121.733985
DWR_ST0010_02_s_2012_5	Serious	Erosion	3.59	3.99	Right	39.156753	-121.733267
DWR_ST0010_02_s_2012_13	Serious	Erosion	4.48	4.48	Right	39.1686588087	-121.728016103

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 provided by the Agency for Part 1.

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

No information provided by the Agency for Part 2.

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

The Agency provided a summary of expenses and maintenance activities accomplished. Activities include erosion repair, inspection, minor structure maintenance, restoration/habitat enhancement, roadway maintenance, rodent control, seepage control, slope dragging, and vegetation control. The reported total maintenance cost for the previous fiscal year was 61,072.

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 enhancement, roadway maintenance, rodent control, seepage control, slope dragging, and vegetation control. The reported total estimated cost for the current fiscal year is \$145,253.

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 provided by the Agency for Part 5.

Appendix **B**

San Joaquin River Individual Agency Summary Reports

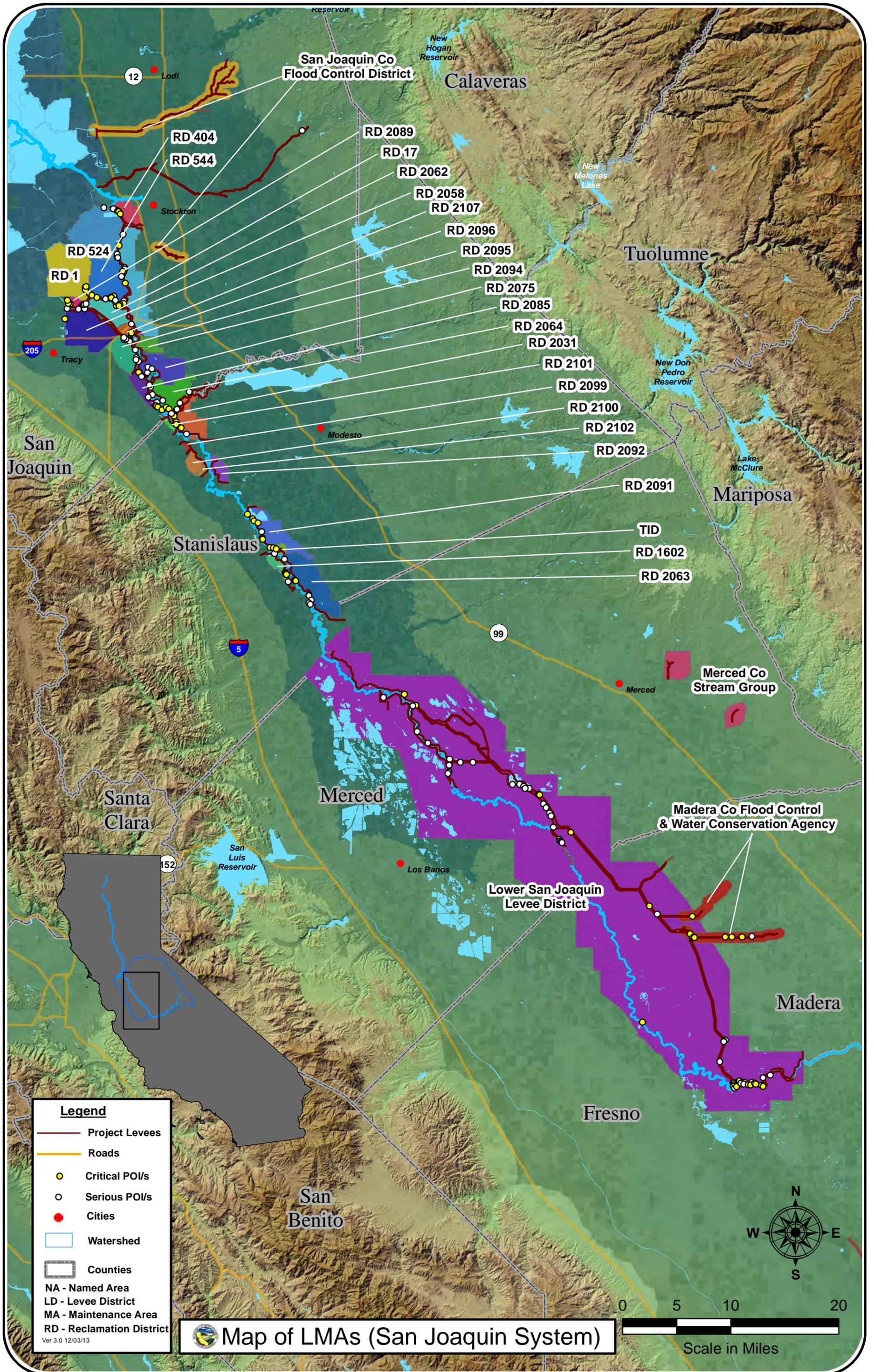
A total of 29 LMAs and 29 local reporting areas for Project Levees are included in the San Joaquin River Flood Control Project. Appendix B includes an index to San Joaquin River System LMAs, a map to show the locations of each reporting area, and individual LMA summary profiles. Appendix B includes:

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

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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	29
Reclamation District No. 2031 Elliot	Stanislaus	RD 2031	RD2031	33
Reclamation District No. 2058 Pescadero	San Joaquin	RD 2058	RD2058	37
Reclamation District No. 2062 Stewart	San Joaquin	RD 2062	RD2062	41
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	87
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	113
Merced Streams Group	Merced	Merced County	NA0013	117
San Joaquin County Flood Control and Water Conservation District	San Joaquin	San Joaquin County	NA0017	121
Turlock Irrigation District Gomes Lake	Stanislaus	TID	NA0065	127

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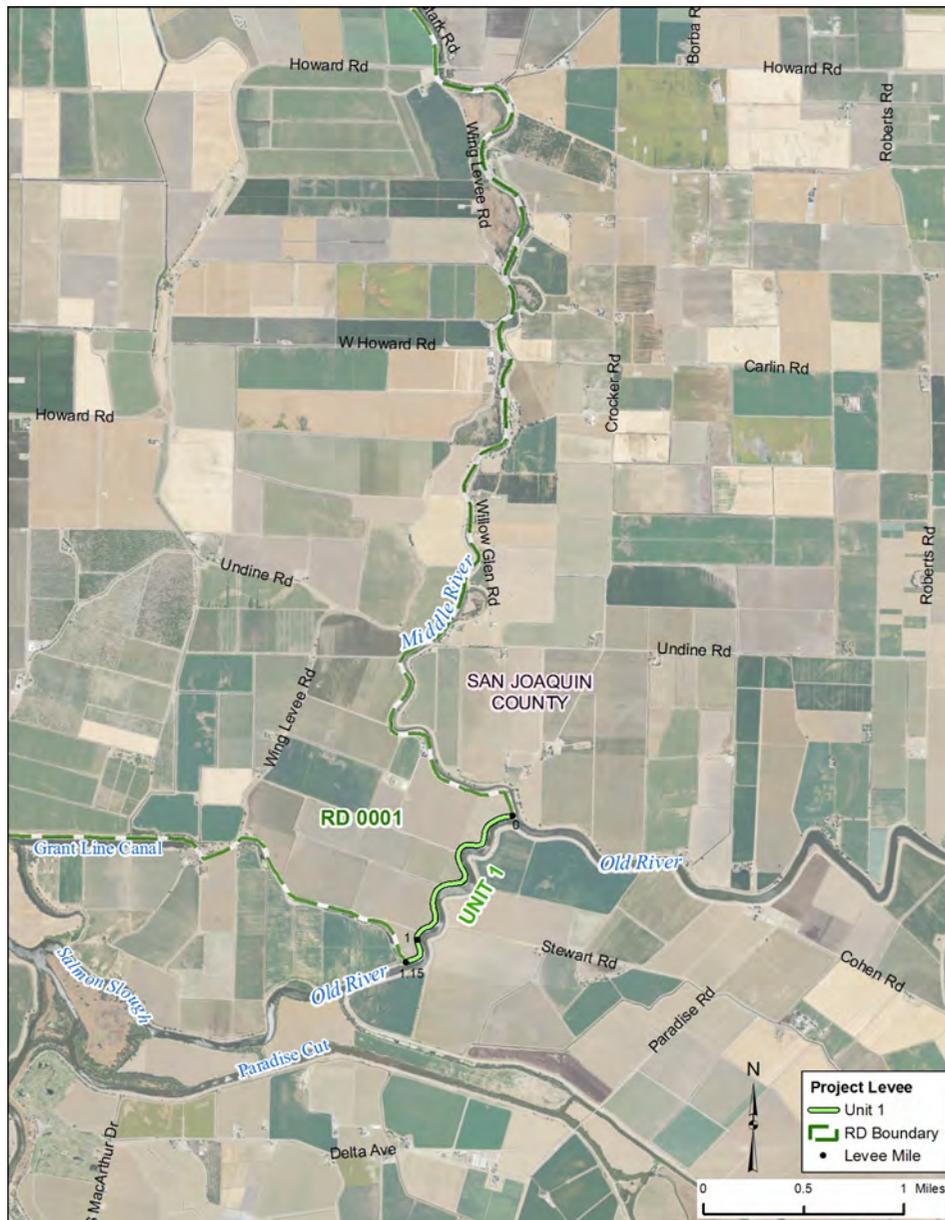


Reclamation District No. 0001 Union Island

San Joaquin County

Contact

Bruno Marchini
Chairman
311 East Main Street Suite 504
Stockton CA 95202
Phone: (209) 943-5551



LMA Short Name : RD0001		Bank	Unit Length (Miles)
Unit No. 01	Old River	RB	1.15

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

Rated Item	Total LMA Miles		Fall 2012		Fall 2013				Change			
	Overall LMA Rating		M *		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	0.01		0.01	0.87	1.39		1.39	120.87	1.38		1.38	120.00
Animal Control	0.03		0.03	2.61	0.04		0.04	3.48	0.01		0.01	0.87
Slope Stability					0.01		0.01	0.87	0.01		0.01	0.87
Erosion / Bank Caving					0.01		0.01	0.87	0.01		0.01	0.87
<i>Supplemental</i>												
DWR Erosion Survey		0.01	0.04	3.48	0.01		0.01	0.87	0.01	-0.01	-0.03	-2.61
<i>LMA Totals:</i>	0.04	0.01	0.08	6.96*	1.46	0.00	1.46	126.96	1.42	-0.01	1.38	120.00

* 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

No Structures Inspected in this District.

DWR Channel Inspection Summary

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	Existing Site	M

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 0001 and RD 2089 - Union Island	3.92	Inactive	06/13/2013	U

DWR Flood System Repair Project Summary

Unit : unable to assign

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
5010-3	Serious	Seepage	1014+00	1014+00	Left	37.82406	-121.37878
DWR_RD0001_01_R_2012_01	Serious	Erosion	1063+00	1073+80	Left	37.83276	-121.38574

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 2013 Levee Inspection Report. The Spring 2013 Levee Inspection Report provided unacceptable rating for the erosion at LM 0.00.

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 2013 Levee Inspection Report. The Spring 2013 Levee Inspection Report provided unacceptable rating for the erosion at LM 0.00.

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

The Agency provided action taken on inspection items listed by DWR in the Inspection Report. The action taken includes active ongoing program in place for encroachment issues, slope stability, erosion, and rodent burrows.

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 budget for the routine maintenance based on prior year's expenditure. The reported total estimated budget for the fiscal year is \$180,000.

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

The Agency reported that there is no new additional information that is relevant to the condition or performance of the Project levee.

Reclamation District No. 0017 Mossdale

San Joaquin County

Contact

Henry Long
President
871 West Yettner
French Camp CA 95231
Phone: (209) 982-1356



LMA 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 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 more on controlling woody vegetation.
- The LMA should focus on repairing erosion sites.

DWR Levee Inspection Summary

Rated Item	Total LMA Miles		Fall 2012		Fall 2013				Change			
	16.24		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	0.03		0.03	0.19	0.04		0.04	0.25	0.01		0.01	0.06
Trim / Thin Trees	0.01		0.01	0.06	0.02		0.02	0.12	0.01		0.01	0.06
Encroachments		0.01	0.04	0.25						-0.01	-0.04	-0.25
<i>Supplemental</i>												
DWR Erosion Survey	0.01	0.02	0.09	0.55		0.03	0.12	0.74	-0.01	0.01	0.03	0.18
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	0.05	0.03	0.17	1.05*	0.06	0.03	0.18	1.11*	0.01	0.00	0.01	0.06

* 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

No Structures Inspected in this District.

DWR Channel Inspection Summary

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	Existing Site	U
RD0017U02RM44.52	44.52	1.28	1.28	River Erosion	New Site	U
RD0017U02RM46.03	46.03	2.78	2.79	River Erosion	New Site	U
RD0017U02RM46.73	46.73	3.46	3.46	Maintenance Erosion	Repaired Site	C

USACE 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 Flood System Repair Project Summary

No POI Repair Sites.

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 2013 Levee Inspection Report. The Spring 2013 Inspection Report provided unacceptable rating for encroachments and vegetation at Levee Unit 2 at various locations. The Spring 2013 Inspection Report also provided unacceptable rating for erosion at Levee Unit 2, LM 1.08 and 3.46.

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 2013 Levee Inspection Report. The Spring 2013 Inspection Report provided unacceptable rating for encroachments and vegetation at Levee Unit 2 at various locations. The Spring 2013 Levee Inspection Report also provided unacceptable rating for erosion at Levee Unit 2, LM 1.08 and 3.46.

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

The Agency provided action taken on inspection items listed by DWR in the inspection report. The action taken includes active ongoing program in place, low priority, work in progress, and others for animal control, encroachments, tree trimming and thinning, and vegetation.

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

The reported total estimated maintenance budget for the fiscal year is \$500,000.

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 is no new information to report for this part.

Reclamation District No. 0404 Boggs

San Joaquin County

Contact

Jason P Cashman
Chairman
PO Box 1461
Stockton CA 95201
Phone: (209) 465-5883

RD 404



LMA 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.
- There is a significant erosion site in this Area that should be monitored.
- The LMA should focus more on controlling woody vegetation.

DWR Levee Inspection Summary

RD0404												
Total LMA Miles		4.12										
Fall 2012					Fall 2013				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	0.22		0.22	5.34	0.05		0.05	1.21	-0.17		-0.17	-4.13
Trim / Thin Trees	0.08	0.07	0.36	8.74	0.10	0.07	0.38	9.22	0.02	0.00	0.02	0.49
Encroachments	0.07	0.01	0.11	2.67	0.08		0.08	1.94	0.01	-0.01	-0.03	-0.73
Animal Control	0.12		0.12	2.91	0.13		0.13	3.16	0.01		0.01	0.24
Slope Stability	0.10		0.10	2.43	0.01		0.01	0.24	-0.09		-0.09	-2.18
Erosion / Bank Caving	0.03		0.03	0.73	0.02	0.01	0.06	1.46	-0.01	0.01	0.03	0.73
Crown Surface / Depressions / Rutting	0.69		0.69	16.75	1.75		1.75	42.48	1.06		1.06	25.73
Riprap Revetments					0.02		0.02	0.49	0.02		0.02	0.49
Operations & Maintenance Manuals					0.04		0.04	0.97	0.04		0.04	0.97
Flood Preparedness & Training					0.04		0.04	0.97	0.04		0.04	0.97
<i>Supplemental</i>												
DWR Erosion Survey		0.10	0.40	9.71		0.10	0.40	9.71				0.00
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	1.31	0.18	2.03	49.27	2.24	0.18	2.96	71.84	0.93	0.00	0.93	22.57

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

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
RD0404U01RM40.98	40.98	0.34	0.34	River Erosion	New Site	U
RD0404U01RM41.11	41.11	0.48	0.48	River Erosion	Existing Site	U
RD0404U01RM41.22	41.22	0.60	0.62	River Erosion	Existing Site	U
RD0404U01RM41.23	41.23	0.62	0.62	River Erosion	Repaired Site	C

USACE 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 Flood System Repair Project Summary

No POI Repair Sites.

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 2013 Levee Inspection Report. The Spring 2013 Levee Inspection Report provided unacceptable rating for waterside erosion at Levee Unit 1, LM 0.21 to 0.26, 0.48, and 0.60 to 0.62. The Spring 2013 Levee Inspection Report also provided unacceptable rating for encroachment at Levee Unit 1 LM 1.98 and for dead tree removal at Levee Unit 2, LM 0.29 to 0.32, 0.36, and 0.41 to 0.44.

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 concurred with the information contained in the Spring 2013 Levee Inspection Report. The Spring 2013 Levee Inspection Report provided unacceptable rating for waterside erosion at Levee Unit 1, LM 0.21 to 0.26, 0.48, and 0.60 to 0.62. The Spring 2013 Levee Inspection Report also provided unacceptable rating for encroachment at Levee Unit 1 LM 1.98 and for dead tree removal at Levee Unit 2, LM 0.29 to 0.32, 0.36, and 0.41 to 0.44.

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

The Agency provided action taken on inspection items listed by DWR in the inspection report. The action taken includes active ongoing program in place and low priority for elderberries, encroachments, erosion, tree trimming and thinning, and vegetation.

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 budget for the routine maintenance based on prior year's expenditure. The reported total estimated budget for the 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 reported that there is no new additional information that is relevant to the condition or performance of the Project levee.

Reclamation District No. 0524 Middle Roberts Island

San Joaquin County

Contact

Daniel Roza, Jr
President
6800 South Roberts Road
Stockton CA 95206
Phone: (209) 462-4906



LMA Short Name : RD0524	Bank	Unit Length (Miles)
Unit No. 01 San Joaquin River	LB	6.26

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.

DWR Levee Inspection Summary

RD0524													
		Total LMA Miles		6.26									
		Fall 2012				Fall 2013				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	0.27	0.29	1.43	22.84	0.17	0.30	1.37	21.88	-0.10	0.01	-0.06	-0.96	
Trim / Thin Trees	0.73	0.22	1.61	25.72	0.90	0.09	1.26	20.13	0.17	-0.13	-0.35	-5.59	
Encroachments	0.22	0.02	0.30	4.79	0.09	0.02	0.17	2.72	-0.13		-0.13	-2.08	
Animal Control	0.35		0.35	5.59	0.32		0.32	5.11	-0.03		-0.03	-0.48	
Slope Stability	0.14	0.02	0.22	3.51	0.22	0.01	0.26	4.15	0.08	-0.01	0.04	0.64	
Erosion / Bank Caving	0.19	0.33	1.51	24.12	0.11	0.01	0.15	2.40	-0.08	-0.32	-1.36	-21.73	
Crown Surface / Depressions / Rutting	0.01		0.01	0.16	0.05		0.05	0.80	0.04		0.04	0.64	
Operations & Maintenance Manuals	0.06		0.06	0.96	0.06		0.06	0.96				0.00	
Emergency Supplies & Equipment					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				0.00	
<i>Interior Drainage & Piping Systems</i>													
Metal Pipes	0.01		0.01	0.16	0.01		0.01	0.16				0.00	
<i>Supplemental</i>													
DWR Erosion Survey	0.07	0.29	1.23	19.65	0.02	0.49	1.98	31.63	-0.05	0.20	0.75	11.98	
<i>LMA Totals:</i>	2.12	1.17	6.80	108.63	2.08	0.92	5.76	92.01	-0.04	-0.25	-1.04	-16.61	

RD 524

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

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
RD0524U01RM40.85	40.85	0.18	0.18	River Erosion	New Site	U
RD0524U01RM40.99	40.99	0.40	0.40	River Erosion	Existing Site	U
RD0524U01RM41.15	41.15	0.53	0.60	River Erosion	Repaired Site	C
RD0524U01RM41.39	41.39	0.77	0.78	River Erosion	Existing Site	U
RD0524U01RM41.44	41.44	0.83	0.84	River Erosion	New Site	U
RD0524U01RM41.5	41.5	0.91	0.91	River Erosion	Existing Site	U
RD0524U01RM41.59	41.59	1.00	1.01	River Erosion	Repaired Site	C
RD0524U01RM41.58	41.58	1.00	1.00	River Erosion	Existing Site	U
RD0524U01RM41.79	41.79	1.16	1.24	River Erosion	Existing Site	U
RD0524U01RM41.92	41.92	1.29	1.32	River Erosion	Existing Site	U
RD0524U01RM42.03	42.03	1.39	1.39	River Erosion	Existing Site	U
RD0524U01RM42.09	42.09	1.45	1.47	River Erosion	New Site	U
RD0524U01RM42.2	42.2	1.58	1.64	River Erosion	Existing Site	U
RD0524U01RM42.79	42.79	2.19	2.19	River Erosion	Existing Site	U
RD0524U01RM42.84	42.84	2.25	2.28	River Erosion	New Site	U
RD0524U01RM42.93	42.93	2.31	2.33	River Erosion	Existing Site	U
RD0524U01RM43.23	43.23	2.65	2.65	River Erosion	Existing Site	U
RD0524U01RM43.52	43.52	2.96	2.96	Maintenance Erosion	Existing Site	U
RD0524U01RM43.83	43.83	3.23	3.31	River Erosion	Repaired Site	C
RD0524U01RM43.86	43.86	3.29	3.31	River Erosion	New Site	U
RD0524U01RM44.13	44.13	3.55	3.58	River Erosion	Existing Site	U
RD0524U01RM45.07	45.07	4.53	4.54	River Erosion	Existing Site	U
RD0524U01RM45.27	45.27	4.71	4.71	Maintenance Erosion	Existing Site	M
RD0524U01RM45.97	45.97	5.38	5.38	Maintenance Erosion	Existing Site	U
RD0524U01RM46.06	46.06	5.61	5.61	River Erosion	New Site	M
RD0524U01RM46.12	46.12	5.65	5.66	Maintenance Erosion	Existing Site	U
RD0524U01RM46.39	46.39	5.86	5.86	River Erosion	Existing Site	U

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 0524 and RD 0544 - Roberts Island	16.37	Inactive	08/21/2012	U

DWR Flood System Repair Project Summary

Unit : unable to assign

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
Obsrv-134068	Serious				Right	37.94013	-121.35621
Obsrv-134071	Serious		0.765	0.775	Left	37.936821	-121.334582
Obsrv-134072	Serious		1.00	1.03	Left	37.93541	-121.33156
Obsrv-134073	Critical		1.16	1.24	Left	37.933347	-121.32911
Obsrv-134079	Serious		5.86	5.86	Left	37.87437	-121.33285

RD 524

Unit No. 01 San Joaquin River

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
Obsrv-134069	Serious	Erosion	0.4	0.4	Left	37.93887	-121.34046
DWR_RD0524_01_s_2012_99	Critical	Erosion	0.91	0.91	Left	37.93558	-121.33320
188-47	Critical	Seepage	1.03	1.03	Left	37.93484	-121.33119
DWR_RD0524_01_s_2012_21	Critical	Erosion	1.29	1.33	Left	37.93186	-121.32831
Obsrv-134075	Serious	Erosion	3.545	3.575	Left	37.90463	-121.32361
DWR_RD0524_01_s_2012_47	Critical	Erosion	4.76	4.76	Left	37.88981	-121.32934
DWR_RD0524_01_s_2012_55	Serious	Erosion	5.66	5.66	Left	37.87788	-121.33255
DWR_RD0524_01_s_2012_933	Serious	Erosion	6.05	6.05	Left	37.87305	-121.33141

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 2013 Levee Inspection Report. The Spring 2013 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 2013 Levee Inspection Report. The Spring 2013 Levee Inspection Report provided unacceptable ratings for encroachment, erosion, and vegetation at various locations.

