

# Appendix **A**

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

Sacramento River Basin include 85 local maintaining Areas that maintain Project Levees, Structures, and Channels. Out of 85 Areas, there are 37 RDs, 19 NAs, 14 STs, 10 MA and 5 LDs. Appendix A includes an index to the Sacramento River Basin Areas, a system map to show the locations of each reporting Area, and individual Area summary profiles.

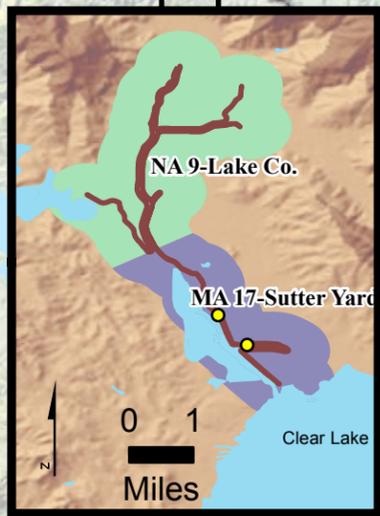
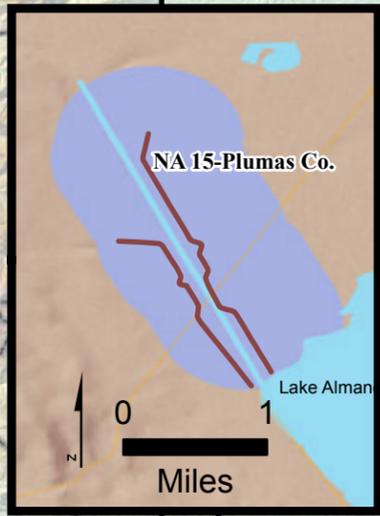
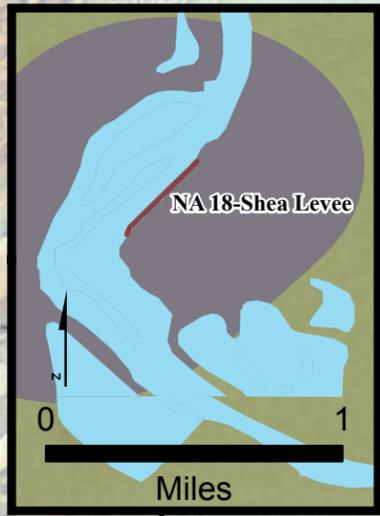
Appendix A includes:

- Sacramento River Basin Area Index
- Sacramento System Map
- Individual local Area Summary Profiles, Sacramento River Basin

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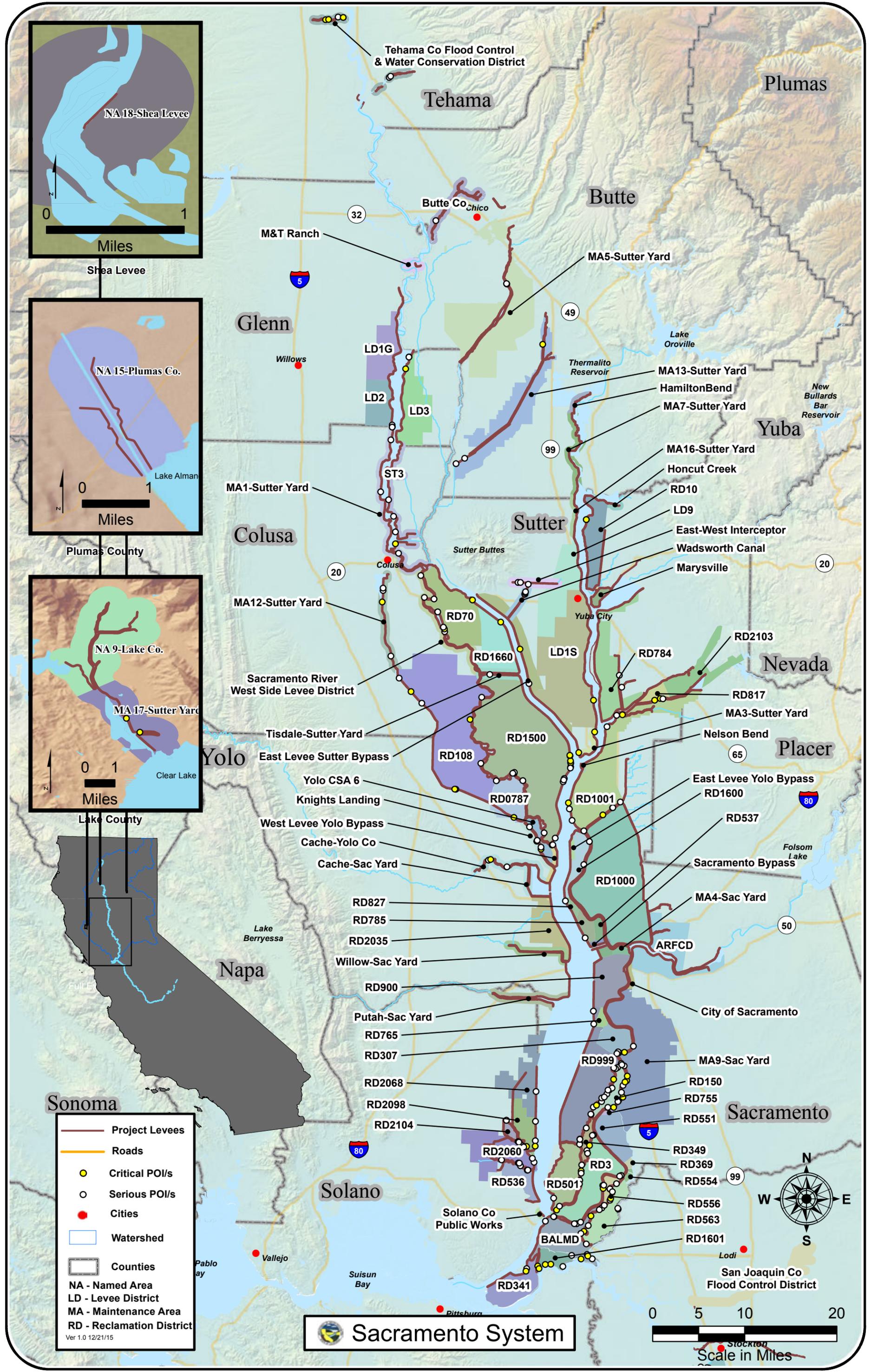
Local Agencies & Areas	County	Tab Name	Short Name	Page
<b>Levee Districts</b>				
Levee District No. 0001 (Glenn County)	Glenn	LD 1G	LD0001G	A - 5
Levee District No. 0001 (Sutter County)	Sutter	LD 1S	LD0001S	A - 9
Levee District No. 0002 (Glenn County)	Glenn	LD 2	LD0002	A - 13
Levee District No. 0003 (Glenn County)	Glenn	LD 3	LD0003	A - 17
Levee District No. 0009 (Sutter County)	Sutter	LD 9	LD0009	A - 21
<b>Reclamation Districts</b>				
Reclamation District No. 0003 Grand Island	Sacramento	RD 3	RD0003	A - 25
Reclamation District No. 0010 Honcut	Yuba	RD 10	RD0010	A - 29
Reclamation District No. 0070 Meridian	Sutter	RD 70	RD0070	A - 33
Reclamation District No. 0108 River Farms	Colusa	RD 108	RD0108	A - 37
Reclamation District No. 0150 Merrit Island	Yolo	RD 150	RD0150	A - 41
Reclamation District No. 0307 Lisbon	Yolo	RD 307	RD0307	A - 45
Reclamation District No. 0341 Sherman Island	Sacramento	RD 341	RD0341	A - 49
Reclamation District No. 0349 Sutter Island	Sacramento	RD 349	RD0349	A - 53
Reclamation District No. 0369 Libby McNeil	Sacramento	RD 369	RD0369	A - 57
Reclamation District No. 0501 Ryer Island	Solano	RD 501	RD0501	A - 61
Reclamation District No. 0536 Egbert	Solano	RD 536	RD0536	A - 65
Reclamation District No. 0537 Lovdal	Yolo	RD 537	RD0537	A - 69
Reclamation District No. 0551 Pearson	Sacramento	RD 551	RD0551	A - 73
Reclamation District No. 0554 Walnut Grove	Sacramento	RD 554	RD0554	A - 77
Reclamation District No. 0556 Upper Andrus	Sacramento	RD 556	RD0556	A - 81
Reclamation District No. 0563 Tyler Island	Sacramento	RD 563	RD0563	A - 85
Reclamation District No. 0755 Randall	Sacramento	RD 755	RD0755	A - 89
Reclamation District No. 0765 Glide	Yolo	RD 765	RD0765	A - 93
Reclamation District No. 0784 Plumas Lake	Yuba	RD 784	RD0784	A - 97
Reclamation District No. 0785 Driver	Yolo	RD 785	RD0785	A - 101
Reclamation District No. 0787 Fair	Yolo	RD 787	RD0787	A - 105
Reclamation District No. 0817 Carlin	Yuba	RD 817	RD0817	A - 109
Reclamation District No. 0827 Elkhorn	Yolo	RD 827	RD0827	A - 113
Reclamation District No. 0900 West Sacramento	Yolo	RD 900	RD0900	A - 117
Reclamation District No. 0999 Netherlands	Yolo	RD 999	RD0999	A - 121
Reclamation District No. 1000 Natomas	Sacramento	RD 1000	RD1000	A - 127
Reclamation District No. 1001 Nicolaus	Sutter	RD 1001	RD1001	A - 131
Reclamation District No. 1500 Sutter Basin	Sutter	RD 1500	RD1500	A - 137
Reclamation District No. 1600 Mull	Yolo	RD 1600	RD1600	A - 141
Reclamation District No. 1601 Twitchell	Sacramento	RD 1601	RD1601	A - 145
Reclamation District No. 1660 Tisdale	Sutter	RD 1660	RD1660	A - 149
Reclamation District No. 2035 Conaway	Yolo	RD 2035	RD2035	A - 153
Reclamation District No. 2060 Hastings	Solano	RD 2060	RD2060	A - 157
Reclamation District No. 2068 Yolano	Solano	RD 2068	RD2068	A - 161
Reclamation District No. 2098 Cache and Haas Slough	Solano	RD 2098	RD2098	A - 165
Reclamation District No. 2103 Wheatland Vicinity	Placer	RD 2103	RD2103	A - 169
Reclamation District No. 2104 Peters Pocket Tract	Solano	RD 2104	RD2104	A - 173

Local Agencies & Areas	County	Tab Name	Short Name	Page
<b>Named Areas</b>				
Adin Community Service District (Channels)	Modoc	Adin	NA0030	A - 177
American River Flood Control District	Sacramento	ARFCD	NA0001	A - 181
Brannan Andrus Levee Maintenance District	Solano	BALMD	NA0002	A - 185
Butte County Public Works	Butte	Butte County	NA0003	A - 189
California Department of Fish and Game Shea Levee	Shasta	Shea Levee	NA0018	A - 193
City of Sacramento	Sacramento	City of Sacramento	NA0005	A - 197
Eastern Honcut Creek	Yuba	Honcut Creek	NA0006	A - 201
Knights Landing Ridge Drainage District	Yolo	Knights Landing	NA0008	A - 205
Lake County Watershed Protection District	Lake	Lake County	NA0009	A - 209
Marysville Levee Commission	Yuba	Marysville Levee	NA0004	A - 213
Plumas County	Plumas	Plumas County	NA0015	A - 217
Sacramento County (Structures)	Sacramento	Sacramento County	NA0050	A - 221
Sacramento River West Side Levee District	Sacramento	WSLD	NA0016	A - 225
Solano County Public Works Mellin Levee	Solano	Solano County	NA0012	A - 229
Tehama County Flood Control and Water Conservation District	Tehama	Tehama County	NA0019	A - 233
Yolo County Planning Resources and Public Works	Yolo	Cache - Yolo County	NA0021	A - 239
Yolo County Service Area 6	Yolo	Yolo County SA 6	NA0022	A - 243
<b>Sacramento Maintenance Yard</b>				
DWR Sacramento Maintenance Yard (Structures)		Sacramento Yard	NA0055	A - 247
Cache Creek	Yolo	Cache Creek	ST0001	A - 251
East Levee Yolo Bypass	Yolo	East Levee Yolo	ST0004	A - 255
Maintenance Area 0004	Yolo	MA 4	MA0004	A - 259
Maintenance Area 0009	Sacramento	MA 9	MA0009	A - 263
Putah Creek	Yolo	Putah Creek	ST0007	A - 267
Sacramento Bypass	Yolo	Sacramento Bypass	ST0008	A - 271
West Levee Yolo Bypass	Yolo	West Levee Yolo Bypass	ST0011	A - 275
Willow Slough Bypass	Yolo	Willow Slough	ST0012	A - 279
<b>Sutter Maintenance Yard</b>				
DWR Sutter Maintenance Yard (Structures & Channels)		Sutter Yard	NA0060	A - 283
East Levee Sacramento River	Colusa	East Levee Sacramento	ST0003	A - 287
East Levee Sutter Bypass	Sutter	East Levee Sutter	ST0002	A - 291
East-West Interceptor	Sutter	East - West Interceptor	ST0020	A - 295
Hamilton Bend	Butte	Hamilton Bend	ST0005	A - 299
Maintenance Area 0001	Colusa	MA 1	MA0001	A - 303
Maintenance Area 0003	Sutter	MA 3	MA0003	A - 307
Maintenance Area 0005	Butte	MA 5	MA0005	A - 311
Maintenance Area 0007	Butte	MA 7	MA0007	A - 315
Maintenance Area 0012	Colusa	MA 12	MA0012	A - 319
Maintenance Area 0013	Butte	MA 13	MA0013	A - 323
Maintenance Area 0016	Sutter	MA 16	MA0016	A - 327
Maintenance Area 0017	Lake	MA 17	MA0017	A - 331
Murphy Slough at M&T Ranch	Butte	M&T Ranch	ST0014	A - 335
Nelson Bend	Sutter	Nelson Bend	ST0006	A - 339
Tisdale Bypass	Sutter	Tisdale Bypass	ST0009	A - 343
Wadsworth Canal	Sutter	Wadsworth Canal	ST0010	A - 347



	Project Levees
	Roads
	Critical POI/s
	Serious POI/s
	Cities
	Watershed
	Counties
NA - Named Area	
LD - Levee District	
MA - Maintenance Area	
RD - Reclamation District	
Ver 1.0 12/21/15	

**Sacramento System**



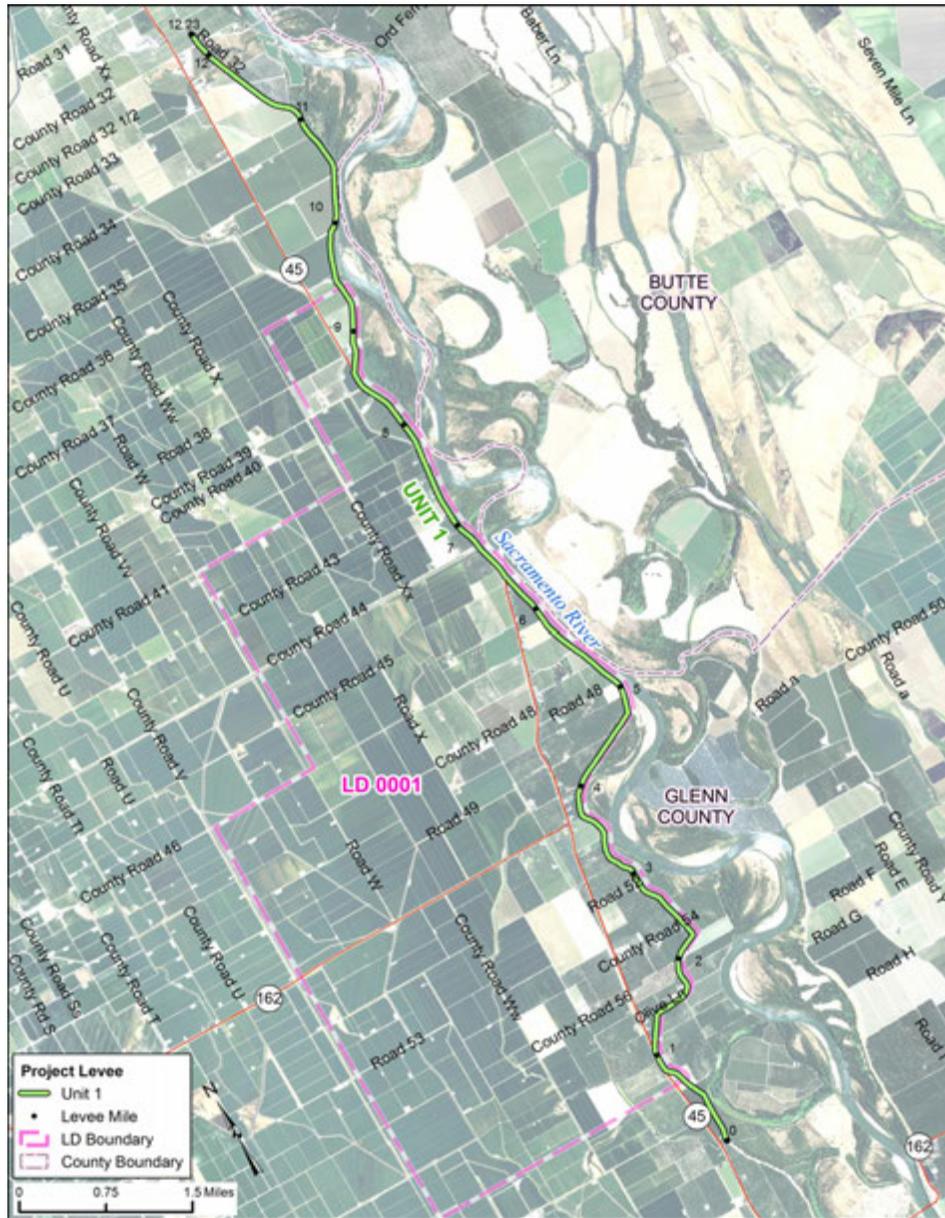


# Levee District No. 0001 (Glenn County)

## Glenn County

### **Contact**

Bill Carriere  
Board Chairman  
1640 Highway 45  
Glenn CA 95943  
Phone: (530) 934-8200



LMA Short Name : LD0001G		Bank	Unit Length (Miles)
Unit No. 01	Sacramento River	RB	12.23

**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 2014		Fall 2015				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	0.06		0.06	0.49	0.07		0.07	0.57	0.01		0.01	0.08
Trim / Thin Trees	0.11		0.11	0.90	0.13		0.13	1.06	0.02		0.02	0.16
Encroachments	0.05		0.05	0.41	0.05		0.05	0.41				0.00
Animal Control	0.18		0.18	1.47	0.19	0.09	0.55	4.50	0.01	0.09	0.37	3.02
Slope Stability	0.01		0.01	0.08	0.02		0.02	0.16	0.01		0.01	0.08
<i>Supplemental</i>												
DWR UCIP Field Study												0.00
<b>LMA Totals:</b>	0.41	0.00	0.41	3.35	0.46	0.09	0.82	6.70 *	0.05	0.09	0.41	3.35

\* 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 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

No Supplemental Erosion Sites.

**USACE Inspection Ratings Summary**

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Sacramento River west bank	119.72	Active	03/09/2015	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 did not report anything on 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 did not report anything on Part 2.

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

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

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

The Agency provided a summary of expenses and planned maintenance activities. Expenses include costs of insurance, mobile equipment, office overhead, professional services, rodent control, salaries, services and supplies, vegetation control. The reported total estimated cost for the current fiscal year is \$6,600.

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

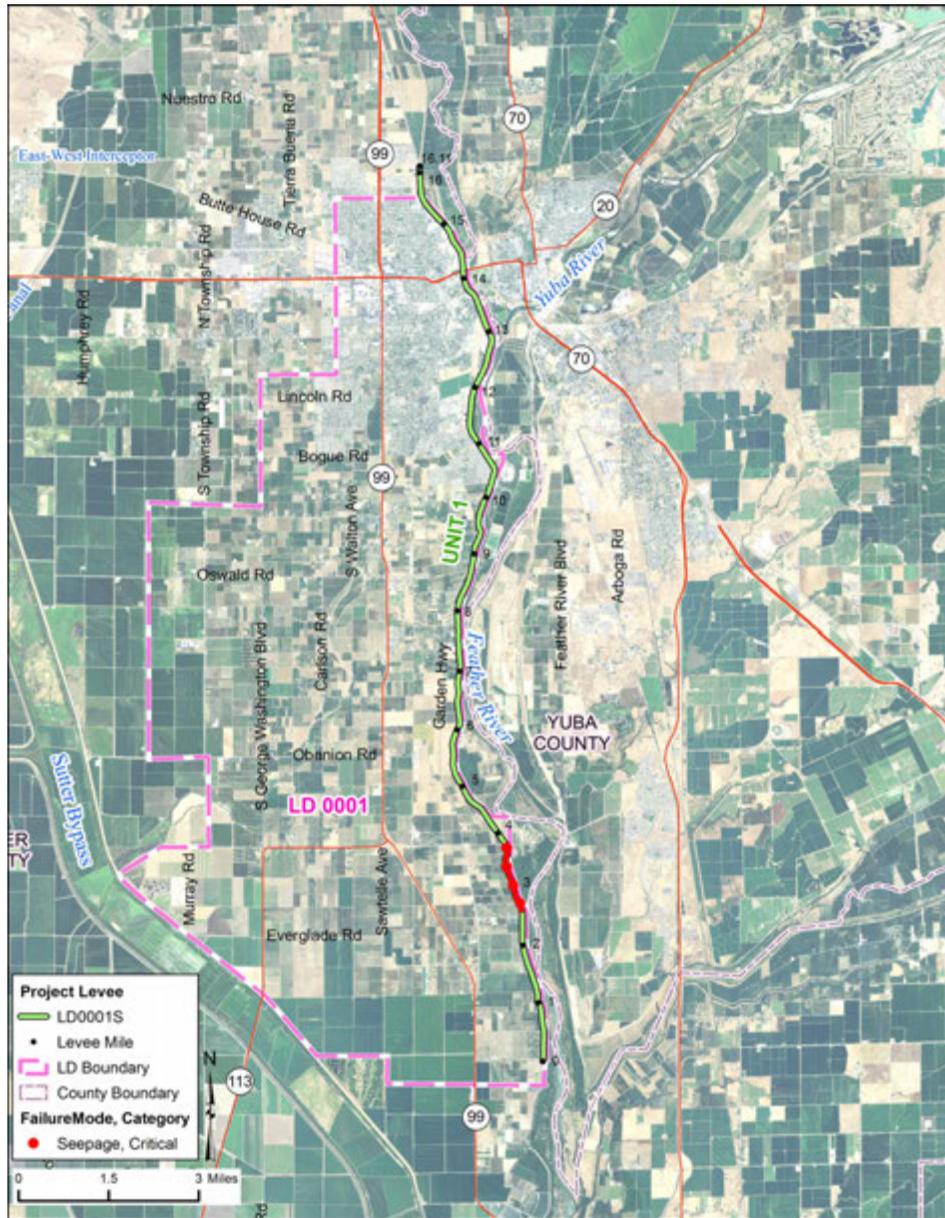
No information provided by the Agency for Part 5.

# Levee District No. 0001 (Sutter County)

## Sutter County

### **Contact**

Andrew Stresser  
General Manager  
243 Second St  
Yuba City CA 95991  
Phone: (530) 673-2454



LMA Short Name : LD0001S	Bank	Unit Length (Miles)
Unit No. 01 Feather River	RB	16.11

**Threat Assessment & Recommendations**

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

**DWR Levee Inspection Summary**

Rated Item	Total LMA Miles		Fall 2014		Fall 2015				Change			
	16.11		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	0.31		0.31	1.92		0.02	0.08	0.50	-0.31	0.02	-0.23	-1.43
Trim / Thin Trees					0.01		0.01	0.06	0.01		0.01	0.06
Encroachments					0.04		0.04	0.25	0.04		0.04	0.25
Slope Stability					0.02		0.02	0.12	0.02		0.02	0.12
<i>Interior Drainage &amp; 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>	0.32	0.00	0.32	1.99	0.08	0.02	0.16	0.99 *	-0.24	0.02	-0.16	-0.99

\* 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 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

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	Active	02/24/2014	U

**DWR Flood System Repair Project Summary**

**Unit No. 01 Feather River**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
FSRP-13-64	Critical	Seepage	2.60	3.76	Right	38.987740	-121.592090

**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 actions taken on inspection items listed by DWR in the inspection report. The actions taken include corrected and pending enforcement by CVFPB for encroachments, 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**

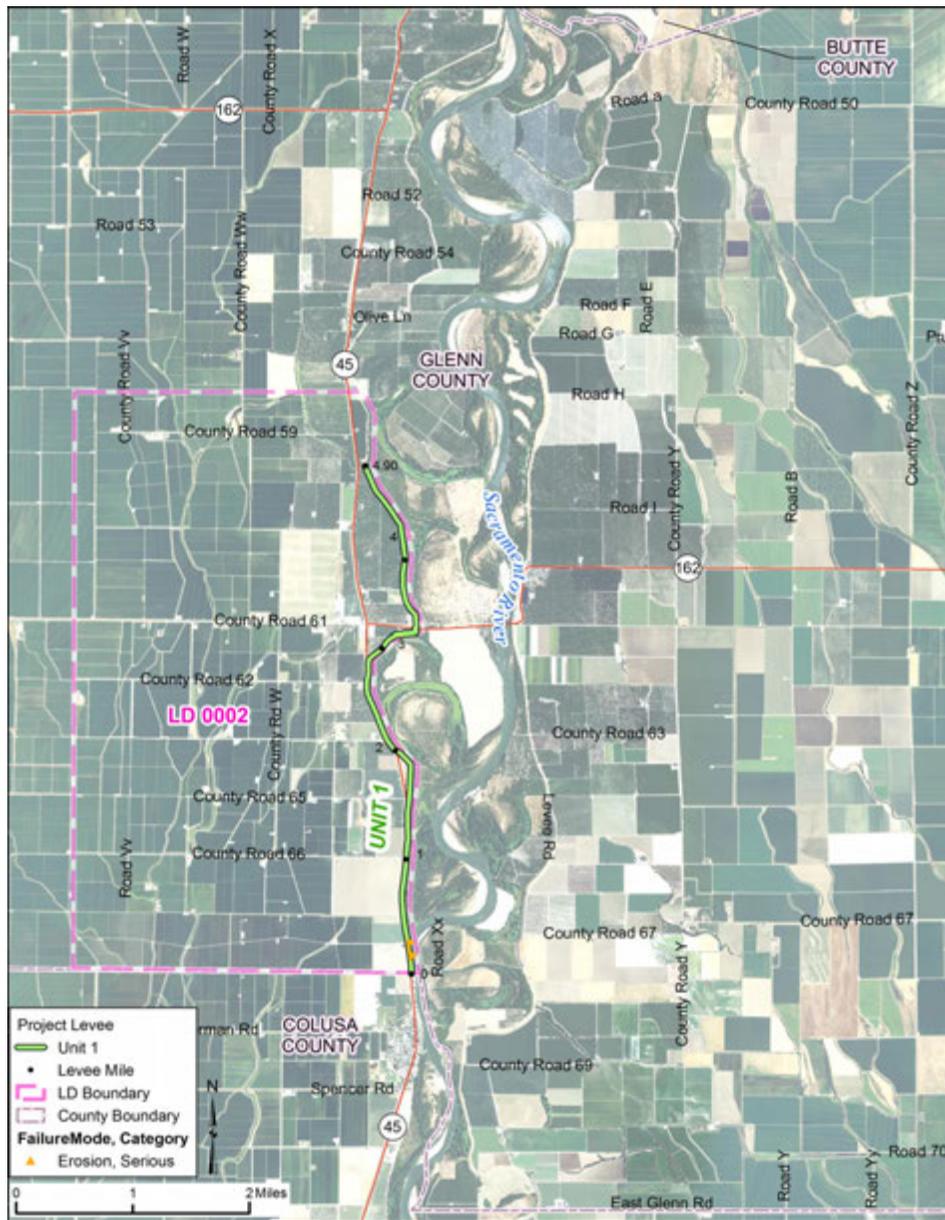
No information provided by the Agency for Part 5.