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

The Agency provided action taken on inspection items listed by DWR in the inspection report. The action taken includes active ongoing program in place and low priority for crown depression, elderberries, encroachments, erosion, rodent control, slope stability, tree trimming and thinning, and vegetation.

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 budget for the routine maintenance based on prior year's expenditure. The reported total estimated budget for the fiscal year is \$74,000.

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 is no new additional information that is relevant to the condition or performance of the Project levee.

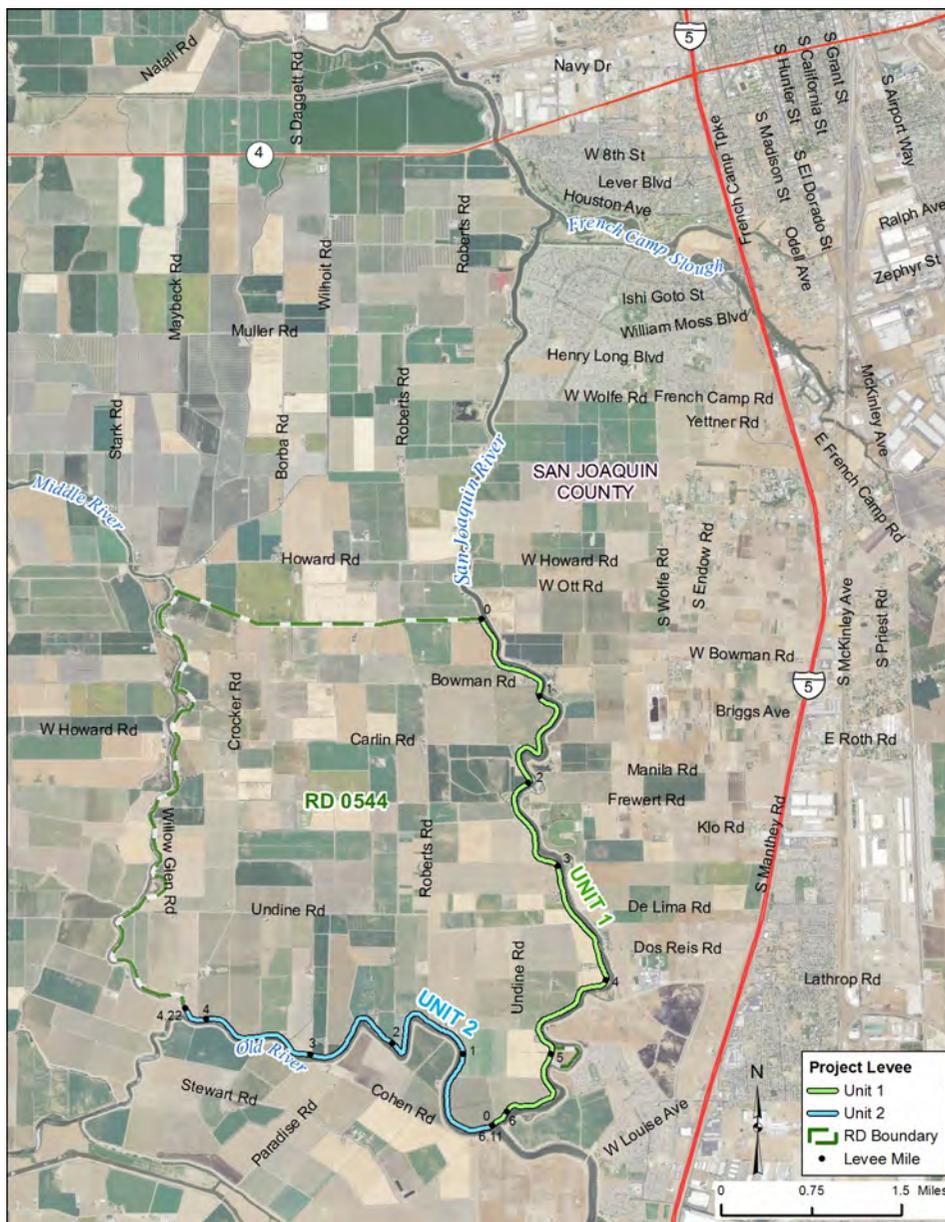
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Reclamation District No. 0544 Upper Roberts Island

San Joaquin County

Contact

Jerry Robinson
Chairman
311 East Main Street Suite 504
Stockton CA 95202
Phone: (209) 943-5551



LMA Short Name : RD0544		Bank	Unit Length (Miles)
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.

DWR Levee Inspection Summary

Rated Item	Total LMA Miles		10.33									
	Fall 2012				Fall 2013				Change			
	Overall LMA Rating				Overall LMA Rating							
	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	4.88	0.10	5.28	51.11	8.04	0.57	10.32	99.90	3.16	0.47	5.04	48.79
Trim / Thin Trees	0.02		0.02	0.19	0.09		0.09	0.87	0.07		0.07	0.68
Encroachments	0.17	0.01	0.21	2.03	0.05	0.01	0.09	0.87	-0.12		-0.12	-1.16
Animal Control	0.27		0.27	2.61	0.29		0.29	2.81	0.02		0.02	0.19
Slope Stability	0.04	0.02	0.12	1.16	0.07		0.07	0.68	0.03	-0.02	-0.05	-0.48
Erosion / Bank Caving	0.03	0.01	0.07	0.68	0.02	0.01	0.06	0.58	-0.01		-0.01	-0.10
Crown Surface / Depressions / Rutting	0.71	0.01	0.75	7.26	0.63		0.63	6.10	-0.08	-0.01	-0.12	-1.16
Flood Preparedness & Training	0.10		0.10	0.97	0.10		0.10	0.97				0.00
<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				0.00
Encroachments		0.01	0.04	0.39						-0.01	-0.04	-0.39
<i>Supplemental</i>												
DWR Erosion Survey		0.05	0.20	1.94	0.05	0.03	0.17	1.65	0.05	-0.02	-0.03	-0.29
<i>LMA Totals:</i>	6.22	0.23	7.14	69.12	9.34	0.64	11.90	115.20	3.12	0.41	4.76	46.08

RD 544

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

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
RD0544U01RM48.81	48.81	2.01	2.01	River Erosion	Existing Site	U
RD0544U01RM49.67	49.67	2.94	2.94	River Erosion	Existing Site	U
RD0544U01RM51.04	51.04	4.21	4.22	Maintenance Erosion	New Site	M
RD0544U01RM51.09	51.09	4.32	4.32	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
RD0544U02RM33.21	33.21	2.34	2.34	River Erosion	Existing Site	M
RD0544U02RM32.91	32.91	2.65	2.67	River Erosion	Existing Site	M

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 0524 and RD 0544 - Roberts Island	16.37	Inactive	08/21/2012	U

DWR Flood System Repair Project Summary

Unit : unable to assign

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
5008-108	Critical	Seepage	1015+00	1016+00	Right	37.82494	-121.37898
5008-107	Critical	Seepage	1043+50	1045+50	Right	37.82903	-121.38581
5008-101	Critical	Stability	1061+50	1063+50	Right	37.83377	-121.38500
Obsrv-134090	Serious	Erosion	2.65	2.67	Right	37.81787	-121.35142

Unit No. 01 San Joaquin River

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
189-FOC-1	Serious	Seepage	1.03	1.03	Left	37.86007	-121.31987
189-29	Serious	Seepage	1.23	1.23	Left	37.85797	-121.31947
189-FOC-2	Serious	Seepage	1.58	1.58	Left	37.85411	-121.32147
189-109	Critical	Seepage	1.65	1.65	Left	37.85492	-121.32304
189-FOC-3	Serious	Seepage	2.26	2.26	Left	37.84829	-121.32488
189-FOC-4	Serious	Seepage	2.28	2.28	Left	37.84829	-121.32488
189-16	Critical	Seepage	3.09	3.09	Left	37.83888	-121.31821
189-FOC-8	Serious	Seepage	5.27	5.27	Left	37.81525	-121.32054
189-4	Critical	Seepage	5.61	5.61	Left	37.81183	-121.32098
189-FOC-10	Serious	Seepage	5.95	5.95	Left	37.81023	-121.32634

Unit No. 02 Old River

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
334-102	Critical	Seepage	0.01	0.24	Right	37.80882	-121.32885
334-28	Critical	Seepage	0.01	0.01	Right	37.80886	-121.32892
334-100	Critical	Seepage	0.24	0.40	Right	37.80872	-121.33266
334-FOC-3	Critical	Seepage	0.44	0.44	Right	37.80868	-121.32832
334-FOC-4	Critical	Seepage	0.55	0.55	Right	37.80868	-121.32832
334-FOC-5	Critical	Seepage	0.58	0.58	Right	37.80868	-121.32832
334-FOC-6	Critical	Seepage	0.65	0.65	Right	37.80868	-121.32832
334-106	Critical	Seepage	0.70	0.75	Right	37.81420	-121.33427
334-FOC-8	Critical	Seepage	0.70	0.70	Right	37.80868	-121.32832
334-FOC-9	Critical	Seepage	0.80	0.80	Right	37.80868	-121.32832
334-FOC-11	Serious	Seepage	1.37	1.37	Right	37.82115	-121.33733
334-FOC-12	Critical	Seepage	1.41	1.43	Right	37.82144	-121.33795
334-23	Critical	Seepage	1.42	1.42	Right	37.82152	-121.33807
334-FOC-14	Critical	Seepage	1.75	1.75	Right	37.82001	-121.34152
334-19	Critical	Seepage	1.88	1.88	Right	37.81824	-121.34193
334-FOC-15	Critical	Seepage	1.89	1.89	Right	37.81929	-121.34146
334-FOC-16	Critical	Seepage	1.93	1.93	Right	37.81929	-121.34146
334-111	Critical	Seepage	3.63	3.63	Right	37.81960	-121.36639
334-103	Critical	Seepage	4.13	4.15	Right	37.82240	-121.37441

RD 544

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 2013 Levee Inspection Report. The Spring 2013 Levee Inspection Report provided unacceptable ratings for erosion and bank caving at Levee Unit 1, LM 2.01, 2.28, and 2.94 and at Levee Unit 2, LM 2.34 and 2.65 to 2.67; encroachment and vegetation at various locations of all levee units; and slope stability 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 2013 Levee Inspection Report. The Spring 2013 Levee Inspection Report provided unacceptable ratings for erosion and bank caving at Levee Unit 1, LM 2.01, 2.28, and 2.94 and at Levee Unit 2, LM 2.34 and 2.65 to 2.67; encroachment and vegetation at various locations of all levee units; and slope stability 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 provided action taken on inspection items listed by DWR in the inspection report. The action taken includes active ongoing program in place and low priority for crown depression, encroachment, slope stability, 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 estimated budget for the routine maintenance based on prior year's expenditure. The reported total estimated budget for the fiscal year is \$150,000.

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

The Agency reported that there is no new additional information that is relevant to the condition or performance of the Project levee.

RD 544

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Reclamation District No. 1602 Del Puerto

San Joaquin County

Contact

Dan Roberts
Manager
District Office
2012 Apple Avenue
Patterson CA 95363
Phone: (209) 605-7117

RD 1602



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

DWR Levee Inspection Summary

Rated Item	Total LMA Miles		6.29									
	Fall 2012				Fall 2013				Change			
	Overall LMA Rating				Overall LMA Rating							
	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	2.10		2.10	33.39	1.68		1.68	26.71	-0.42		-0.42	-6.68
Encroachments	0.04		0.04	0.64	0.02		0.02	0.32	-0.02		-0.02	-0.32
Animal Control	0.55		0.55	8.74	0.47	0.02	0.55	8.74	-0.08	0.02		0.00
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
<i>LMA Totals:</i>	2.76	0.00	2.76	43.88	2.24	0.02	2.32	36.88	-0.52	0.02	-0.44	-7.00

RD 1602

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

DWR San Joaquin River Erosion Summary

No Supplemental Erosion Sites.

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 1602 - Del Puerto	6.26	Inactive	08/16/2013	U

DWR Flood System Repair Project Summary

Unit No. 01 San Joaquin River

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
190-108	Serious	Seepage	1.50	2.00	Left	37.47861	-121.06028
190-FOC-1	Critical	Seepage	3.93	3.93	Left	37.45362	-121.04241
190-FOC-2	Critical	Seepage	4.06	4.06	Left	37.45199	-121.04124
190-5	Critical	Seepage	4.18	4.18	Left	37.45093	-121.03999
190-104	Critical	Seepage	4.27	4.28	Left	37.45093	-121.03999
190-101	Critical	Seepage	4.46	4.49	Left	37.45093	-121.03999
190-103	Serious	Seepage	4.91	5.22	Left	37.44100	-121.03693

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 and also mentioned that most of the rodent holes has been grouted. The Spring 2013 Levee Inspection Report provided unacceptable rating for rodent control.

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 include 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 hole grouting, tree thinning and trimming, 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 reported that there is no new additional information that is relevant to the condition or performance of the Project levee.

Reclamation District No. 2031 Elliot

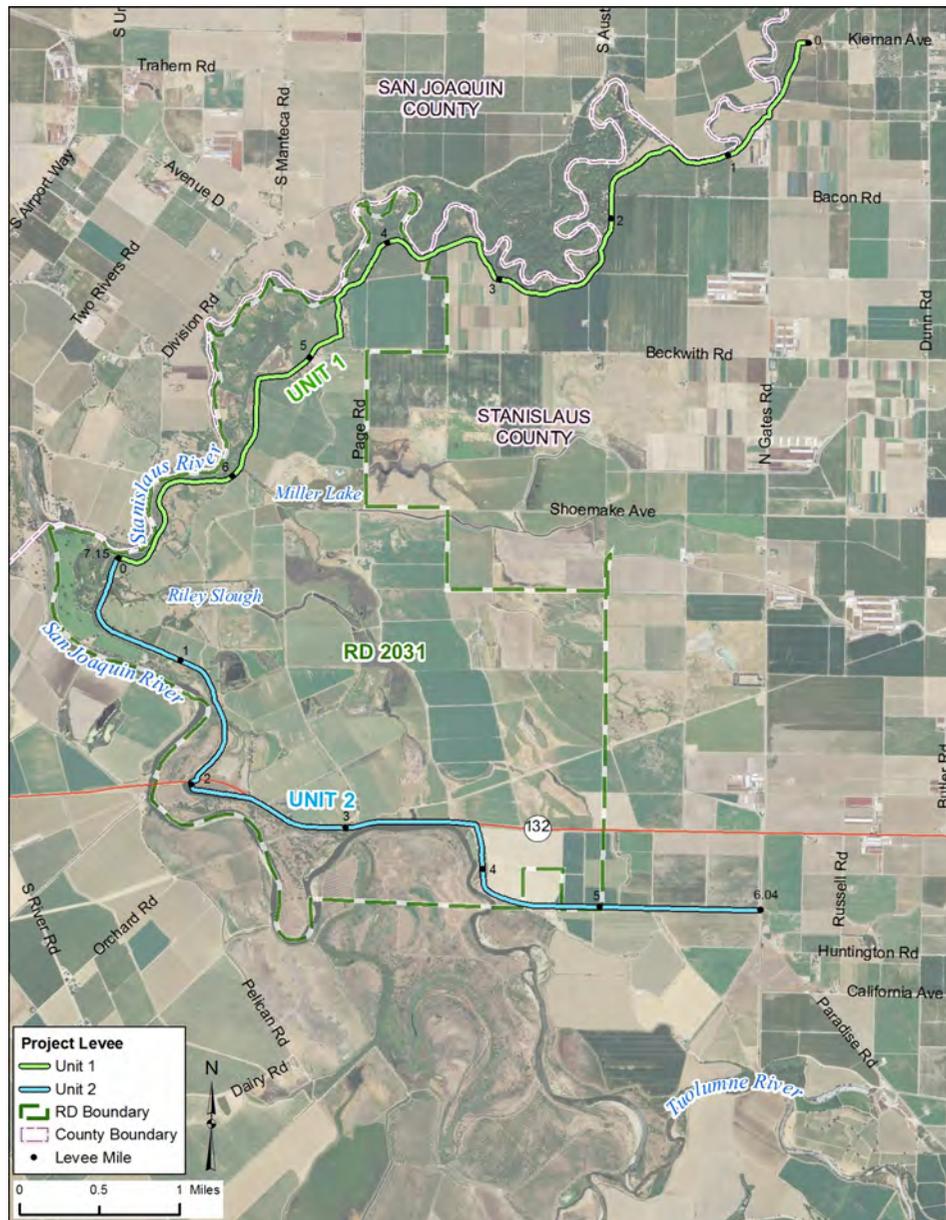
RD 2031

Stanislaus County

Contact

William Lyons, Jr
Manager
10555 Maze Boulevard
Modesto CA 95358
Phone: (209) 522-1762

RD 2031



LMA 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.
- The LMA should focus more on controlling woody vegetation.

DWR Levee Inspection Summary

RD2031													
		Total LMA Miles		13.19									
		Fall 2012				Fall 2013				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	0.01		0.01	0.08	-0.01		-0.01	-0.08	
Trim / Thin Trees	0.61		0.61	4.63	0.61		0.61	4.63				0.00	
Encroachments	0.52		0.52	3.94	0.04		0.04	0.30	-0.48		-0.48	-3.64	
Animal Control	0.14	0.03	0.26	1.97	0.03	0.01	0.07	0.53	-0.11	-0.02	-0.19	-1.44	
Erosion / Bank Caving	0.03	0.01	0.07	0.53	0.03		0.03	0.23		-0.01	-0.04	-0.30	
Crown Surface / Depressions / Rutting	0.07		0.07	0.53	0.07		0.07	0.53				0.00	
Seepage / Sandboils												0.00	
<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	
<i>LMA Totals:</i>	1.43	0.05	1.63	12.36	0.83	0.01	0.87	6.60*	-0.60	-0.04	-0.76	-5.76	

* 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

No Structures Inspected in this District.

DWR Channel Inspection Summary

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
RD2031U02RM78.7	78.7	4.33	4.37	River Erosion	Not Rated	A/W

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 2031 - Elliot	13.03	Inactive	08/16/2013	U

DWR Flood System Repair Project Summary

Unit No. 01 Stanislaus River

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
191-FOC-2	Serious	Seepage	7.13	7.13	Left	37.66186	-121.23284

Unit No. 02 San Joaquin River

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
341-100	Critical	Seepage	0.00	0.20	Right	37.66174	-121.23305
DWR_RD2031_01_R_2012_01	Critical	Seepage	0.80	1.20	Right	37.65377	-121.22914
341-101	Critical	Seepage	1.73	2.00	Right	37.64595	-121.22026
341-FOC-6	Serious	Seepage	2.77	2.77	Right	37.63766	-121.21134

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 provided by the Agency for Part 1.

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

No information provided by the Agency for Part 2.

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

The Agency provided a summary of maintenance activities accomplished for all levee units. Activities include encroachment control, inspections, patrolling, restoration, roadway grading, rodent baiting and trapping, tree removal, thinning and trimming, 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 for all levee units. Expenses include costs of encroachment control, inspections, patrolling, restoration, roadway grading, rodent baiting and trapping, tree removal, thinning and trimming, and vegetation mowing and spraying. The reported total estimated cost for the fiscal year is \$9,000.

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 provided by the Agency for Part 5.

Reclamation District No. 2058 Pescadaro

RD 2058

San Joaquin County

Contact

Nat Bacchetti
President
District Office
3650 West Canal Boulevard
Tracy CA 95304
Phone: (209) 835-2293

RD 2058



LMA Short Name : RD2058	Bank	Unit Length (Miles)
Unit No. 01 Paradise Cut	LB	6.71

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.

DWR Levee Inspection Summary

RD2058	Total LMA Miles		6.71													
	Fall 2012				Fall 2013				Change							
	Overall LMA Rating				A				Overall LMA Rating				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	0.06		0.06	0.89	0.08		0.08	1.19	0.02		0.02	0.30				
Encroachments	0.01		0.01	0.15					-0.01		-0.01	-0.15				
Animal Control	0.01		0.01	0.15					-0.01		-0.01	-0.15				
Erosion / Bank Caving						0.01	0.04	0.60		0.01	0.04	0.60				
<i>Supplemental</i>																
DWR Erosion Survey	0.05		0.05	0.75	0.05		0.05	0.75				0.00				
<i>LMA Totals:</i>	0.13	0.00	0.13	1.94	0.13	0.01	0.17	2.53*	0.00	0.01	0.04	0.60				

* 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 2058

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

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
RD2058U01RM3.97	3.97	4.49	4.53	River Erosion	Existing Site	M

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 2058 and RD 2095 - Paradise Cut	11.45	Active	N/A	N/A

DWR Flood System Repair Project Summary

Unit : unable to assign

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
DWR_RD2058_01_R_2012_01	Critical	Erosion	0.00	0.95	Right	37.78975	-121.41964

Unit No. 01 Paradise Cut

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
192-3	Serious	Seepage	0.39	0.53	Left	37.80407	-121.41602
192-107	Serious	Seepage	1.53	1.97	Left	37.80348	-121.39703
192-100	Serious	Seepage	2.12	2.58	Left	37.80400	-121.38678

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 on some parts of the levee on 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 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 continues grazing of the entire levee throughout the year except 3 months in spring period.

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 anticipates to continue grazing of the entire levee throughout the year except 3 months in spring period.

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 and the U.S. Fish and Wildlife.

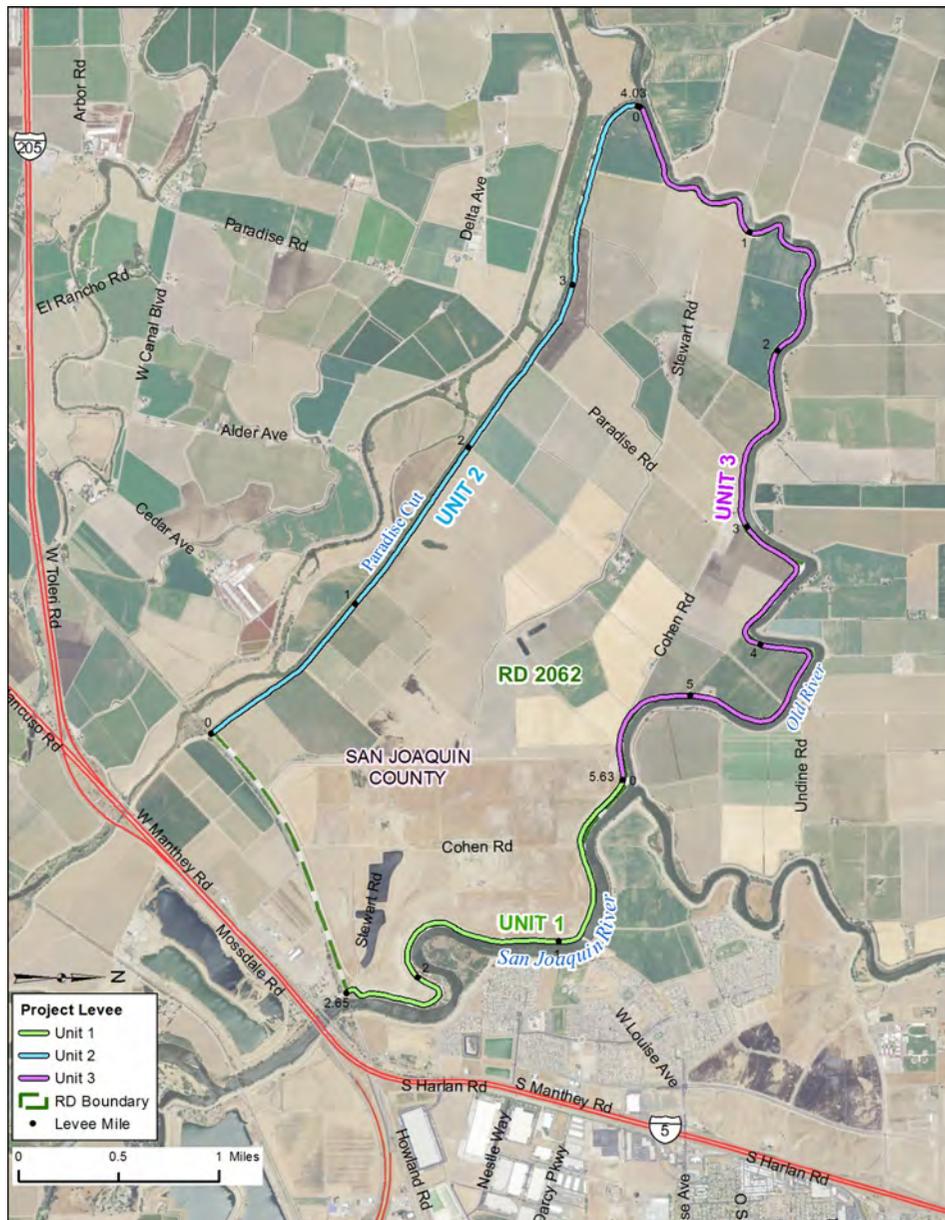
Reclamation District No. 2062 Stewart

RD 2062

San Joaquin County

Contact

Susan Dell-Osso
President
District Office
73 West Stewart Road
Lathrop CA 95330
Phone: (209) 879-7900



LMA 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 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.

DWR Levee Inspection Summary

Rated Item	Total LMA Miles		12.35									
	Fall 2012				Fall 2013				Change			
	Overall LMA Rating				Overall LMA Rating							
	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	1.26		1.26	10.20					-1.26		-1.26	-10.20
Trim / Thin Trees	0.02		0.02	0.16	0.02		0.02	0.16				0.00
Encroachments	1.80		1.80	14.58					-1.80		-1.80	-14.58
Animal Control	0.10		0.10	0.81	0.10		0.10	0.81				0.00
Slope Stability	0.02		0.02	0.16					-0.02		-0.02	-0.16
Erosion / Bank Caving	0.03		0.03	0.24	0.01		0.01	0.08	-0.02		-0.02	-0.16
Crown Surface / Depressions / Rutting		0.22	0.88	7.13						-0.22	-0.88	-7.13
<i>Supplemental</i>												
DWR Erosion Survey	0.17	0.19	0.93	7.53	0.13	0.20	0.93	7.53	-0.04	0.01		0.00
<i>LMA Totals:</i>	3.40	0.41	5.04	40.81	0.26	0.20	1.06	8.58*	-3.14	-0.21	-3.98	-32.23

* 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 2062

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

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
RD2062U01RM54.14	54.14	0.91	0.91	Maintenance Erosion	Repaired Site	C

Unit No. 02 Paradise Cut, RB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Issue Type	Status	Rating
RD2062U02RM2.14	2.14	3.27	3.28	Maintenance Erosion	Existing Site	M
RD2062U02RM1.94	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
RD2062U03RM29.93	29.93	-0.03	0.07	River Erosion	Existing Site	U
RD2062U03RM30.02	30.02	0.10	0.11	River Erosion	Existing Site	U
RD2062U03RM30.1	30.1	0.18	0.18	River Erosion	Existing Site	M
RD2062U03RM30.19	30.19	0.23	0.32	River Erosion	Existing Site	U
RD2062U03RM30.27	30.27	0.35	0.35	River Erosion	Existing Site	M
RD2062U03RM30.43	30.43	0.56	0.57	River Erosion	Existing Site	M
RD2062U03RM31.12	31.12	1.20	1.21	River Erosion	Existing Site	U
RD2062U03RM31.28	31.28	1.42	1.43	Maintenance Erosion	Existing Site	U

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 2062 and RD 2107 - Stewart Tract	16.26	Inactive	06/13/2013	U

DWR Flood System Repair Project Summary

Unit : unable to assign

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
Obsrv-134084	Serious		0.225	0.315	Left	37.810609	-121.385879

Unit No. 03 Old River

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
DWR_RD2062_03_s_2012_2	Serious	Erosion	0.10	0.11	Left	37.80981	-121.38876
DWR_RD2062_03_s_2012_4	Serious	Erosion	0.17	0.18	Left	37.81019	-121.38748
DWR_RD2062_03_s_2012_24	Serious	Erosion	0.35	0.38	Left	37.81096	-121.38440
256-101	Serious	Seepage	4.66	4.73	Left	37.81615	-121.33418

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 there is no new relevant information on the condition or performance of the Project 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 that there is no new relevant information on impairments or compromising conditions..

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

The Agency provided a summary of maintenance activities accomplished for all levee units and the locations of these activities. Activities include encroachment control, levee crown roadway maintenance, levee patrolling, and vegetation control.

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

The Agency provided a summary of expenses and maintenance activities for all levee units. Expenses include costs of erosion repair, levee crown roadway maintenance, gate repair, inspection, Surveying and engineering services, rodent control, and vegetation control. The reported total estimated cost for the fiscal year is \$270,000.

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 is no new information available to report.

Reclamation District No. 2063 Crows Landing

RD 2063

**Merced County
Stanislaus County**

Contact

Joe Sallaberry
President
5780 South Central
Turlock CA 95380
Phone: (209) 587-2305

DWR Levee Inspection Summary

Rated Item	Total LMA Miles		Fall 2012		Fall 2013				Change			
	10.63		U		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	1.10		1.10	10.35	0.14		0.14	1.32	-0.96		-0.96	-9.03
Trim / Thin Trees					0.01		0.01	0.09	0.01		0.01	0.09
Animal Control	0.11		0.11	1.04	0.02		0.02	0.19	-0.09		-0.09	-0.85
Erosion / Bank Caving	0.02	0.01	0.06	0.56	0.05	0.01	0.09	0.85	0.03		0.03	0.28
Crown Surface / Depressions / Rutting	10.58		10.58	99.53					-10.58		-10.58	-99.53
Flood Preparedness & Training					0.11		0.11	1.04	0.11		0.11	1.04
<i>LMA Totals:</i>	11.81	0.01	11.85	111.48	0.33	0.01	0.37	3.48*	-11.48	0.00	-11.48	-108.00

* 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.

RD 2063

DWR Structure Inspection Summary

Structure Name	Overall Rating
Lateral No. 6 Pumping Plant	M

DWR Channel Inspection Summary

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 Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 2091 and RD 2063 - Chase and Crows Landing	18.19	Inactive	06/13/2013	U

DWR Flood System Repair Project Summary

Unit No. 01 San Joaquin River

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
194-7	Serious	Seepage	0.60	0.60	Right	37.47081	-121.04351
DWR_RD2063_01_R_2012_01	Critical	Erosion	3.05	3.08	Right	37.44287	-121.02558
DWR_RD2063_01_R_2012_02	Critical	Erosion	3.14	3.19	Right	37.44259	-121.02415
194-109	Serious	Seepage	5.40	5.60	Right	37.42381	-121.00149
194-105	Serious	Seepage	5.53	5.63	Right	37.42238	-121.00172
194-110	Serious	Seepage	6.04	6.32	Right	37.41672	-120.99727
194-100	Serious	Seepage	6.39	6.54	Right	37.41304	-121.00148
194-2	Serious	Seepage	6.60	6.60	Right	37.41123	-120.99885

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 roadway requires more gravel. The Agency also reported tree trimming along the entire length of the 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 no known information was available that might impair or compromise the level of flood protection provided by the Project levee.

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 levee crown roadway, 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 control, erosion repair, gate repair, management services, insurance, rodent control, and vegetation control. The reported total estimated cost for the current fiscal year is \$105,075.

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 is no new additional information that is relevant to the condition or performance of the Project levee.

Reclamation District No. 2064 River Junction

San Joaquin County

Contact

Don Moretti
President
District Office
PO Box 690695
Stockton CA 95269
Phone: (209) 239-2963

RD 2064

RD 2064



LMA 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

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

DWR Levee Inspection Summary

Rated Item	Total LMA Miles		11.90									
	Fall 2012				Fall 2013				Change			
	Overall LMA Rating				Overall LMA Rating							
	A				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					8.99	7.70	39.79	334.37	8.99	7.70	39.79	334.37
Trim / Thin Trees					0.04		0.04	0.34	0.04		0.04	0.34
Animal Control					1.22	1.97	9.10	76.47	1.22	1.97	9.10	76.47
Slope Stability					0.01		0.01	0.08	0.01		0.01	0.08
Crown Surface / Depressions / Rutting	0.97		0.97	8.15					-0.97		-0.97	-8.15
<i>Supplemental</i>												
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	0.97	0.00	0.97	8.15	10.26	9.67	48.94	411.26	9.29	9.67	47.97	403.11

RD 2064

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

DWR San Joaquin River Erosion Summary

No Supplemental Erosion Sites.

USACE 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 Flood System Repair Project Summary

Unit No. 01 San Joaquin River

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
195-129	Serious	Seepage	0.88	0.88	Right	37.69998	-121.27328
195-9	Serious	Seepage	1.70	2.00	Right	37.69005	-121.26981
DWR_RD2064_01_R_2012_01	Serious	Seepage	2.56	2.77	Right	37.68202	-121.25203
195-128	Serious	Seepage	2.90	3.12	Right	37.68202	-121.25203
195-125	Serious	Seepage	3.30	3.58	Right	37.67932	-121.26216
DWR_RD2064_01_R_2012_02	Serious	Seepage	3.68	4.75	Right	37.67515	-121.26330
195-FOC-15	Critical	Seepage	3.70	3.70	Right	37.67495	-121.26304
DWR_RD2064_01_R_2012_03	Critical	Seepage	3.88	3.88	Right	37.67330	-121.26056
195-122	Critical	Stability	4.36	4.38	Right	37.66961	-121.25349
DWR_RD2064_01_R_2012_04	Critical	Seepage	5.06	5.10	Right	37.67318	-121.24633
195-8	Critical	Seepage	5.44	5.44	Right	37.67069	-121.24160

Unit No. 02 Stanislaus River

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
257-2	Serious	Seepage	0.30	1.07	Right	37.66486	-121.23727
257-3	Serious	Seepage	0.30	1.07	Right	37.66486	-121.23727
257-FOC-9	Serious	Seepage	1.12	1.14	Right	37.66938	-121.22925
257-FOC-10	Serious	Seepage	1.26	1.31	Right	37.67055	-121.22768
257-FOC-12	Serious	Seepage	2.20	3.01	Right	37.67920	-121.22301
257-FOC-14	Serious	Seepage	4.19	4.19	Right	37.69433	-121.20727

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 there is no new relevant information on the condition or performance of the Project 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 that at the time of reporting, no conditions were found that might impair or compromise the level of flood protection.

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

The Agency reported routine maintenance was performed but actual record is not available 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 estimated cost to maintain the levees and maintenance activities planned. Planned activities include tree trimming and removing, and vegetation removing. The reported total estimated cost for the current fiscal year is between \$75,000 and \$90,000.

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 mentioned about a proposal received from DWR for repairing of critical issues on Levee Unit 1. The Agency noted that the new Board of Trustees will hear this proposal in 2014.

Reclamation District No. 2075 McMullin

San Joaquin County

RD 2075

Contact

Eddy Cardoza
President
311 East Main Street Suite 504
Stockton CA 95202
Phone: (209) 943-5551



LMA Short Name : RD2075	Bank	Unit Length (Miles)
Unit No. 01 San Joaquin River	RB	7.52

Threat Assessment & Recommendations

- The LMA should focus on repairing erosion sites.

DWR Levee Inspection Summary

RD2075	Total LMA Miles		7.52									
	Fall 2012				Fall 2013				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	14.41	0.02	14.49	192.69					-14.41	-0.02	-14.49	-192.69
Trim / Thin Trees	0.03		0.03	0.40					-0.03		-0.03	-0.40
Operations & Maintenance Manuals	0.08		0.08	1.06	0.08		0.08	1.06				0.00
Emergency Supplies & Equipment					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				0.00
<i>Supplemental</i>												
DWR Erosion Survey	0.01		0.01	0.13	0.01		0.01	0.13				0.00
<i>LMA Totals:</i>	14.60	0.02	14.68	195.21	0.24	0.00	0.24	3.19	-14.36	-0.02	-14.44	-192.02

DWR Structure Inspection Summary

No Structures Inspected in this District.

RD 2075

DWR Channel Inspection Summary

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 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 Flood System Repair Project Summary

Unit No. 01 San Joaquin River

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
196-FOC-1	Serious	Seepage	2.11	3.35	Right	37.73456	-121.29419
196-FOC-2	Serious	Seepage	2.11	3.35	Right	37.73456	-121.29419
196-FOC-3	Serious	Seepage	2.11	3.35	Right	37.73456	-121.29419
196-FOC-4	Serious	Seepage	4.43	4.81	Right	37.71934	-121.27859
196-112	Serious	Seepage	4.99	5.20	Right	37.72706	-121.27784
196-FOC-6	Serious	Seepage	5.63	5.63	Right	37.72482	-121.27099
DWR_RD2075_01_R_2012_01	Serious	Seepage	5.79	5.98	Right	37.72482	-121.27099

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 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. Activities include accounting, assessment expense, ditch maintenance, membership dues, engineering services, insurance dues, legal, levee maintenance, miscellaneous, permits, PE&E, and pump work. The reported total expenditure for the previous fiscal year was \$53,810.

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 provided by the Agency for Part 5.

Reclamation District No. 2085 Kasson

San Joaquin County

RD 2085

Contact

Ralph Timan
President
7541 West Rena
Tracy CA 95304
Phone: (209) 241-6793



LMA Short Name : RD2085		Bank	Unit Length (Miles)
Unit No. 01	San Joaquin River	LB	5.20
Unit No. 02	San Joaquin River		0.69
Unit No. 03	San Joaquin River		0.29

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

Rated Item	Total LMA Miles		6.18									
	Fall 2012				Fall 2013				Change			
	Overall LMA Rating				Overall LMA Rating							
	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	2.60		2.60	42.07	0.64		0.64	10.36	-1.96		-1.96	-31.72
Trim / Thin Trees	0.25		0.25	4.05					-0.25		-0.25	-4.05
Encroachments	0.04	0.01	0.08	1.29					-0.04	-0.01	-0.08	-1.29
Animal Control	0.08		0.08	1.29					-0.08		-0.08	-1.29
Slope Stability					0.01		0.01	0.16	0.01		0.01	0.16
Crown Surface / Depressions / Rutting					0.01		0.01	0.16	0.01		0.01	0.16
<i>Supplemental</i>												
DWR Erosion Survey		0.02	0.08	1.29	0.02		0.02	0.32	0.02	-0.02	-0.06	-0.97
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	2.97	0.03	3.09	50.00	0.68	0.00	0.68	11.00	-2.29	-0.03	-2.41	-39.00

DWR Structure Inspection Summary

No Structures Inspected in this District.

RD 2085

DWR Channel Inspection Summary

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	M
RD2085U01RM67.7	67.7	3.58	3.71	River Erosion	Not Rated	A/W

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 2085 - Kasson District	6.27	Active	N/A	N/A

DWR Flood System Repair Project Summary

Unit : unable to assign

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
Obsrv-134086	Serious		2.24	2.26	Left	37.703094	-121.274894

Unit No. 01 San Joaquin River

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
197-123	Critical	Seepage	0.79	0.84	Left	37.71939	-121.29368
197-113	Critical	Seepage	0.86	1.30	Left	37.71938	-121.29353
197-2	Serious	Seepage	1.35	1.35	Left	37.71399	-121.28852
DWR_RD2085_01_R_2012_01	Serious	Erosion	3.60	3.74	Left	37.68662	-121.27679

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 relevant conditions are recorded in the Spring 2013 Levee Inspection Report. The Spring 2013 Levee Inspection Report provided unacceptable rating for encroachment, erosion, and rodent control 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 erosion around a pipe at LM 0.47 and waterside erosion at LM 2.24 to 2.26 of Levee Unit 1. The Agency also reported a corroded pipe at Levee Unit 1, LM 1.35 and mentioned that this pipe has caused several sinkholes on the waterside slope of the levee. The Agency also stated that district is looking for a contractor to grout the rodent holes at Levee Unit 1.

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 the Levee Unit 1. Activities include inspection, gate maintenance, minor structure repair, 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 for all levee units. Expenses include costs of levee crown roadway maintenance, insurance dues, management services, permitting, Surveying and engineering services, rodent control, and vegetation control. The reported total estimated cost for the fiscal year is \$54,400.

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 it is working to renew the District's Joint Resource Management Agreement with the Department of Fish and Game.

RD 2085

Reclamation District No. 2089 Stark

San Joaquin County

RD 2089

Contact

Michael Gikas
Chairman
311 East Main Street Suite 504
Stockton CA 95202
Phone: (209) 943-5551



LMA 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 2012				Fall 2013				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	2.14	0.24	3.10	106.90	0.94	-1.06	-3.30	-113.79
Trim / Thin Trees	0.28	0.14	0.84	28.97		0.01	0.04	1.38	-0.28	-0.13	-0.80	-27.59
Encroachments	0.07	0.01	0.11	3.79	0.04	0.01	0.08	2.76	-0.03		-0.03	-1.03
Animal Control	0.09	0.06	0.33	11.38	0.09	0.09	0.45	15.52	0.00	0.03	0.12	4.14
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	0.03	0.01	0.07	2.41	0.02	-0.01	-0.02	-0.69
<i>LMA Totals:</i>	1.70	1.53	7.82	269.66	2.35	0.36	3.79	130.69	0.65	-1.17	-4.03	-138.97

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

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
RD2089U01RM29.8	29.8	0.45	0.45	Maintenance Erosion	Existing Site	M
RD2089U01RM29.61	29.61	0.66	0.66	River Erosion	Existing Site	U
RD2089U01RM29.04	29.04	1.22	1.23	River Erosion	New Site	M

Unit No. 02 Salmon Slough, RB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Issue Type	Status	Rating
RD2089U02RM28.35	28.35	0.42	0.43	River Erosion	Existing Site	M

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 0001 and RD 2089 - Union Island	3.92	Inactive	06/13/2013	U

DWR Flood System Repair Project Summary

Unit No. 02 Salmon Slough

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
335-103	Critical	Erosion	0.33	0.59	Right	37.81002	-121.41155
335-110	Critical	Erosion	0.49	0.55	Right	37.81081	-121.41423
335-3	Critical	Seepage	0.92	0.95	Right	37.81489	-121.41588

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 2013 Levee Inspection Report. The Spring 2013 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 2013 Levee Inspection Report. The Spring 2013 Levee Inspection Report provided unacceptable rating for animal control, encroachment, and vegetation at various locations of all levee units. The Spring 2013 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 provided action taken on inspection items listed by DWR in the inspection report. The action taken includes active ongoing program in place and low priority for animal control, encroachments, crown depression, tree trimming and thinning, and vegetation.

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 budget for the routine maintenance based on prior year's expenditure. The reported total estimated budget for the fiscal year is \$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 there is no new additional information that is relevant to the condition or performance of the Project levee.

Reclamation District No. 2091 Chase

Stanislaus County

RD 2091

Contact

Wendel Trinkler, Jr
President
District Office
7007 Jennings Road
Modesto CA 95358
Phone: (209) 537-9883



LMA Short Name : RD2091		Bank	Unit Length (Miles)
Unit No. 01	San Joaquin River	RB	7.59
Unit No. 02	San Joaquin River	NA	0.33

Threat Assessment & Recommendations

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

DWR Levee Inspection Summary

RD2091	Total LMA Miles		7.92													
	Fall 2012				Fall 2013				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	0.04		0.04	0.51					-0.04		-0.04	-0.51				
Trim / Thin Trees	0.04		0.04	0.51					-0.04		-0.04	-0.51				
Animal Control	0.08		0.08	1.01					-0.08		-0.08	-1.01				
Flood Preparedness & Training					0.08		0.08	1.01	0.08		0.08	1.01				
<i>LMA Totals:</i>	0.16	0.00	0.16	2.02	0.08	0.00	0.08	1.01	-0.08	0.00	-0.08	-1.01				

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

DWR San Joaquin River Erosion Summary

No Supplemental Erosion Sites.

RD 2091

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 2091 and RD 2063 - Chase and Crows Landing	18.19	Inactive	06/13/2013	U

DWR Flood System Repair Project Summary

Unit No. 01 San Joaquin River

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
DWR_RD2091_01_R_2012_01	Critical	Erosion	1.39	1.50	Right	37.53117	-121.10675
199-1	Critical	Seepage	2.16	2.16	Right	37.52522	-121.09770
DWR_RD2091_01_R_2012_05	Critical	Seepage	2.42	2.49	Right	37.52209	-121.09558
199-105	Critical	Seepage	2.87	3.48	Right	37.51921	-121.08901
199-103	Serious	Seepage	3.91	3.92	Right	37.50747	-121.08261
DWR_RD2091_01_R_2012_02	Critical	Seepage	4.50	4.57	Right	37.49944	-121.08072
199-100	Critical	Seepage	4.65	5.10	Right	37.49778	-121.08034
199-101	Critical	Seepage	5.70	5.75	Right	37.48682	-121.06810
199-4	Critical	Seepage	6.08	6.08	Right	37.48649	-121.06227
199-106	Critical	Seepage	6.38	6.88	Right	37.48504	-121.05768

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-feet long and 5 to 7-feet 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 no known information was available that might impair or compromise the level of flood protection provided by the Project levee.