# Levee District No. 0002 (Glenn County)

## Glenn County

### **Contact**

Dennis Clark  
President  
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	4.90

**Threat Assessment & Recommendations**

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

**DWR Levee Inspection Summary**

<b>LD0002</b>	Total LMA Miles		<b>4.90</b>									
	<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>			
	Overall LMA Rating				Overall LMA Rating							
	<b>A</b>				<b>M</b>							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Trim / Thin Trees					0.01		0.01	<b>0.20</b>	0.01		0.01	<b>0.20</b>
Encroachments					0.02		0.02	<b>0.41</b>	0.02		0.02	<b>0.41</b>
Animal Control	0.27		0.27	<b>5.51</b>	0.31	0.09	0.67	<b>13.67</b>	0.04	0.09	0.40	<b>8.16</b>
Erosion / Bank Caving					0.01		0.01	<b>0.20</b>	0.01		0.01	<b>0.20</b>
<i>Supplemental</i>												
USACE Erosion Survey	0.01		0.01	<b>0.20</b>	0.21		0.21	<b>4.29</b>	0.20		0.20	<b>4.08</b>
DWR UCIP Field Study												<b>0.00</b>
<i>LMA Totals:</i>	0.28	0.00	0.28	<b>5.71</b>	0.56	0.09	0.92	<b>18.77</b>	0.28	0.09	0.64	<b>13.06</b>

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary >>> DRAFT DATA <<<**

**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	0.07	0.28	eroding	M

**USACE Inspection Ratings Summary**

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Sacramento River west bank	119.72	Active	03/09/2015	U

**DWR Flood System Repair Project Summary**

**Unit No. 01 Glenn County Sacramento River**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
DWR_LD0002_01_s_2012_6	Serious	Erosion	0.12	0.28	Right	39.415340	-122.010280

**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 on Levee Unit 1 between LM 0.10 and 0.30. The Agency also reported sediment accumulation and in-channel vegetation growth that is leading to high water levels during normal rain fall.

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

The Agency reported berm erosion on Levee Unit 1 between LM 0.10 and 0.30. The Agency also reported sediment and in-channel vegetation growth that is leading to high water levels during normal rain fall.

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

The Agency provided a summary of accomplished maintenance activities. 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 for all levee units. Expenses include costs of vegetation burning and spraying. The reported total estimated cost for the current fiscal year is \$3,250.

**Part 5 Any other readily available information contained in the 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**

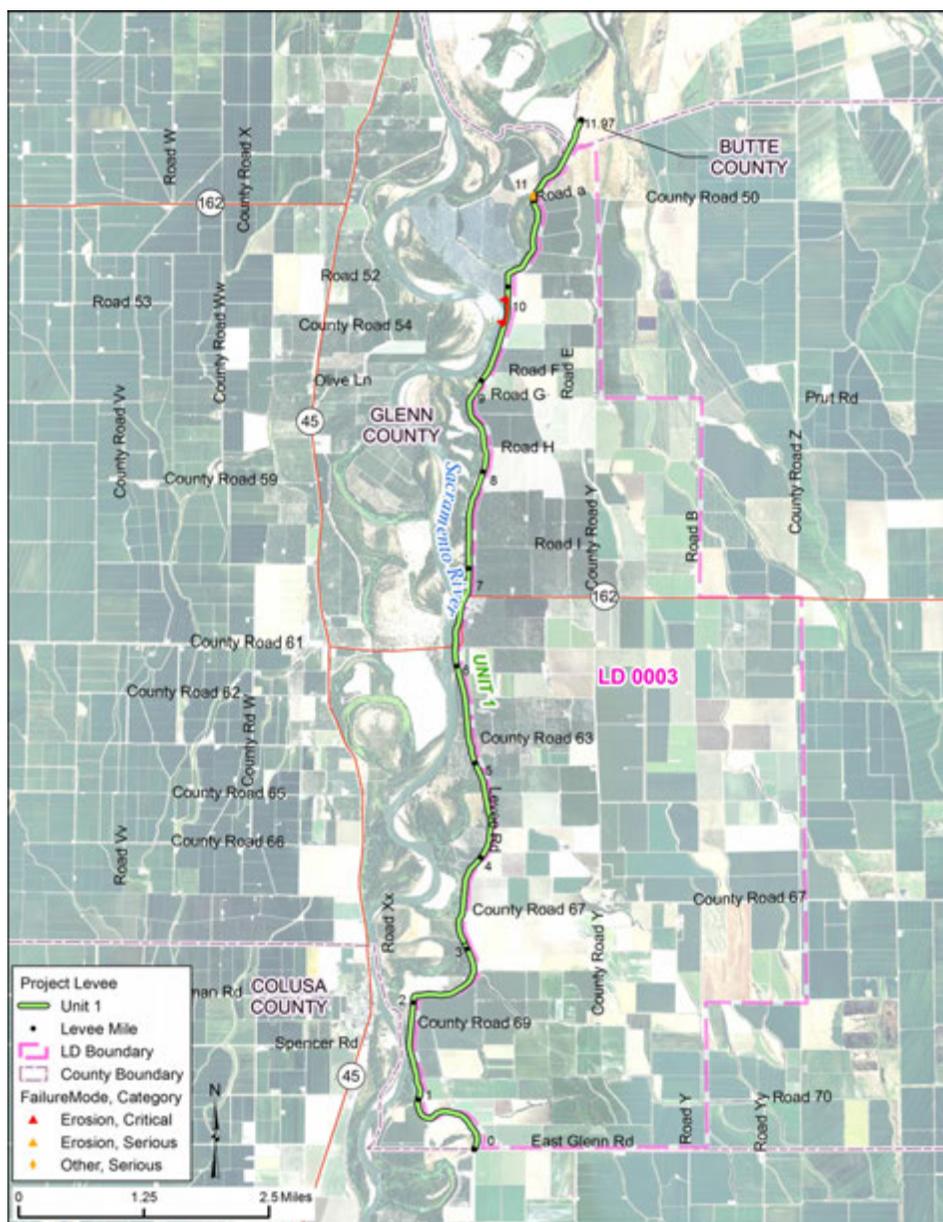
The Agency expressed its concern about the buildup of sediment and in-channel vegetation issues between LM 0.10 and 0.30.

# Levee District No. 0003 (Glenn County)

## Glenn County

### **Contact**

Eric Larrabee  
President  
P.O. 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	11.97

**Threat Assessment & Recommendations**

- There is significant rodent activity in this Area.
- 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.

**DWR Levee Inspection Summary**

<b>LD0003</b>	Total LMA Miles		<b>11.97</b>									
	<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>			
	Overall LMA Rating				Overall LMA Rating							
	<b>U</b>				<b>U</b>							
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	<b>0.08</b>	0.01	0.44	1.77	<b>14.79</b>		0.44	1.76	<b>14.70</b>
Trim / Thin Trees	0.19		0.19	<b>1.59</b>	0.34	0.04	0.50	<b>4.18</b>	0.15	0.04	0.31	<b>2.59</b>
Encroachments	0.14		0.14	<b>1.17</b>	0.15		0.15	<b>1.25</b>	0.01		0.01	<b>0.08</b>
Animal Control	0.84		0.84	<b>7.02</b>	0.10	2.15	8.70	<b>72.68</b>	-0.74	2.15	7.86	<b>65.66</b>
Slope Stability	0.07		0.07	<b>0.59</b>	0.09		0.09	<b>0.75</b>	0.02		0.02	<b>0.17</b>
Erosion / Bank Caving		0.01	0.04	<b>0.33</b>		0.01	0.04	<b>0.33</b>				<b>0.00</b>
<i>Supplemental</i>												
USACE Erosion Survey	1.16		1.16	<b>9.69</b>	0.30		0.30	<b>2.51</b>	-0.86		-0.86	<b>-7.18</b>
DWR UCIP Field Study												<b>0.00</b>
<i>LMA Totals:</i>	2.41	0.01	2.45	<b>20.47</b>	0.99	2.64	11.55	<b>96.48</b>	-1.42	2.63	9.10	<b>76.02</b>

LD 3

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

**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	1.62	removed	W
SAC_168-3_L	168.30	6.02	6.05	eroding	M
SAC_172-0_L	172.00	9.61	9.88	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	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
DWR_LD0003_01_s_2012_52	Critical	Erosion			Left	39.504388	-121.985301
68-13	Serious	Other	11.04		Right	39.522980	-121.979180
68-12	Serious	Erosion	11.05		Left	39.523082	-121.979032

**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 Geotechnical Assessment Report, North NULE Study Area, for the relevant information. The Geotechnical Assessment Report overall categorized LD 3 as Hazard Level B. Hazard Level B is defined as when water reaches the assessment WSE, there is a moderate likelihood of either levee failure or the need to flood fight to prevent levee failure.

**Part 2 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 Geotechnical Assessment Report, North NULE Study Area, for the relevant information. The Geotechnical Assessment Report overall categorized LD 3 as Hazard Level B. Hazard Level B is defined as when water reaches the assessment WSE, there is a moderate likelihood of either levee failure or the need to flood fight to prevent levee failure.

**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 roadway grading, slope dragging, rodent control, and vegetation burning.

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

The Agency provided a summary of expenses and maintenance activities for all levee units. Expenses include costs of roadway grading, slope dragging, rodent control, and vegetation control. The reported total estimated cost for the fiscal year is \$60,000.

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

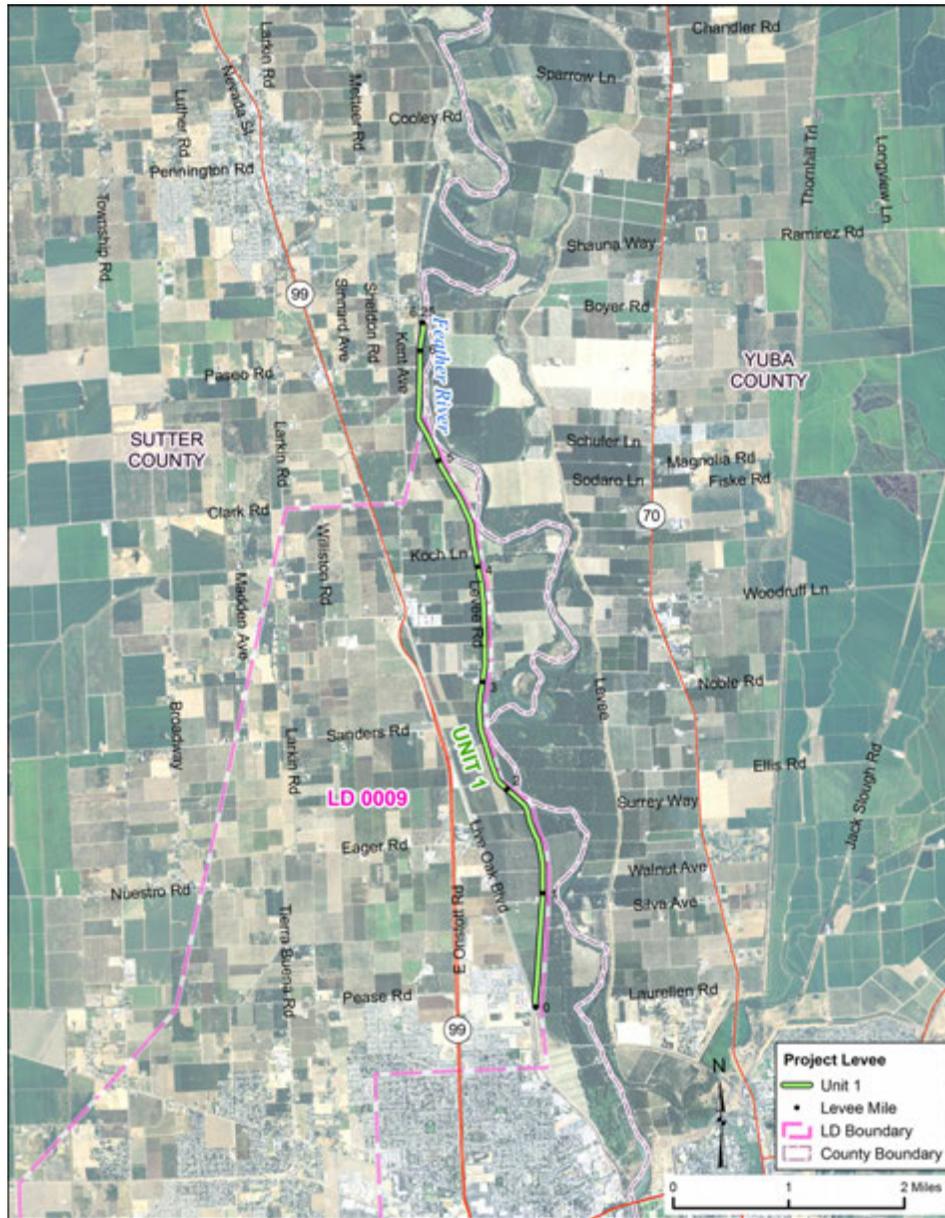
The Agency referred to the Geotechnical Assessment Report, North NULE Study Area, for the relevant information.

# Levee District No. 0009 (Sutter County)

## Sutter County

### **Contact**

David Lamon  
Chairman  
1471 Coats Dr  
Yuba City CA 95993  
Phone: (530) 749-3902



LMA Short Name : LD0009	Bank	Unit Length (Miles)
Unit No. 01 Sutter County, Feather River	RB	6.25

**Threat Assessment & Recommendations**

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

**DWR Levee Inspection Summary**

<b>LD0009</b>	Total LMA Miles		<b>6.25</b>									
	<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>			
	Overall LMA Rating				Overall LMA Rating							
	<b>M</b>				<b>M *</b>							
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												<b>0.00</b>
Encroachments	0.01		0.01	<b>0.16</b>					-0.01		-0.01	<b>-0.16</b>
Animal Control		0.23	0.92	<b>14.73</b>		0.01	0.04	<b>0.64</b>	-0.22	-0.22	-0.88	<b>-14.09</b>
<i>Supplemental</i>												
DWR UCIP Field Study												<b>0.00</b>
<i>LMA Totals:</i>	0.01	0.23	0.93	<b>14.89</b>	0.00	0.01	0.04	<b>0.64 *</b>	-0.01	-0.22	-0.89	<b>-14.25</b>

\* 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.

LD 9

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

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	Active	02/24/2014	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 did not report anything on 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 did not report anything on Part 2.

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

The Agency reported that the levee construction project has been completed, including hydroseeding. The first growth has been mowed.

**Part 4 A statement of work and estimated cost for operation 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. Expenses include costs of monitoring, slope dragging, and vegetation and weed control. The reported total estimated cost for the current fiscal year is \$18,000.

**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 did not report anything on Part 5.

# Reclamation District No. 0003 Grand Island

**Sacramento County**

**Contact**

Buddy Fonseca  
Chairman  
P.O 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	10.95
Unit No. 02	Right Bank Sacramento River	RB	17.35
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**

RD0003													
		Total LMA Miles		<b>28.73</b>									
		Fall 2014				Fall 2015				Change			
		Overall LMA Rating		<b>M *</b>		Overall LMA Rating		<b>M</b>					
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	0.02	0.16	<b>0.56</b>	0.06	0.04	0.22	<b>0.77</b>	-0.02	0.02	0.06	<b>0.21</b>	
Trim / Thin Trees	0.73	0.02	0.81	<b>2.82</b>	0.64	0.20	1.44	<b>5.01</b>	-0.09	0.18	0.63	<b>2.19</b>	
Encroachments	0.04	0.01	0.08	<b>0.28</b>	0.03	0.03	0.15	<b>0.52</b>	-0.01	0.02	0.07	<b>0.24</b>	
Slope Stability	0.01		0.01	<b>0.04</b>	0.01		0.01	<b>0.04</b>				<b>0.00</b>	
Erosion / Bank Caving	0.01	0.07	0.29	<b>1.01</b>	0.01	0.09	0.37	<b>1.29</b>		0.02	0.08	<b>0.28</b>	
Crown Surface / Depressions / Rutting	0.56		0.56	<b>1.95</b>	0.29		0.29	<b>1.01</b>	-0.27		-0.27	<b>-0.94</b>	
<i>Supplemental</i>													
USACE Erosion Survey	0.24		0.24	<b>0.84</b>	0.43		0.43	<b>1.50</b>	0.19		0.19	<b>0.66</b>	
DWR UCIP Field Study												<b>0.00</b>	
<i>LMA Totals:</i>	1.67	0.12	2.15	<b>7.48 *</b>	1.47	0.36	2.91	<b>10.13</b>	-0.20	0.24	0.76	<b>2.65</b>	

\* 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 2015 Sacramento River Erosion Summary >>> DRAFT DATA <<<**

**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	0.24	eroding	M
STM_25-0_L	25.00	0.91	0.96	eroding	M
STM_24-8_L	24.80	1.03	1.18	eroding	M

**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	11.42	eroding	M
SAC_31-6_R	31.60	16.54	16.63	eroding	M

**USACE Inspection Ratings Summary**

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 0003 - Grand Island	28.74	Inactive	07/22/2014	U

**DWR Flood System Repair Project Summary**

**Unit No. 01 Left Bank Steamboat Slough**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
DWR_RD0003_01_s_2012_4	Serious	Erosion	0.18	0.24	Left	38.303035	-121.577357
113-2039	Critical	Seepage	4.87	4.86	Left	38.245952	-121.600835
FSRP-14-35	Serious	Stability	5.11		Left	38.242450	-121.600900
DWR_RD0003_01_R_2012_03	Critical	Erosion	10.67	10.92	Left	38.183810	-121.648780

**Unit No. 02 Right Bank Sacramento River**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
384-178	Critical	Seepage	8.08	8.17	Right	38.223641	-121.557299
DWR_RD0003_02_s_2012_20	Serious	Erosion	11.33	11.42	Right	38.239870	-121.520989

**DWR Summary of Local Maintaining Agency Report**

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

The Agency stated that there is no new information to report on Part 1.

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

The Agency stated that there is no new information to report on Part 2.

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

The Agency provided a summary of actions taken on inspection items listed by DWR in the inspection report. The actions include corrected, low priority, pending, and work in progress for bank caving, crown surface depression, encroachments, erosion, inspections, patrolling, 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**

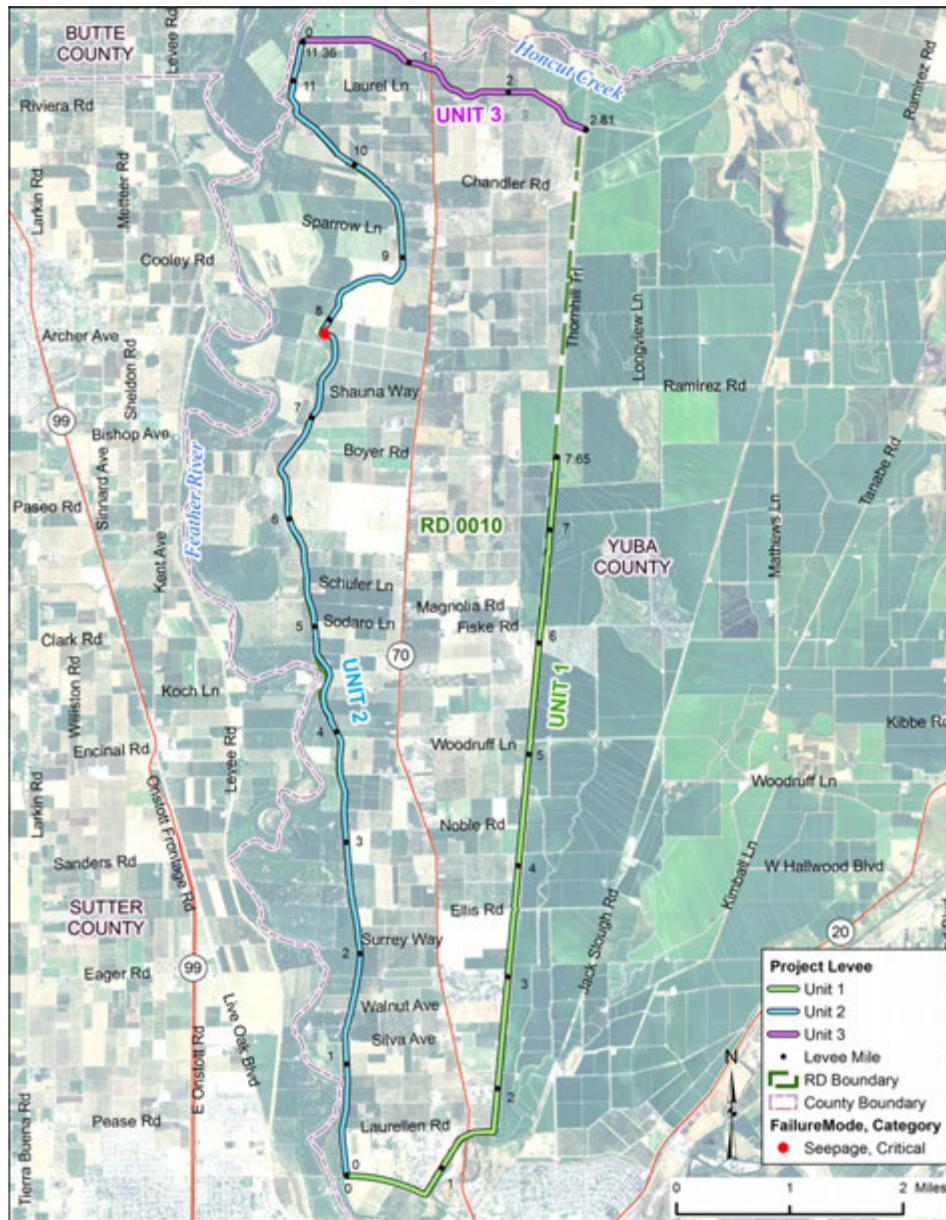
The Agency stated that there is no new information to report on Part 5.

# Reclamation District No. 0010 Honcut

**Yuba County**

**Contact**

Tom Schultz  
President  
9670 Highway 70  
Marysville CA 95901  
Phone: (530) 682-0244



LMA Short Name : RD0010		Bank	Unit Length (Miles)
Unit No. 01	Simmerly Slough	RB	7.65
Unit No. 02	Feather River	LB	11.36
Unit No. 03	Honcut Creek	LB	2.81

**Threat Assessment & Recommendations**

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

**DWR Levee Inspection Summary**

<b>RD0010</b>	Total LMA Miles		<b>21.82</b>									
	<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>			
	Overall LMA Rating				Overall LMA Rating							
	<b>A</b>				<b>A</b>							
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	<b>0.05</b>	0.01		0.01	<b>0.05</b>				<b>0.00</b>
Animal Control	0.06		0.06	<b>0.28</b>	0.07		0.07	<b>0.32</b>	0.01		0.01	<b>0.05</b>
Slope Stability	0.01		0.01	<b>0.05</b>	0.01		0.01	<b>0.05</b>				<b>0.00</b>
Crown Surface / Depressions / Rutting					0.01		0.01	<b>0.05</b>	0.01		0.01	<b>0.05</b>
<i>Supplemental</i>												
DWR UCIP Field Study												<b>0.00</b>
<i>LMA Totals:</i>	0.08	0.00	0.08	<b>0.37</b>	0.10	0.00	0.10	<b>0.46</b>	0.02	0.00	0.02	<b>0.09</b>

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

No Supplemental Erosion Sites.

**USACE Inspection Ratings Summary**

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 0010 - Honcut Drainage Basin	24.75	Inactive	06/20/2014	U

**DWR Flood System Repair Project Summary**

**Unit No. 02 Feather River**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
385-5	Critical	Seepage	7.85		Left	39.272251	-121.612995
385-4	Critical	Seepage	7.86	7.94	Left	39.272284	-121.613042

**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 minor settlement on all levee units and mentioned gravel is needed. The Agency also mentioned that houses located close to the levee along Levee Units 1 and 2 make vegetation management difficult.

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

The Agency reported minor erosion on Levee Unit 1, LM 1.00.

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

The Agency provided a summary of accomplished maintenance activities. Activities include encroachment control, minor structure repair, rodent baiting and trapping, tree trimming, and vegetation control.

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

The Agency reported all levee units need additional gravel at various places and noted funds have been requested from Yuba County Water Agency (YCWA) which will be matched by the district. The reported total estimated cost for the current fiscal year is \$100,000.

**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 is interested in conducting a subsurface investigation at Levee Unit 2, LM 5.00, and mentioned that this is the location where the last breach was reported in 1937. The Agency also reported that the district is interested in conducting a subsurface investigation at Levee Unit 2, LM 9.00, and mentioned that this is the location where seepage was observed during the 1986 and 1997 high water events.

# Reclamation District No. 0070 Meridian

**Sutter County**

**Contact**

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



LMA Short Name : RD0070		Bank	Unit Length (Miles)
Unit No. 01	Sutter Bypass	RB	7.92
Unit No. 02	Sacramento River	LB	15.50

**Threat Assessment & Recommendations**

- The LMA should focus on repairing erosion sites.
- The LMA should repair locations where the levee slope may be unstable.

**DWR Levee Inspection Summary**

<b>RD0070</b>	Total LMA Miles		<b>23.41</b>									
	<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>			
	Overall LMA Rating				Overall LMA Rating							
	<b>A</b>				<b>A</b>							
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	0.06		0.06	<b>0.26</b>	0.01		0.01	<b>0.04</b>	-0.05		-0.05	<b>-0.21</b>
Slope Stability	0.02		0.02	<b>0.09</b>	0.02		0.02	<b>0.09</b>				<b>0.00</b>
Erosion / Bank Caving	0.02		0.02	<b>0.09</b>	0.02		0.02	<b>0.09</b>				<b>0.00</b>
<i>Supplemental</i>												
USACE Erosion Survey	0.71		0.71	<b>3.03</b>	0.80		0.80	<b>3.42</b>	0.09		0.09	<b>0.38</b>
DWR UCIP Field Study												<b>0.00</b>
<i>LMA Totals:</i>	0.81	0.00	0.81	<b>3.46</b>	0.85	0.00	0.85	<b>3.63</b>	0.04	0.00	0.04	<b>0.17</b>

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary >>> DRAFT DATA <<<**

**Unit No. 02 Sacramento River, LB**

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
SAC_138-1_L	138.10	0.05	0.32	eroding	M
SAC_136-6_L	136.60	1.78	1.90	eroding	M
SAC_131-8_L	131.80	6.42	6.54	eroding	M
SAC_130-0_L	130.00	8.10	8.23	eroding	M
SAC_125-8_L	125.80	11.64	11.66	eroding	M
SAC_123-3_L	123.30	14.08	14.21	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. 01 Sutter Bypass**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
FSRP-13-1	Critical	Erosion	0.48	0.44	RB	39.142140	-121.840500

**Unit No. 02 Sacramento River**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
DWR_RD0070_02_s_2012_39	Serious	Erosion	4.44	4.47	Left	39.142676	-121.918333
DWR_RD0070_02_s_2012_42	Serious	Erosion	8.10		Left	39.122459	-121.910121
FSRP-14-32	Serious	Erosion	9.89	9.93	LB	39.098620	-121.898120

**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 leaky pipe on the waterside of Levee Unit 2, LM 2.35, and noted that the district is working with the landowner to correct the issue.

**Part 2 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 leaky pipe on the waterside of Levee Unit 2, LM 2.35, and noted that the district is working with the landowner to correct the issue.

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

The Agency provided a summary of accomplished maintenance activities. Activities include levee patrolling, crown grading, slope dragging, rodent control, and tree thinning and trimming. The Agency also provided actions taken on inspection items listed by DWR in the inspection report. The actions taken include corrected and work in progress for encroachments, erosion, and slope stability issues.

**Part 4 A statement of work and estimated cost for operation 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 levee slope dragging, debris removal, levee crown grading, rodent control, thinning and pruning trees, and vegetation burning and spraying. The reported total estimated cost for the current fiscal year is \$75,000.

**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 information relevant to the condition or performance of the levee.

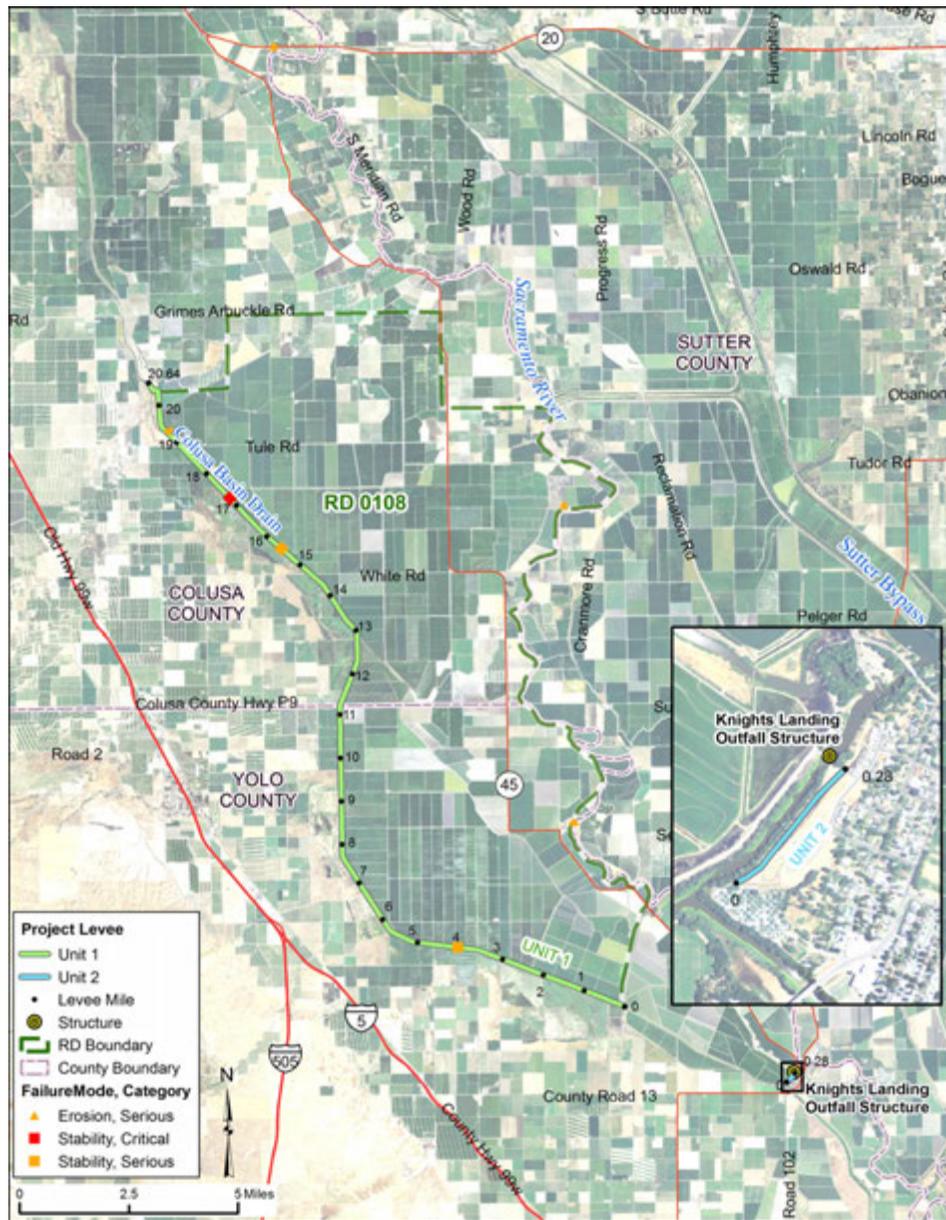
# Reclamation District No. 0108

## River Farms

**Colusa County**

**Contact**

Lewis Bair  
General Manager  
P.O Box 50  
Grimes CA 95950  
Phone: (530) 437-2221



LMA Short Name : RD0108		Bank	Unit Length (Miles)
Unit No. 01	Colusa Basin Drain	LB	20.64
Unit No. 02	Castle Properties	RB	0.28

**Threat Assessment & Recommendations**

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

**DWR Levee Inspection Summary**

Rated Item	Total LMA Miles		20.92		Fall 2014				Fall 2015				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>															
Encroachments					0.02		0.02	0.10	0.02		0.02	0.10				
Animal Control					0.07		0.07	0.34	0.07		0.07	0.34				
Cracking	0.01		0.01	0.05					-0.01		-0.01	-0.05				
Crown Surface / Depressions / Rutting					0.01		0.01	0.05	0.01		0.01	0.05				
<i>Supplemental</i>																
USACE Erosion Survey	0.01		0.01	0.05	0.07		0.07	0.34	0.06		0.06	0.29				
DWR UCIP Field Study												0.00				
<i>LMA Totals:</i>	0.02	0.00	0.02	0.10	0.17	0.00	0.17	0.81	0.15	0.00	0.15	0.72				

RD 108

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

**Unit No. 01 Colusa Basin Drain, LB**

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
CBD_19-2_L		19.27	19.35	eroding	M

**USACE Inspection Ratings Summary**

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Sacramento River west bank	119.72	Active	03/09/2015	U

**DWR Flood System Repair Project Summary**

**Unit No. 01 Colusa Basin Drain**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
116-2001	Serious	Stability	4.07	4.05	Left	38.843519	-121.866430
FSRP-15-28	Critical	Stability	4.20	4.16	Left	38.843780	-121.868650
FSRP-14-31	Serious	Stability	15.60	15.48	LB	38.978020	-121.938540
DWR_RD0108_01_R_2012_01	Critical	Stability	17.33	17.21	Left	38.996020	-121.960910
DWR_RD0108_01_s_2012_3	Serious	Erosion	19.27	19.35	Left	39.016727	-121.985411

**DWR Summary of Local Maintaining Agency Report**

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

The Agency stated that there is no new information to report on Part 1.

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

The Agency stated that there is no new information to report on Part 2.

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

The Agency provided a summary of actions taken on inspection items listed by DWR in the inspection report. The actions include animal control, encroachment control, patrolling, repair of cracking, road maintenance, rodent control, and vegetation control. The reported total maintenance cost for the previous fiscal year was \$34,000.

**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 planned maintenance activities for all levee units. Expenses include costs of levee and road maintenance, patrolling, 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**

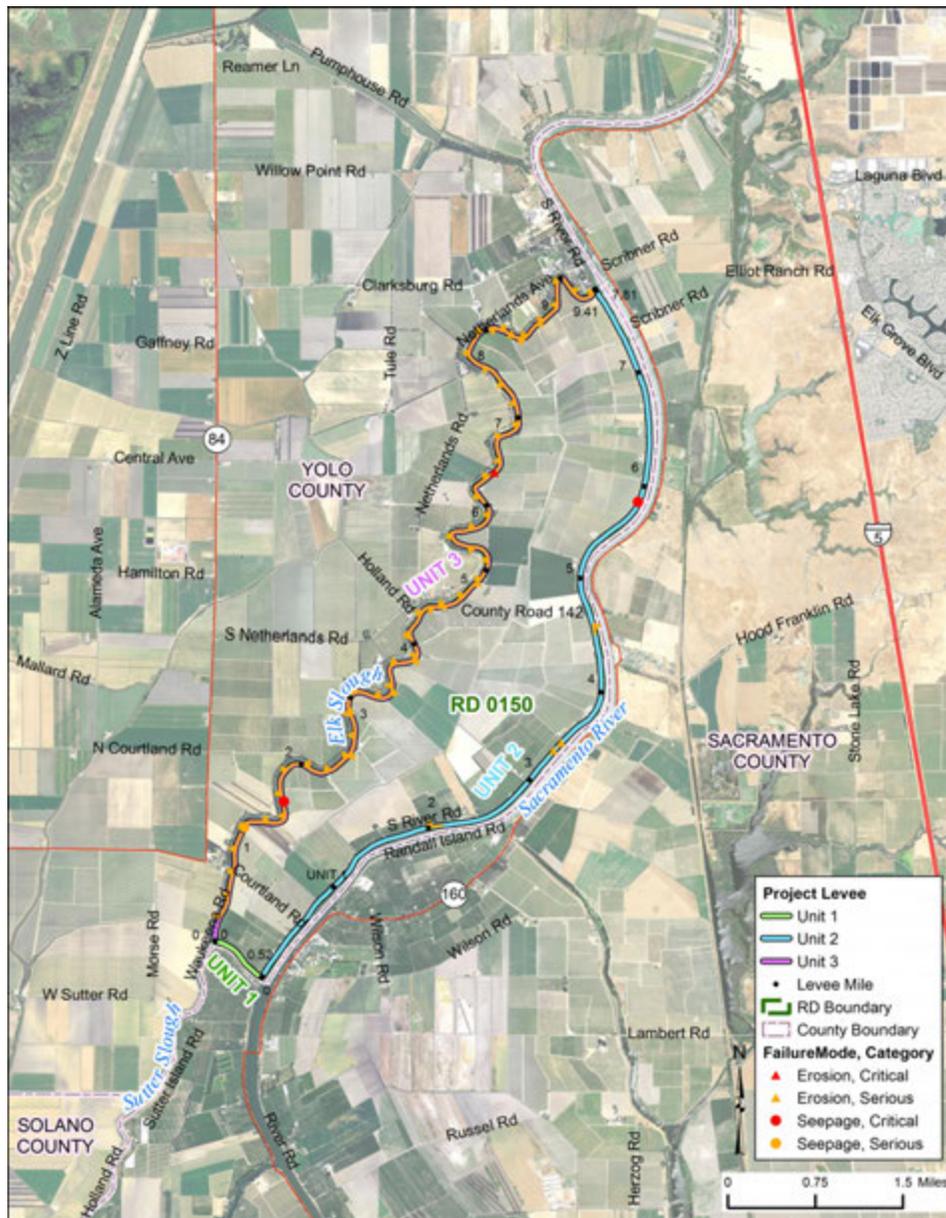
The Agency stated that there is no new information to report on Part 5.

# Reclamation District No. 0150 Merrit Island

**Yolo County**

**Contact**

Warren Bogle  
President  
37783 County Road 144  
Clarksburg CA 95612  
Phone: (916) 744-1669



LMA Short Name : RD0150		Bank	Unit Length (Miles)
Unit No. 01	Sutter Slough	LB	0.52
Unit No. 02	Sacramento River	RB	7.81
Unit No. 03	Elk Slough	LB	9.41

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

**DWR Levee Inspection Summary**

RD0150													
		Total LMA Miles		<b>17.74</b>									
		Fall 2014				Fall 2015				Change			
		Overall LMA Rating		<b>M *</b>		Overall LMA Rating		<b>M *</b>					
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	
<i>Earthen Levee</i>													
Vegetation	0.03		0.03	<b>0.17</b>	0.08		0.08	<b>0.45</b>	<b>0.05</b>		<b>0.05</b>	<b>0.28</b>	
Trim / Thin Trees	0.04		0.04	<b>0.23</b>	0.02	0.02	0.10	<b>0.56</b>	<b>-0.02</b>	<b>0.02</b>	<b>0.06</b>	<b>0.34</b>	
Encroachments	0.12		0.12	<b>0.68</b>	0.11		0.11	<b>0.62</b>	<b>-0.01</b>		<b>-0.01</b>	<b>-0.06</b>	
Animal Control	0.04		0.04	<b>0.23</b>	0.06	0.01	0.10	<b>0.56</b>	<b>0.02</b>	<b>0.01</b>	<b>0.06</b>	<b>0.34</b>	
Slope Stability	0.09		0.09	<b>0.51</b>	0.07		0.07	<b>0.39</b>	<b>-0.02</b>		<b>-0.02</b>	<b>-0.11</b>	
Erosion / Bank Caving	0.09	0.01	0.13	<b>0.73</b>	0.08	0.03	0.20	<b>1.13</b>	<b>-0.01</b>	<b>0.02</b>	<b>0.07</b>	<b>0.39</b>	
Crown Surface / Depressions / Rutting	0.05		0.05	<b>0.28</b>	0.01		0.01	<b>0.06</b>	<b>-0.04</b>		<b>-0.04</b>	<b>-0.23</b>	
<i>Supplemental</i>													
USACE Erosion Survey	0.06		0.06	<b>0.34</b>	0.12		0.12	<b>0.68</b>	<b>0.06</b>		<b>0.06</b>	<b>0.34</b>	
DWR UCIP Field Study												<b>0.00</b>	
<i>LMA Totals:</i>	0.52	0.01	0.56	<b>3.16 *</b>	0.55	0.06	0.79	<b>4.45 *</b>	<b>0.03</b>	<b>0.05</b>	<b>0.23</b>	<b>1.30</b>	

\* 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 2015 Sacramento River Erosion Summary >>> DRAFT DATA <<<**

**Unit No. 01 Sutter Slough, LB**

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
STR_28-4_R	28.40	0.44	0.49	eroding	M

**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	4.57	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	0.01	9.40	eroding	M

**USACE Inspection Ratings Summary**

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 0150 - Merrit Island	17.73	Inactive	03/19/2015	U

**DWR Flood System Repair Project Summary**

**Unit No. 02 Sacramento River**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
306-73	Serious	Erosion	2.00	2.12	Right	38.346742	-121.549620
306-140	Serious	Erosion	3.32		Right	38.356263	-121.529899
306-107	Serious	Erosion	3.42		Right	38.357292	-121.528661
DWR_RD0150_02_s_2012_19	Serious	Erosion	4.50	4.57	Right	38.370928	-121.523069
306-135	Critical	Seepage	5.85		Right	38.387241	-121.516284

**Unit No. 03 Elk Slough**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
DWR_RD0150_03_s_2012_80	Serious	Erosion	0.19		Left	38.335373	-121.582894
386-72	Serious	Seepage	1.03		Left	38.346886	-121.578824
386-93	Critical	Seepage	1.55		Left	38.349949	-121.572659
386-54	Serious	Erosion	2.47	2.49	Left	38.355843	-121.562288
DWR_RD0150_03_s_2012_76	Serious	Erosion	2.87		Left	38.361375	-121.562134
DWR_RD0150_03_s_2012_98	Serious	Erosion	3.29	3.42	Left	38.363016	-121.557143
386-40	Serious	Erosion	3.82	3.86	Left	38.367682	-121.552247
386-65	Serious	Erosion	4.34	4.40	Left	38.374022	-121.550097
386-29	Serious	Erosion	4.50		Left	38.374370	-121.547271
386-30	Serious	Erosion	4.86		Left	38.377288	-121.541955
386-32	Critical	Erosion	6.39		Left	38.391092	-121.539083
DWR_RD0150_03_s_2012_946	Serious	Erosion	8.06	7.99	Left	38.409275	-121.539150
386-34	Serious	Erosion	8.23		Left	38.408364	-121.536258
DWR_RD0150_03_s_2012_66	Serious	Erosion	8.29	8.34	Left	38.408010	-121.535322
DWR_RD0150_03_s_2012_6	Serious	Erosion	8.54		Left	38.409849	-121.531729

**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 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 accomplished maintenance activities. Activities include inspections, goat grazing, tree trimming, and vegetation spraying and mowing.

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

The Agency provided a summary of expenses and planned maintenance activities for all levee units. Expenses include costs of inspections, goat grazing, surveying and engineering, tree trimming and pruning, and vegetation mowing and spraying. The reported total estimated cost for the current fiscal year is \$95,000.

**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 information relevant to the condition or performance of the levee.

# Reclamation District No. 0307 Lisbon

**Yolo County**

**Contact**

John Martinelli  
President  
P.O Box 518  
Clarksburg CA 95612  
Phone: (916) 371-2351



LMA Short Name : RD0307		Bank	Unit Length (Miles)
Unit No. 01	Sacramento River	RB	6.56

**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**

<b>RD0307</b>	Total LMA Miles		<b>6.56</b>									
	<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>			
	Overall LMA Rating				Overall LMA Rating							
	<b>M</b>				<b>M</b>							
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	0.06	0.32	<b>4.88</b>	0.05		0.05	<b>0.76</b>	-0.03	-0.06	-0.27	<b>-4.11</b>
Trim / Thin Trees	0.18		0.18	<b>2.74</b>	0.07		0.07	<b>1.07</b>	-0.11		-0.11	<b>-1.68</b>
Animal Control	0.13		0.13	<b>1.98</b>	0.14		0.14	<b>2.13</b>	<b>0.01</b>		<b>0.01</b>	<b>0.15</b>
Flood Preparedness & Training	0.07		0.07	<b>1.07</b>	0.07		0.07	<b>1.07</b>				<b>0.00</b>
<i>Supplemental</i>												
2015 USACE Erosion Survey, DRAFT					0.46		0.46	<b>7.01</b>	<b>0.46</b>		<b>0.46</b>	<b>7.01</b>
DWR UCIP Field Study												<b>0.00</b>
<i>LMA Totals:</i>	0.46	0.06	0.70	<b>10.67</b>	0.79	0.00	0.79	<b>12.04</b>	<b>0.33</b>	<b>-0.06</b>	<b>0.09</b>	<b>1.37</b>

RD 307

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

**Unit No. 01 Sacramento River, RB**

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
SAC_48-6_R	48.60	1.17	1.31	eroding	M
SAC_43-2_R	43.20	6.19	6.38	eroding	M
SAC_43-1_R	43.10	6.42	6.55	eroding	M

**USACE Inspection Ratings Summary**

System Name	Length (Miles)	RIP Status	RIP Date	Rating
West Sacramento - SacYolo South	60.45	Inactive	07/24/2015	U

**DWR Flood System Repair Project Summary**

**Unit No. 01 Sacramento River**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
DWR_RD0307_01_s_2012_6	Serious	Stability	6.19	6.38	Right	38.434560	-121.531159
DWR_RD0307_01_s_2012_7	Serious	Stability	6.42	6.55	Right	38.431726	-121.533200

**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 maintenance items listed in the DWR inspection reports that are continually being addressed. The items include, but are not limited to, encroachment control, erosion repairs, inspections, rodent baiting, rodent hole grouting, and vegetation management.

**Part 2 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 information to report on 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 items listed in the DWR inspection reports that are continually being addressed. The items include, but are not limited to, encroachment control, erosion repairs, inspections, rodent baiting, rodent hole grouting, and vegetation management.

**Part 4 A statement of work and estimated cost for operation 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 the annual routine maintenance cost for the current fiscal year is \$31,309, as reported to DWR's Delta Levees Maintenance Subventions Program.

**Part 5 Any other readily available information contained in the 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 Part 5.

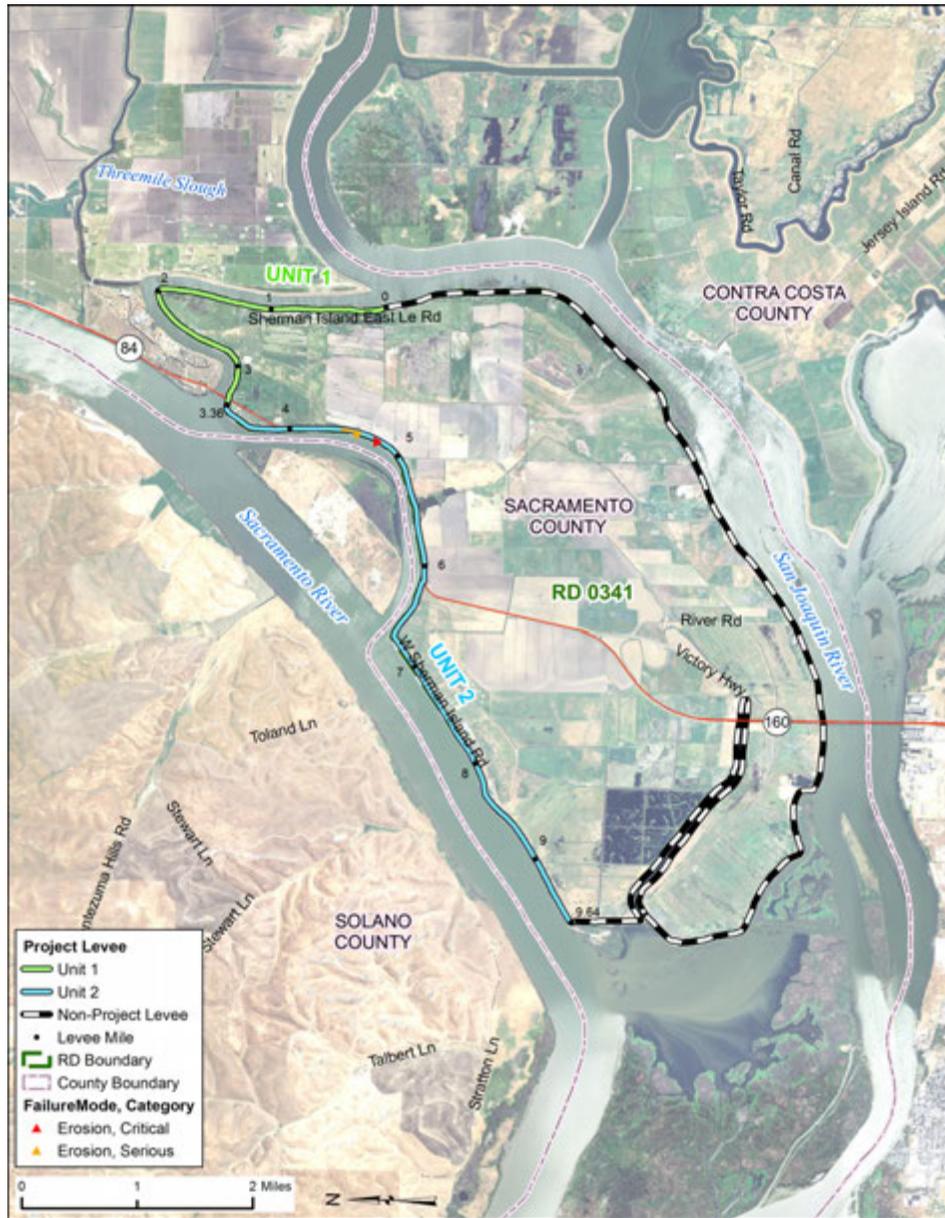
# Reclamation District No. 0341 Sherman Island

RD 341

**Sacramento County**

**Contact**

Juan Mercado Jr  
President  
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	3.36
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**

<b>RD0341</b>	Total LMA Miles		<b>9.64</b>									
	<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>			
	Overall LMA Rating				Overall LMA Rating							
	<b>U</b>				<b>U</b>							
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	3.40	1.13	7.92	<b>82.18</b>	0.03	4.40	17.63	<b>182.93</b>	-3.37	3.27	9.71	<b>100.75</b>
Trim / Thin Trees	0.20		0.20	<b>2.08</b>	0.21	0.03	0.33	<b>3.42</b>	0.01	0.03	0.13	<b>1.35</b>
<i>Supplemental</i>												
2015 USACE Erosion Survey, DRAFT					0.04	0.38	1.56	<b>16.19</b>	0.04	0.38	1.56	<b>16.19</b>
DWR UCIP Field Study												<b>0.00</b>
<i>LMA Totals:</i>	3.60	1.13	8.12	<b>84.25</b>	0.28	4.81	19.52	<b>202.54</b>	-3.32	3.68	11.40	<b>118.29</b>

RD 341

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

**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	4.47	4.62	critical	U
SAC_7-9_L	7.90	4.76	4.85	critical	U
SAC_7-3_L	7.30	6.03	6.16	critical	U

**USACE Inspection Ratings Summary**

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 0341 - Sherman Island	9.63	Inactive	03/20/2015	U

**DWR Flood System Repair Project Summary**

**Unit No. 02 Sacramento River**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
DWR_RD0341_02_s_2012_7	Serious	Erosion	4.45	4.61	Left	38.090810	-121.706195
DWR_RD0341_02_s_2012_8	Critical	Erosion	4.75	4.79	Left	38.086641	-121.707545

**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 subsidence and erosion at Levee Unit 1 from STA 19+00 to 45+00. The Agency also reported erosion at Levee Unit 2 STA 700+00 to 850+00 and seepage and erosion at Levee Unit 2 at STA 870+00 to 940+00. The Agency also mentioned subsidence at Levee Unit 2 STA 698+00 to 700+00. The Agency also reported subsidence on non-Project Levee Unit 1 at STA 333+00 to 444+00 and 520+00 to 700+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 reported subsidence and erosion at Levee Unit 1 from STA 19+00 to 45+00. The Agency also mentioned erosion at Levee Unit 2 STA 700+00 to 850+00 and seepage and erosion at Levee Unit 2 at STA 870+00 to 940+00. The Agency also reported subsidence at Levee Unit 2 STA 698+00 to 700+00. The Agency also reported subsidence on non-Project Levee Unit 1 at STA 333+00 to 444+00 and 520+00 to 700+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 performed on all Project and non-Project levee units, and the location of these activities. Activities include cleaning of drain and toe ditches, debris removal, erosion repair, inspections, roadway maintenance, rodent control, vegetation control, 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 planned maintenance activities for all Project and non-Project levee units, and the location of these activities. Expenses include costs of encroachment control, engineering services and program administration, erosion repair, flood emergency planning, habitat assessment, levee profiles and cross-sections, rodent control, roadway grading, routine levee inspection, vegetation control, and waterside slope protection repair. The reported total estimated cost for the current fiscal year is \$874,200.