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

The Agency provided a summary of maintenance activities accomplished for all levee units. Activities include 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, inspection, 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 \$39,230.

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 is no new additional information that is relevant to the condition or performance of the Project levee.

Reclamation District No. 2092 Dos Rios

Stanislaus County

Contact

John Carlon
President
580 Vallombrosa Avenue
Chico CA 95926
Phone: (530) 894-5401



LMA Short Name : RD2092	Bank	Unit Length (Miles)
Unit No. 01 San Joaquin River	RB	3.76

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.

DWR Levee Inspection Summary

Rated Item	Total LMA Miles		Fall 2012		Fall 2013				Change			
	Overall LMA Rating		Overall LMA Rating		Overall LMA Rating		Overall LMA Rating		Overall LMA Rating		Overall LMA Rating	
	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	0.04		0.04	1.06	0.02		0.02	0.53	-0.02		-0.02	-0.53
Slope Stability	0.01		0.01	0.27					-0.01		-0.01	-0.27
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>	0.14	0.00	0.14	3.72	0.02	0.00	0.02	0.53	-0.12	0.00	-0.12	-3.19

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

DWR San Joaquin River Erosion Summary

No Supplemental Erosion Sites.

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 2092 - Dos Rios Ranch	3.63	Active	11/20/2013	M

DWR Flood System Repair Project Summary

No POI Repair Sites.

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 no impairments or compromising conditions were known at the time of this 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 reported that no impairments or compromising conditions were known at the time of this 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 performed for Levee Unit 1. Activities include encroachment control, rodent control, and vegetation spraying and goat grazing. The Agency also provided action taken on inspection items listed by DWR in the inspection report. The action taken includes corrected and work in progress for animal control, 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 Levee Unit 1. Expenses include costs of management, rodent hole grouting, tree thinning and trimming, and vegetation mowing. The reported total estimated cost for the current fiscal year is \$8,350.

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 is no new additional information that is relevant to the condition or performance of the Project levee.

Reclamation District No. 2094 Wathal

San Joaquin County

Contact

Brian Mizuno
President
PO Box 871
Manteca CA 95336
Phone: (209) 239-4014



LMA 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 2012				Fall 2013				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

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

DWR San Joaquin River Erosion Summary

No Supplemental Erosion Sites.

USACE 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 Flood System Repair Project Summary

No POI Repair Sites.

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 landside slope at Levee Unit 1 between LM 0.6 to 0.69 from 1997 reconstruction and levee crown needs additional gravel.

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 on 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 on 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 include roadway maintenance, rodent control, slope dragging, and vegetation spraying. The reported total cost for roadway maintenance, rodent control, slope dragging, and vegetation spraying in the previous fiscal year was \$14,700.

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 levee patrolling, roadway maintenance, rodent control, and vegetation control. The reported total estimated cost for the current fiscal year is \$12,600.

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

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 can change the course of the river during high flows. The Agency also mentioned large rocks are needed to protect the levee from erosion at Levee Unit 2, LM 0.0 to 0.46.

Reclamation District No. 2095 Paradise Cut

San Joaquin County

Contact

Bob Pombo
President
7541 West Rena
Tracy CA 95304
Phone: (209) 481-4136



LMA 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.

DWR Levee Inspection Summary

RD2095	Total LMA Miles		4.83									
	Fall 2012				Fall 2013				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	0.01	0.01	0.05	1.04	-0.04		-0.04	-0.83
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	0.04		0.04	0.83	0.03		0.03	0.62
Crown Surface / Depressions / Rutting	0.33		0.33	6.83					-0.33		-0.33	-6.83
<i>Supplemental</i>												
DWR Erosion Survey	0.09	0.01	0.13	2.69	0.11		0.11	2.28	0.02	-0.01	-0.02	-0.41
<i>LMA Totals:</i>	0.50	0.02	0.58	12.01	0.16	0.01	0.20	4.14*	-0.34	-0.01	-0.38	-7.87

* 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

No Structures Inspected in this District.

DWR Channel Inspection Summary

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
RD2095U01RM6.88	6.88	0.86	0.86	River Erosion	Existing Site	M

Unit No. 02 San Joaquin River, LB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Issue Type	Status	Rating
RD2095U02RM60.62	60.62	1.77	1.80	River Erosion	Existing Site	M
RD2095U02RM60.69	60.69	1.85	1.89	River Erosion	Existing Site	M

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 2058 and RD 2095 - Paradise Cut	11.45	Active	N/A	N/A

DWR Flood System Repair Project Summary

Unit No. 01 Paradise Cut

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
DWR_RD2095_01_s_2012_1	Serious	Erosion	0.73	0.74	Left	37.76361	-121.31880
202-101	Serious	Seepage	0.74	0.80	Left	37.76335	-121.31908

Unit No. 02 San Joaquin River

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
258-FOC-1	Serious	Seepage	1.02	1.02	Left	37.74968	-121.29923
258-106	Serious	Erosion	1.76	1.80	Left	37.73983	-121.29757
258-FOC-2	Serious	Seepage	1.84	1.94	Left	37.73940	-121.29800
258-102	Serious	Seepage	2.00	2.26	Left	37.73665	-121.29840

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 Report for the relevant information. The Spring 2013 Levee Inspection Report provided unacceptable rating for erosion at Levee Unit 1, LM 0.86 and vegetation at Levee Unit 2, LM 1.01.

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

The Agency reported erosion sites at Levee Unit 1, LM 0.73 to 0.74 and 0.86.

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

The Agency provided a summary of maintenance activities accomplished for all levee units. Activities include gate maintenance, slope repair, rodent control, and vegetation mowing, 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 engineering, flood fight/high water monitoring, insurance, legal and administrative services, maintenance, office supplies, and permits. The reported total estimated cost for the current fiscal year is \$52,500.

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 mentioned that District's Legal Counsel is working hard to renew the District's Joint Resource Management Memorandum of Understanding with the Department of Fish and Game. The Agency also reported ongoing trespassing issues. The Agency also mentioned that District entered into an encroachment permit agreement with the Paradise Mutual Water District to maintain its existing encroachment and to install a new pump and pipeline.

Reclamation District No. 2096

Wetherbee Lake

San Joaquin County

Contact

Randy Barker
President
District Office
PO Box 909
Manteca CA 95336
Phone: (209) 401-6741



LMA Short Name : RD2096		Bank	Unit Length (Miles)
Unit No. 01	San Joaquin River	RB	0.17

Threat Assessment & Recommendations

- The LMA should enhance its rodent control program.
- 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.

DWR Levee Inspection Summary

RD2096	Total LMA Miles		0.17									
	Fall 2012				Fall 2013				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>												
Encroachments		0.01	0.04	23.53						-0.01	-0.04	-23.53
Animal Control	0.02		0.02	11.77	0.03		0.03	17.65	0.01		0.01	5.88
<i>LMA Totals:</i>	0.02	0.01	0.06	35.29	0.03	0.00	0.03	17.65	0.01	-0.01	-0.03	-17.65

RD 2096

DWR Structure Inspection Summary

Structure Name	Overall Rating
Wetherbee Lake Pumping Plant & Navigation Gate	A

DWR Channel Inspection Summary

No Channels Inspected in this District.

DWR San Joaquin River Erosion Summary

No Supplemental Erosion Sites.

USACE 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 Flood System Repair Project Summary

No POI Repair Sites.

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 sediment accumulation in the channel. The Agency also reported squirrels burrowing on the entire Levee Unit 1 and tree limb hanging on the levee crown near the pump station.

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 animal burrowing is an 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 accomplished for Levee Unit 1. Activities include equipment testing, 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 Levee Unit 1. Expenses include costs of equipment, roadway grading, liability policy, rodent hole grouting, and vegetation control. The reported total estimated cost for the current fiscal year is \$12,960.

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 provided by the Agency for Part 5.

Reclamation District No. 2099 El Solyo Ranch

Stanislaus County

Contact

Kim Forrest
Mail Recipient
San Luis National Wildlife Refuge Complex
PO 2176
Los Banos CA 93635
Phone: (209) 826-3508



LMA Short Name : RD2102		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.

DWR Structure Inspection Summary

No Structures Inspected in this District.

RD 2099

DWR Channel Inspection Summary

No Channels Inspected in this District.

DWR San Joaquin River Erosion Summary

No Supplemental Erosion Sites.

DWR Flood System Repair Project Summary

No POI Repair Sites.

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 provided by the Agency for Part 1.

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

No information provided by the Agency for Part 2.

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

No information provided by the Agency for Part 3.

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

No information provided by the Agency for Part 4.

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

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Reclamation District No. 2100 White Lake Ranch

Stanislaus County

Contact

Kim Forrest
Mail Recipient
San Luis National Wildlife Refuge Complex
PO Box 2176
Los Banos CA 93635
Phone: (209) 826-3508



LMA 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.

DWR Levee Inspection Summary

Levees in this District are not Inspected.

DWR Structure Inspection Summary

No Structures Inspected in this District.

RD 2100

DWR Channel Inspection Summary

No Channels Inspected in this District.

DWR San Joaquin River Erosion Summary

No Supplemental Erosion Sites.

DWR Flood System Repair Project Summary

No POI Repair Sites.

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 provided by the Agency for Part 1.

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

No information provided by the Agency for Part 2.

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

No information provided by the Agency for Part 3.

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

No information provided by the Agency for Part 4.

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

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Reclamation District No. 2101 Blewett

RD 2101

Stanislaus County

Contact

James Coddington
President
6130 Huntingdale Circle
Stockton CA 95219
Phone: (209) 477-2156



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

DWR Levee Inspection Summary

Rated Item	Total LMA Miles		3.51									
	Fall 2012				Fall 2013				Change			
	Overall LMA Rating				Overall LMA Rating							
	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	0.08		0.08	2.28					-0.08		-0.08	-2.28
Trim / Thin Trees	0.02		0.02	0.57	0.02		0.02	0.57				0.00
Encroachments	0.01		0.01	0.29					-0.01		-0.01	-0.29
Animal Control	0.24	0.02	0.32	9.12	0.24	0.04	0.40	11.40		0.02	0.08	2.28
Erosion / Bank Caving	0.02		0.02	0.57	0.01		0.01	0.29	-0.01		-0.01	-0.29
<i>Supplemental</i>												
DWR Erosion Survey		0.10	0.40	11.40		0.10	0.40	11.40				0.00
<i>LMA Totals:</i>	0.37	0.12	0.85	24.22	0.27	0.14	0.83	23.65	-0.10	0.02	-0.02	-0.57

RD 2101

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

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 Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 2101 - Blewatt District	3.42	Inactive	07/24/2013	U

DWR Flood System Repair Project Summary

Unit No. 01 San Joaquin River

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
DWR_RD2101_01_s_2012_1	Critical	Erosion	1.91	2.00	Left	37.65055	-121.22957
DWR_RD2101_01_r_2012_01	Critical	Seepage	1.95	2.30	Left	37.65033	-121.22886

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 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 include gate repair, inspection, mobile equipment, 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, mobile equipment, 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 reported that the District has Safety Plans.

Reclamation District No. 2102

Lara Ranch

RD 2102

Stanislaus County

Contact

Kim Forrest
Mail Recipient
San Luis National Wildlife Refuge Complex
PO 2176
Los Banos CA 93635
Phone: (209) 826-3508



LMA 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.

DWR Levee Inspection Summary

Levees in this District are not Inspected.

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

RD 2102

DWR San Joaquin River Erosion Summary

No Supplemental Erosion Sites.

DWR Flood System Repair Project Summary

No POI Repair Sites.

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 provided by the Agency for Part 1.

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

No information provided by the Agency for Part 2.

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

No information provided by the Agency for Part 3.

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

No information provided by the Agency for Part 4.

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

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Reclamation District No. 2107 Mossdale Island

RD 2107

San Joaquin County

Contact

Robert Brown
Chairman
311 East Main Street Suite 504
Stockton CA 95202
Phone: (209) 943-5551



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

DWR Levee Inspection Summary

Rated Item	Total LMA Miles		4.21									
	Fall 2012				Fall 2013				Change			
	Overall LMA Rating				Overall LMA Rating							
	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				0.00
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				0.00
Slope Stability	0.01		0.01	0.24					-0.01		-0.01	-0.24
Erosion / Bank Caving					0.01		0.01	0.24	0.01		0.01	0.24
<i>Supplemental</i>												
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	0.05	0.00	0.05	1.19	0.04	0.00	0.04	0.95	-0.01	0.00	-0.01	-0.24

RD 2107

DWR Structure Inspection Summary

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

DWR San Joaquin River Erosion Summary

No Supplemental Erosion Sites.

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 2062 and RD 2107 - Stewart Tract	16.26	Inactive	06/13/2013	U

DWR Flood System Repair Project Summary

Unit No. 01 San Joaquin River

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
208-101	Serious	Seepage	0.24	0.68	Left	37.78438	-121.30659
208-4	Critical	Seepage	1.23	1.23	Left	37.77261	-121.30705
208-1	Critical	Seepage	1.25	1.36	Left	37.77247	-121.30682
208-2	Critical	Seepage	1.97	1.97	Left	37.76504	-121.30975
208-5	Critical	Seepage	2.05	2.14	Left	37.76338	-121.31002
208-103	Serious	Seepage	2.14	2.37	Left	37.76293	-121.31099

Unit No. 02 Paradise Cut

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
259-102	Serious	Seepage	0.00	0.15	Right	37.76077	-121.30953
259-104	Serious	Seepage	0.46	0.52	Right	37.76447	-121.31587
259_FOC-1	Serious	Seepage	0.68	0.71	Right	37.76614	-121.31959

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 there is no new relevant information on the condition or performance of the Project 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 that there is no new relevant information on impairments or compromising conditions.

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

The Agency provided a summary of maintenance activities performed for all levee units. Activities include encroachment control, levee patrolling, roadway grading, rodent control, tree trimming and pruning, 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 maintenance and repair, levee patrolling and inspection, roadway grading, rodent control, 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 reported that there is no new additional information that is relevant to the condition or performance of the Project levee.

Lower San Joaquin Levee District

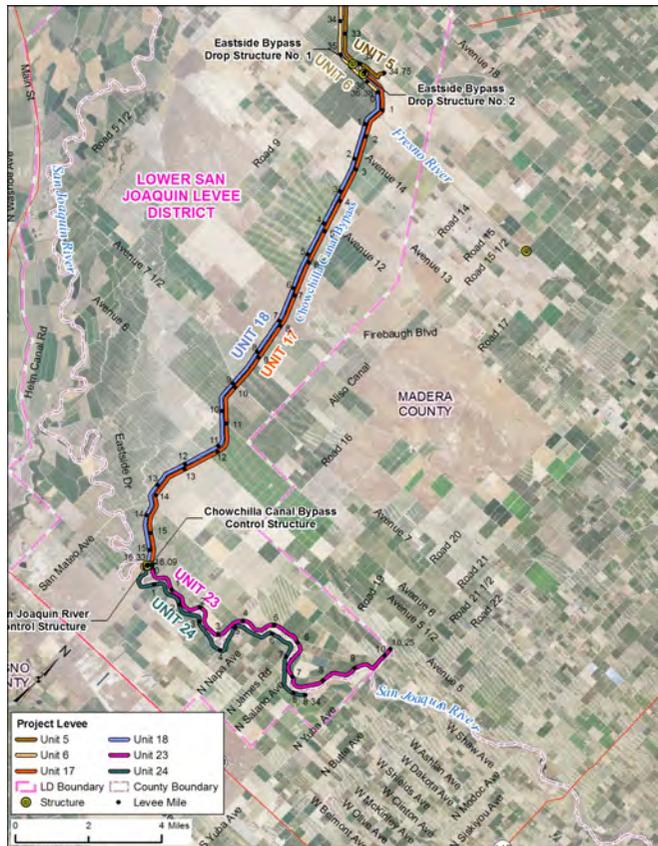
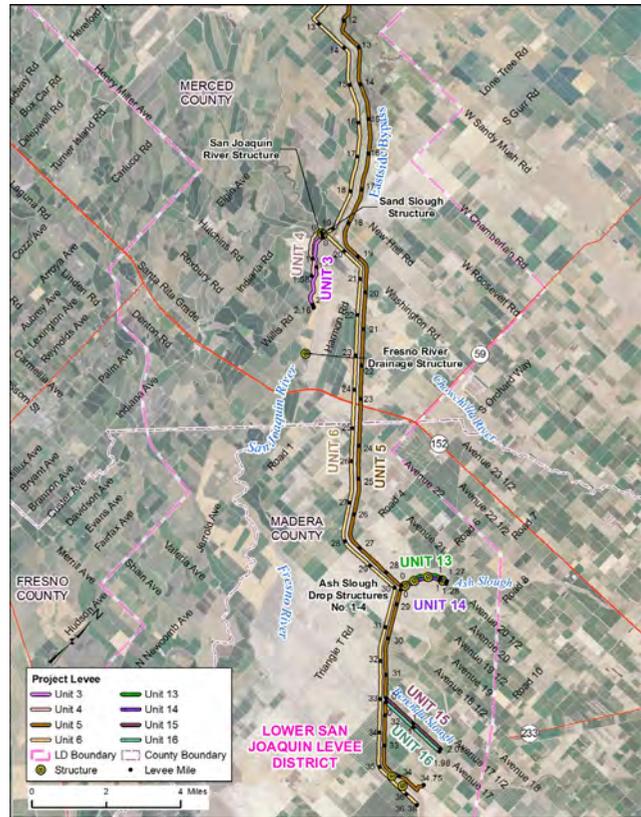
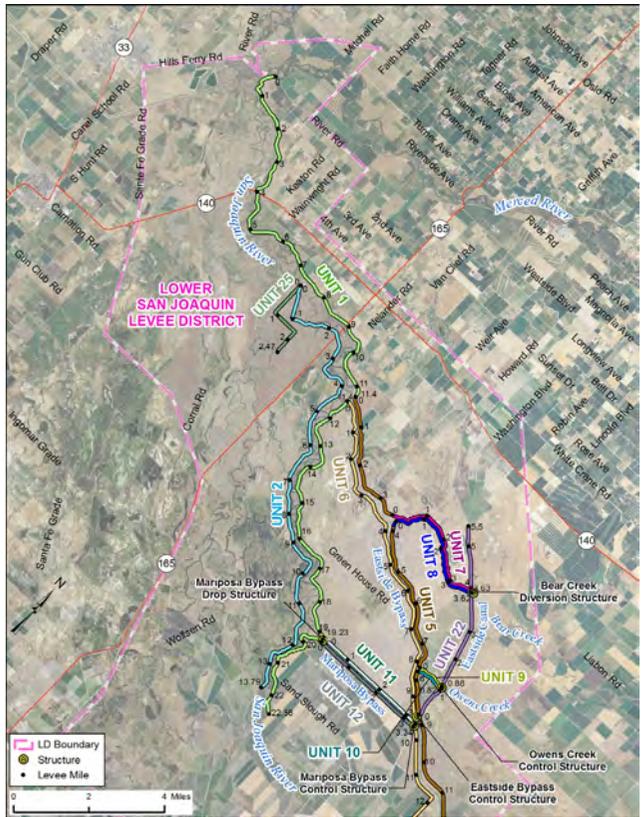
Fresno County
Madera County
Merced County
Stanislaus County

Contact

Roy Catania
Chairman
11704 West Henry Miller Avenue
Dos Palos CA 93620
Phone: (209) 387-4545

SAN JOAQUIN SYSTEM : Lower San Joaquin Levee District

LSJLD



LMA Short Name : NA0010

Bank Unit Length (Miles)

LSJLD

Unit No.	Location	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

- 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 backfilling rodent holes.
- The LMA should ensure that the SPFC structure is able to perform as designed and constructed.

DWR Levee Inspection Summary

NA0010												
		Total LMA Miles		191.36								
		Fall 2012				Fall 2013				Change		
		Overall LMA Rating		U		Overall LMA Rating		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	145.00		145.00	75.77	0.48		0.48	0.25	-144.52		-144.52	-75.52
Trim / Thin Trees	0.02		0.02	0.01					-0.02		-0.02	-0.01
Encroachments	0.61		0.61	0.32	0.57		0.57	0.30	-0.04		-0.04	-0.02
Animal Control	2.68		2.68	1.40	1.40		1.40	0.73	-1.28		-1.28	-0.67
Slope Stability	0.76		0.76	0.40	1.06		1.06	0.55	0.30		0.30	0.16
Erosion / Bank Caving	0.13	0.01	0.17	0.09	0.15	0.01	0.19	0.10	0.02		0.02	0.01
Crown Surface / Depressions / Rutting	43.08		43.08	22.51	12.17		12.17	6.36	-30.91		-30.91	-16.15
Repair Gates					0.02		0.02	0.01	0.02		0.02	0.01
<i>Interior Drainage & Piping Systems</i>												
Vegetation & Obstructions		0.01	0.04	0.02						-0.01	-0.04	-0.02
<i>Channels</i>												
Encroachments												0.00
Concrete Foundations	0.01		0.01	0.01					-0.01		-0.01	-0.01
<i>LMA Totals:</i>	192.29	0.02	192.37	100.53	15.85	0.01	15.89	8.30*	-176.44	-0.01	-176.48	-92.22

* 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
Ash Slough Drop Structure No. 1	A
Ash Slough Drop Structure No. 2	A
Ash Slough Drop Structure No. 3	A
Ash Slough Drop Structure No. 4	A
Bear Creek Diversion Structure	A
Eastside Bypass Control Structure	A
Eastside Bypass Drop Structure No. 1	A
Eastside Bypass Drop Structure No. 2	A
Fresno River Drainage Structure	A
Mariposa Bypass Control Structure	A
Mariposa Bypass Drop Structure	A
Owens Creek Control Structure	M
Owens Creek Overflow Structure	A
San Joaquin River And Chowchilla Canal Bypass Control Structure	A
San Joaquin River Structure And Sand Slough Structure	A

DWR Channel Inspection Summary

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 Start	Levee Mile End	Issue Type	Status	Rating
NA0010U23RM224.27	224.27	9.10	9.21	River Erosion	Repaired Site	C
NA0010U23RM224.33	224.33	9.21	9.26	River Erosion	Repaired Site	C

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
LSJLD-Unit 24	8.38	Active	07/23/2013	M
LSJLD-Units 1, 4, 6, and 12	17.70	Inactive	03/15/2013	U
LSJLD-Units 1, 5, 7, and 22	20.31	Inactive	04/23/2012	U
LSJLD-Units 1, 6, and 11	20.71	Active	01/30/2013	M
LSJLD-Units 17, 23 - Fresno R, Chowchilla Bypass	35.35	Inactive	03/15/2013	U
LSJLD-Units 2 and 25	16.22	Inactive	04/23/2012	U
LSJLD-Units 3, 6, 18 - Eastside-Chowchilla Bypass	34.48	Inactive	03/15/2013	U
LSJLD-Units 5 and 13 - Ash Slough right bank	23.53	Inactive	03/20/2013	U
LSJLD-Units 5 and 16 - Berenda Slough and Fresno R	16.35	Inactive	03/20/2013	U
LSJLD-Units 5, 10, and 22	2.98	Inactive	03/15/2013	U
LSJLD-Units 5, 14, and 15 - Ash and Berenda Slghs	9.89	Inactive	03/26/2013	U
LSJLD-Units 5, 8, 9, and 22	11.29	Inactive	02/04/2013	U

DWR Flood System Repair Project Summary

Unit : unable to assign

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
Obsrv-134076	Serious	Erosion	5.18	5.42	Left	36.78250	-120.22247

Unit No. 01 San Joaquin River

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
178-101	Serious	Seepage	14.27	14.38	Right	37.24159	-120.81717
178-100	Serious	Seepage	15.82	17.25	Right	37.22609	-120.79910
178-FOC-5	Serious	Seepage	18.8	18.8	Right	37.20483	-120.76227
181-FOC-3	Serious	Seepage	19.23	19.88	Right	37.19663	-120.76345
181-FOC-4	Serious	Seepage	20.55	20.75	Right	37.18756	-120.76373
181-FOC-5	Serious	Seepage	20.91	20.91	Right	37.18537	-120.76519
176-1	Critical	Other	9.92	9.95	Right	37.29141	-120.83941

Unit No. 02B San Joaquin River

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
DWR_NA0010_02A_s_2012_5	Serious	Erosion	0.70	0.80	Left	37.28681	-120.87412

Unit No. 03 San Joaquin River

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
183-100	Serious	Seepage	1.19	1.19	Right	37.09843	-120.57698
183-1	Serious	Seepage	1.47	1.47	Right	37.09621	-120.57573
183-FOC-4	Serious	Seepage	1.49	1.49	Right	37.09490	-120.57404
183-FOC-5	Serious	Seepage	1.59	1.59	Right	37.09400	-120.57268

Unit No. 05 East Side Bypass

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
DWR_NA0010_05_R_2012_03	Critical	Other	0.30	0.30	Right	37.27660	-120.81970
182-4	Serious	Seepage	13.85	13.85	Right	37.16653	-120.62797
182-100	Serious	Seepage	14.00	14.79	Right	37.15894	-120.61249
182-2	Critical	Seepage	15.00	15.00	Right	37.15757	-120.61057
DWR_NA0010_05_R_2012_01	Critical	Seepage	30.47	30.47	Right	37.00941	-120.42556
DWR_NA0010_05_R_2012_02	Serious	Seepage	31.50	31.50	Right	36.99855	-120.41271
DWR_NA0011_05_R_2012_01	Serious	Other	6.70	6.84	Right	36.96891	-120.25337

Unit No. 06 East Side Bypass

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
DWR_NA0010_06_R_2012_01	Serious	Erosion	0.10	0.10	Left	37.27591	-120.82495
252-FOC-1	Serious	Seepage	13.23	13.23	Left	37.17167	-120.65619
252-FOC-2	Serious	Seepage	13.88	13.88	Left	37.17162	-120.64442
252-1	Serious	Seepage	14.32	14.32	Left	37.16918	-120.63778
252-111	Serious	Seepage	14.56	14.66	Left	37.16658	-120.63516
252-106	Serious	Seepage	16.10	16.75	Left	37.14568	-120.60391
252-FOC-3	Serious	Seepage	17.26	17.26	Left	37.14073	-120.59952
252-FOC-4	Serious	Seepage	17.85	17.85	Left	37.13342	-120.59410
252-FOC-5	Serious	Seepage	18.14	18.14	Left	37.12978	-120.59159
252-FOC-6	Serious	Seepage	19.25	19.25	Left	37.11455	-120.58760
253-136	Critical	Seepage	21.19	21.19	Left	37.10767	-120.55799

Unit No. 12 Mariposa Bypass

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
354-FOC-1	Serious	Seepage	0.61	0.61	Left	37.20092	-120.74413
354-101	Serious	Seepage	1.13	1.75	Left	37.20087	-120.72318

DWR Flood System Repair Project Summary

Unit No. 17 Chowchilla Canal Bypass

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
261-101	Serious	Other	11.68	12.4	Right	36.82983	-120.29784
261-105	Serious	Seepage	13.76	13.87	Right	36.80090	-120.30675

Unit No. 18 Chowchilla Canal Bypass

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
357-FOC-3	Serious	Seepage	10.95	10.95	Left	36.82806	-120.30011
357-FOC-4	Serious	Seepage	11.00	11.01	Left	36.82730	-120.30021

Unit No. 23 San Joaquin River

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
219-3	Serious	Seepage	0.21	0.21	Right	36.77269	-120.28055
219-100	Serious	Seepage	0.21	0.70	Right	36.77269	-120.28055
219-4	Critical	Seepage	0.58	0.59	Right	36.77415	-120.27523
219-1	Critical	Seepage	0.66	0.66	Right	36.77476	-120.27398
219-101	Critical	Other	0.81	0.96	Right	36.77307	-120.26933
219-5	Serious	Seepage	1.08	1.10	Right	36.77270	-120.26698
219-103	Serious	Other	1.08	1.10	Right	36.77270	-120.26698
219-105	Critical	Seepage	1.17	1.17	Right	36.77290	-120.26537
219-FOC-6	Serious	Seepage	1.93	1.93	Right	36.77316	-120.25339
219-FOC-7	Serious	Seepage	3.64	3.64	Right	36.77934	-120.23446

Unit No. 24 San Joaquin River

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
220-3	Critical	Seepage	0.10	0.10	Left	36.77198	-120.28467
220-113	Critical	Seepage	0.16	0.26	Left	36.77164	-120.28387
220-10	Critical	Seepage	0.32	0.32	Left	36.76950	-120.28318
220-102	Critical	Seepage	0.43	0.44	Left	36.76765	-120.28375
220-112	Serious	Seepage	0.56	0.65	Left	36.76547	-120.28178
220-107	Critical	Seepage	0.86	0.86	Left	36.76715	-120.27844
220-100	Serious	Seepage	0.87	1.82	Left	36.77058	-120.26860
220-108	Serious	Other	0.87	1.82	Left	36.77188	-120.27155
220-7	Serious	Seepage	1.40	1.44	Left	36.77189	-120.27160
220-106	Serious	Seepage	1.58	1.83	Left	36.77083	-120.26679
220-8	Critical	Seepage	2.17	2.17	Left	36.76991	-120.25900
220-2	Critical	Seepage	2.37	2.37	Left	36.76945	-120.25529
220-1	Critical	Seepage	2.83	2.83	Left	36.77206	-120.24837
220-110	Critical	Seepage	2.96	3.13	Left	36.77067	-120.24670
220-4	Critical	Seepage	3.56	3.56	Left	36.76891	-120.23718
220-105	Critical	Seepage	3.74	3.86	Left	36.76784	-120.23434

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 change in conditions from 2012. The 2012 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 2012 Reporting. The 2012 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 landside, 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 include 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 \$1,038,960.

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, drainage ditch maintenance, encroachment control, equipment maintenance, erosion repair, field observation and research, hole grouting and compaction, minor structure maintenance, personnel training and supervision, roadway graveling, rodent control, sediment extraction, slope dragging, and vegetation burning, mowing, planting and spraying. The reported total estimated cost for all units for the current fiscal year is \$977,458.

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

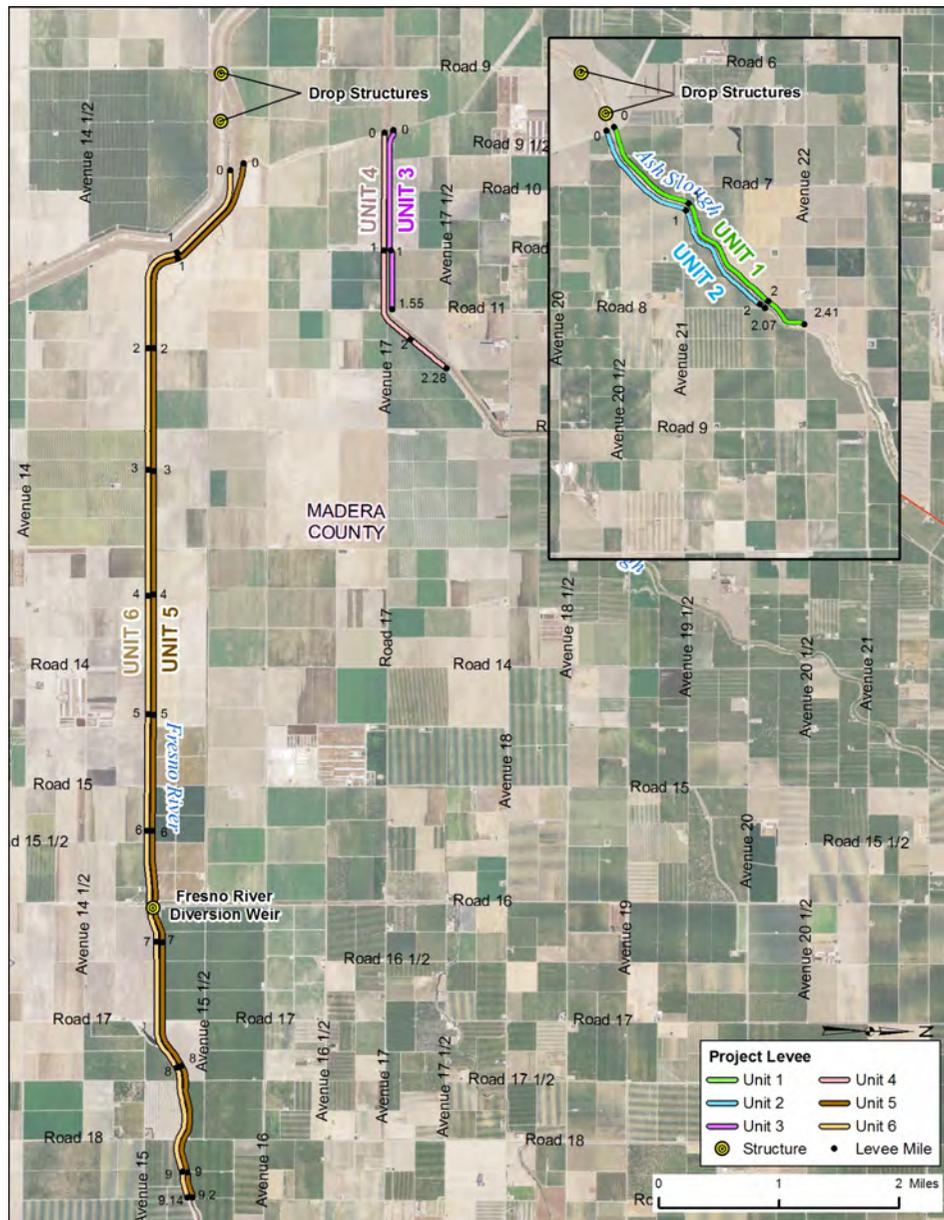
The Agency provided summary of Project levees and facility operational concerns. The Agency also provided the locations of these concerns and their potential remedies. The Agency reported seepage at Levee Unit 1, LM 4.5 to 5.5, 12 to 16.5, 16.5 to 17 and 20.5 to 21.5, Levee Unit 3, LM 0 to 2.16, Levee 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
County Engineer
2037 West Cleveland Avenue
Madera CA 93637
Phone: (559) 675-7817



LMA 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 vegetation that significantly impacts access and visibility 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 enhance its rodent control program.
- The LMA should ensure that the capacity of the channel as designed and constructed is maintained.
- The LMA should continue to maintain the area at the high level seen during the last Structure inspection.

DWR Levee Inspection Summary

Rated Item	Total LMA Miles		Fall 2012		Fall 2013				Change			
	26.65		U		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	52.77	13.25	105.77	396.89	48.36	34.84	187.72	704.39	-4.41	21.59	81.95	307.50
Trim / Thin Trees	0.50		0.50	1.88	0.53	0.03	0.65	2.44	0.03	0.03	0.15	0.56
Encroachments	0.43	0.04	0.59	2.21	0.36	0.01	0.40	1.50	-0.07	-0.03	-0.19	-0.71
Animal Control	16.61	1.29	21.77	81.69	21.58	5.40	43.18	162.03	4.97	4.11	21.41	80.34
Slope Stability		0.01	0.04	0.15	0.98	0.01	1.02	3.83	0.98		0.98	3.68
Erosion / Bank Caving	0.01		0.01	0.04	0.01		0.01	0.04				0.00
Crown Surface / Depressions / Rutting	0.80		0.80	3.00	2.55		2.55	9.57	1.75		1.75	6.57
<i>Channels</i>												
Encroachments	0.01		0.01	0.04	0.01		0.01	0.04				0.00
<i>Supplemental</i>												
DWR Erosion Survey	0.12		0.12	0.45	0.02	0.09	0.38	1.43	-0.10	0.09	0.26	0.98
<i>LMA Totals:</i>	71.25	14.59	129.61	486.34	74.40	40.38	235.92	885.25	3.15	25.79	106.31	398.91

DWR Structure Inspection Summary

Structure Name	Overall Rating
Ash And Berenda Slough Control Structures	A
Fresno River Diversion Weir	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	U
NA0011U01RM3.8	3.8	2.37	2.39	Maintenance Erosion	Existing Site	M

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
LSJLD-Units 17, 23 - Fresno R, Chowchilla Bypass	35.35	Inactive	03/15/2013	U
LSJLD-Units 5 and 13 - Ash Slough right bank	23.53	Inactive	03/20/2013	U
LSJLD-Units 5 and 16 - Berenda Slough and Fresno R	16.35	Inactive	03/20/2013	U
LSJLD-Units 5, 14, and 15 - Ash and Berenda Slghs	9.89	Inactive	03/26/2013	U

DWR Flood System Repair Project Summary

Unit No. 04 Berenda Slough

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
12-2	Critical	Seepage	1.14	1.14	Left	36.99558	-120.35308

Unit No. 05 Fresno River

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
27-4	Critical	Seepage	1.35	1.35	Right	36.96786	-120.35003
27-102	Critical	Seepage	4.22	4.22	Right	36.96826	-120.29831
27-100	Critical	Stability	4.85	4.85	Right	36.96831	-120.28726
27-106	Critical	Seepage	5.80	5.80	Right	36.96827	-120.27032

Unit No. 06 Fresno River

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
28-4	Critical	Seepage	0.72	0.72	Left	36.97224	-120.35683
28-2	Critical	Seepage	1.17	1.17	Left	36.96729	-120.35202
DWR_NA0011_06_R_2012_01	Critical	Seepage	1.30	1.30	Left	36.96715	-120.34980

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 waterside of Levee Unit 2 at LM 0.004. The Agency also reported about an unauthorized encroachment at LM 0.955 and an unauthorized pipe at LM 1.52 of Levee Unit 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 a sand boil at Levee Unit 6, LM 5.77 and burrow holes at Levee Unit 5, near LM 6.6.

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

The Agency provided a summary of maintenance activities performed for Ash Slough. Activities include Arrundo clearing 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. Expenses include costs of rodent control, sand boil repair, vegetation mowing and spraying. The reported total estimated cost for various flood control channels and maintenance activities of the Project levee is \$438,000 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

The Agency reported that there is no new additional information that is relevant to the condition or performance of the Project levee.

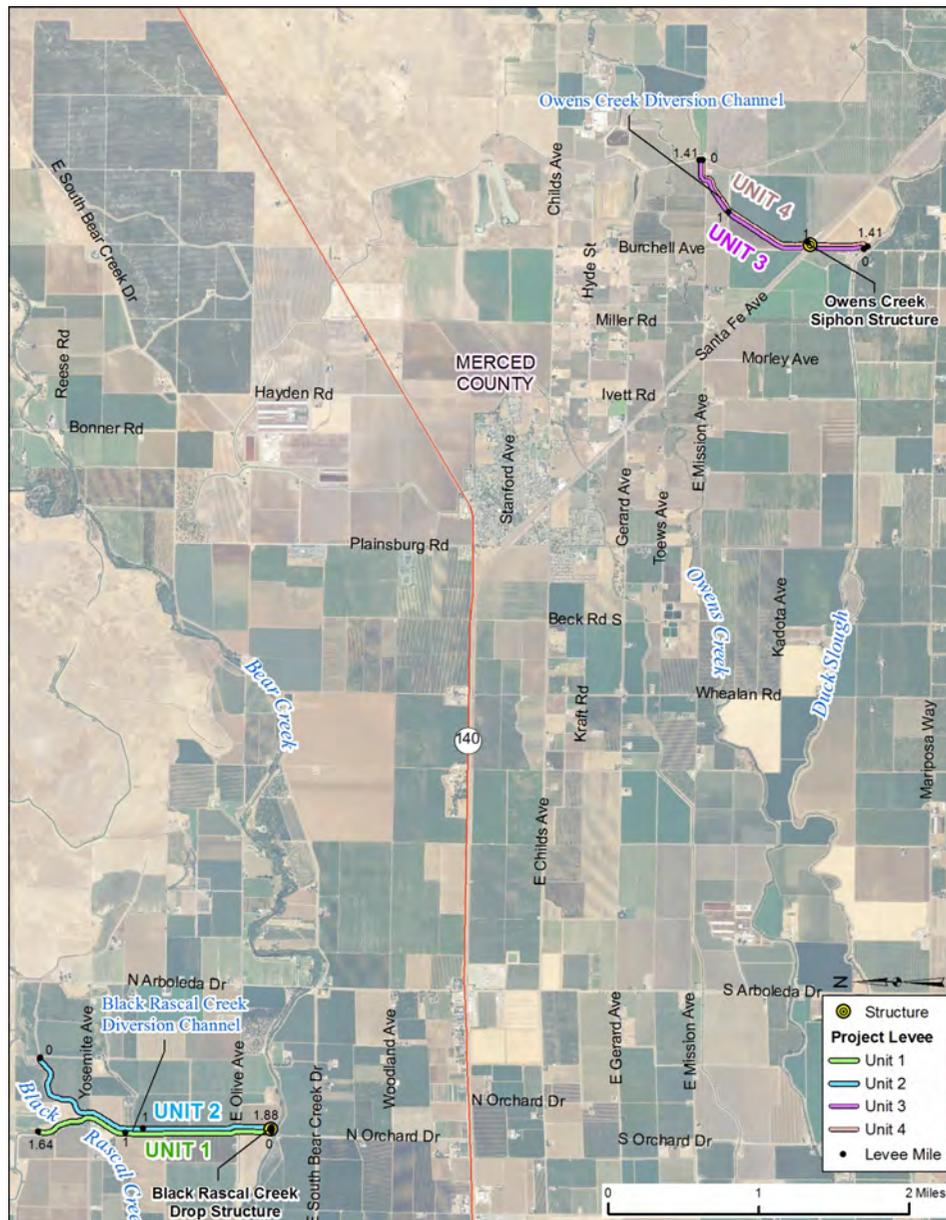
Merced Streams Group

Merced County

Contact

Paul Fillebrown
Public Works Director
715 Martin Luther King Jr. Way
Merced CA 95341
Phone: (209) 385-7602

Merced County



LMA Short Name : NA0013 **Bank Unit Length (Miles)**

Unit No. 01	Black Rascal Diversion	RB	1.64
Unit No. 02	Black Rascal Diversion	LB	1.88
Unit No. 03	Owens Creek Diversion	RB	1.44
Unit No. 04	Owens Creek Diversion	LB	1.44

Threat Assessment & Recommendations

- There is vegetation that significantly impacts access and visibility in this Area.
- There is significant rodent activity in this Area.
- The LMA should focus more on controlling vegetation to maintain visibility and access.
- The LMA should enhance its rodent control program.
- The LMA should ensure that the capacity of the channel as designed and constructed is maintained.
- 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.

DWR Levee Inspection Summary

Rated Item	Total LMA Miles		6.40		Fall 2012				Fall 2013				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	0.61		0.61	9.53	2.08	4.05	18.28	285.63	1.47	4.05	17.67	276.09				
Trim / Thin Trees	0.01	0.17	0.69	10.78	0.02		0.02	0.31	0.01	-0.17	-0.67	-10.47				
Encroachments	0.02		0.02	0.31					-0.02		-0.02	-0.31				
Animal Control	1.70	0.64	4.26	66.56	2.39	0.64	4.95	77.34	0.69		0.69	10.78				
Erosion / Bank Caving	0.01		0.01	0.16		0.01	0.04	0.63	-0.01	0.01	0.03	0.47				
Cracking					0.01		0.01	0.16	0.01		0.01	0.16				
Crown Surface / Depressions / Rutting	0.52		0.52	8.13	0.88		0.88	13.75	0.36		0.36	5.63				
Repair Gates						0.01	0.04	0.63		0.01	0.04	0.63				
<i>Channels</i>																
Encroachments	0.40		0.40	6.25					-0.40		-0.40	-6.25				
<i>Supplemental</i>																
DWR Erosion Survey	0.16		0.16	2.50	0.18		0.18	2.81	0.02		0.02	0.31				
<i>LMA Totals:</i>	3.43	0.81	6.67	104.22	5.56	4.71	24.40	381.25	2.13	3.90	17.73	277.03				

DWR Structure Inspection Summary

Structure Name	Overall Rating
Black Rascal Creek Drop Structure	A
Owens Creek Siphon Structure	M

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	A

DWR San Joaquin River Erosion Summary

Unit No. 02 Black Rascal Diversion, LB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Issue Type	Status	Rating
NA0013U02RM1.31	1.31	1.31	1.31	Maintenance Erosion	New Site	M

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
NA0013U03RM1.25	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
NA0013U04RM0.21	0.21	0.15	0.28	Maintenance Erosion	Existing Site	M
NA0013U04RM0.42	0.42	0.42	0.43	Maintenance Erosion	Existing Site	M

USACE Inspection Ratings Summary

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Merced Stream Group - Black Rascal - Unit 1	1.61	Active	N/A	N/A
Merced Stream Group - Black Rascal - Unit 2	1.83	Active	N/A	N/A
Merced Stream Group - Owens Creek - Unit 1	1.36	Active	N/A	N/A
Merced Stream Group - Owens Creek - Unit 2	1.39	Active	N/A	N/A

DWR Flood System Repair Project Summary

No POI Repair Sites.

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 include rodent control, tree trimming and thinning, 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 control, hole grouting, and vegetation control. The reported total estimated cost for the current fiscal year is \$48,000.