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

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

RD 341

# Reclamation District No. 0349

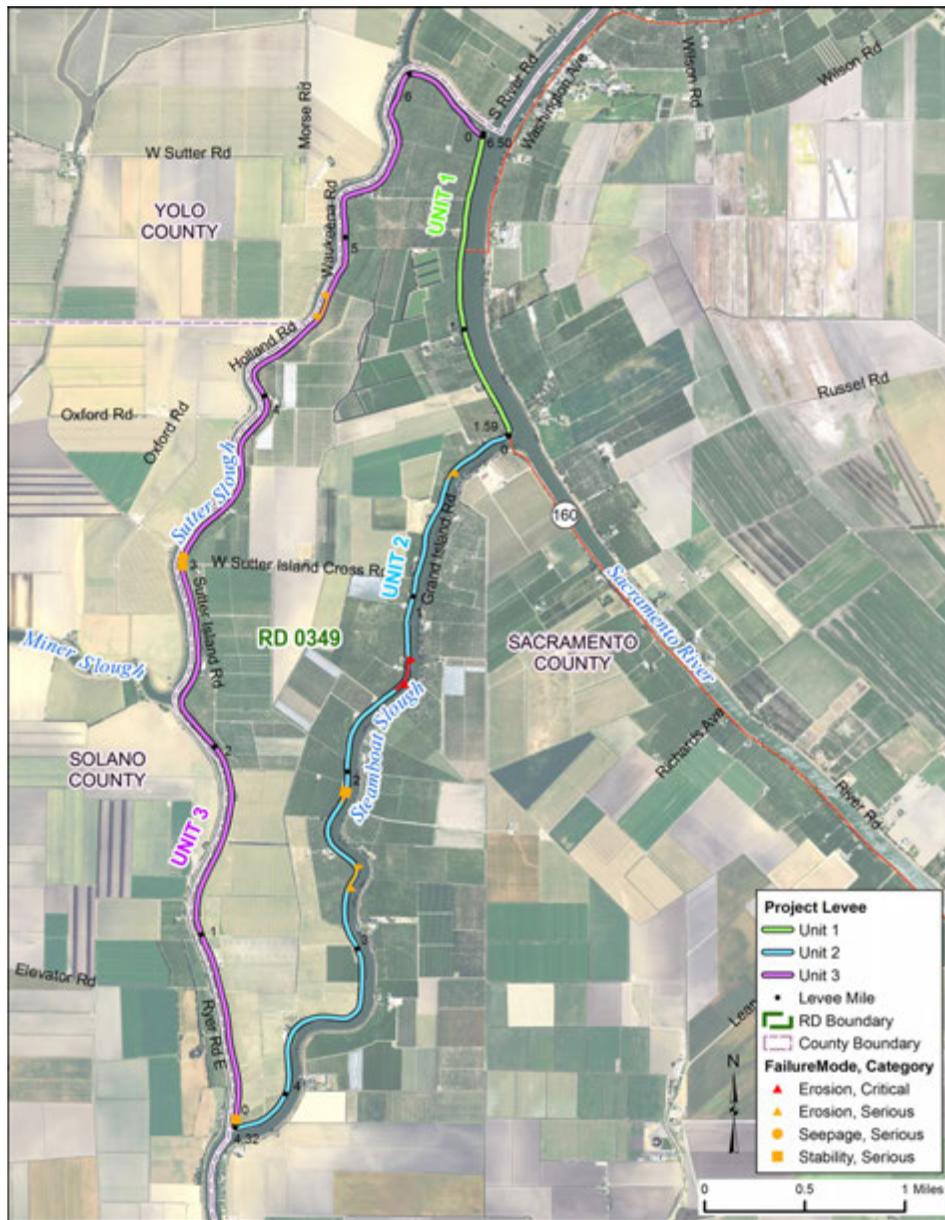
## Sutter Island

RD 349

**Sacramento County**

**Contact**

Thomas Mayes  
President  
P.O. Box 368  
Courtland CA 95615  
Phone: (916) 775-1516



LMA Short Name : RD0349		Bank	Unit Length (Miles)
Unit No. 01	Sacramento River	RB	1.59
Unit No. 02	Steamboat Slough	RB	4.32
Unit No. 03	Sutter Slough	LB	6.50

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

**DWR Levee Inspection Summary**

Rated Item	Total LMA Miles		12.41									
	Fall 2014				Fall 2015				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	21.27	4.64	39.83	321.03	6.79	17.87	78.27	630.85	-14.48	13.23	38.44	309.82
Trim / Thin Trees	0.70	0.08	1.02	8.22	0.32	0.01	0.36	2.90	-0.38	-0.07	-0.66	-5.32
Encroachments	0.04	0.02	0.12	0.97	0.06	0.02	0.14	1.13	0.02		0.02	0.16
Animal Control					0.18		0.18	1.45	0.18		0.18	1.45
Slope Stability		0.06	0.24	1.93		0.06	0.24	1.93				0.00
Crown Surface / Depressions / Rutting	2.82		2.82	22.73					-2.82		-2.82	-22.73
Emergency Supplies & Equipment	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				0.00
<i>Interior Drainage &amp; Piping Systems</i>												
Vegetation & Obstructions					0.43		0.43	3.47	0.43		0.43	3.47
<i>Supplemental</i>												
USACE Erosion Survey	0.74	1.52	6.82	54.97	0.69	0.16	1.33	10.72	-0.05	-1.36	-5.49	-44.25
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	25.82	6.32	51.10	411.86	8.72	18.12	81.20	654.47	-17.10	11.80	30.10	242.60

RD 349

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary >>> DRAFT DATA <<<**

**Unit No. 01 Sacramento River, RB**

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
SAC_33-9_R	33.90	0.03	0.10	eroding new	M

**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	0.72	eroding	M
STM_24-7_R	24.70	1.33	1.49	critical	U
STM_24-1_R	24.10	2.04	2.05	eroding	M
STM_23-9_R	23.90	2.11	2.14	eroding	M
STM_23-6_R	23.60	2.56	2.69	eroding	M
STM_22-8_R	22.80	3.38	3.49	eroding	M

**Unit No. 03 Sutter Slough, LB**

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
STR_26-1_R	26.10	1.92	1.97	eroding new	M
STR_26-9_L	26.90	5.06	5.18	eroding new	M

**USACE Inspection Ratings Summary**

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 0349 - Sutter Island	12.40	Inactive	09/08/2014	U

**DWR Flood System Repair Project Summary**

**Unit No. 02 Steamboat Slough**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
DWR_RD0349_02_s_2012_26	Serious	Erosion	0.34	0.39	Right	38.302358	-121.579707
DWR_RD0349_02_s_2012_28	Critical	Erosion	1.49	1.33	Right	38.286475	-121.585026
307-16	Serious	Stability	2.16	2.10	Right	38.278404	-121.590233
DWR_RD0349_02_s_2012_32	Serious	Erosion	2.56	2.69	Right	38.273854	-121.588745

**Unit No. 03 Sutter Slough**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
388-27	Serious	Seepage	0.04		Left	38.255326	-121.600035
388-28	Serious	Seepage	2.99		Left	38.295625	-121.604712
388-2018	Serious	Seepage	3.03		Left	38.296192	-121.604617
DWR_RD0349_03_s_2012_28	Serious	Erosion	4.56	4.68	Left	38.313836	-121.592259

**DWR Summary of Local Maintaining Agency Report**

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

The Agency stated that there is no new information to report on Part 1.

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

The Agency stated that there is no new information to report on 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 on all levee units. Activities include inspections, 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 planned maintenance activities for all levee units. Expenses include costs of inspections, rodent control, surveying and engineering, and vegetation control. The reported total estimated cost for the current fiscal year is \$32,000.

**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 Part 5.

# Reclamation District No. 0369

## Libby McNeil

RD 369

**Sacramento County**

**Contact**

Clarence Chu  
Manager  
13952 Main Street  
Locke CA 95690  
Phone: (916) 776-1684



LMA Short Name : RD0369		Bank	Unit Length (Miles)
Unit No. 01	Sacramento River	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**

<b>RD0369</b>	Total LMA Miles		<b>0.78</b>									
	<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>			
	Overall LMA Rating				Overall LMA Rating							
	<b>U</b>				<b>M</b>							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	0.36		0.36	<b>46.34</b>	0.11		0.11	<b>14.16</b>	-0.25		-0.25	<b>-32.18</b>
Trim / Thin Trees	0.08		0.08	<b>10.30</b>	0.02		0.02	<b>2.58</b>	-0.06		-0.06	<b>-7.72</b>
Slope Stability	0.01		0.01	<b>1.29</b>					-0.01		-0.01	<b>-1.29</b>
Operations & Maintenance Manuals	0.01		0.01	<b>1.29</b>	0.01		0.01	<b>1.29</b>				<b>0.00</b>
Emergency Supplies & Equipment	0.01		0.01	<b>1.29</b>	0.01		0.01	<b>1.29</b>				<b>0.00</b>
Flood Preparedness & Training	0.01		0.01	<b>1.29</b>	0.01		0.01	<b>1.29</b>				<b>0.00</b>
<i>Supplemental</i>												
DWR UCIP Field Study												<b>0.00</b>
<i>LMA Totals:</i>	0.47	0.00	0.47	<b>60.50</b>	0.15	0.00	0.15	<b>19.31</b>	-0.32	0.00	-0.32	<b>-41.19</b>

RD 369

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

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	Inactive	07/22/2014	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 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 accomplished maintenance activities. Activities include tree trimming, 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 \$6,900.

**Part 5 Any other readily available information contained in the 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 information relevant to the condition or performance of the levee.

# Reclamation District No. 0501

## Ryer Island

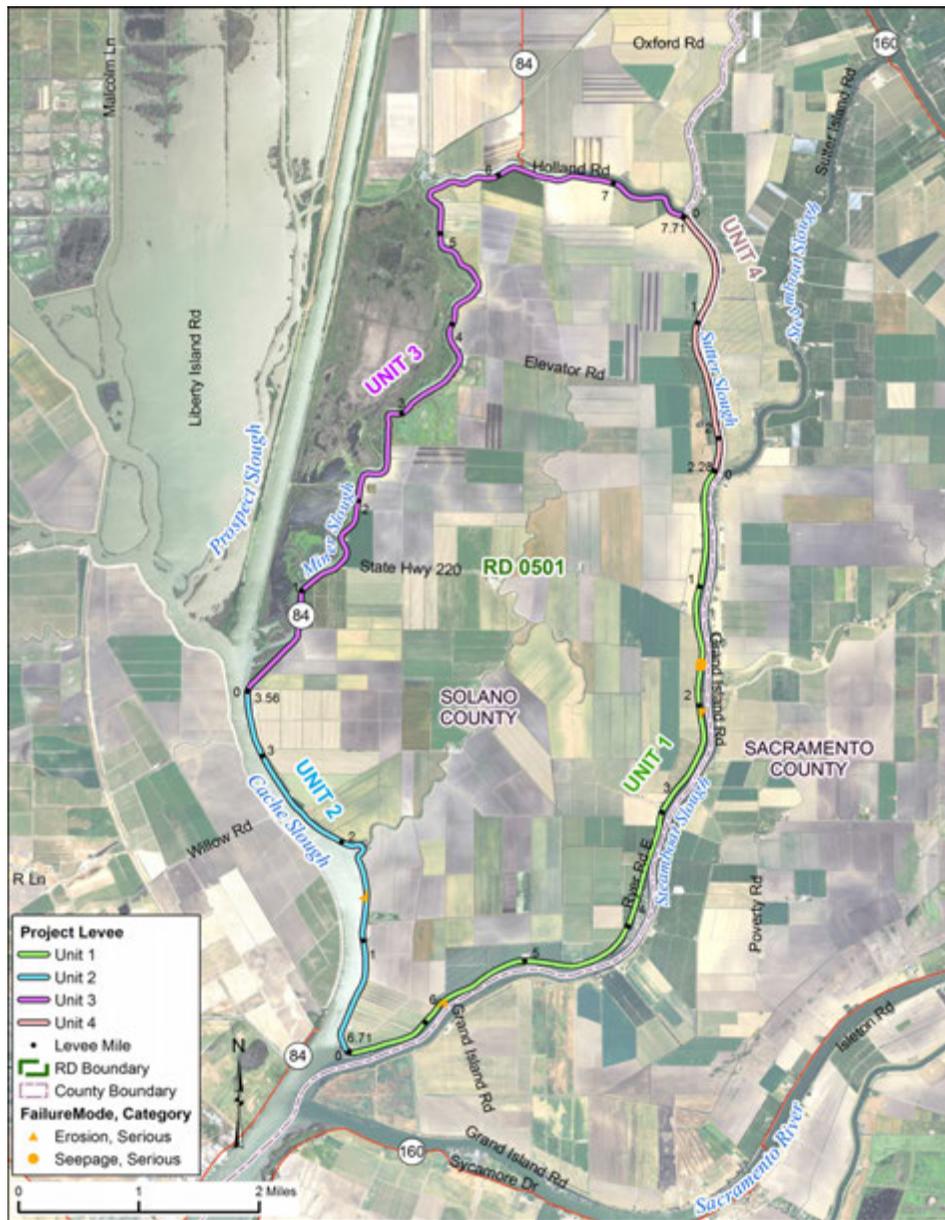
RD 501

**Solano County**

**Contact**

Tom Hester  
President  
3554 State Highway 84  
Walnut Grove CA 95690  
Phone: (916) 775-1996

RD 501



LMA Short Name : RD0501		Bank	Unit Length (Miles)
Unit No. 01	Steamboat Slough	RB	6.71
Unit No. 02	Cache Slough	LB	3.56
Unit No. 03	Miner Slough	LB	7.71
Unit No. 04	Sutter Slough	RB	2.28

**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 more on controlling woody vegetation.

**DWR Levee Inspection Summary**

RD0501													
		Total LMA Miles		<b>20.26</b>									
		Fall 2014				Fall 2015				Change			
		Overall LMA Rating		<b>U</b>		Overall LMA Rating		<b>U</b>					
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	30.62	1.85	38.02	<b>187.69</b>	19.44	0.37	20.92	<b>103.27</b>	-11.18	-1.48	-17.10	<b>-84.42</b>	
Trim / Thin Trees	1.75	0.03	1.87	<b>9.23</b>	1.26	0.02	1.34	<b>6.62</b>	-0.49	-0.01	-0.53	<b>-2.62</b>	
Encroachments	0.02		0.02	<b>0.10</b>	0.01		0.01	<b>0.05</b>	-0.01		-0.01	<b>-0.05</b>	
Animal Control	0.70		0.70	<b>3.46</b>	0.52		0.52	<b>2.57</b>	-0.18		-0.18	<b>-0.89</b>	
Slope Stability	0.01		0.01	<b>0.05</b>					-0.01		-0.01	<b>-0.05</b>	
Erosion / Bank Caving	0.07		0.07	<b>0.35</b>	0.06		0.06	<b>0.30</b>	-0.01		-0.01	<b>-0.05</b>	
<i>Supplemental</i>													
USACE Erosion Survey	0.25		0.25	<b>1.23</b>	0.26		0.26	<b>1.28</b>	0.01		0.01	<b>0.05</b>	
DWR UCIP Field Study												<b>0.00</b>	
<i>LMA Totals:</i>	33.42	1.88	40.94	<b>202.11</b>	21.55	0.39	23.11	<b>114.09</b>	-11.87	-1.49	-17.83	<b>-88.02</b>	

RD 501

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

**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	2.91	eroding	M
STM_18-8_R	18.80	3.04	3.11	eroding	M
STM_15-7_R	15.70	5.77	5.84	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	1.10	1.17	eroding	M

**USACE Inspection Ratings Summary**

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 0501 - Ryer Island	20.25	Inactive	03/19/2015	U

**DWR Flood System Repair Project Summary**

**Unit No. 01 Steamboat Slough**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
122-2019	Serious	Seepage	1.64	1.66	Right	38.231283	-121.603595
122-139	Serious	Seepage	1.67		Right	38.230840	-121.603671
DWR_RD0501_01_s_2012_26	Serious	Erosion	2.04	2.09	Right	38.225500	-121.603887
DWR_RD0501_01_s_2012_44	Serious	Erosion	5.77	5.84	Right	38.190001	-121.643160

**Unit No. 02 Cache Slough**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
308-31	Serious	Erosion	1.34	1.41	Left	38.202434	-121.654988

**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 routine maintenance is ongoing and noted encroachment enforcement remains an ongoing process that is leading to varied success.

**Part 2 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 accomplished maintenance activities. Activities include encroachment control, visual inspections, erosion repairs, rodent baiting and hole grouting, 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 mentioned an active ongoing program in place and estimated the cost for the current fiscal year to be \$75,000.

**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 information relevant to the condition or performance of the levee.

RD 501

# Reclamation District No. 0536 Egbert

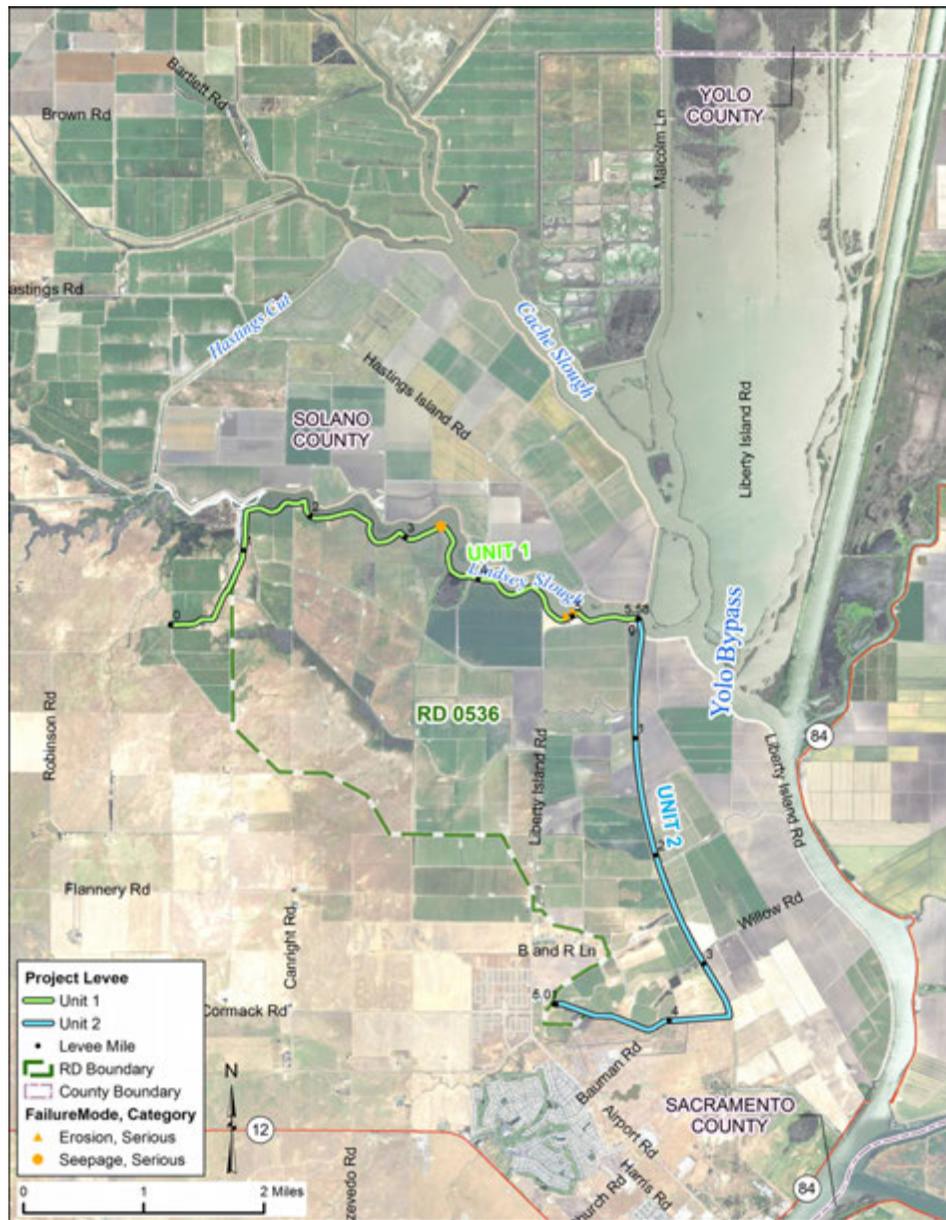
**Solano County**

**Contact**

Page Baldwin  
Manager  
P.O 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	5.58
Unit No. 02	Yolo Bypass	RB	5.01

**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 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		10.59									
	Fall 2014				Fall 2015				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	14.58	9.91	54.22	511.76	3.22	9.54	41.38	390.57	-11.36	-0.37	-12.84	-121.19
Trim / Thin Trees	0.08		0.08	0.76	0.02		0.02	0.19	-0.06		-0.06	-0.57
Encroachments	0.05		0.05	0.47	0.02	0.04	0.18	1.70	-0.03	0.04	0.13	1.23
Erosion / Bank Caving	0.01		0.01	0.09	0.01		0.01	0.09				0.00
Cracking	0.62		0.62	5.85					-0.62		-0.62	-5.85
Crown Surface / Depressions / Rutting	4.26	0.02	4.34	40.96	1.56	0.02	1.64	15.48	-2.70		-2.70	-25.48
Repair Gates	0.01	0.03	0.13	1.23					-0.01	-0.03	-0.13	-1.23
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	0.36		0.36	3.40	0.37		0.37	3.49	0.01		0.01	0.09
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	20.29	9.96	60.13	567.54	5.52	9.60	43.92	414.54	-14.77	-0.36	-16.21	-153.00

RD 536

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary >>> DRAFT DATA <<<**

**Unit No. 01 Lindsey Slough, RB**

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
LDS_0-6_R		0.67	0.98	eroding	M
LDS_0-8_R	0.80	4.94	4.95	eroding	M
LDS_0-7_R	0.70	5.00	5.05	eroding	M

**USACE Inspection Ratings Summary**

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 0536 - Egbert tract	10.58	Inactive	07/22/2015	U

**DWR Flood System Repair Project Summary**

**Unit No. 01 Lindsey Slough**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
123-11	Serious	Seepage	3.36	3.31	Right	38.256688	-121.726990
DWR_RD0536_01_s_2012_16	Serious	Erosion	4.94	4.95	Right	38.245581	-121.708605
DWR_RD0536_01_s_2012_25	Serious	Erosion	5.00	5.05	Right	38.245981	-121.707609

**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 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 accomplished maintenance activities. Activities include inspections, rodent baiting, roadway maintenance, and vegetation control.

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

The Agency provided a summary of expenses and maintenance activities for all levee units. Expenses include costs of rodent control, roadway maintenance, and vegetation control. The reported total estimated cost for the current fiscal year is \$7,000.

**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 information relevant to the condition or performance of the levee.