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 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 District

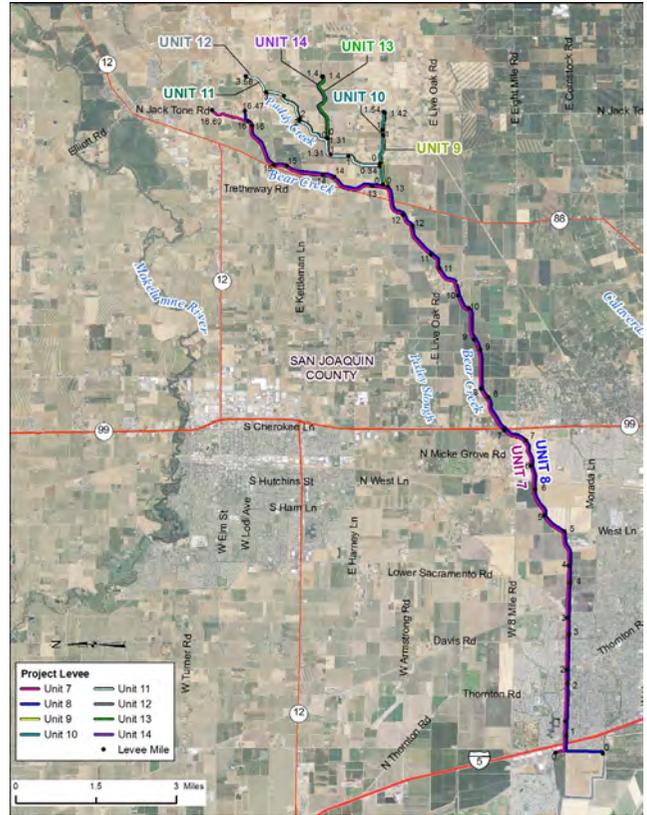
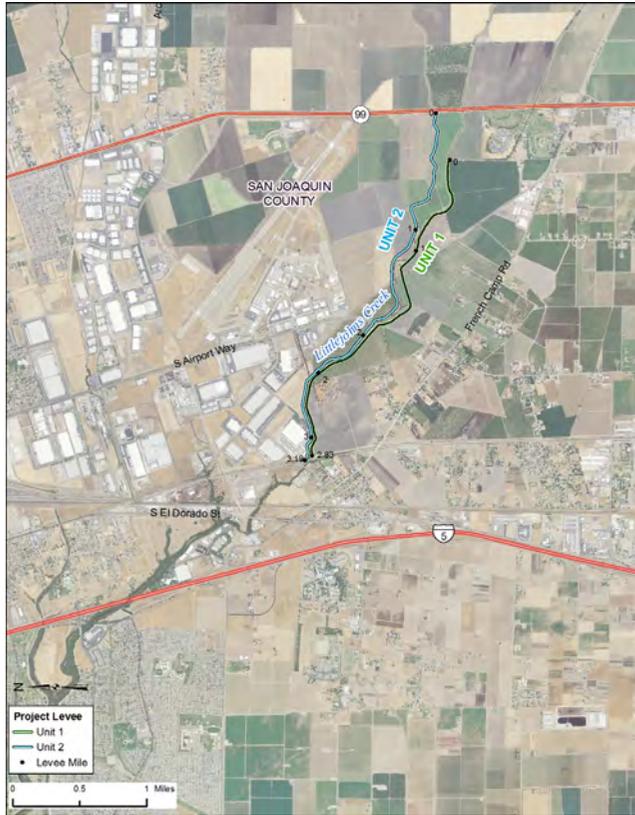
San Joaquin County

Contact

Tom Gau
Public Works Director
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



SAN JOAQUIN SYSTEM : San Joaquin County Flood Control and Water Conservation District

San Joaquin
County

LMA Short Name : NA0017

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

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 enhance its rodent control program.
- The LMA should work with landowners and the CVFPB to control unauthorized encroachments.
- The LMA should ensure that the capacity of the channel as designed and constructed is maintained.
- The LMA should continue to maintain the area at the high level seen during the last Structure inspection.

DWR Levee Inspection Summary

Rated Item	Total LMA Miles		Fall 2012		Fall 2013				Change			
	103.96		M		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	0.82		0.82	0.79	0.05		0.05	0.05	-0.77		-0.77	-0.74
Trim / Thin Trees	0.03		0.03	0.03	0.03		0.03	0.03				0.00
Encroachments	1.68	0.01	1.72	1.65	0.99		0.99	0.95	-0.69	-0.01	-0.73	-0.70
Animal Control	0.59	0.03	0.71	0.68	0.45	0.03	0.57	0.55	-0.14		-0.14	-0.13
Slope Stability	0.72	0.01	0.76	0.73	0.26		0.26	0.25	-0.46	-0.01	-0.50	-0.48
Erosion / Bank Caving	0.11		0.11	0.11	0.43	0.01	0.47	0.45	0.32	0.01	0.36	0.35
Cracking	0.02		0.02	0.02	0.13		0.13	0.13	0.11		0.11	0.11
Crown Surface / Depressions / Rutting	0.17		0.17	0.16	0.06		0.06	0.06	-0.11		-0.11	-0.11
<i>Interior Drainage & Piping Systems</i>												
Flap Gates	0.01	0.01	0.05	0.05					-0.01	-0.01	-0.05	-0.05
<i>Concrete Floodwalls</i>												
Monolith Joints	0.06		0.06	0.06	0.13		0.13	0.13	0.07		0.07	0.07
<i>Channels</i>												
Vegetation & Obstructions					0.01		0.01	0.01	0.01		0.01	0.01
<i>Supplemental</i>												
DWR Erosion Survey	0.17	1.68	6.89	6.63	1.18	0.75	4.18	4.02	1.01	-0.93	-2.71	-2.61
LMA Totals:	4.38	1.74	11.34	10.91	3.72	0.79	6.88	6.62*	-0.66	-0.95	-4.46	-4.29

* 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
Duck Creek Diversion Weir And Control Structure	A
Mormon Slough Pumping Plant No. 1	A
Mormon Slough Pumping Plant No. 2	A
Mormon Slough Pumping Plant No. 3	A

DWR Channel Inspection Summary

Channel Name	Overall Rating
Duck Creek Diversion Channel	A
North Littlejohn Creek	M
South Littlejohn Creek	M
South Littlejohn Creek North Branch	A

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
NA0017U15RM22.91	22.91	0.41	1.32	River Erosion	Existing Site	M
NA0017U15RM14.49	14.49	8.43	8.43	River Erosion	New Site	M

Unit No. 16 Mormon Slough, LB

Site ID	River Mile	Levee Mile Start	Levee Mile End	Issue Type	Status	Rating
NA0017U16RM23.35	23.35	0.13	0.47	River Erosion	Existing Site	U
NA0017U16RM22.74	22.74	0.97	0.99	River Erosion	Existing Site	U
NA0017U16RM22.58	22.58	1.13	1.13	River Erosion	Existing Site	U
NA0017U16RM22.15	22.15	1.59	1.59	River Erosion	Existing Site	M
NA0017U16RM22.01	22.01	1.74	1.75	River Erosion	Existing Site	U
NA0017U16RM21.95	21.95	1.75	1.76	River Erosion	Existing Site	M
NA0017U16RM21.94	21.94	1.77	1.78	River Erosion	Existing Site	M
NA0017U16RM21.05	21.05	1.93	1.95	River Erosion	Existing Site	M
NA0017U16RM20.71	20.71	2.31	2.32	River Erosion	Existing Site	M
NA0017U16RM20.62	20.62	2.37	2.38	River Erosion	Existing Site	U
NA0017U16RM20	20	3.00	3.06	River Erosion	Existing Site	U
NA0017U16RM19.28	19.28	3.78	3.79	River Erosion	Repaired Site	C
NA0017U16RM19.23	19.23	3.84	3.85	River Erosion	Repaired Site	C
NA0017U16RM19.18	19.18	3.89	3.91	River Erosion	Existing Site	M
NA0017U16RM18.69	18.69	4.32	4.34	River Erosion	Existing Site	U
NA0017U16RM17.99	17.99	5.03	5.03	River Erosion	Existing Site	U
NA0017U16RM17.81	17.81	5.52	5.57	River Erosion	Existing Site	M
NA0017U16RM17.27	17.27	5.55	5.57	River Erosion	New Site	U
NA0017U16RM16.27	16.27	6.72	6.91	River Erosion	Existing Site	U
NA0017U16RM10.82	10.82	7.35	7.41	River Erosion	New Site	U
NA0017U16RM14.48	14.48	8.61	8.65	River Erosion	Existing Site	M
NA0017U16RM13.86	13.86	8.99	8.99	River Erosion	Existing Site	M
NA0017U16RM13.85	13.85	9.07	9.07	River Erosion	New Site	U
NA0017U16RM13.72	13.72	9.39	9.41	River Erosion	Existing Site	M
NA0017U16RM13.53	13.53	9.58	9.60	River Erosion	Existing Site	M
NA0017U16RM12.95	12.95	10.16	10.18	River Erosion	Existing Site	M

USACE 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	Active	07/24/2013	M
Bear Creek - Units 7 east	6.54	Active	02/27/2013	M
Bear Creek - Units 7 west and 21	4.19	Inactive	08/21/2012	U
Bear Creek - Units 7, 22, and 23	9.29	Active	02/27/2013	M
Bear Creek - Units 8, 10, and 11	7.25	Active	02/27/2013	M
Bear Creek - Units 8, 24, 26, and 9	5.57	Active	02/27/2013	M
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	U
Littlejohn Creek right bank - Unit 2	2.14	Inactive	01/18/2008	U
Mormon Slough - Calaveras R right bank - RD 2074	11.68	Inactive	04/17/2012	U
Mormon Slough - Calaveras, Divert Canal left bank	12.75	Inactive	04/17/2012	U
Mormon Slough - Diverting Canal right bank	9.58	Active	02/27/2013	M
Mormon Slough left bank along RR tracks - Unit 16	0.46	Active	10/27/2012	M
Mormon Slough right bank - Unit 15 east	3.64	Active	02/27/2013	M

San Joaquin
County

DWR Flood System Repair Project Summary

Unit No. 15 Mormon Slough

POI Number	Status	Failure Mode	Location Start	Location End	Bank	Start Latitude	Start Longitude
DWR_NA0017_15_s_2012_10	Serious	Erosion	0.41	1.32	Right	38.04660	-121.02158

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 there is no new relevant information on the condition or performance of the Project 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 that there is no new relevant information on impairments or compromising conditions.

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

The Agency provided a summary of maintenance activities accomplished for all levee units. Activities include erosion repair, encroachment control, gate repair, inspections, patrolling, roadway grading, rodent baiting and hole grouting, tree thinning and trimming, and vegetation mowing and spraying. The Agency also provided actions taken on inspection items listed by DWR in the inspection report. The actions taken include corrected issues for crown surface repair, encroachment control, erosion repair, 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 equipment maintenance, erosion repair, gate repair, in-channel sediment and weed removal, minor structure repair, patrolling, roadway grading and repair, rodent control, trash removal, tree trimming and removal, and vegetation control. The reported total estimated cost for the current fiscal year is \$2,062,796.

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 San Joaquin County has a safety plan in place and receives regular trainings from DWR on flood fighting. The Agency also reported of finding a USACE drawn as-built for a drainage pipe for Unit 13.

Turlock Irrigation District Gomes Lake

Stanislaus County

Contact

Les Barrigar
Manager
333 East Canal Drive
Turlock CA 95381
Phone: (209) 883-8272

TID



LMA Short Name : NA0065

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
Gomes Lake Pumping Plant	A

TID

DWR Channel Inspection Summary

No Channels Inspected in this District.

DWR San Joaquin River Erosion Summary

No Supplemental Erosion Sites.

DWR Flood System Repair Project Summary

No POI Repair Sites.

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 provided by the Agency for Part 1.

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

No information provided by the Agency for Part 2.

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

No information provided by the Agency for Part 3.

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

No information provided by the Agency for Part 4.

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

The maintenance report for this levee unit was submitted by RD 2091 as Levee Unit 2.

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Appendix **C**

Miscellaneous Summary Reports

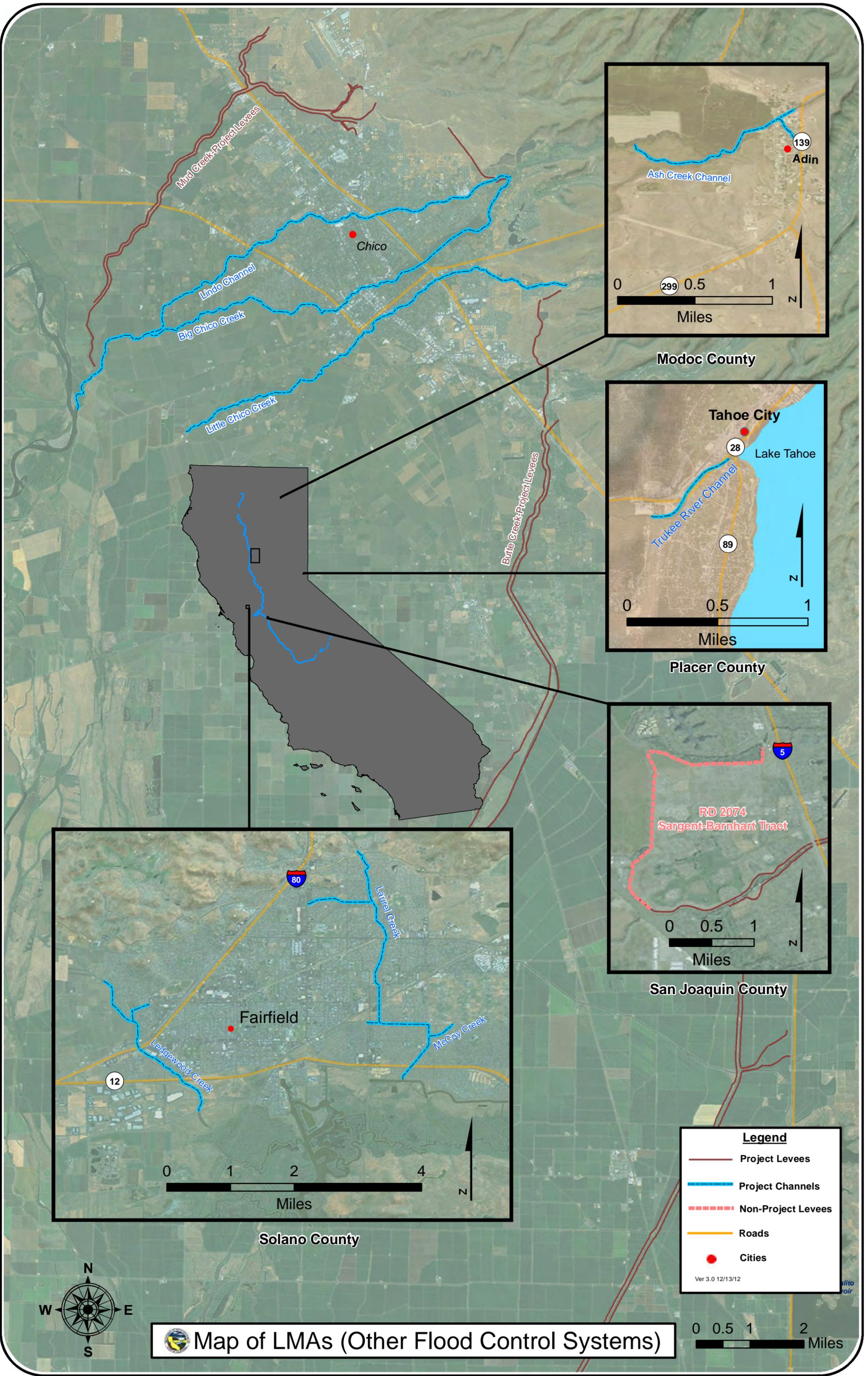
This Appendix includes reporting of a Non Project Levee in the San Joaquin River Flood Control Project. It also includes channels in areas that are outside of the the Sacramento and San Joaquin River Flood Control Project. Appendix C includes:

- Miscellaneous Index
- Map
- Individual local area Summary Profiles

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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

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Map of LMAs (Other Flood Control Systems)

Reclamation District No. 2074 Sargent-Barnhart Tract

San Joaquin County

Contact

Nelson Bahler
President
PO Box 7576
Stockton CA 95267
Phone: (209) 473-6024



LMA 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

No Structures Inspected in this District.

DWR Channel Inspection Summary

No Channels Inspected in this District.

DWR San Joaquin River Erosion Summary

No Supplemental Erosion Sites.

DWR Flood System Repair Project Summary

No POI Repair Sites.

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 existing encroachments are regularly inspected and new encroachments will meet CVFPB, DWR, and USACE standards. The Agency also reported all access gates are locked. The Agency mentioned all erosion, vegetation, and rodent issues are maintained regularly and levees are in good 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 include 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, rodent control, and vegetation control. The reported total estimated cost for the current fiscal year is \$610,000.

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.

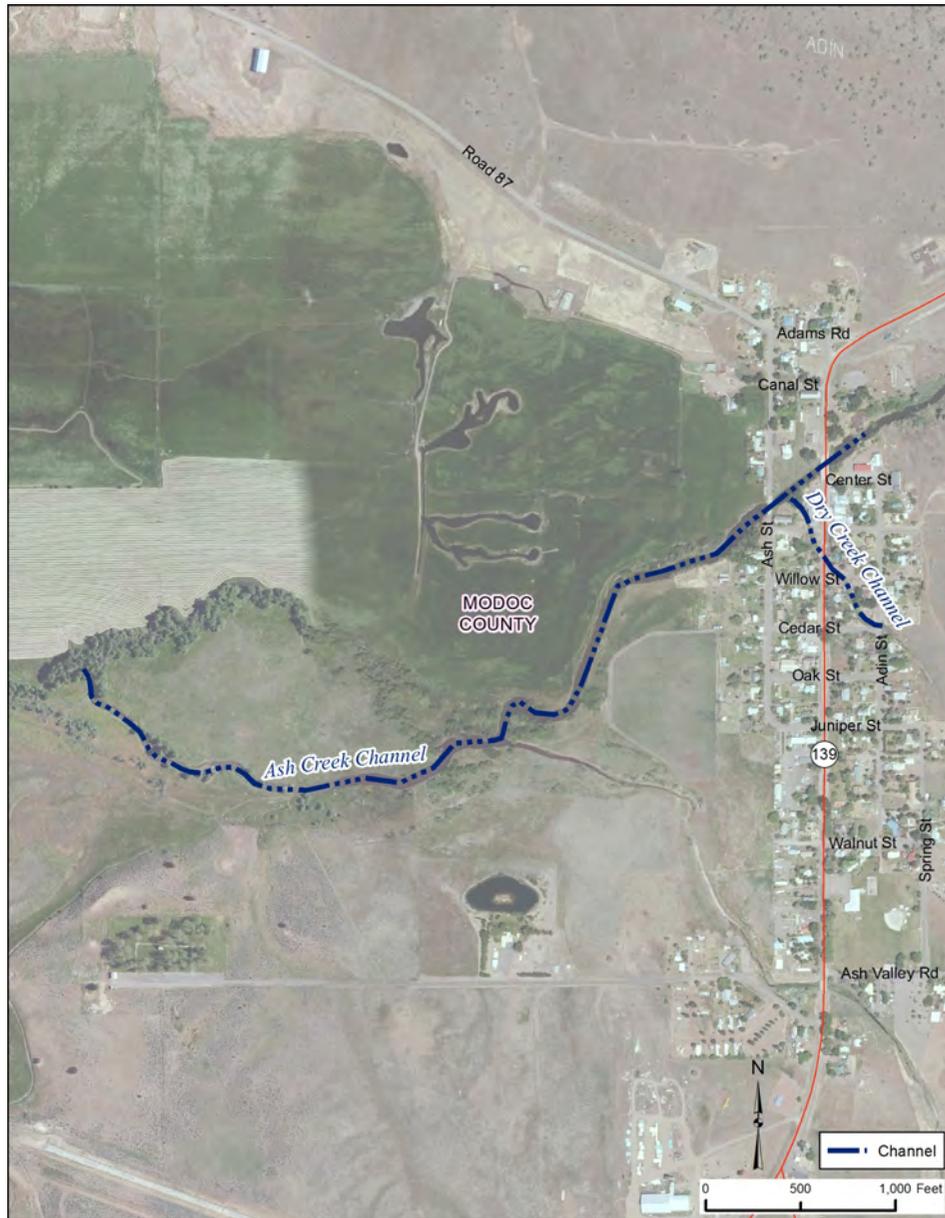
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Adin Community Service District

Modoc County

Contact

Katie Bidwell
President
PO Box 258
Adin CA 96006
Phone: (530) 260-6396



LMA 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

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.

DWR Flood System Repair Project Summary

No POI Repair Sites.

DWR Summary of Local Maintaining Agency Report

No Reporting by this District.

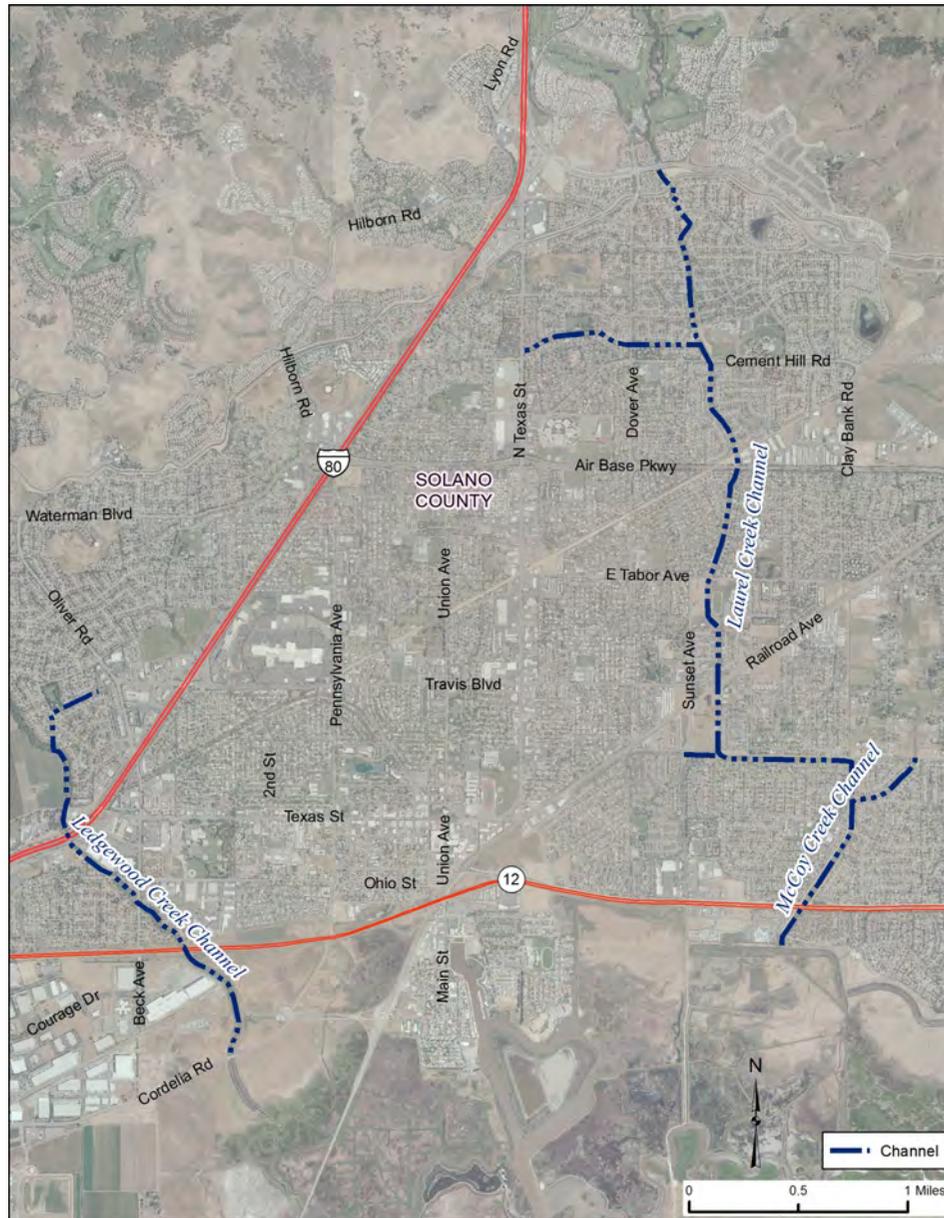
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Fairfield Suisun Sewer District

Solano County

Contact

Kevin Cullen
Senior Environmental Engineer
1010 Chadbourne Road
Fairfield CA 94534-9700
Phone: (707) 429-8930



LMA 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

No Structures Inspected in this District.

DWR Channel Inspection Summary

Channel Name	Overall Rating
Laurel Creek	M
Ledgewood Creek	A
McCoy Creek	A
Union Avenue Diversion	A

DWR San Joaquin River Erosion Summary

No Supplemental Erosion Sites.

DWR Flood System Repair Project Summary

No POI Repair Sites.

DWR Summary of Local Maintaining Agency Report

No Reporting by this District.

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Placer County

Placer County

Contact

Brian Keating
District Manager
3091 County Center Drive Suite 220
Auburn CA 95603
Phone: (530) 745-7592



LMA Short Name : NA0045	Bank	Unit Length (Miles)
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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

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.

DWR Flood System Repair Project Summary

No POI Repair Sites.

DWR Summary of Local Maintaining Agency Report

No Reporting by this District.

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Appendix **D**

Relevant Correspondence for the LMA Reporting Program

Report Submission Letter to Libraries, February 12, 2013

Report Submission Letter to Counties, February 12, 2013

2013 Local Maintaining Agency Reporting Requirements Workshop Flyer, July 2013

Fact Sheet – Local Maintaining Agency Reporting Requirements, Updated July 2013

Fact Sheet – Non-Project Levees Local Maintaining Agency Reporting Requirements, August 2013

Non-Project Levee Information Submission Letter to the LMAs, August 1, 2013

Reporting Requirements Letter to the LMAs, September 3, 2013

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

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DEPARTMENT OF WATER RESOURCES

DIVISION OF FLOOD MANAGEMENT
P.O. BOX 219000
SACRAMENTO, CA 95821-9000



February 12, 2013

To: Libraries Designated by California Water Code Sections 9140 and 9141

RE: Issuance of 2012 Inspection and Local Maintaining Agency (LMA) Report

We are hereby providing the 2012 Inspection and Local Maintaining Agency Report to your library. The enclosed CD holds the electronic version of this report. The legislatively mandated (Code of Federal Regulations, Title 33, Section 208.10 and California Water Code Section 9140-9141) report includes information from the California Department of Water Resources (DWR) inspection, DWR summary of LMA reporting, United States Army Corps of Engineers (USACE) periodic inspections, DWR Erosion Survey, USACE erosion data along with other relevant information on the Central Valley State-Federal Flood Protection System. DWR is required to send the report to your library pursuant to California Water Code Section 9141, 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 sites have links to the report along with other information relating to inspection and LMA reporting program:

<http://cdec.water.ca.gov/lma.html> and <http://cdec.water.ca.gov/fsir.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 black ink, appearing to read "T. Eusuff".

Tasmin Eusuff, Chief
Local Maintaining Agency Assessment Section

Enclosure: CD

DEPARTMENT OF WATER RESOURCES

DIVISION OF FLOOD MANAGEMENT
P.O. BOX 219000
SACRAMENTO, CA 95821-9000



February 12, 2013

To: Counties Designated by California Water Code Sections 9140 and 9141

RE: Issuance of 2012 Inspection and Local Maintaining Agency (LMA) Report

We are hereby providing the 2012 Inspection and Local Maintaining Agency Report to your county Public Office. The enclosed CD holds the electronic version of this report. The legislatively mandated (Code of Federal Regulations, Title 33, Section 208.10 and California Water Code Section 9140-9141) report includes information from the California Department of Water Resources (DWR) inspection, DWR summary of LMA reporting, United States Army Corps of Engineers (USACE) periodic inspections, DWR Erosion Survey, USACE erosion data along with other relevant information on the Central Valley State-Federal Flood Protection System. DWR is required to send the report to your library pursuant to California Water Code Section 9141, 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 sites have links to the report along with other information relating to inspection and LMA reporting program:

<http://cdec.water.ca.gov/lma.html> and <http://cdec.water.ca.gov/fsir.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 black ink, appearing to read "T. Eusuff".

Tasmin Eusuff, Chief
Local Maintaining Agency Assessment Section

Enclosure: CD



Department of Water Resources

2013 Local Agency Reporting Requirements Workshop

California Water Code § 9140 (Assembly Bill 156)

Who should attend?

Local Agencies and their Representatives

Scheduled Agenda:

- Introductions
- Review of 2012 Annual Report
- Program Improvements in 2013
- Regional Planning Program
- Utility Crossing Inventory Program
- Hands-on Demonstration of Web Application
- Q&A Session
- Comments

Workshop Sessions:

August 20, 2013 9:00 – 11:00am
1:30 – 3:30pm

Workshop Location:

Department of Water Resources Joint Operations Center
2nd Floor, Flood Operations Center
3310 El Camino Avenue,
Sacramento, CA 95821

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 Regional Planning Program? Would you like to be briefed by DWR on the new tool that has been developed for the Utility Crossing Inventory Program (UCIP)?

If you answered "yes" to any of the above questions, please come and join us for the sixth annual workshop hosted by DWR's Flood Project Integrity and Inspection Branch. To accommodate all interested LMAs, DWR will hold two workshops in one day at two different times. Please join us at one of the workshops that is convenient for you. The workshop will provide information to LMAs about the LMAAR Program.

At each workshop, there will be features of the electronic web application developed in partnership with the California Data Exchange Center (CDEC) and 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 Regional Planning and UCIP programs will present information about their programs and will be available to answer questions.

RSVP by calling or e-mailing:

Tariq Chechi at (916) 574-2354
(Tariq.Chechi@water.ca.gov)

or

Mahesh Gautam at (916) 574-2759
(Mahesh.Gautam@water.ca.gov)

Your response by **August 2, 2013**, 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 (Tasmin.Eusuff@water.ca.gov)



Last updated: July 2013

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 (Tasmin.Eusuff@water.ca.gov), or
Mahesh Gautam at (916) 574-2759 (Mahesh.Gautam@water.ca.gov), or
Tariq Chechi at (916) 574-2354 (Tariq.Chechi@water.ca.gov)

Fact Sheet: Non-Project Levees Local Maintaining Agency Annual Reporting Requirements

California Water Code §9140 and 9141 (Assembly Bill 156, 2007)

Page 1 of 2

Department of Water Resources

August 2013

Why am I receiving this fact sheet?

The purpose of this fact sheet is to inform the Local Maintaining Agencies (LMAs) about the legislatively mandated reporting requirements primarily for the jurisdictional non-project levees. The fact sheet—the *Local Maintaining Agency Annual Reporting Requirements Fact Sheet*—was first published by the California Department of Water Resources (DWR) in 2008 and has been updated since then; it contains information on reporting requirements. As per the requirement, the LMAs are required to submit the information on project levees and jurisdictional non-project levees annually by September 30 of each year. This fact sheet on non-project levees aims to highlight those existing requirements for the jurisdictional non-project levees maintained by the LMAs.

What is a non-project levee?

Any levees that are not part of the State Plan of Flood Control are non-project levees. For the purpose of LMA annual reporting, under California Water Code 9140, non-project levees are those levees benefitting land within the boundaries of the area benefited by the project levees.

Why are non-project levees important?

There are thousands of miles of flood control levees in the Central Valley. Of these, only about 1,600 miles of levees are project levees and the rest are the non-project levees. There is a wide variation in the construction types and standards amongst the non-project levees. Despite their various types and standards, the non-project levees supplement and/or complement project levees by helping protect urban and agricultural areas and infrastructures.

Is reporting on non-project levees mandated by law?

Yes. Assembly Bill 156 was passed in 2007 by the California Legislature and requires LMAs to annually report the information on both project and jurisdictional non-project levees. Details on this requirement can be found in the California Water Code 9140 and 9141 (Assembly Bill 156, 2007).

Why LMAs should report on non-project levees they maintain?

Generally speaking, the information on non-project levees is equally of important as project levees particularly for flood preparedness and protection planning. DWR summarizes the information gathered from LMAs and submits it to the Central Valley Flood Protection Board (Board). The Board and DWR make the information available to the public through their respective websites and through counties and local libraries. Information sharing with the public and emergency management agencies is critically important for any comprehensive flood risk management planning and preparedness.

What information should be submitted?

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 Board or DWR.

How can the information on non-project levees be submitted?

Information on non-project levees can be provided together with information on project levees. This can be done electronically through LMA website (<http://cdec.water.ca.gov/lma.html>). Web-based information exchange can be very efficient and effective, and DWR strongly encourages LMAs to submit information electronically through the LMA reporting tool. However, for those who want to submit information by mail, forms can be downloaded from the LMA website or requested from Tariq Chechi at (916) 574-2354 (Tariq.Chechi@water.ca.gov) or Mahesh Gautam at (916) 574-2759 (Mahesh.Gautam@water.ca.gov).

What other additional information LMAs can provide?

Unlike project levees, it is likely that DWR may not have detailed information on all non-project levees. LMAs are therefore encouraged to provide as much information as they can on the non-project levees they maintain. Specific forms are provided in LMA website to assist LMAs to submit information in hard copy format or electronically.

Who should I contact if I have some questions?

Tasmin Eusuff at (916) 574-2362 (Tasmin.Eusuff@water.ca.gov)

DEPARTMENT OF WATER RESOURCESDIVISION OF FLOOD MANAGEMENT
P.O. BOX 219000
SACRAMENTO, CA 95821-9000

August 01, 2013

To: Local Levee Maintaining Agencies

RE: Non-project levee information

As you know, California Water Code (CWC) § 9140 requires the Local Maintaining Agencies (LMAs) to provide five categories of information related to the project and non-project levees to the Department of Water Resources (DWR). For the past five years, DWR has received information on the project levees maintained by the LMAs. This year, DWR is also asking the LMAs to submit information on the non-project levees.

Non-project levees are those levees which benefit the land within the boundaries of the area benefited by the project levees. In most cases, non-project levees are operated and maintained by the LMAs. For more information, please refer to the enclosed fact sheet on non-project levees.

To facilitate reporting on non-project levees, DWR is building a non-project levee database. By sharing your information on non-project levees, you will help us enhance the jurisdictional non-project levee database and integrate to our existing web-based reporting tool. The purpose of this letter is to solicit your assistance on this effort through the following activities:

- 1) Please fill out the enclosed "Non-project levee information form" and send it to us using the enclosed return envelope. If you prefer electronic submission instead, you can either do it through our web application at <http://cdec.water.ca.gov/lma.html> or by email. Please refer to the enclosed guide for web-based submission. The guide will describe how and where to access the form and files. Alternatively, for email submission, please look for the upcoming email notification with the attached file "Non-project levee information form.xls". This email will be sent to the designated contact for each LMA. We have also enclosed an example sheet of the non-project levee information form for your reference. You can also find the example form at <http://cdec.water.ca.gov/lma.html>, or please look for the attached file "Example of a filled out non-project levee information form.xls" in the upcoming email notification.

Please note that if you do not receive such an email notification from us within a week, it is likely that we do not have your email address. So, please provide us with your email address so that we can update our email list and also send you the digital copy of the enclosed material if you wish.

LMAs who do not maintain non-project levees are requested to confirm that they do not maintain non-project levees within their jurisdictions by stating "LMA does not maintain non-project levees." and send back to us by standard mail or by email.

Please review the enclosed aerial map that was compiled based on the preliminary information available to us. In some cases, it may not show all of the non-project levees maintained by your agencies or it may show non-project levees maintained by another agency. Please verify and supplement the information as applicable for any non-project

August 1, 2013
Local Levee Maintaining Agencies
Page 2

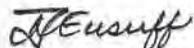
levees falling under the LMA's jurisdiction. An example of a marked-up map and a document which lists marked-up changes are enclosed for your reference. Once you verify the non-project levee map of your agency, please send back to us the map with any marked-up changes either by standard mail or by email.

- 2) Please feel free to share with DWR copies of any maps or any other non-project levee related information for your agency.

We have enclosed an envelope with our address (also noted below) for returning to us the form and marked-up maps and any other information about non-project levees maintained by the LMA (Department of Water Resources, Flood Project Integrity and Inspection Branch, P.O. BOX 219000, Room 256, Sacramento, CA 95821-9000, Attn: Tasmin Eusuff).

If you have any questions or comments, please contact me at (916) 574-2362 (Tasmin.Eusuff@water.ca.gov), Tariq Chechi at (916) 574-2354 (Tariq.Chechi@water.ca.gov) or Mahesh Gautam at (916) 574-2759 (Mahesh.Gautam@water.ca.gov).

Sincerely,



Tasmin Eusuff, Chief
Local Maintaining Agency Assessment Section

Enclosures:

- Non-project levee fact sheet
- Non-project levee information form
- Non-project levee information form (Example)
- Agency's aerial map
- Example map with marked-up changes
- Sample: Non-project levee verification
- Guide for web-based submission of non-project levee information
- Return envelope

DEPARTMENT OF WATER RESOURCES

DIVISION OF FLOOD MANAGEMENT
P.O. BOX 219000
SACRAMENTO, CA 95821-9000



September 3, 2013

To: Local 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 Maintaining Agencies (LMAs) to provide an annual report to the Department of Water Resources (DWR) on the following five categories of information:

1. Information known to the LMA 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 LMA 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 LMA.
5. Any other readily available information contained in the records of the LMA 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 the LMA to submit the information to DWR is **September 30, 2013**.

In turn, DWR is required to consolidate this information and provide a summary report to the CVFPB by **December 31, 2013**.

DWR has developed both electronic and hard copy reporting options to assist the LMA in meeting the annual reporting requirements. The electronic reporting 'Web Application' can be found by clicking on the *Local Maintaining Agency Annual Report (Web Application)* link at the LMA Program site located at:

<http://cdec.water.ca.gov/lma.html>

September 3, 2013
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, Reporting Template forms, Web Application User Guide, etc) and instructions on how to request an online account.

For hard copy reporting, or for submitting documents or attachments, we have enclosed the reporting instructions and template forms. After completing these forms, please send them to the return address provided below:

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 LMAs to submit reports by September 30, 2013. Any information submitted after this date may not be included in the 2013 Annual Report.

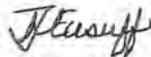
In an effort to help the LMA with reporting, DWR is constantly improving the web application and updating the website with most current information. Updated User Guide for the web application is now available on the website and the web application is now compatible with Java 7. In addition, a non-project levee information package was mailed to you on August 5, 2013 seeking information on non-project levees within your jurisdiction. All information included in the package is available on the website as well.

DWR is also offering one-on-one training on the web application where staff from DWR will come to your office and help you with Five-Part Reporting as well as non-project levee information submission. Please RSVP as soon as possible to schedule your one-on-one meeting.

Additionally, to qualify for the DWR Flood Emergency Response Grants, LMAs 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 (Patricia.Clark@water.ca.gov).

If you would like to RSVP for the one-on-one training, or have any other question or comment regarding the Local Maintaining Agency Annual Reporting Program (CWC § 9140), please contact me at (916) 574-2362 (Tasmin.Eusuff@water.ca.gov), Tariq Chechi at (916) 574-2354 (Tariq.Chechi@water.ca.gov) or Mahesh Gautam at (916) 574-2759 (Mahesh.Gautam@water.ca.gov).

Sincerely,



Tasmin Eusuff, Chief
Local Maintaining Agency Assessment Section

September 3, 2013
Local Levee Maintaining Agencies
Page 3

Enclosures:
Local Agency Paper Copy Reporting Guidance
2013 Reporting Forms

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, 2012 – June 30, 2013)
Part 4 Reporting	Statement of Levee Work and Estimated Cost for Operation & Maintenance for Current Fiscal Year (July 1, 2013 – June 30, 2014)
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>	Condition/Performance Feature or Category
<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

Type of Information Requested	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, 2012 – June 30, 2013)	
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, 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 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, 2013 – June 30, 2014)

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, 2013 – June 30, 2014). 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>	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	

2013 Reporting Forms

Agency Name:				Date:
PART 1				
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)

2013 Reporting Forms

PART 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)				
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)

2013 Reporting Forms

PART 3				
Part 3: A summary of maintenance performed by the Local Agency during the previous fiscal year (July 1, 2012 – June 30, 2013)				
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

2013 Reporting Forms

PART 4

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, 2013 – June 30, 2014)

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

2013 Reporting Forms

PART 5				
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)

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 black ink, 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



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

Appendix **E**

Supplemental Figures and Tables for the Inspection Program

This Appendix contains additional figures and tables for the results of the fall 2013 Levee Inspections.

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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.

2013 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 2013 crown surface and animal control deficiencies were again significant contributors 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: Area Maintenance Rating Comparison for 2007 to 2013 by Basin