RD 536

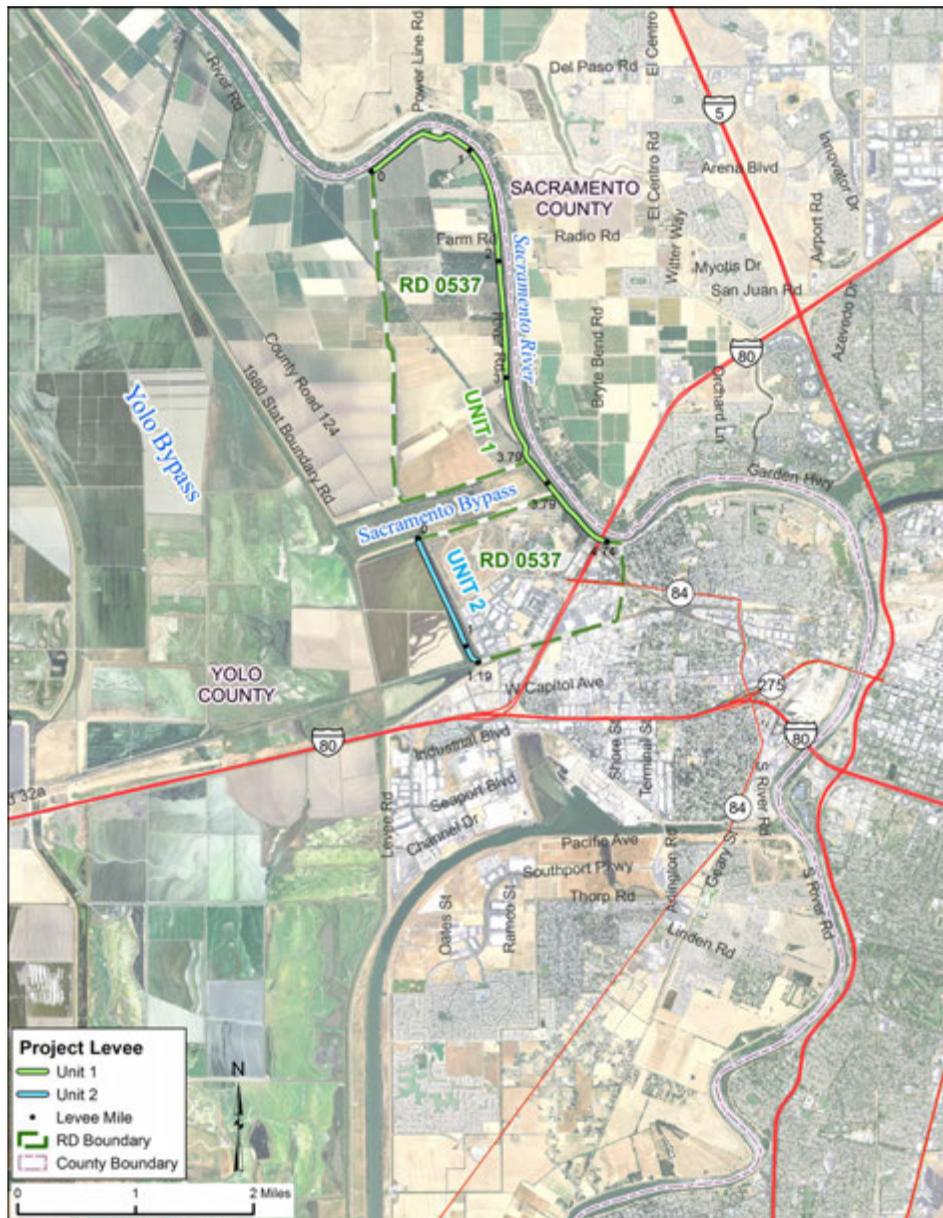
# Reclamation District No. 0537 Lovdal

Yolo County

RD 537

**Contact**

Kristen Pigman  
President  
P.O BOX 822  
West Sacramento CA 95691  
Phone: (916) 371-1483



LMA Short Name : RD0537		Bank	Unit Length (Miles)
Unit No. 01	Sacramento River	RB	4.74
Unit No. 02	Yolo Bypass	LB	1.19

**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**

RD0537												
Total LMA Miles		5.93										
Fall 2014					Fall 2015				Change			
Overall LMA Rating					Overall LMA Rating							
M *					U							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation					1.04		1.04	17.53	1.04		1.04	17.53
Encroachments					0.01		0.01	0.17	0.01		0.01	0.17
Animal Control	0.01	0.01	0.05	0.84	0.03	0.02	0.11	1.85	0.02	0.01	0.06	1.01
Slope Stability	0.01		0.01	0.17	0.02		0.02	0.34	0.01		0.01	0.17
Erosion / Bank Caving	0.01	0.01	0.05	0.84	0.01	0.01	0.05	0.84				0.00
Crown Surface / Depressions / Rutting					0.01		0.01	0.17	0.01		0.01	0.17
Operations & Maintenance Manuals	0.06		0.06	1.01	0.06		0.06	1.01				0.00
Emergency Supplies & Equipment	0.06		0.06	1.01	0.06		0.06	1.01				0.00
Flood Preparedness & Training	0.06		0.06	1.01	0.06		0.06	1.01				0.00
<i>Supplemental</i>												
USACE Erosion Survey	0.03		0.03	0.51	0.05		0.05	0.84	0.02		0.02	0.34
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	0.24	0.02	0.32	5.39 *	1.35	0.03	1.47	24.78	1.11	0.01	1.15	19.38

\* 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 537

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

**Unit No. 01 Sacramento River, RB**

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
SAC_62-9_R	62.90	4.27	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	Inactive	10/10/2014	U
West Sacramento - SacYolo South	60.45	Inactive	07/24/2015	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 waterside erosion caused by 2 large trees on Levee Unit 1, on the north side of Monument Bend. The Agency also mentioned sloughing on Levee Unit 2, where the surface has collapsed 5 to 10 inches at some places. The Agency also reported a boil at Levee Unit 2 when the Sacramento Weir is spilling, 30 feet east of the North 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 erosion on the waterside of Levee Unit 1 at Monument Bend off Old River Road and mentioned cracks can be seen on the county road. The Agency also reported a boil at Levee Unit 2, 30 feet east of the North Pump Station, when the Sacramento Weir is spilling.

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

The Agency provided a summary of accomplished maintenance activities. Activities include brush clearing, grass mowing, rodent baiting, tree trimming, and vegetation spraying.

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

The Agency provided a summary of expenses and maintenance activities for all levee units. Expenses include costs of administration, direct fees, ditch maintenance, equipment maintenance, fuel, insurance, legal, levee maintenance, management, office overhead, professional fees, salaries, and utilities. The reported total estimated cost for the current fiscal year is \$264,360.

**Part 5 Any other readily available information contained in the 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 are no additional observations or comments to report on Part 5.

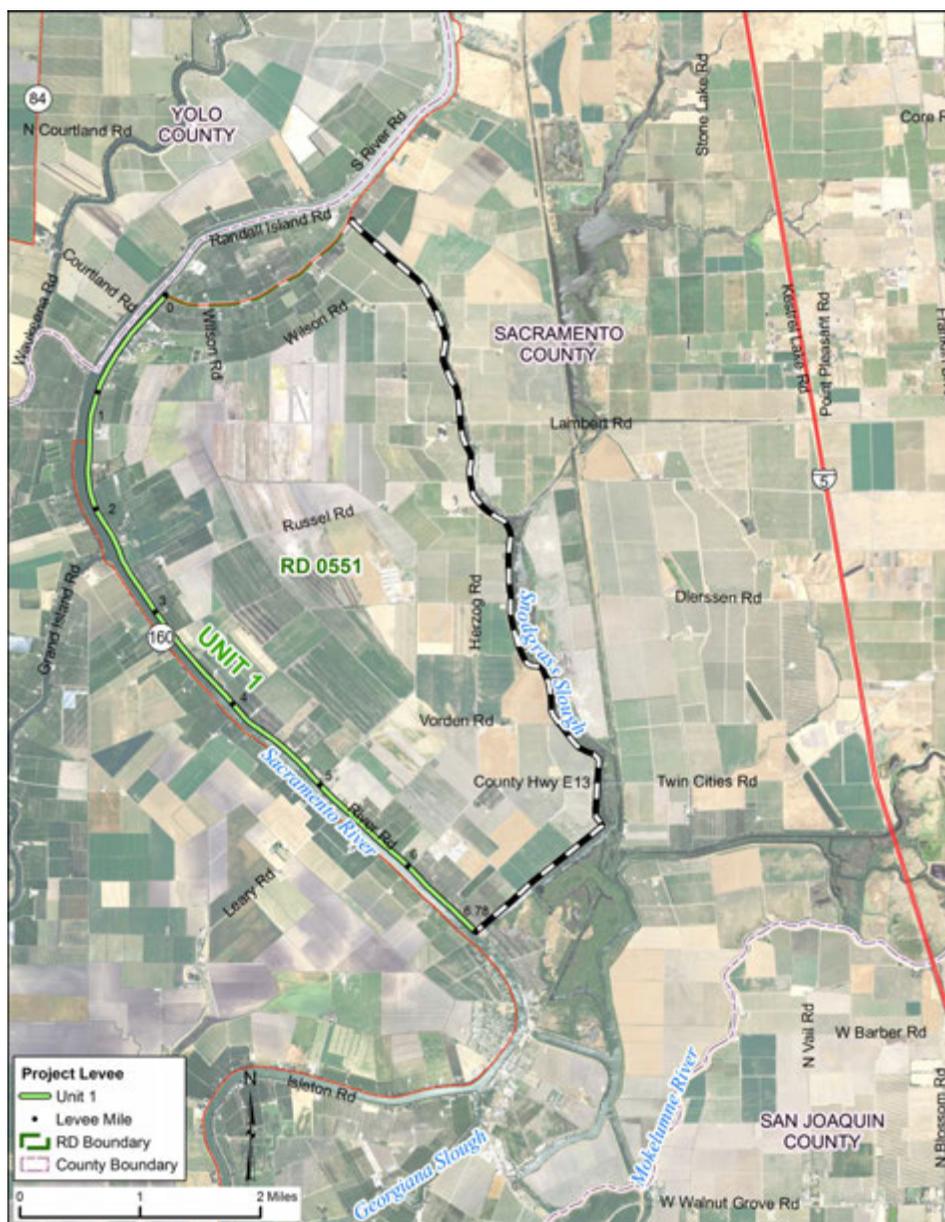
# Reclamation District No. 0551 Pearson

Sacramento County

RD 551

**Contact**

Topper Van Loben Sels  
President  
P.O Box 123  
Walnut Grove CA 95690  
Phone: (916) 776-1223



LMA Short Name : RD0551	Bank	Unit Length (Miles)
Unit No. 01 Sacramento River	LB	6.78

**Threat Assessment & Recommendations**

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

**DWR Levee Inspection Summary**

<b>RD0551</b>	Total LMA Miles		<b>6.78</b>									
	<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>			
	Overall LMA Rating				Overall LMA Rating							
	<b>U</b>				<b>A</b>							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	6.78		6.78	<b>99.94</b>					-6.78		-6.78	<b>-99.94</b>
Trim / Thin Trees	0.01		0.01	<b>0.15</b>	0.01		0.01	<b>0.15</b>				<b>0.00</b>
Encroachments					0.01		0.01	<b>0.15</b>	<b>0.01</b>		<b>0.01</b>	<b>0.15</b>
<i>Supplemental</i>												
DWR UCIP Field Study												<b>0.00</b>
<i>LMA Totals:</i>	6.79	0.00	6.79	<b>100.08</b>	0.02	0.00	0.02	<b>0.30</b>	-6.77	0.00	-6.77	<b>-99.79</b>

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

RD 551

**USACE 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

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	Inactive	07/22/2014	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 information on the condition or performance of Levee Unit 1 and non-Project 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 there is no new information on conditions that might impair or compromise the level of flood protection of Levee Unit 1 and non-Project 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 on both Project and non-Project levee units. Activities include engineering, livestock grazing, mowing, rodent baiting, spraying, and tree trimming. The Agency also reported actions taken at Levee Unit 1 on inspection items listed by DWR in the inspection report. The actions taken include corrected issues for encroachment 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 planned maintenance activities for both Project and non-Project levee units. Expenses include costs of engineering, erosion repair, inspections, livestock grazing, mowing, road repair, rodent baiting, spraying, and tree trimming. The reported total estimated cost for the current fiscal year is \$75,000 for Levee Unit 1 and \$14,500 for non-Project Levee Unit 1.

**Part 5 Any other readily available information contained in the 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 Part 5.

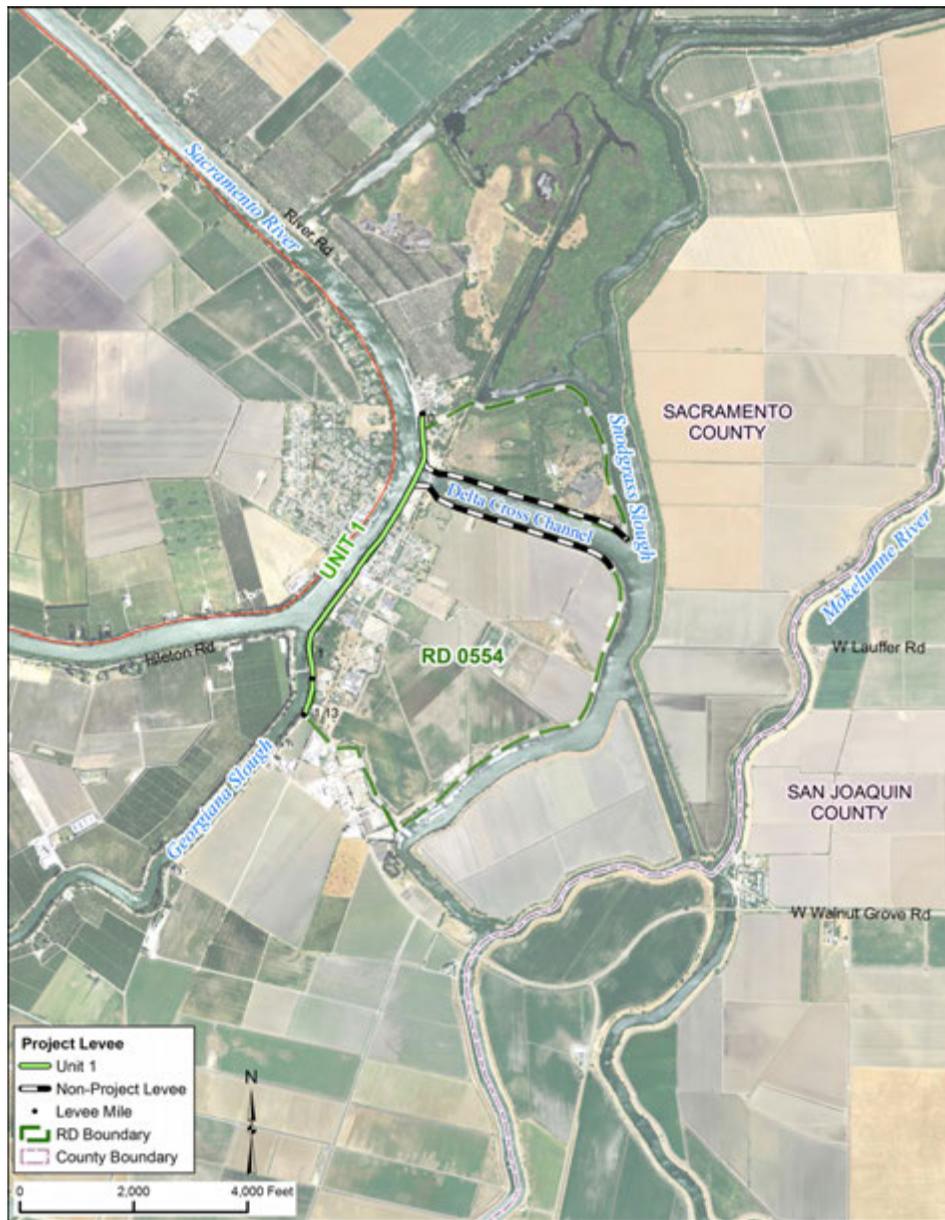
# Reclamation District No. 0554 Walnut Grove

Sacramento County

RD 554

**Contact**

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



LMA Short Name : RD0554	Bank	Unit Length (Miles)
Unit No. 01 Sacramento River	LB	1.13

**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**

<b>RD0554</b>	Total LMA Miles		<b>1.13</b>									
	<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>			
	Overall LMA Rating				Overall LMA Rating							
	<b>U</b>				<b>U</b>							
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	<b>13.32</b>	0.65		0.65	<b>57.74</b>	<b>0.50</b>		<b>0.50</b>	<b>44.41</b>
Trim / Thin Trees		0.16	0.64	<b>56.85</b>		0.04	0.16	<b>14.21</b>		-0.12	-0.48	<b>-42.64</b>
Erosion / Bank Caving		0.02	0.08	<b>7.11</b>		0.02	0.08	<b>7.11</b>				<b>0.00</b>
<i>Supplemental</i>												
USACE Erosion Survey	0.09		0.09	<b>7.99</b>	0.10		0.10	<b>8.88</b>	<b>0.01</b>		<b>0.01</b>	<b>0.89</b>
DWR UCIP Field Study												<b>0.00</b>
<i>LMA Totals:</i>	0.24	0.18	0.96	<b>85.27</b>	0.75	0.06	0.99	<b>87.94</b>	<b>0.51</b>	-0.12	<b>0.03</b>	<b>2.66</b>

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

RD 554

**USACE 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

**Unit No. 01 Sacramento River, LB**

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
SAC_27-0_L	27.00	0.26	0.36	eroding	M

**USACE Inspection Ratings Summary**

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 0551 and RD 0755 - Pierson District	9.58	Inactive	07/22/2014	U
RD 0563 - Tyler Island	13.00	Inactive	09/08/2014	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 toe erosion on the waterside slope at Levee Unit 1, LM 0.71 to 0.90, was revealed by a bathymetric survey in 2013. The Agency also reported bank erosion and loss of revetment at Levee Unit 1, LM 0.71.

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

The Agency reported erosion of the levee toe at -25 feet elevation and noted that the erosion could lead to upper slope sloughing at Levee Unit 1, LM 0.71 to 0.90.

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

The Agency provided a summary of accomplished maintenance activities. Activities include vegetation control. Additionally, the Agency reported surveying and engineering planning for non-Project Levee Unit 3.

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

The Agency reported a summary of estimated cost and planned maintenance activities for Project and non-Project levees. Expenses include costs of debris removal, erosion repair, engineering and surveying, restoration, seepage control, rodent control, tree trimming, and vegetation control. The reported total estimated cost for the current fiscal year is \$153,000.

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

The Agency reported that a Geotechnical Study of all levee units is currently underway, and it is expected to be completed in 2016. The Agency also reported that a bathymetric survey is being done on Levee Unit 1 and on non-Project Levee Unit 3.

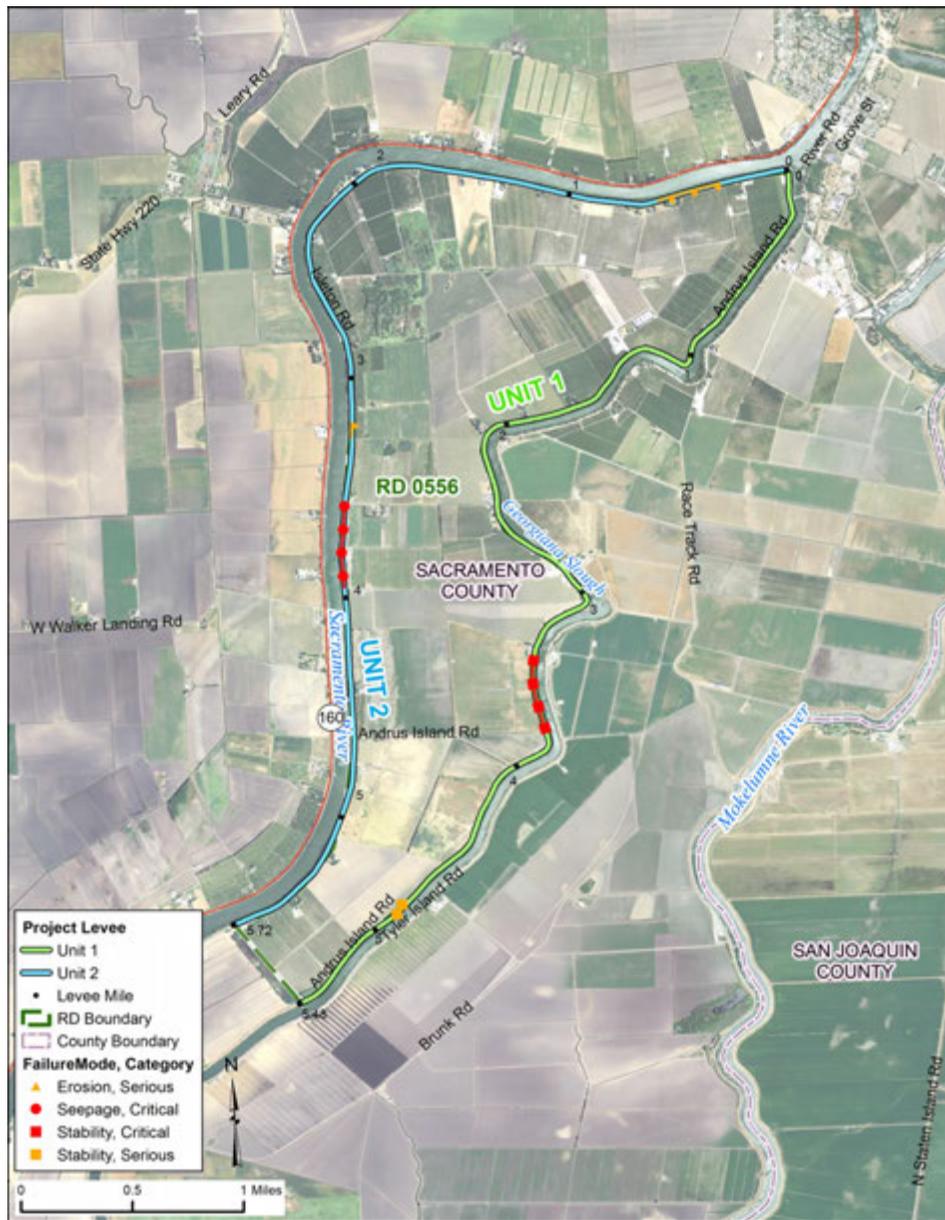
# Reclamation District No. 0556 Upper Andrus

**Sacramento County**

**Contact**

Duwain Silva  
President  
P. O. Box 705  
Walnut Grove CA 95690  
Phone: (916) 776-1551

RD 556



RD 556

LMA Short Name : RD0556		Bank	Unit Length (Miles)
Unit No. 01	Georgiana Slough	RB	5.48
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 focus more on controlling woody vegetation.
- The LMA should enhance its rodent control program.

**DWR Levee Inspection Summary**

Rated Item	Total LMA Miles		11.20									
	Fall 2014				Fall 2015				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	46.06	5.09	66.42	593.01	3.43	13.01	55.47	495.25	-42.63	7.92	-10.95	-97.76
Trim / Thin Trees	6.73	2.94	18.49	165.08	2.74	1.05	6.94	61.96	-3.99	-1.89	-11.55	-103.12
Encroachments		0.01	0.04	0.36		0.02	0.08	0.71		0.01	0.04	0.36
Animal Control	3.63	0.01	3.67	32.77	3.34		3.34	29.82	-0.29	-0.01	-0.33	-2.95
Erosion / Bank Caving	0.06		0.06	0.54	0.02		0.02	0.18	-0.04		-0.04	-0.36
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	1.03		1.03	9.20	1.32		1.32	11.79	0.29		0.29	2.59
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	57.85	8.05	90.05	803.98	11.19	14.08	67.51	602.74	-46.66	6.03	-22.54	-201.24

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

RD 556

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary >>> DRAFT DATA <<<**

**Unit No. 01 Georgiana Slough, RB**

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
GEO_7-0_R	7.00	5.12	5.27	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	under construction	M
SAC_25-2_L	25.20	1.03	1.15	eroding	M
SAC_24-8_L	24.80	1.45	1.59	eroding	M
SAC_23-3_L	23.30	2.93	3.04	eroding	M
SAC_23-2_L	23.20	3.17	3.28	eroding	M
SAC_22-7_L	22.70	3.58	3.64	eroding	M
SAC_22-5_L	22.50	3.95	4.12	eroding	M
SAC_21-9_L	21.90	4.45	4.49	eroding	M
SAC_21-5_L	21.50	4.77	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	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
USACE_CESPK_UPA1_2011_p_0143	Critical	Stability	3.75	3.43	Right	38.203400	-121.540990
USACE_CESPK_UPA1_2011_p_0056	Serious	Stability	4.84		Right	38.192360	-121.553700

**Unit No. 02 Sacramento River**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
DWR_RD0556_02_s_2012_25	Serious	Erosion	0.31	0.60	Left	38.238784	-121.523932
DWR_RD0556_02_s_2012_29	Serious	Erosion	3.21	3.28	Left	38.224142	-121.555377
DWR_RD0556_02_R_2012_03	Critical	Seepage	3.57	3.95	Left	38.218950	-121.556300

**DWR Summary of Local Maintaining Agency Report**

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

The Agency reported berm erosion at locations where the river changes direction. The Agency also reported 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 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 accomplished maintenance activities. Activities include vegetation 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 benefit assessment, engineering reports, administrative and management, and miscellaneous. The reported total estimated cost for the current fiscal year is \$65,000.

**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 erosion project on Levee Unit 2, LM 0.65, is near completion and noted that this project could impact unprotected upstream and downstream levee banks.

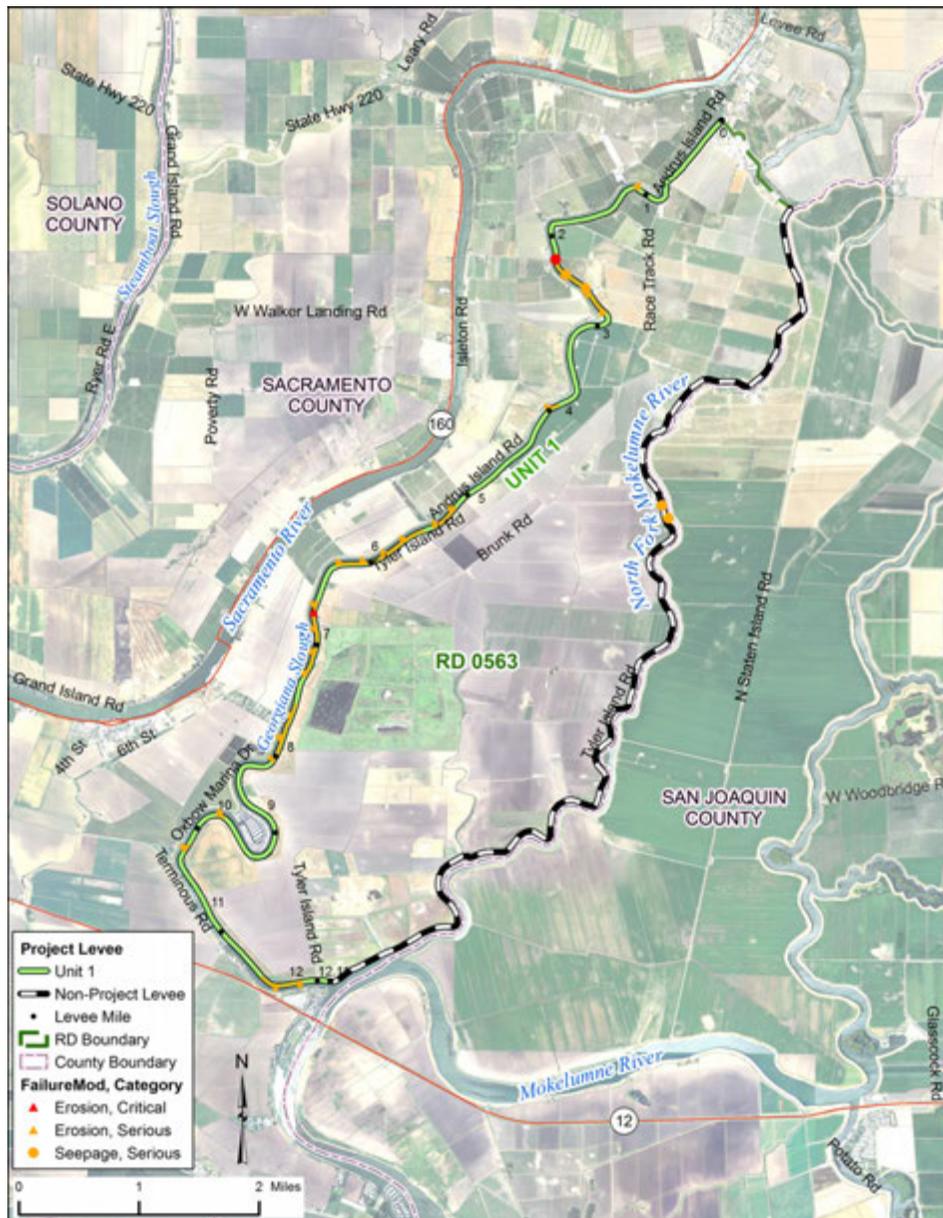
RD 556

# Reclamation District No. 0563 Tyler Island

**Sacramento County**

**Contact**

Steven Mello  
President  
P.O 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	12.11

**Threat Assessment & Recommendations**

- The crown roadway in this Area may not be able to be driven in all types of weather.
- There is vegetation that significantly impacts access and visibility in this Area.
- There is a significant erosion site in this Area that should be monitored.
- There is woody vegetation that significantly impacts access and visibility in this Area.
- 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 focus on repairing erosion sites.
- The LMA should focus more on controlling woody vegetation.

**DWR Levee Inspection Summary**

Rated Item	Total LMA Miles		12.11									
	Fall 2014				Fall 2015				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	6.28	0.86	9.72	80.29	0.34	1.54	6.50	53.69	-5.94	0.68	-3.22	-26.60
Trim / Thin Trees	0.46	0.05	0.66	5.45	0.43	0.23	1.35	11.15	-0.03	0.18	0.69	5.70
Encroachments	0.10	0.01	0.14	1.16	0.09	0.02	0.17	1.40	-0.01	0.01	0.03	0.25
Animal Control	0.28		0.28	2.31	0.16	0.02	0.24	1.98	-0.12	0.02	-0.04	-0.33
Slope Stability	0.06	0.01	0.10	0.83	0.06	0.01	0.10	0.83				0.00
Erosion / Bank Caving	0.02		0.02	0.17	0.02		0.02	0.17				0.00
Crown Surface / Depressions / Rutting	9.91		9.91	81.86	9.76		9.76	80.62	-0.15		-0.15	-1.24
<i>Supplemental</i>												
USACE Erosion Survey	3.25	0.51	5.29	43.70	3.46	0.51	5.50	45.43	0.21		0.21	1.73
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	20.36	1.44	26.12	215.77	14.32	2.33	23.64	195.28	-6.04	0.89	-2.48	-20.49

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

**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	1.02	1.11	eroding	M
GEO_9-3_L	9.30	2.61	2.82	eroding	M
GEO_8-3_L	8.30	3.91	4.01	eroding	M
GEO_7-2_L	7.20	4.98	5.04	eroding	M
GEO_6-8_L	6.80	5.15	5.39	critical	U
GEO_6-3_L	6.30	5.49	6.27	eroding	M
GEO_5-8_L	5.80	6.38	6.46	eroding	M
GEO_5-3_L	5.30	6.64	7.28	eroding	M
GEO_4-5_L	4.50	7.53	7.80	critical	U
GEO_4-3_L	4.30	7.85	8.05	eroding	M
GEO_3-8_L	3.80	8.12	8.59	eroding	M
GEO_2-5_L	2.50	9.73	9.90	eroding	M
GEO_2-0_L	2.00	10.15	10.27	repaired	C
GEO_1-7_L	1.70	10.45	10.74	eroding	M
GEO_0-3_L	0.30	11.51	11.86	eroding	M

**USACE Inspection Ratings Summary**

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 0563 - Tyler Island	13.00	Inactive	09/08/2014	M

**DWR Flood System Repair Project Summary**

N/A

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
DWR_RD0556_01_R_2012_01	Serious	Seepage			Right	38.186710	-121.525750
DWR_RD0556_01_R_2012_02	Serious	Seepage			Right	38.188220	-121.526697

**Unit No. 01 Georgiana Slough (Tyler Island)**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
DWR_RD0563_01_s_2012_38	Serious	Erosion	1.08	1.11	Left	38.226946	-121.530010
DWR_RD0563_01_R_2012_05	Serious	Seepage	2.19	2.57	Left	38.218550	-121.542700
130-137	Critical	Seepage	2.21		Left	38.218180	-121.542730
DWR_RD0563_01_s_2012_39	Serious	Erosion	2.61	2.82	Left	38.214133	-121.537778
DWR_RD0563_01_s_2012_40	Serious	Erosion	3.91	4.01	Left	38.200733	-121.542571
DWR_RD0563_01_s_2012_42	Serious	Erosion	5.15	5.39	Left	38.188216	-121.558442
DWR_RD0563_01_s_2012_43	Serious	Erosion	5.49	6.27	Left	38.185479	-121.563296
DWR_RD0563_01_R_2012_01	Critical	Erosion	6.74		Left	38.175350	-121.580030
DWR_RD0563_01_s_2012_46	Serious	Erosion	7.85	8.59	Left	38.160261	-121.585056
DWR_RD0563_01_s_2012_49	Critical	Erosion	9.73	9.78	Left	38.150820	-121.593650
DWR_RD0563_01_s_2012_51	Serious	Erosion	10.15	10.21	Left	38.147537	-121.599433
DWR_RD0563_01_s_2012_55	Serious	Erosion	11.51	11.80	Left	38.131126	-121.588340

**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 routine maintenance is ongoing and noted encroachment enforcement remains an ongoing process that is leading to varied success.

**Part 2 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 accomplished maintenance activities. Activities include encroachment control, visual inspections, erosion repairs, rodent baiting and hole grouting, 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 mentioned an active ongoing program in place and provided estimated budget for the routine maintenance based on prior year's expenditure. The reported total estimated budget for the fiscal year is \$111,400.

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

# Reclamation District No. 0755 Randall

**Sacramento County**

**Contact**

Douglas Hemly  
Trustee  
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	1.83

**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 backfilling rodent holes.

**DWR Levee Inspection Summary**

Rated Item	Total LMA Miles		Fall 2014		Fall 2015				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	1.94	1.11	6.38	347.79	0.15	2.56	10.39	566.39	-1.79	1.45	4.01	218.60
Trim / Thin Trees	0.01		0.01	0.55					-0.01		-0.01	-0.55
Animal Control	1.35		1.35	73.59	1.34		1.34	73.05	-0.01		-0.01	-0.55
Erosion / Bank Caving	0.01		0.01	0.55	0.01		0.01	0.55				0.00
Operations & Maintenance Manuals	0.02		0.02	1.09	0.02		0.02	1.09				0.00
Emergency Supplies & Equipment	0.02		0.02	1.09	0.02		0.02	1.09				0.00
Flood Preparedness & Training	0.02		0.02	1.09	0.02		0.02	1.09				0.00
<i>Supplemental</i>												
2015 USACE Erosion Survey, DRAFT					0.08		0.08	4.36	0.08		0.08	4.36
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	3.37	1.11	7.81	425.74	1.64	2.56	11.88	647.61	-1.73	1.45	4.07	221.87

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary >>> DRAFT DATA <<<**

**Unit No. 01 Sacramento River, LB**

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
SAC_35-4_L	35.40	1.24	1.32	eroding	M

**USACE Inspection Ratings Summary**

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 0551 and RD 0755 - Pierson District	9.58	Inactive	07/22/2014	U

**DWR Flood System Repair Project Summary**

**Unit No. 01 Sacramento River**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
131-2014	Critical	Seepage	0.14		Left	38.346922	-121.538156

**DWR Summary of Local Maintaining Agency Report**

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

The Agency stated that there is no new information to report on Part 1.

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

The Agency stated that there is no new information to report on Part 2.

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

The Agency provided a summary of accomplished maintenance activities. Activities include inspections, patrolling, 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. Expenses include costs of inspections, mowing, rodent control, and tree trimming and thinning. The reported total estimated cost for the current 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 stated that there is no new information to report on Part 5.

# Reclamation District No. 0765 Glide

## Yolo County

### **Contact**

David Dickson  
Secretary  
3435 China Hat Island Rd  
West Sacramento CA 95691  
Phone: (602) 312-8488



LMA Short Name : RD0765		Bank	Unit Length (Miles)
Unit No. 01	Sacramento River	RB	1.72

**Threat Assessment & Recommendations**

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

<b>RD0765</b>																
		Total LMA Miles		<b>1.72</b>												
		<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>						
		Overall LMA Rating				Overall LMA Rating										
		<b>U</b>				<b>U</b>										
Rated Item	M Miles		U Miles		M+4U Miles		Thresh. %		M Miles		U Miles		M+4U Miles		Thresh. %	
	<i>Earthen Levee</i>															
Vegetation	0.19	0.01	0.23	<b>13.36</b>	0.12	3.09	12.48	<b>724.72</b>	-0.07	3.08	12.25	<b>711.36</b>				
Trim / Thin Trees	0.36		0.36	<b>20.91</b>	0.19		0.19	<b>11.03</b>	-0.17		-0.17	<b>-9.87</b>				
Encroachments	0.02		0.02	<b>1.16</b>	0.06		0.06	<b>3.48</b>	0.04		0.04	<b>2.32</b>				
Erosion / Bank Caving						0.01	0.04	<b>2.32</b>		0.01	0.04	<b>2.32</b>				
Emergency Supplies & Equipment	0.02		0.02	<b>1.16</b>	0.02		0.02	<b>1.16</b>				<b>0.00</b>				
Flood Preparedness & Training	0.02		0.02	<b>1.16</b>	0.02		0.02	<b>1.16</b>				<b>0.00</b>				
<i>Supplemental</i>																
DWR UCIP Field Study																<b>0.00</b>
<i>LMA Totals:</i>	0.60	0.01	0.64	<b>37.17</b>	0.40	3.10	12.80	<b>743.30</b>	-0.20	3.09	12.16	<b>706.14</b>				

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

No Supplemental Erosion Sites.

**USACE Inspection Ratings Summary**

System Name	Length (Miles)	RIP Status	RIP Date	Rating
West Sacramento - SacYolo South	60.45	Inactive	07/24/2015	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 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 accomplished maintenance activities. Activities include inspections 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 costs of levee patrolling, goat grazing, tree trimming, and vegetation mowing. The reported total estimated cost for the current fiscal year is \$11,000.

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

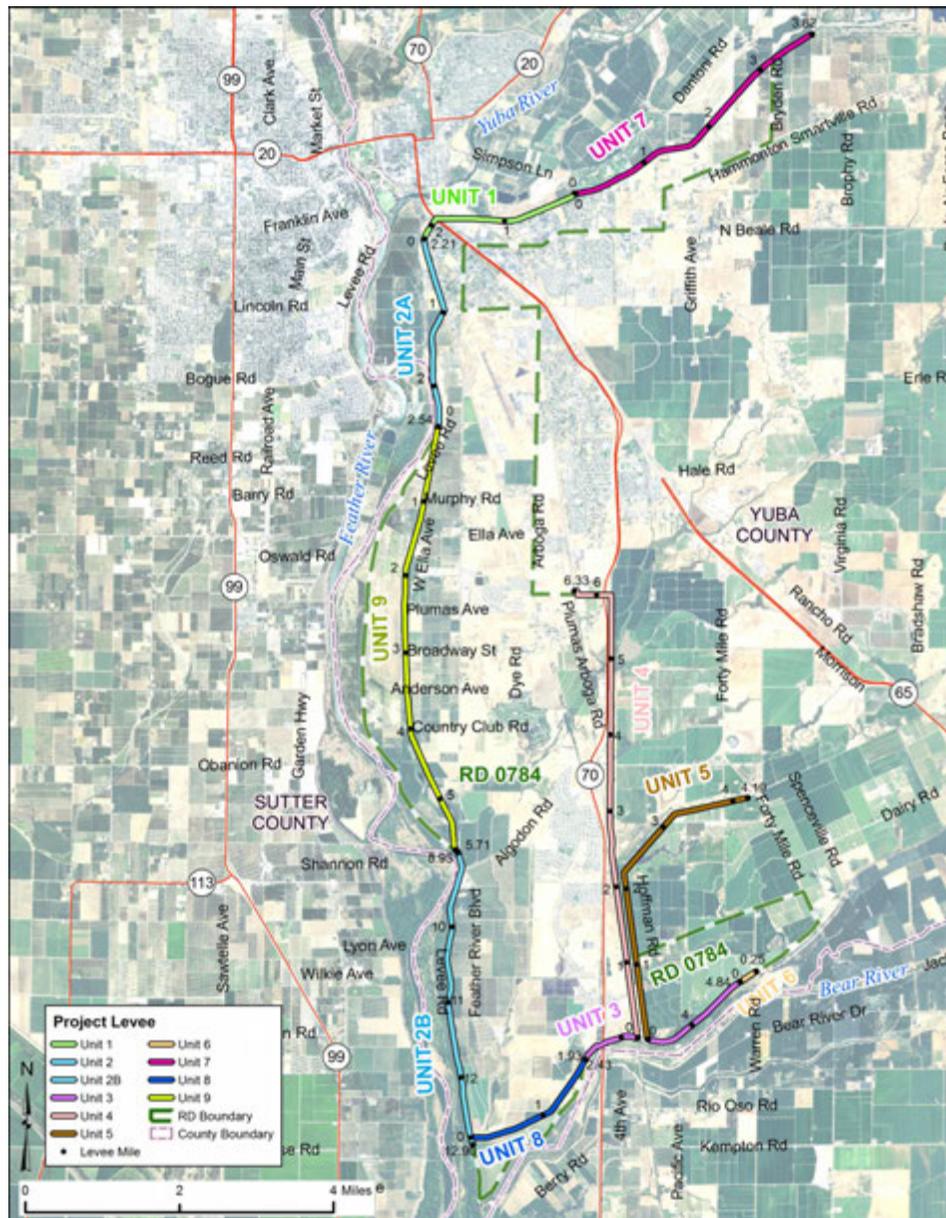
The Agency reported that there is no new information relevant to the condition or performance of the levee.

# Reclamation District No. 0784 Plumas Lake

**Yuba County**

**Contact**

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



LMA Short Name : RD0784		Bank	Unit Length (Miles)
Unit No. 01	Yuba River	LB	2.21
Unit No. 02A	Feather River	LB	2.54
Unit No. 02B	Feather River	LB	3.95
Unit No. 03A	Bear River	RB	0.78
Unit No. 03B	Bear River	RB	1.49
Unit No. 04	Interceptor Canal	RB	6.33
Unit No. 05	Interceptor Canal	LB	4.19
Unit No. 06	South Dry Creek	RB	0.25
Unit No. 07	Yuba River	LB	3.82
Unit No. 08	Three Rivers	RB	1.93
Unit No. 09	Feather River	LB	5.71

**Threat Assessment & Recommendations**

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

**DWR Levee Inspection Summary**

Rated Item	Total LMA Miles		Fall 2014		Fall 2015				Change			
	33.20		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	0.03					-0.01		-0.01	-0.03
<i>Supplemental</i>												
USACE Erosion Survey	0.43		0.43	1.30	0.44		0.44	1.33	0.01		0.01	0.03
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	0.44	0.00	0.44	1.33	0.44	0.00	0.44	1.33	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 2015 Sacramento River Erosion Summary >>> DRAFT DATA <<<**

**Unit No. 02A 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. 03A Bear River, RB**

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
BER_4-9_R	4.90	10.36	10.40	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	U

**DWR Flood System Repair Project Summary**

**Unit No. 04 Interceptor Canal**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
FSRP-15-1	Serious	Stability			left	39.027760	-121.540940

**Unit No. 05 Interceptor Canal**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
FSRP-15-30	Serious	Erosion	2.47		Left	39.008994	-121.535679

**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 completed seepage berm improvements by Three Rivers Levee Improvement Authority on Levee Unit 2B and planned seepage berm improvements on Levee Unit 1, LM 1.35 to LM 1.77. The Agency also reported ongoing vegetation control activities on all levee units. Activities include burning, sheep and goat grazing, and slope dragging.

**Part 2 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 due to a fallen off concrete weir structure at the end of a pipe crossing on Levee Unit 5, LM 2.47.

**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 all levee units. Activities include access gate maintenance and repair, burning, erosion repair, flap gate inspections, levee inspections, maintenance equipment repair, mowing, pipe fencing construction, placement of concrete blocks, placement of gravel, relief well testing and maintenance, roadway maintenance, rodent baiting, rodent hole grouting, sheep and goat grazing, slope dragging, spraying, telemetry maintenance, and tree trimming and removal.

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

The Agency provided a summary of expenses and planned maintenance activities for all levee units. Expenses include costs equipment, insurance, professional fees, pump station maintenance, rodent control, salaries, and vegetation control. The reported total estimated cost for the current fiscal year is \$689,160.

**Part 5 Any other readily available information contained in the 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 utility crossing investigations and pipe camera inspections on Levee Units 1, 2A, 2B, 3A, and 9.

RD 784

# Reclamation District No. 0785 Driver

**Yolo County**

**Contact**

Ross Peabody  
President  
20040 Old River Road  
West Sacramento CA 95691  
Phone: (916) 731-8088



LMA Short Name : RD0785		Bank	Unit Length (Miles)
Unit No. 01	Sacramento River	RB	2.26
Unit No. 02	Yolo Bypass	LB	3.31

**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		5.57		Fall 2014				Fall 2015				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		1.16	20.84	7.67		7.67	137.77	6.51		6.51	116.93				
Trim / Thin Trees	0.01		0.01	0.18	0.02		0.02	0.36	0.01		0.01	0.18				
Animal Control	0.05		0.05	0.90	0.05		0.05	0.90				0.00				
Slope Stability	0.04		0.04	0.72	0.06		0.06	1.08	0.02		0.02	0.36				
Erosion / Bank Caving	0.02		0.02	0.36	0.01		0.01	0.18	-0.01		-0.01	-0.18				
Operations & Maintenance Manuals	0.06		0.06	1.08					-0.06		-0.06	-1.08				
Emergency Supplies & Equipment	0.06		0.06	1.08					-0.06		-0.06	-1.08				
Flood Preparedness & Training	0.06		0.06	1.08					-0.06		-0.06	-1.08				
<i>Supplemental</i>																
DWR UCIP Field Study												0.00				
<i>LMA Totals:</i>	1.45	0.00	1.45	26.05	7.81	0.00	7.81	140.28	6.36	0.00	6.35	114.24				

RD 785

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

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	Inactive	10/10/2014	U

**DWR Flood System Repair Project Summary**

**Unit No. 02 Yolo Bypass**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
DWR_RD0785_02_s_2012_30	Serious	Erosion	2.21		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)**

The Agency reported vegetation issues on 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 freeboard deficiency on Levee Unit 1, LM 0.00.

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

The Agency provided actions taken on inspection items listed by DWR in the inspection report. The actions taken include active ongoing programs in place, corrected, pending, low priority, and work in progress for animal control, encroachments, erosion, and slope stability issues.

**Part 4 A statement of work and estimated cost for operation 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 active ongoing maintenance program in place. The reported total estimated cost for the current fiscal year is \$58,000.

**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 plans for reconstructing the levee crown are moving forward.

# Reclamation District No. 0787 Fair

## Yolo County

### **Contact**

Roger Cornwell  
General Manager  
41758 County Road 112  
Knights Landing CA 95645  
Phone: (530) 735-6274



LMA Short Name : RD0787	Bank	Unit Length (Miles)
Unit No. 01 Colusa Basin Drain	LB	4.45

**Threat Assessment & Recommendations**

- There is vegetation that significantly impacts access and visibility in this Area.
- There is erosion occurring in this Area that should be monitored.
- 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**

<b>RD0787</b>	Total LMA Miles		<b>4.45</b>									
	<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>			
	Overall LMA Rating				Overall LMA Rating							
	<b>A</b>				<b>M</b>							
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					0.46		0.46	<b>10.34</b>	0.46		0.46	<b>10.34</b>
Flood Preparedness & Training	0.04		0.04	<b>0.90</b>	0.04		0.04	<b>0.90</b>				<b>0.00</b>
<i>Supplemental</i>												
USACE Erosion Survey	0.02		0.02	<b>0.45</b>	0.29		0.29	<b>6.52</b>	0.27		0.27	<b>6.07</b>
DWR UCIP Field Study												<b>0.00</b>
<i>LMA Totals:</i>	0.06	0.00	0.06	<b>1.35</b>	0.79	0.00	0.79	<b>17.76</b>	0.73	0.00	0.73	<b>16.42</b>

RD 787

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

**Unit No. 01 Colusa Basin Drain, LB**

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
CBD_0-5_L		0.39	0.50	eroding	M
CBD_0-9_L		0.67	0.85	eroding	M

**USACE Inspection Ratings Summary**

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Sacramento River west bank	119.72	Active	03/09/2015	U

**DWR Flood System Repair Project Summary**

**Unit No. 01 Colusa Basin Drain**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
USACE_CESPK_FAIR_2010_p_0044	Critical	Stability	1.47		Left	38.801010	-121.748380

**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 stated that there is no new information to report on Part 2.

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

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

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

The Agency provided a summary of expenses and planned maintenance activities. Expenses include costs of burning, rodent control, seeding of wild oats, slope dragging, and spraying. The reported total estimated cost for the current fiscal year is \$27,700.

**Part 5 Any other readily available information contained in the 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 Part 5.

RD 787

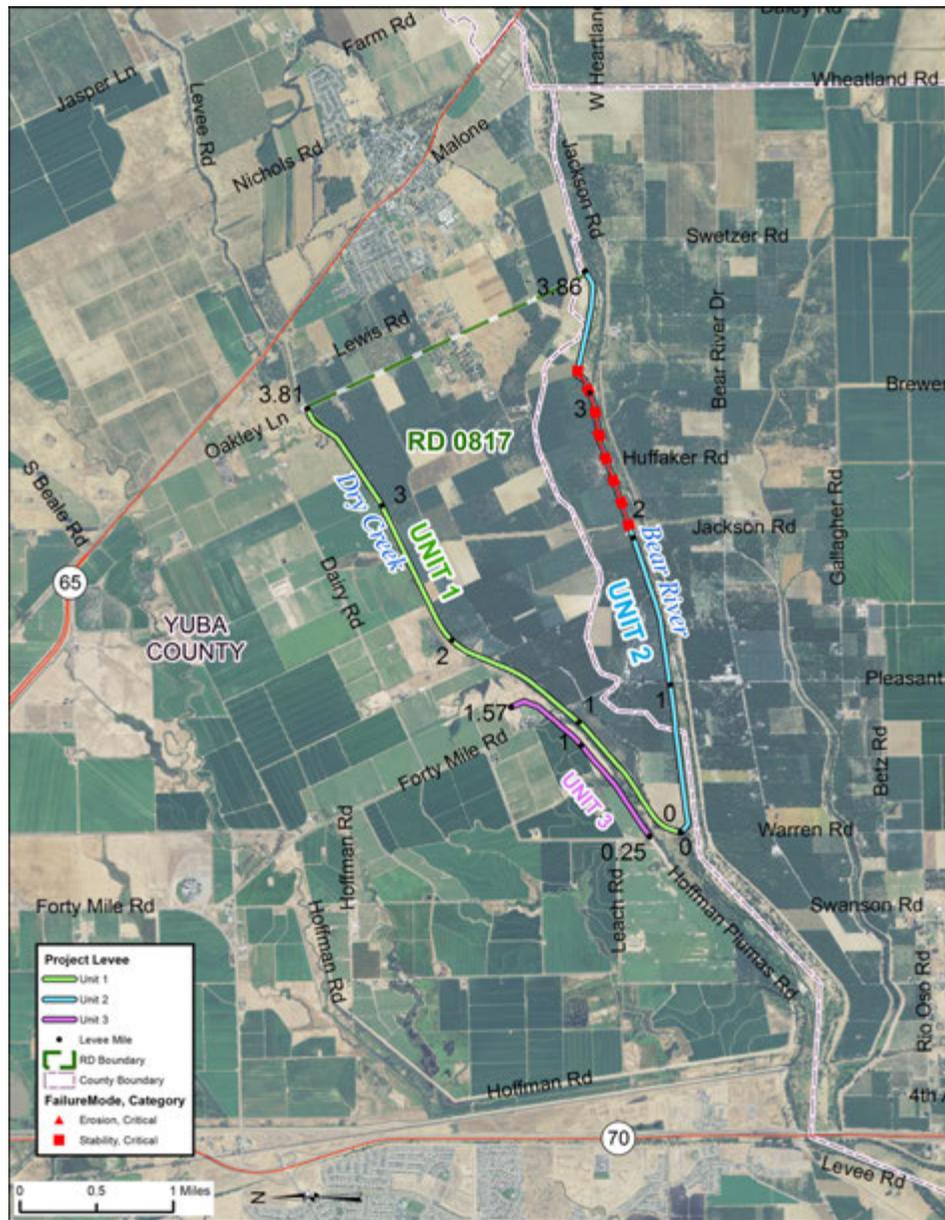
# Reclamation District No. 0817 Carlin

RD 817

**Yuba County**

**Contact**

Joe Conant  
President  
P.O Box 261  
Wheatland CA 95692-0261  
Phone: (530) 633-4319



LMA Short Name : RD0817		Bank	Unit Length (Miles)
Unit No. 01	South Dry Creek	LB	3.81
Unit No. 02	Bear River	RB	3.86
Unit No. 03	South Dry Creek	RB	1.32

**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		8.99		Fall 2014				Fall 2015				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		0.96	3.84	<b>42.71</b>	1.64	0.93	5.36	<b>59.62</b>	1.64	-0.03	1.52	<b>16.91</b>				
Trim / Thin Trees					0.01		0.01	<b>0.11</b>	0.01		0.01	<b>0.11</b>				
Animal Control		0.01	0.04	<b>0.44</b>						-0.01	-0.04	<b>-0.44</b>				
Slope Stability												<b>0.00</b>				
<i>Interior Drainage &amp; Piping Systems</i>																
Culverts: Inlets / Outlets	0.07		0.07	<b>0.78</b>					-0.07		-0.07	<b>-0.78</b>				
Culverts: Breaks / Holes / Cracks		0.02	0.08	<b>0.89</b>						-0.02	-0.08	<b>-0.89</b>				
<i>Supplemental</i>																
DWR UCIP Field Study												<b>0.00</b>				
<i>LMA Totals:</i>	0.07	0.99	4.03	<b>44.83</b>	1.65	0.93	5.37	<b>59.73</b>	1.58	-0.06	1.34	<b>14.90</b>				

RD 817

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary >>> DRAFT DATA <<<**

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	Inactive	07/22/2014	U

**DWR Flood System Repair Project Summary**

**Unit No. 02 Bear River**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
DWR_RD0817_02_s_2012_10	Critical	Stability	2.08	3.18	Right	38.989338	-121.468640
240-3	Critical	Erosion	2.72	2.74	Right	38.992170	-121.457332

**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 conditions and performance issues for all levee units. Issues for Levee Unit 1 include beaver dams, deteriorating or substandard pipes/crossings, a narrow bridge crossing at LM 1.13, excess channel and levee vegetation, levee geometry deficiencies, and sediment accumulation. Issues for Levee Unit 2 include erosion at LM 2.63 and 2.74, landscaping at LM 1.80 and 2.08, excess channel vegetation, narrow levee crown, sediment accumulation, and waterway migration. Issues for Levee Unit 3 include beaver dams, deteriorating or substandard pipes/crossings, a narrow bridge crossing at LM 1.28, excess channel and levee vegetation, and sediment accumulation.