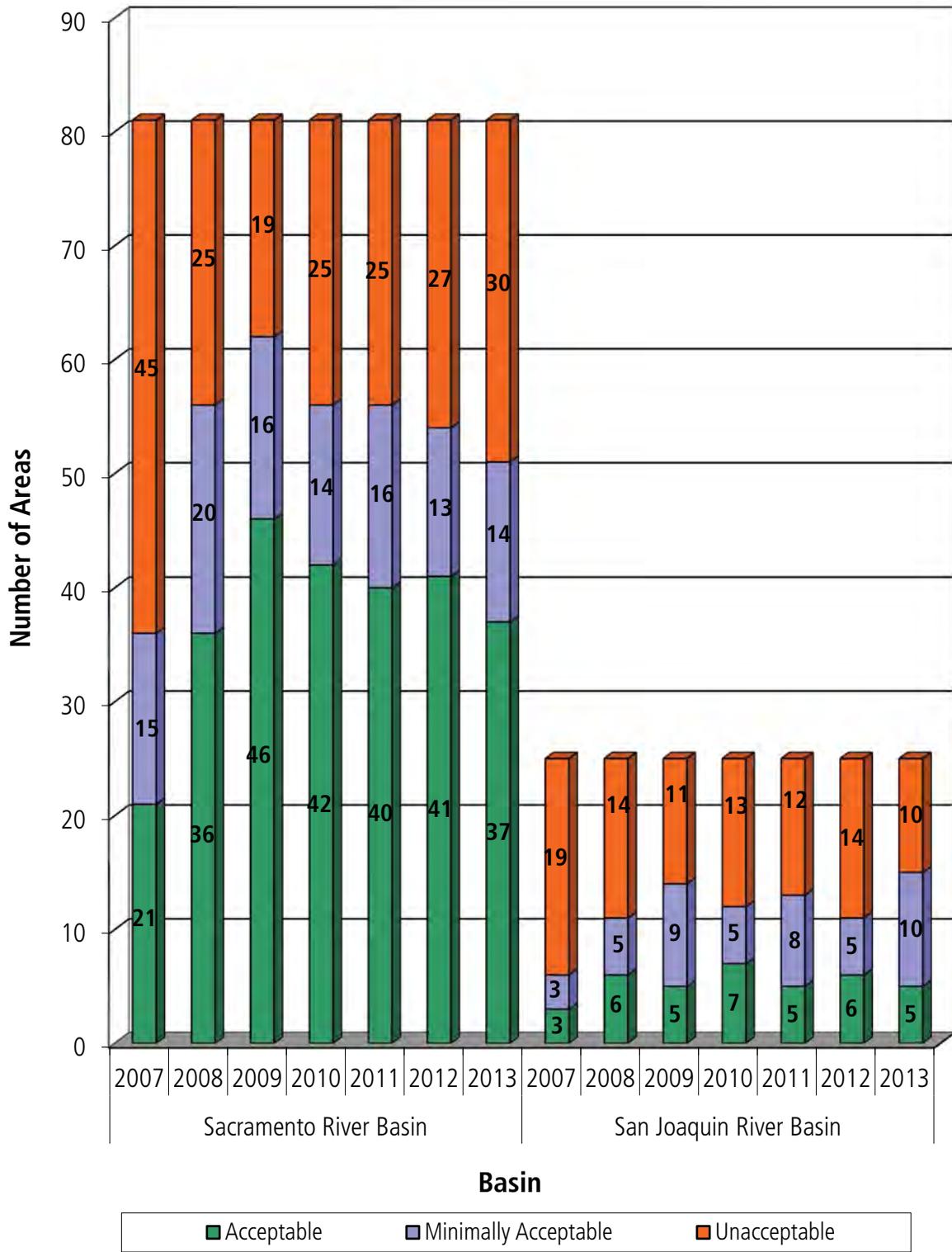


Figure E-2: Area Maintenance Rating Changes for 2007 to 2013 by Basin

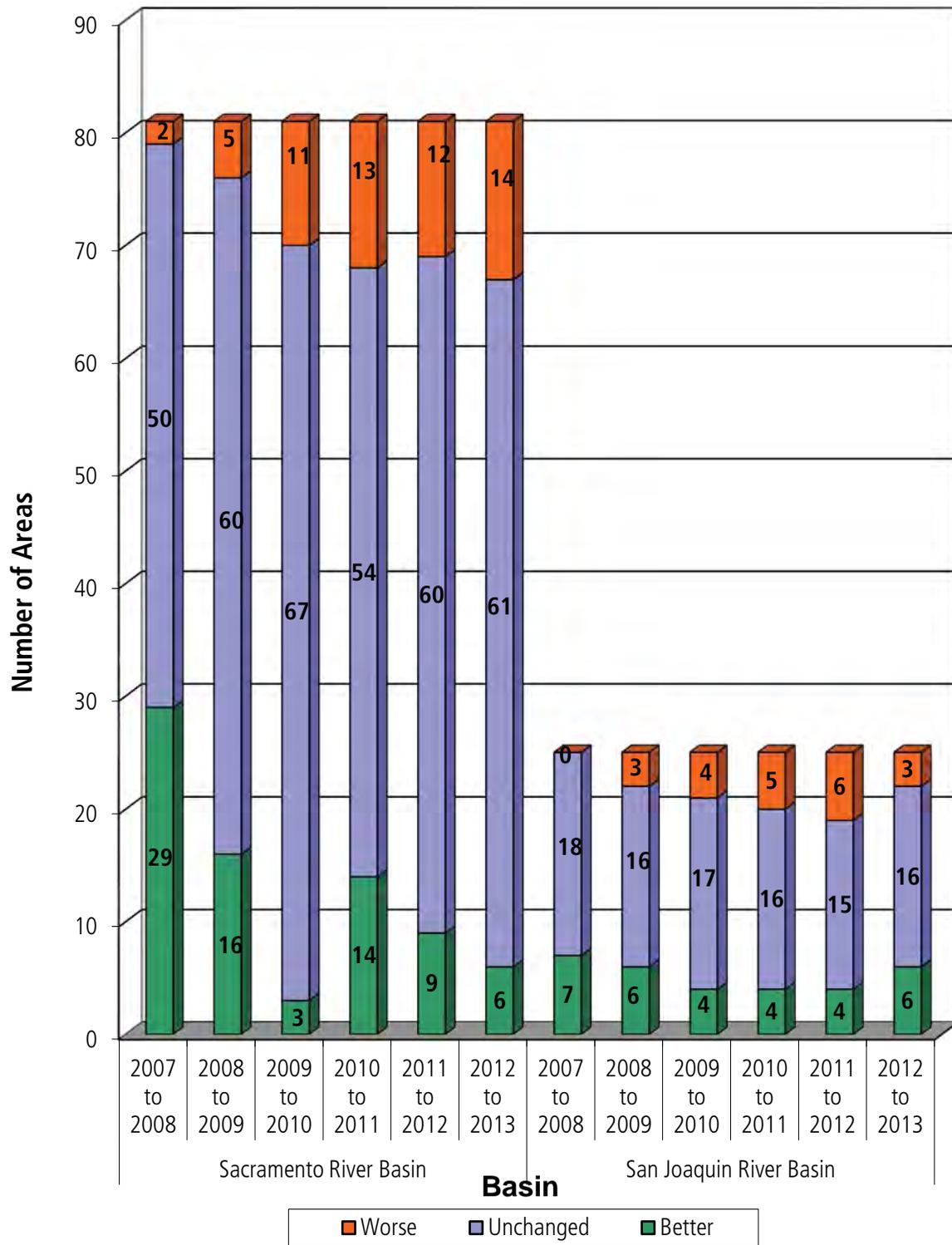


Figure E-3: Percentage of Total System Levee Miles with Maintenance Deficiencies

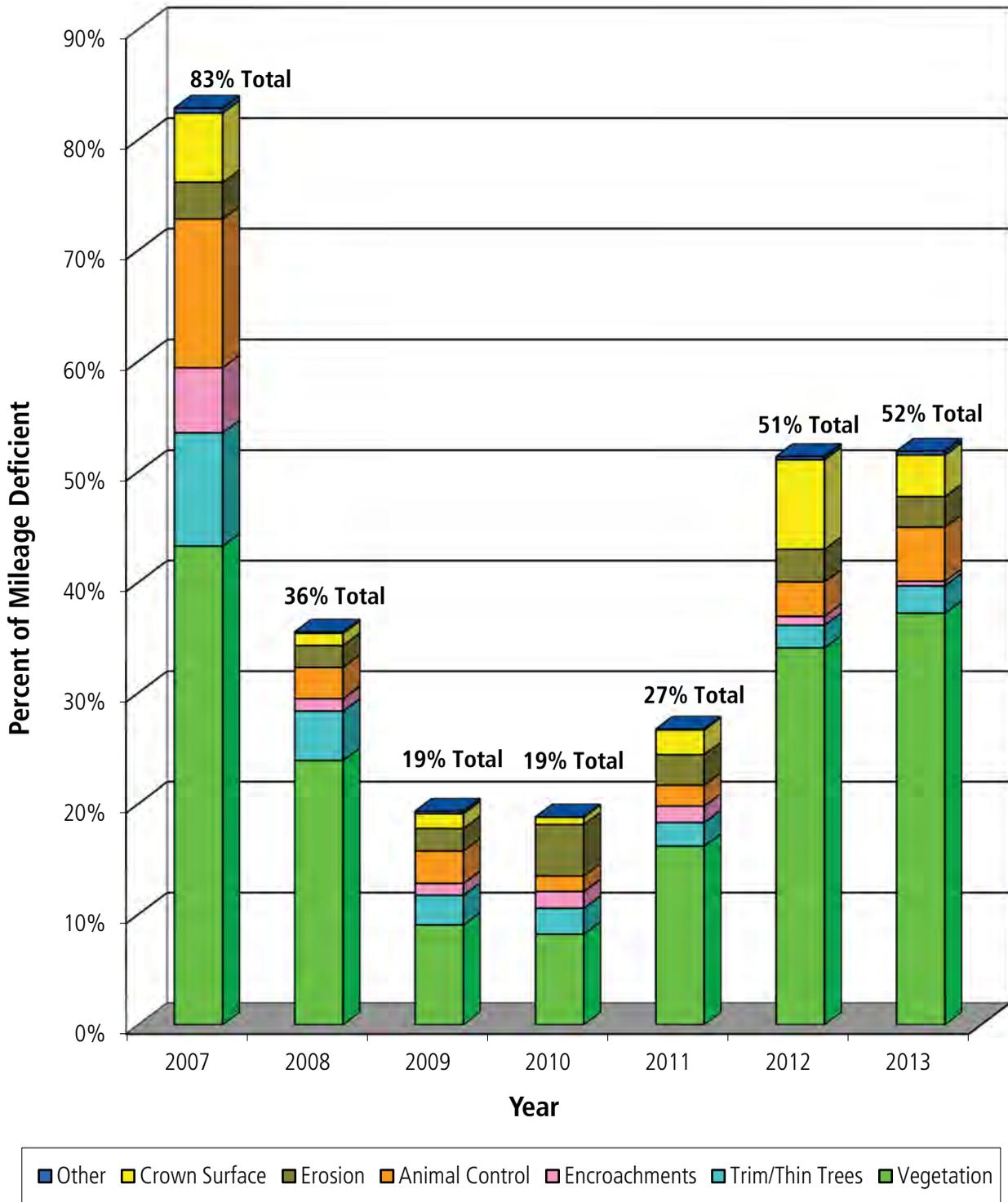
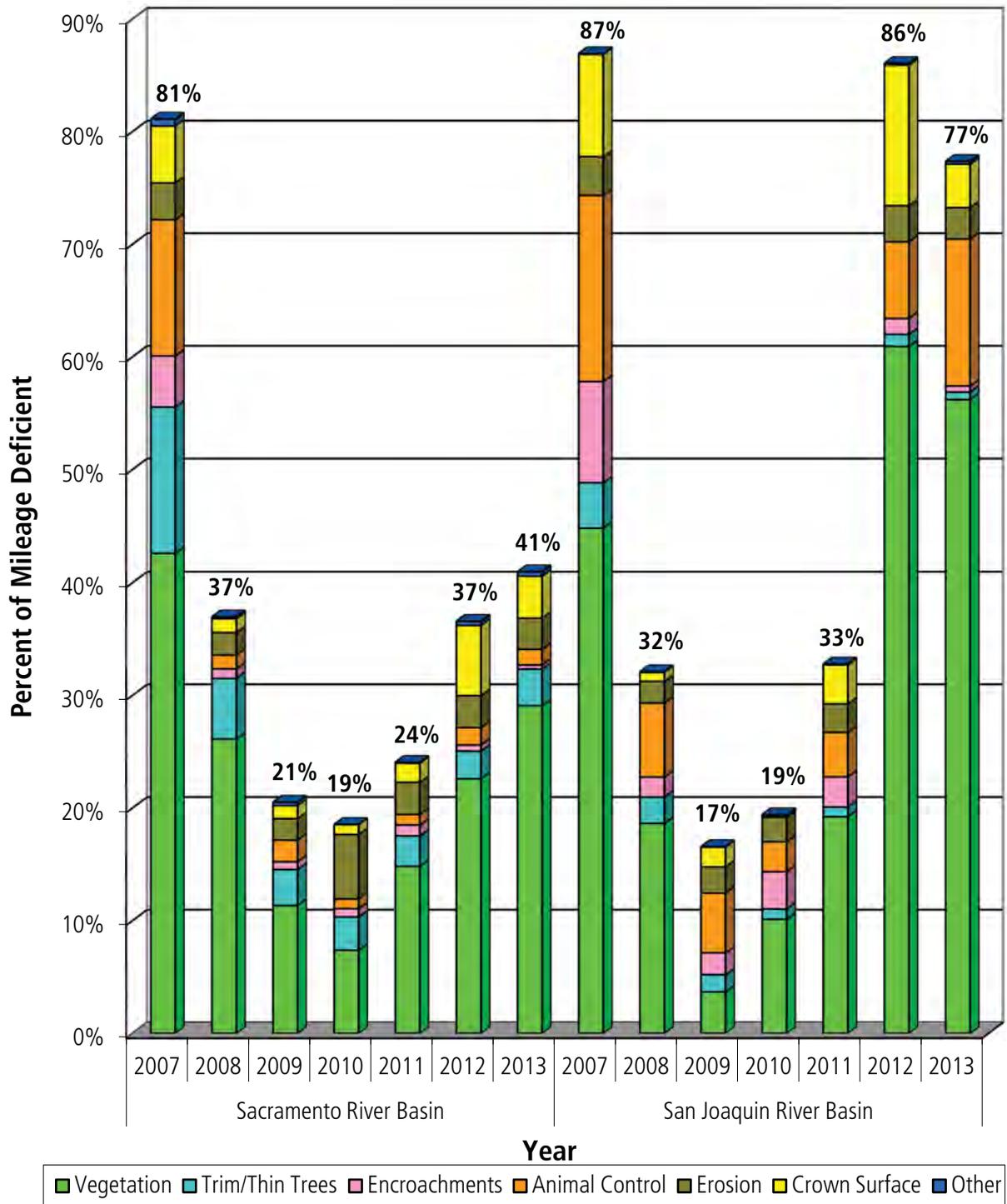


Figure E-4: Percentage of Levee Miles with Maintenance Deficiencies by Basin



**Table E-1: Total of Maintenance Issue Lengths
for 2012 and 2013**

Total Project Length: 1565.9 miles	Fall 2012					Fall 2013					2012 to 2013 Change				
	M	U	M+4U	Threshold Percent		M	U	M+4U	Threshold Percent		M	U	M+4U	Threshold Percent	
Rated Item	377.95	39.75	536.95	34.07%		273.7	78.16	586.34	37.20%		-104.25	38.41	49.39	3.15%	
Vegetation	15.82	4.1	32.22	2.04%		20.56	4.65	39.16	2.48%		4.74	0.55	6.94	0.44%	
Trim/Thin Trees	11.71	0.26	12.75	0.81%		5.8	0.17	6.48	0.41%		-5.91	-0.09	-6.27	-0.40%	
Encroachments	40.64	2.12	49.12	3.12%		43.14	8.49	77.1	4.89%		2.5	6.37	27.98	1.79%	
Animal Control	24.07	5.6	46.47	2.95%		25.44	4.52	43.52	2.76%		1.37	-1.08	-2.95	-0.19%	
Erosion	88.11	9.9	127.71	8.10%		59.33	0	59.33	3.76%		-28.78	-9.9	-68.38	-4.37%	
Crown Surface	4.45	0.06	4.69	0.30%		5.18	0.08	5.5	0.35%		0.7	0.01	0.74	0.05%	
Other	562.75	61.79	809.91	51.38%		433.15	96.07	817.43	51.86%		-129.63	34.27	7.45	0.48%	
Total															

Table E-2: Sacramento River Basin Maintenance Issue Lengths for 2012 and 2013

Sacramento River Basin: 1094.08 miles	Fall 2012					Fall 2013					2012 to 2013 Change				
	M	U	M+4U	Threshold Percent		M	U	M+4U	Threshold Percent		M	U	M+4U	Threshold Percent	
Rated Item	150.4	24.77	249.48	22.80%		199.32	30.45	321.12	29.35%		48.92	5.68	71.64	6.55%	
Vegetation	13.16	3.5	27.16	2.48%		18.17	4.45	35.97	3.29%		5.01	0.95	8.81	0.81%	
Trim/Thin Trees	5.57	0.12	6.05	0.55%		3.54	0.12	4.02	0.37%		-2.03	0	-2.03	-0.19%	
Encroachments	16.82	0.05	17.02	1.56%		14.31	0.29	15.47	1.41%		-2.51	0.24	-1.55	-0.14%	
Animal Control	20.71	2.66	31.35	2.87%		20.02	2.6	30.42	2.78%		-0.69	-0.06	-0.93	-0.09%	
Erosion	30.13	9.67	68.81	6.29%		41.11	0	41.11	3.76%		10.98	-9.67	-27.7	-2.53%	
Crown Surface	3.86	0.04	4.02	0.37%		4.05	0.07	4.33	0.40%		0.49	0.02	0.57	0.05%	
Other	240.65	40.81	403.89	36.92%		300.52	37.98	452.44	41.35%		60.17	-2.84	48.81	4.46%	
Total															

Table E-3: San Joaquin River Basin Maintenance Issue Lengths for 2012 and 2013

San Joaquin River Basin: 471.82 miles	Fall 2012					Fall 2013					2012 to 2013 Change				
	M	U	M+4U	Threshold Percent		M	U	M+4U	Threshold Percent		M	U	M+4U	Threshold Percent	
Rated Item	227.55	14.98	287.47	60.93%		74.38	47.71	265.22	56.21%		-153.17	32.73	-22.25	-4.72%	
Vegetation	2.66	0.6	5.06	1.07%		2.39	0.2	3.19	0.68%		-0.27	-0.4	-1.87	-0.40%	
Trim/Thin Trees	6.14	0.14	6.7	1.42%		2.26	0.05	2.46	0.52%		-3.88	-0.09	-4.24	-0.90%	
Encroachments	23.82	2.07	32.1	6.80%		28.83	8.2	61.63	13.06%		5.01	6.13	29.53	6.26%	
Animal Control	3.36	2.94	15.12	3.20%		5.42	1.92	13.1	2.78%		2.06	-1.02	-2.02	-0.43%	
Erosion	57.98	0.23	58.9	12.48%		18.22	0	18.22	3.86%		-39.76	-0.23	-40.68	-8.62%	
Crown Surface	0.59	0.02	0.67	0.14%		1.13	0.01	1.17	0.25%		0.21	-0.01	0.17	0.04%	
Other	322.1	20.98	406.02	86.05%		132.63	58.09	364.99	77.36%		-189.8	37.11	-41.36	-8.77%	
Total															

Figure E-5: Map of 2013 Local Maintaining Agency Ratings; Northern Area

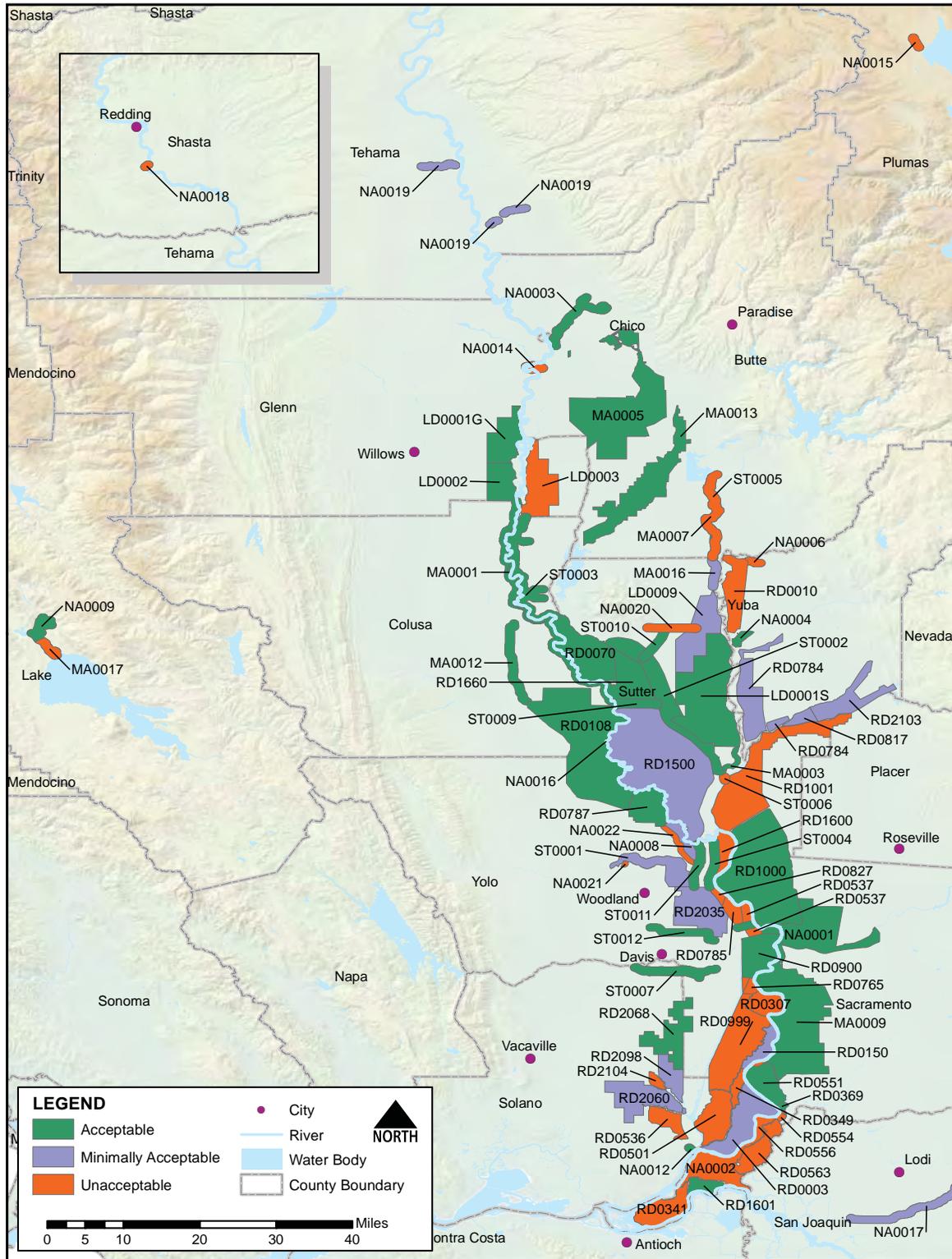
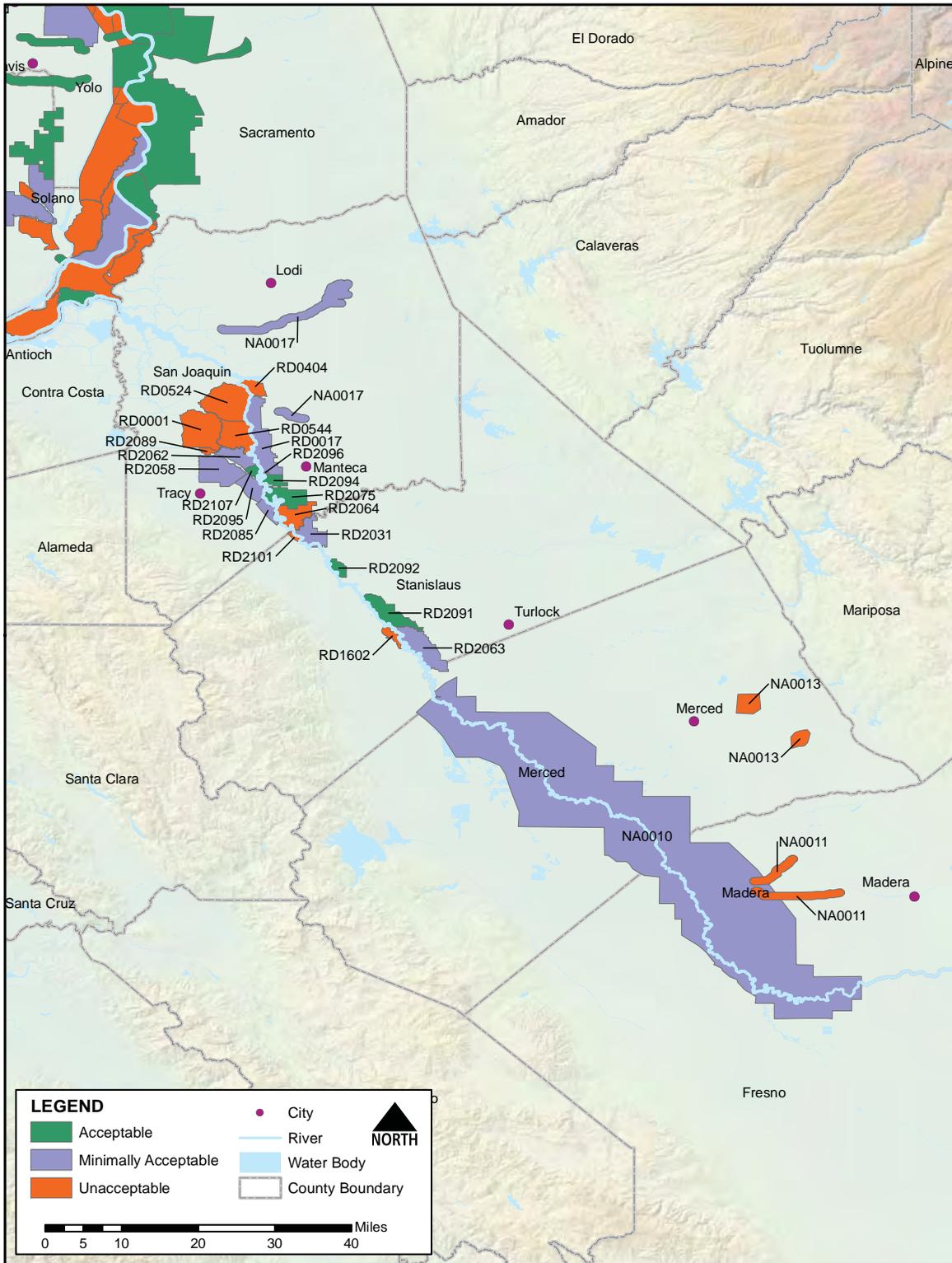


Figure E-6: Map of 2013 Local Maintaining Agency Ratings; Southern Area



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