**Part 2 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 Units 1 and 3 and noted that high water marks from 2006 flood event are at the levee crown elevation. The Agency also reported slope stability issues due to a narrow crown and steep slopes at Levee Unit 2 between LM 2.00 and 3.19. The Agency also reported burrow issues on 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 accomplished maintenance activities. Activities include roadway grading, rodent baiting and grouting, 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 planned maintenance activities 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 \$504,500. The Agency also reported that the district expects to complete and execute State cost share agreement 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 reported that there is no new information relevant to the condition or performance of the levee.

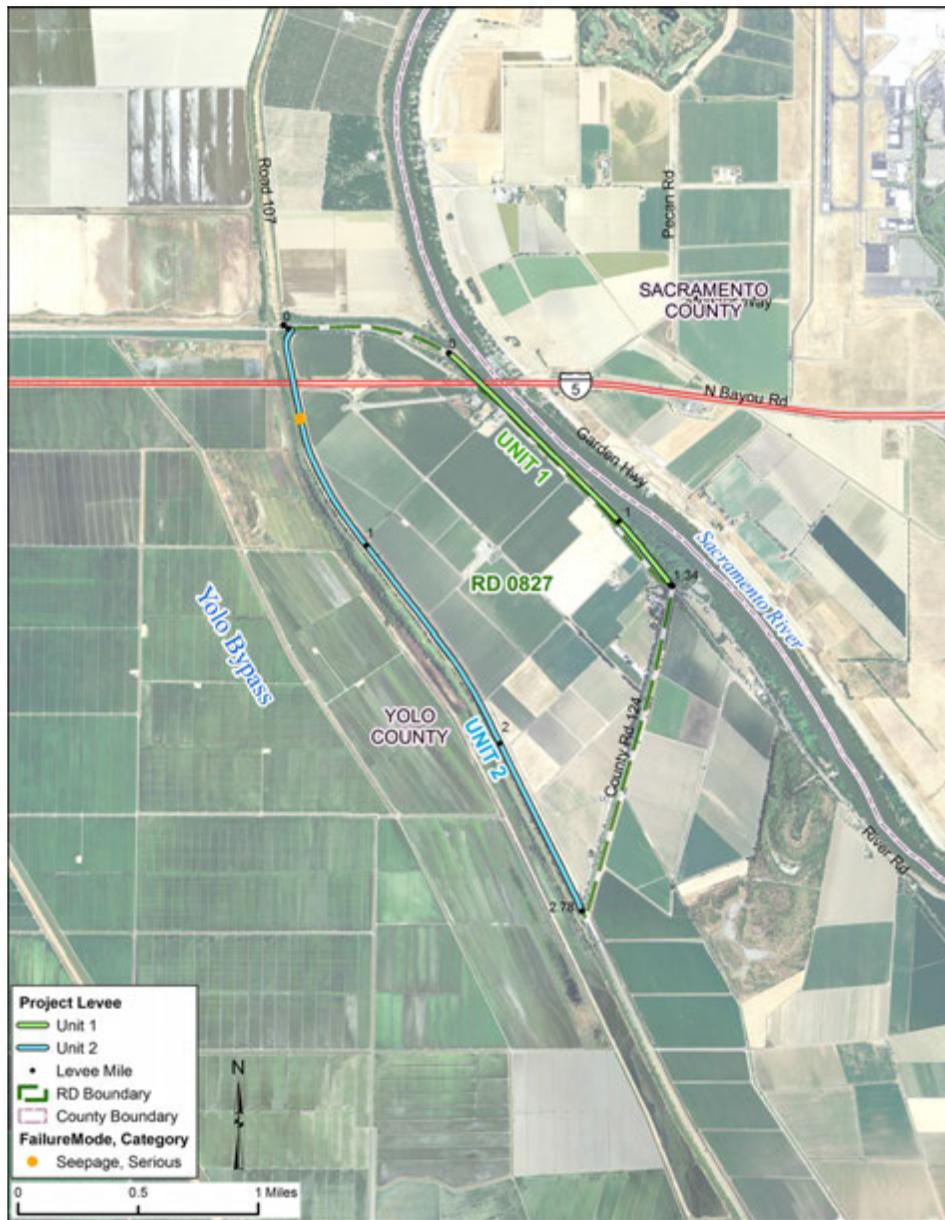
# Reclamation District No. 0827 Elkhorn

RD 827

**Yolo County**

**Contact**

Daniel Ramos  
President  
P.O Box 781  
West Sacramento CA 95691  
Phone: (916) 372-6170



LMA Short Name : RD0827		Bank	Unit Length (Miles)
Unit No. 01	Sacramento River	RB	1.34
Unit No. 02	Yolo Bypass	LB	2.78

**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**

<b>RD0827</b>	Total LMA Miles		<b>4.12</b>									
	<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>			
	Overall LMA Rating				Overall LMA Rating							
	<b>A</b>				<b>U</b>							
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					1.10		1.10	<b>26.68</b>	1.10		1.10	<b>26.68</b>
Animal Control					0.04		0.04	<b>0.97</b>	0.04		0.04	<b>0.97</b>
Slope Stability	0.01		0.01	<b>0.24</b>	0.02		0.02	<b>0.49</b>	0.01		0.01	<b>0.24</b>
Erosion / Bank Caving	0.01		0.01	<b>0.24</b>	0.01	0.01	0.05	<b>1.21</b>		0.01	0.04	<b>0.97</b>
Cracking												<b>0.00</b>
<i>Supplemental</i>												
DWR UCIP Field Study												<b>0.00</b>
<i>LMA Totals:</i>	0.02	0.00	0.02	<b>0.49</b>	1.17	0.01	1.21	<b>29.35</b>	1.15	0.01	1.19	<b>28.86</b>

RD 827

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

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	Inactive	10/10/2014	U

**DWR Flood System Repair Project Summary**

**Unit No. 02 Yolo Bypass**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
241-2010	Serious	Stability	0.43	0.40	Left	38.670762	-121.641842

**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 access gate issues on Levee Unit 1, LM 1.10, berm erosion on Levee Unit 1, LM 0.27 and LM 0.28, burrow holes in Levee Unit 2, LM 0.64, cracking along Levee Unit 2, LM 1.55 and LM 2.14, a landside ditch at the toe of Levee Unit 2, LM 0.01 to LM 0.53, landside swelling and cracking along the slope of Levee Unit 2, LM 2.31, railroad debris on Levee Unit 1, LM 0.25 and LM 0.43, and issues with weeds on both sides of Levee Unit 2, LM 0.15 to LM 2.74. The Agency also reported that a bulk of weeds has been removed from Levee Unit 1, LM 0.03.

**Part 2 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 cracking along the top of Levee Unit 2, LM 0.80 to LM 2.13, and slumping and caving along the waterside of Levee Unit 1, LM 0.27.

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

The Agency provided a summary of actions taken on inspection items listed by DWR in the inspection report. The actions include deficiency responses including pending, too wet to work, and work in progress for bank caving, cracking, encroachments, erosion, and 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**

The Agency provided a summary of expenses and planned maintenance activities for all levee units. Expenses include costs of goat grazing, miscellaneous and routine maintenance, and spraying. The reported total estimated cost for the current fiscal year is \$ 50,500.

**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 new information to report on Part 5.

RD 827

# Reclamation District No. 0900

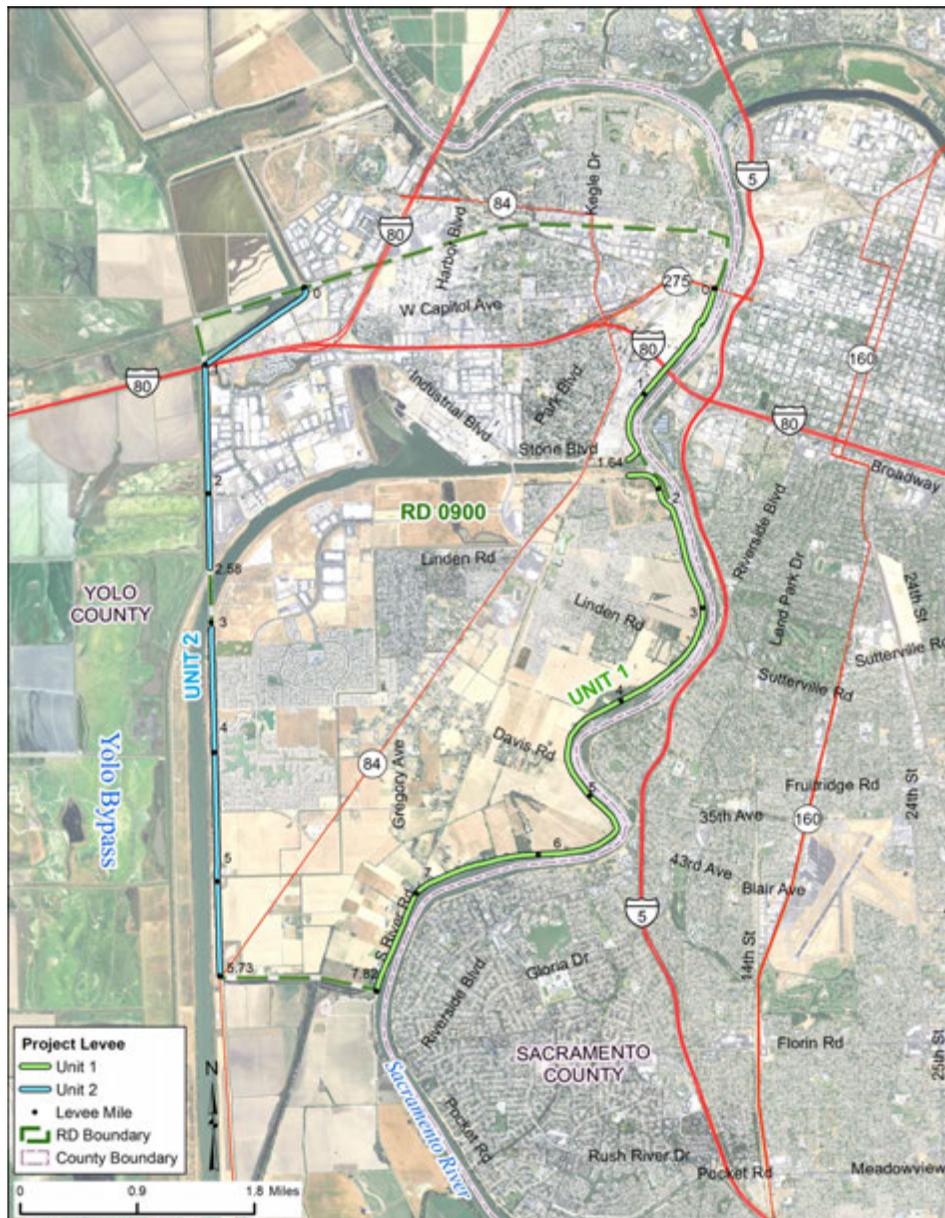
## West Sacramento

RD 900

**Yolo County**

**Contact**

Kenric Jameson  
Manager  
1420 Merkley Avenue #4  
West Sacramento CA 95691  
Phone: (916) 371-1483



LMA Short Name : RD0900		Bank	Unit Length (Miles)
Unit No. 01	Sacramento River	RB	7.70
Unit No. 02	Yolo Bypass	LB	5.26

**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**

<b>RD0900</b>	Total LMA Miles		<b>12.96</b>									
	<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>			
	Overall LMA Rating				Overall LMA Rating							
	<b>M</b>				<b>A</b>							
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	1.54		1.54	<b>11.88</b>	0.08		0.08	<b>0.62</b>	-1.46		-1.46	<b>-11.26</b>
Encroachments	0.04		0.04	<b>0.31</b>	0.05		0.05	<b>0.39</b>	0.01		0.01	<b>0.08</b>
Animal Control	0.01		0.01	<b>0.08</b>					-0.01		-0.01	<b>-0.08</b>
Slope Stability	0.01		0.01	<b>0.08</b>	0.01		0.01	<b>0.08</b>				<b>0.00</b>
<i>Supplemental</i>												
USACE Erosion Survey	0.23		0.23	<b>1.77</b>	0.42		0.42	<b>3.24</b>	0.19		0.19	<b>1.47</b>
DWR UCIP Field Study												<b>0.00</b>
<i>LMA Totals:</i>	1.83	0.00	1.83	<b>14.12</b>	0.56	0.00	0.56	<b>4.32</b>	-1.27	0.00	-1.27	<b>-9.80</b>

RD 900

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

**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	1.99	repaired	C
SAC_57-0_R	57.00	2.05	2.11	repaired	C
SAC_56-7_R	56.70	2.35	2.47	eroding	M
SAC_56-5_R	56.50	2.55	2.64	eroding	M
SAC_55-7_R	55.70	3.27	3.48	eroding	M

**USACE Inspection Ratings Summary**

System Name	Length (Miles)	RIP Status	RIP Date	Rating
West Sacramento - SacYolo South	60.45	Inactive	07/24/2015	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 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 on all levee units. Activities include rodent baiting and trapping. The Agency also provided action taken on inspection items listed by DWR in the inspection report. The actions taken include progress work for encroachment control, 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 planned maintenance activities for all levee units. Expenses include costs of rodent baiting and trapping and vegetation mowing and spraying. The reported total estimated cost for the current fiscal year is \$81,200.

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

The Agency reported construction of the Southport EIP is planned to begin in spring 2016. The Agency also reported that non-Project Levee Unit 1 is in the process of being admitted into the RIP and eligible for the PL 84-99 assistance, and it noted that this process should be completed by early 2016.

# Reclamation District No. 0999 Netherlands

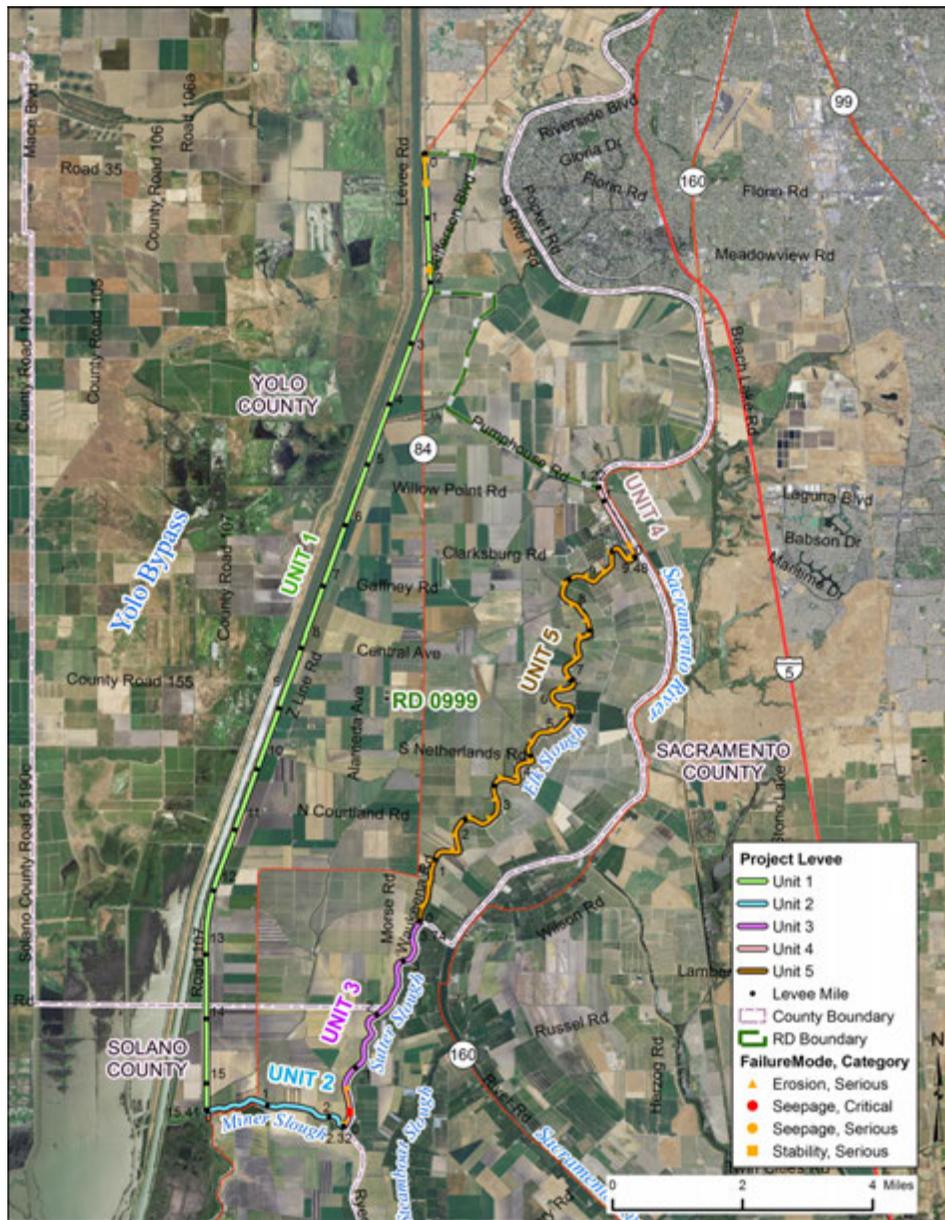
RD 999

## Yolo County

### **Contact**

Thomas Slater  
President  
38563 Netherlands Road  
Clarksburg CA 95612  
Phone: (916) 240-5610

RD 999



LMA Short Name : RD0999		Bank	Unit Length (Miles)
Unit No. 01	Yolo Bypass	LB	15.41
Unit No. 02	Miner Slough	RB	2.31
Unit No. 03	Sutter Slough	RB	3.74
Unit No. 04	Sacramento River	RB	1.22
Unit No. 05	Elk Slough	RB	9.48

**Threat Assessment & Recommendations**

- The crown roadway in this Area may not be able to be driven in all types of weather.
- There is woody vegetation that significantly impacts access and visibility in this Area.
- There is erosion occurring in this Area that should be monitored.
- 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 woody vegetation.
- 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**

Rated Item	Total LMA Miles		32.17		Fall 2014				Fall 2015				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	0.42	0.06	0.66	2.05	0.28	0.16	0.92	2.86	-0.14	0.10	0.26	0.81				
Trim / Thin Trees	3.27	0.10	3.67	11.41	3.63	0.21	4.47	13.90	0.36	0.11	0.80	2.49				
Encroachments	0.33	0.06	0.57	1.77	0.17	0.02	0.25	0.78	-0.16	-0.04	-0.32	-0.99				
Animal Control	1.44		1.44	4.48	0.11	0.01	0.15	0.47	-1.33	0.01	-1.29	-4.01				
Slope Stability	0.07		0.07	0.22	0.05	0.01	0.09	0.28	-0.02	0.01	0.02	0.06				
Erosion / Bank Caving	0.01		0.01	0.03		0.02	0.08	0.25	-0.01	0.02	0.07	0.22				
Crown Surface / Depressions / Rutting	3.12		3.12	9.70	6.35	0.10	6.75	20.99	3.23	0.10	3.63	11.29				
Repair Gates	0.01		0.01	0.03					-0.01		-0.01	-0.03				
<i>Supplemental</i>																
USACE Erosion Survey	0.18	0.01	0.22	0.68	0.89	0.41	2.53	7.87	0.71	0.40	2.31	7.18				
DWR UCIP Field Study												0.00				
<i>LMA Totals:</i>	8.85	0.23	9.77	30.37	11.48	0.94	15.24	47.38	2.63	0.71	5.47	17.01				

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 2015 Sacramento River Erosion Summary >>> DRAFT DATA <<<**

**Unit No. 01 Yolo Bypass, LB**

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
DWS_5-0_L		4.83	4.85	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	0.24	0.65	critical	U
STR_25-2_R	25.20	0.97	1.10	eroding	M
STR_25-7_R	25.70	1.43	1.58	eroding	M
STR_27-1_R	27.10	2.87	2.92	eroding	M
STR_27-3_R	27.30	3.05	3.23	eroding	M
STR_26-5_L	26.50	4.56	4.68	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	0.02	0.28	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	0.00	9.48	eroding	M

**USACE Inspection Ratings Summary**

System Name	Length (Miles)	RIP Status	RIP Date	Rating
West Sacramento - SacYolo South	60.45	Inactive	07/24/2015	U

**DWR Flood System Repair Project Summary**

**Unit No. 01 Yolo Bypass**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
142-22	Serious	Stability	0.48		Left	38.498098	-121.581817
142-23	Serious	Stability	1.88	1.78	Left	38.477878	-121.580723

**Unit No. 03 Sutter Slough**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
305-25	Serious	Erosion	0.11	0.63	Right	38.287890	-121.605089
305-01	Critical	Seepage	0.22		Right	38.289394	-121.604538

**Unit No. 04 Sacramento River**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
DWR_RD0999_04_s_2012_8	Serious	Erosion	0.02	0.28	Right	38.414387	-121.522871
303-29	Serious	Seepage	0.03	0.04	Right	38.414434	-121.523318
303-30	Serious	Seepage	0.17	0.21	Right	38.416262	-121.524420

**Unit No. 05 Elk Slough**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
DWR_RD0999_05_s_2012_94	Serious	Erosion	0.21	9.48	Right	38.335616	-121.583615

RD 999

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

The Agency stated that there is no new information to report on Part 1.

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

The Agency stated that there is no new information to report on 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 on all levee units. Activities include burning, cleaning of a seepage ditch at various locations, goat grazing, mowing, patrolling, rodent control, and spraying. The Agency also mentioned erosion repair on Levee Unit 5, LM 7.75, and a pipeline inspection on Levee Unit 5, LM 9.47.

**Part 4 A statement of work and estimated cost for operation 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 burning, cleaning of a seepage/irrigation ditch, engineering services, inspections, mowing, roadway maintenance, rodent control, and spraying. The reported total estimated cost for the current fiscal year is \$145,000.

**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 Part 5.

RD 999

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# Reclamation District No. 1000 Natomas

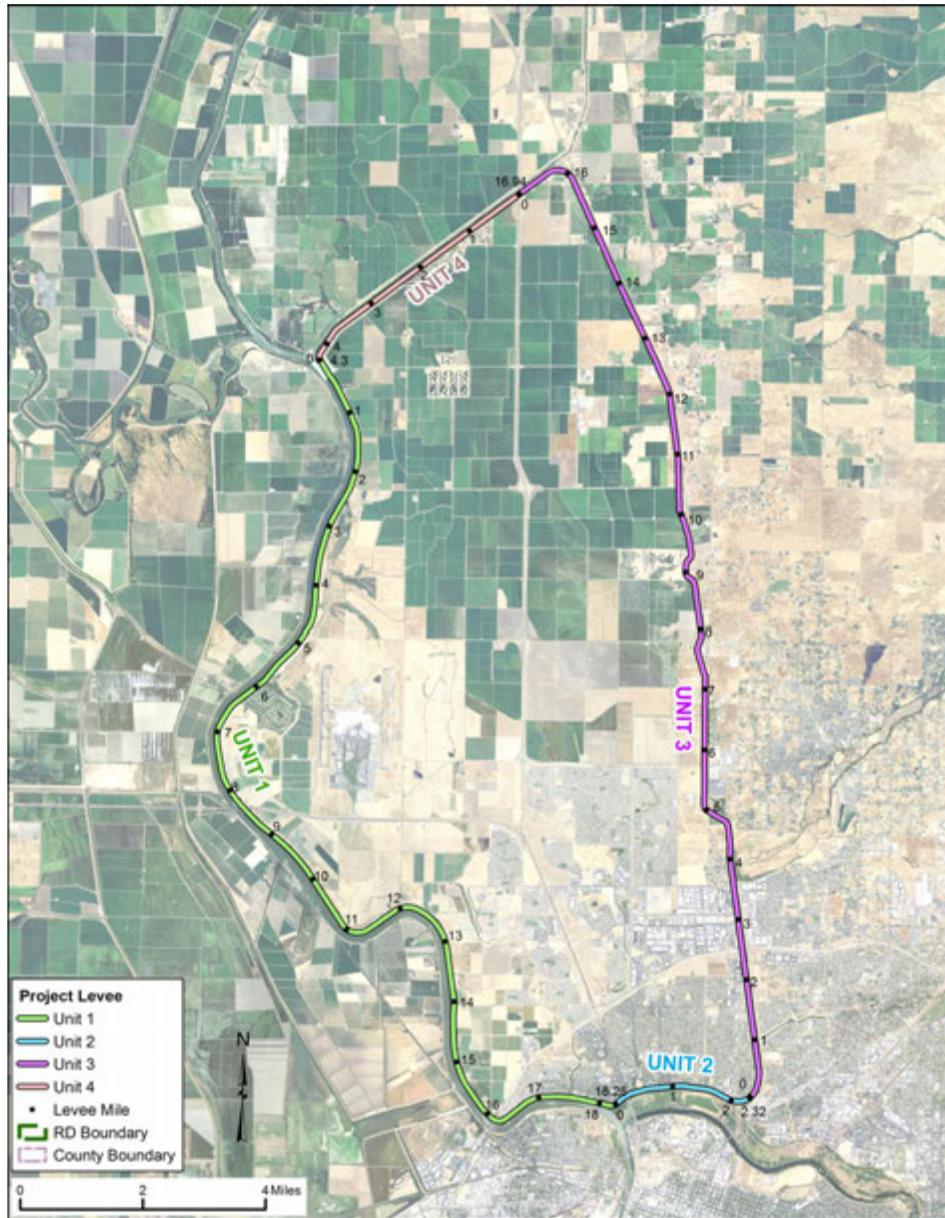
Sacramento County  
Sutter County

**Contact**

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

RD 1000

RD 1000



LMA Short Name : RD1000		Bank	Unit Length (Miles)
Unit No. 01	Sacramento River	LB	18.28
Unit No. 02	American River	RB	2.32
Unit No. 03	Natomas East Canal	RB	16.93
Unit No. 04	Natomas Cross Canal	LB	4.30

**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.

**DWR Levee Inspection Summary**

Rated Item	Total LMA Miles		41.84									
	Fall 2014				Fall 2015				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	0.23		0.23	0.55					-0.23		-0.23	-0.55
Trim / Thin Trees	0.01		0.01	0.02	0.10		0.10	0.24	0.09		0.09	0.22
Encroachments	0.01		0.01	0.02					-0.01		-0.01	-0.02
Animal Control					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	0.13		0.13	0.31	0.03		0.03	0.07
<i>LMA Totals:</i>	0.35	0.00	0.35	0.84	0.25	0.00	0.25	0.60	-0.10	0.00	-0.10	-0.24

**DWR Structure Inspection Summary**

RD 1000

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

**Unit No. 01 Sacramento River, LB**

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
SAC_78-3_L	78.30	0.48	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	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 encroachments limiting access and visibility and reported unauthorized vehicle traffic damaging levee slopes on Levee Unit 1 at various locations. The Agency also mentioned that the district does not have a landside access road for maintenance on Levee Unit 1 south of Powerline Road and along Levee Units 2 and 3. The Agency also reported steep landside slopes along Levee Units 2 and 3 which are hindering the district's efforts to control vegetation growth. The Agency also reported the capacity of the lower NEMDC floodway has been reduced due to vegetation growth in the channel.

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

The Agency reported seepage on Levee Unit 1, south of the Interstate 5 (I-5) crossing, and mentioned that a temporary berm is being constructed by SACFA. The Agency also reported seepage on Levee Unit 2 between LM 0.80 and 2.03 and on Levee Unit 3 between LM 4.00 and 16.94. The Agency noted a gap in the levee at Levee Unit 3 at the Sankey Road crossing, leading to a freeboard deficiency for the 200-year flood event. The Agency also identified insufficient freeboard for the 200-year flood on Levee Unit 1 near the I-5 crossing and 500 feet downstream, at various locations of Levee Unit 3, and on Levee Unit 4 at the 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 accomplished maintenance activities and the locations of these activities. Activities include 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 reported the approximate total costs for operation and maintenance of the levees for the previous fiscal year as \$1,600,000.

**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 referred to the approximate expenses of \$1,225,000 for the previous fiscal year and stated that the expenses include all operations, administrative and labor cost, levee repair and equipment purchases.

**Part 5 Any other readily available information contained in the 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 the next phase of levee construction that will cover Unit 2, which will include a slurry wall, landside access, and flattening of the levee slope. The Agency also mentioned updating the Emergency Response Plan. The Agency also mentioned that following 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 critical items in the inspection and requested USACE to re-inspect the levees to be reinstated into the RIP. Prior to USACE's re-inspection, the district submitted a Letter of Intent (LOI) to submit a System-Wide Improvement Framework plan (SWIF) within two years to address the items noted on the PI and to bring the district in compliance. This year, the district submitted an interim draft SWIF report pursuant to USACE requirements, demonstrating the district's progress towards the SWIF submission in May 2016.

# Reclamation District No. 1001 Nicolaus

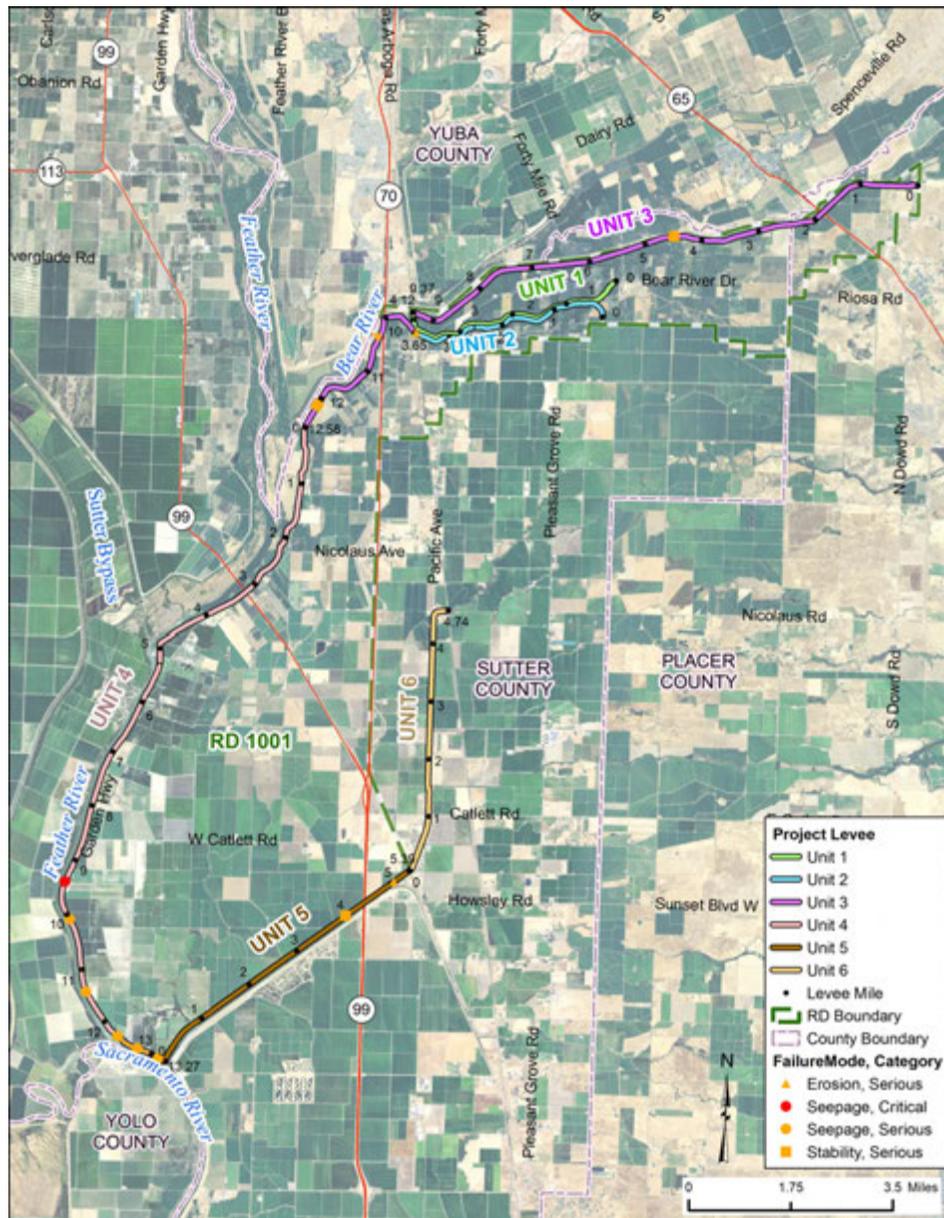
**Sutter County**

RD 1001

**Contact**

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

RD 1001



LMA Short Name : RD1001	Bank	Unit Length (Miles)
-------------------------	------	---------------------

Unit No. 01	Yankee Slough	RB	4.12
Unit No. 02	Yankee Slough	LB	3.65
Unit No. 03	Bear River	LB	12.58
Unit No. 04	Feather River	LB	13.27
Unit No. 05	Natomas Cross Canal	RB	5.39
Unit No. 06	East Side Canal	RB	4.74

### Threat Assessment & Recommendations

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

**DWR Levee Inspection Summary**

<b>RD1001</b>													
		Total LMA Miles		<b>43.74</b>									
		<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>			
		Overall LMA Rating		<b>A</b>		Overall LMA Rating		<b>A</b>					
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	2.10		2.10	<b>4.80</b>	2.24		2.24	<b>5.12</b>	0.14		0.14	<b>0.32</b>	
Trim / Thin Trees	0.05		0.05	<b>0.11</b>	0.05		0.05	<b>0.11</b>				<b>0.00</b>	
Encroachments	0.03		0.03	<b>0.07</b>	0.02		0.02	<b>0.05</b>	-0.01		-0.01	<b>-0.02</b>	
Animal Control	0.01		0.01	<b>0.02</b>	0.03		0.03	<b>0.07</b>	0.02		0.02	<b>0.05</b>	
Slope Stability	0.04		0.04	<b>0.09</b>	0.13		0.13	<b>0.30</b>	0.09		0.09	<b>0.21</b>	
Erosion / Bank Caving	0.01		0.01	<b>0.02</b>	0.05		0.05	<b>0.11</b>	0.04		0.04	<b>0.09</b>	
<i>Supplemental</i>													
USACE Erosion Survey	1.92		1.92	<b>4.39</b>	1.85		1.85	<b>4.23</b>	-0.07		-0.07	<b>-0.16</b>	
DWR UCIP Field Study												<b>0.00</b>	
<i>LMA Totals:</i>	4.16	0.00	4.16	<b>9.51</b>	4.37	0.00	4.37	<b>9.99</b>	0.21	0.00	0.21	<b>0.48</b>	

**DWR Structure Inspection Summary**

RD 1001

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary >>> DRAFT DATA <<<**

**Unit No. 02 Yankee Slough, LB**

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
YAS_1-7_L		1.33	1.36	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	7.22	7.31	eroding	M
BER_2-5_L	2.50	10.36	10.40	eroding	M
BER_1-9_L	1.90	11.08	11.16	eroding	M
BER_0-8_L	0.80	12.07	12.16	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	5.80	5.93	eroding	M
FHR_6-0_L	6.00	6.42	6.51	eroding	M
FHR_5-8_L	5.80	6.57	6.77	eroding	M
FHR_5-0_L	5.00	7.47	7.79	eroding	M
FHR_3-8_L	3.80	8.57	8.97	eroding	M
FHR_1-0_L	1.00	11.18	11.37	eroding	M
FHR_0-6_L	0.60	11.59	11.75	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		2.31	2.34	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	U
RD 1001 - Nicolaus, Feather River	30.21	Active	11/18/2013	U

RD 1001

**DWR Flood System Repair Project Summary**

**Unit No. 02 Yankee Slough**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
USACE_CESPK_NIC2_2012_p_0218	Critical	Erosion	3.61		Left	38.965670	-121.533130

**Unit No. 03 Bear River**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
246-1	Serious	Stability	4.48		Left	38.991848	-121.452080
DWR_RD1001_03_s_2012_19	Serious	Erosion	10.36	10.40	Left	38.964583	-121.544967
DWR_RD1001_03_s_2012_21	Serious	Stability	12.16	12.10	Left	38.946477	-121.564094

**Unit No. 04 Feather River**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
FSRP-15-18	Critical	Stability			Right	38.818860	-121.550172
FSRP-15-17	Critical	Stability			Right	38.807310	-121.569404
247-2	Critical	Seepage	9.41		Left	38.825391	-121.639144
247-2008	Serious	Seepage	10.12	10.05	Left	38.815835	-121.637095
247-2017	Serious	Seepage	11.40		Left	38.797975	-121.631134
247-31	Serious	Seepage	13.17	12.28	Left	38.781802	-121.607110

**Unit No. 05 Natomas Cross Canal**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
USACE_CESPK_NIC5_2012_p_0144	Serious	Stability	4.04		Right	38.819140	-121.549640
USACE_CESPK_NIC5_2012_p_0166	Serious	Erosion	5.06		Right	38.828130	-121.534650

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)**

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 actions taken on inspection items listed by DWR in the inspection report. The actions include corrected, pending, and work in progress for animal control, encroachments, erosion, 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 mentioned permitting for a planned erosion repair site on Levee Unit 5, LM 3.65 to LM 3.70. The estimated cost for the current fiscal year is \$250,000.

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

The Agency stated that a Slow Rise Emergency Action Plan is on file at the district's office.

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RD 1001

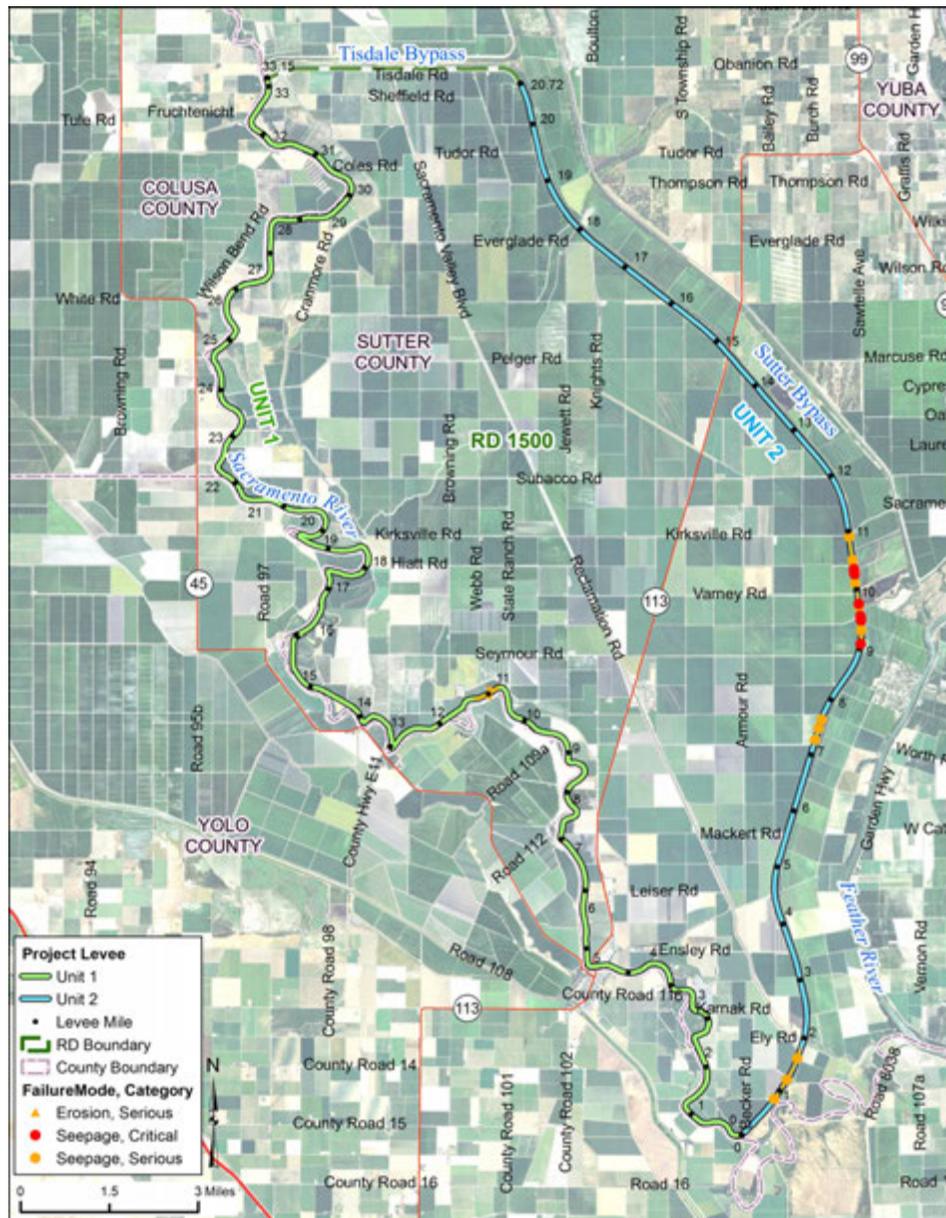
# Reclamation District No. 1500 Sutter Basin

**Sutter County**

RD 1500

**Contact**

Scott Tucker  
President  
P.O Box 96  
Robbins CA 95676  
Phone: (530) 738-4423



LMA Short Name : RD1500		Bank	Unit Length (Miles)
Unit No. 01	Sacramento River	LB	33.15
Unit No. 02	Sutter Bypass	RB	20.72

**Threat Assessment & Recommendations**

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

**DWR Levee Inspection Summary**

Rated Item	Total LMA Miles		53.87		Fall 2014				Fall 2015				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	2.53		2.53	4.70					-2.53		-2.53	-4.70				
Trim / Thin Trees	0.02	0.01	0.06	0.11	0.03	0.01	0.07	0.13	0.01		0.01	0.02				
Encroachments	0.07		0.07	0.13	0.14		0.14	0.26	0.07		0.07	0.13				
Animal Control	0.03		0.03	0.06	0.05		0.05	0.09	0.02		0.02	0.04				
Slope Stability					0.01		0.01	0.02	0.01		0.01	0.02				
Erosion / Bank Caving					0.02		0.02	0.04	0.02		0.02	0.04				
Underseepage Relief Wells		0.01	0.04	0.07						-0.01	-0.04	-0.07				
<i>Supplemental</i>																
USACE Erosion Survey	0.10		0.10	0.19	3.23		3.23	6.00	3.13		3.13	5.81				
DWR UCIP Field Study												0.00				
<i>LMA Totals:</i>	2.75	0.02	2.83	5.25 *	3.48	0.01	3.52	6.53 *	0.73	-0.01	0.69	1.28				

\* 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 1500

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

**Unit No. 01 Sacramento River, LB**

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
SAC_86-3_L	86.30	1.34	1.95	eroding	M
SAC_87-1_L	87.10	2.30	2.52	eroding	M
SAC_92-8_L	92.80	8.33	8.47	eroding	M
SAC_95-8_L	95.80	11.80	11.98	eroding	M
SAC_96-2_L	96.20	11.99	12.26	removed	W
SAC_99-0_L	99.00	13.98	14.26	eroding	M
SAC_104-0_L	104.00	18.38	19.06	eroding	M
SAC_104-5_L	104.50	19.16	19.47	eroding	M
SAC_116-0_L	116.00	30.60	30.75	eroding	M
SAC_116-5_L	116.50	30.94	31.60	eroding	M

**USACE Inspection Ratings Summary**

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 1500 and Tisdale Bypass - Sutter Basin South	59.22	Inactive	09/08/2014	M

**DWR Flood System Repair Project Summary**

**Unit No. 01 Sacramento River**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
DWR_RD1500_01_s_2012_34	Serious	Erosion			Left	38.870474	-121.752237
DWR_RD1500_01_s_2012_29	Serious	Erosion			Left	38.871853	-121.749330

**Unit No. 02 Sutter Bypass**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
294-35	Serious	Seepage	0.80	1.79	Right	38.769586	-121.664602
294-39	Serious	Seepage	7.25		Right	38.858627	-121.650487
Sac-14	Serious	Seepage	7.45		Right	38.861420	-121.649400
294-06	Serious	Seepage	7.62		Right	38.863709	-121.648421
294-99	Serious	Seepage	8.94	10.93	Right	38.880401	-121.636564
294-07	Critical	Seepage	9.07		Right	38.882215	-121.635989
294-08	Critical	Seepage	9.47		Right	38.887933	-121.635840
294-114	Critical	Seepage	9.52		Right	38.888648	-121.635940
294-10	Critical	Seepage	9.54		Right	38.888935	-121.635981
294-115	Critical	Seepage	9.74		Right	38.891792	-121.636405
294-11	Critical	Seepage	10.25		Right	38.899209	-121.637700
294-12	Critical	Seepage	10.31		Right	38.900064	-121.637846
294-13	Critical	Seepage	10.34		Right	38.900493	-121.637921

**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 13.00; a dip in the levee crown on the paved road at LM 9.18; erosion or sloughing at LM 2.37, 2.50, 8.75, 11.91 to 12.34, 12.64, 18.50, and 31.60 to 32.20; and heavy seepage at LM 12.50 to 14.35, 22.00 to 24.00, and 29.88. Integrity issues for Levee Unit 2 include boils at LM 9.00 to 11.00, 15.80 to 16.00, 18.50 to 19.00, 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 boils along the Sutter Bypass levee at LM 18.25. The Agency noted that these boils, including a large 20-inch diameter boil along with small 3 to 4-inch diameter boils, are located in an irrigation delivery canal near the landside toe. 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 provided a summary of accomplished maintenance activities. Activities include debris removal, restoration and levee repair, cleaning channels, minor structure repair, pump maintenance, levee patrolling, adding riprap, rodent control, tree trimming, and vegetation burning, spraying and mowing.

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

The Agency provided a summary of expenses and planned maintenance activities for all levee units. Expenses include costs of adding riprap, 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 \$580,200.

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

The Agency reported the district is currently attempting to come to agreement with DWR on repairing four critical seepage sites on Sutter Bypass under DWR-FSRP. The Agency also reported entering into an agreement with DWR to add gravel on 11.8 miles of the levee crown. The reported gravel project will cost \$600,000.

# Reclamation District No. 1600 Mull

**Yolo County**

RD 1600

**Contact**

Kent Lang  
President  
21548 Old River Road  
West Sacramento CA 95691  
Phone: (916) 744-1094



LMA Short Name : RD1600		Bank	Unit Length (Miles)
Unit No. 01	Sacramento River	RB	10.46
Unit No. 02	Yolo Bypass	LB	4.23

**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		14.69									
	Fall 2014				Fall 2015				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	20.90		20.90	142.25	18.86		18.86	128.37	-2.04		-2.04	-13.88
Trim / Thin Trees		0.01	0.04	0.27	0.02		0.02	0.14	0.02	-0.01	-0.02	-0.14
Encroachments					0.02		0.02	0.14	0.02		0.02	0.14
Animal Control					0.03	0.01	0.07	0.48	0.03	0.01	0.07	0.48
Slope Stability	0.03		0.03	0.20	0.14		0.14	0.95	0.11		0.11	0.75
Erosion / Bank Caving	0.78	0.01	0.82	5.58	0.75		0.75	5.11	-0.03	-0.01	-0.07	-0.48
Crown Surface / Depressions / Rutting	1.40		1.40	9.53					-1.40		-1.40	-9.53
<i>Supplemental</i>												
USACE Erosion Survey	0.05		0.05	0.34	0.90		0.90	6.13	0.85		0.85	5.79
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	23.16	0.02	23.24	158.18	20.72	0.01	20.76	141.30	-2.44	-0.01	-2.48	-16.88

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

RD 1600

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

**Unit No. 01 Sacramento River, RB**

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
SAC_71-3_R	71.30	0.56	0.66	eroding	M
SAC_74-4_R	74.40	3.58	3.83	eroding	M
SAC_75-3_R	75.30	4.34	4.86	eroding	M
SAC_77-0_R	77.00	6.30	6.36	removed	W
SAC_77-7_R	77.70	6.95	6.98	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	Inactive	10/10/2014	U

**DWR Flood System Repair Project Summary**

**Unit No. 01 Sacramento River**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
DWR_RD1600_01_s_2012_10	Serious	Erosion		4.86	Right	38.728684	-121.605844
FSRP-14-36	Serious	Erosion	6.99	6.96	Right	38.765190	-121.595490

**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 loss of grade at Levee Unit 2, about 2 miles south of Fremont Weir. The landside levee slope in this area is 1:1, and the levee is 30 feet high. The Agency mentioned that when the bypass was full during the 2006 and 1997 flood events, this area has slipped. The Agency also reported an erosion site identified in 2006 on Levee Unit 2, 2.5 miles south of Fremont Weir, where the bypass side of the levee was eroded by high flood waters and wave action. The Agency also mentioned giant erosion holes on the waterside of Levee Unit 1 at LM 7.00, LM 7.13, and LM 7.27, and warned of a levee failure during the next large flood event. The Agency also reported 3 mitigation sites encroaching on the side of Levee Unit 1. Additionally, the Agency reported issues with Elderberry bushes at various locations on both levee units which cannot be removed per CA Dept. of Fish and Wildlife regulations.

**Part 2 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 locations with deficient levee crown height at Levee Unit 1, LM 2.96 to LM 5.93. Repairs have not been completed due to budget restrictions but are in progress. The Agency also mentioned giant erosion holes on the waterside of Levee Unit 1, LM 7.00, LM 7.13, and LM 7.27, and warned of a levee failure during the next large flood event. The Agency also reported 3 mitigation sites encroaching on the side of Levee Unit 1, obscuring visibility, and impeding the ability to maintain the levee. Due to lack of visibility, a maintenance truck has caused damage to the levee crown and side when driving off the side.

**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 both levee units. Activities include clearing and cleaning of brush, repacking the levee side with a tractor, pump 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 planned maintenance activities for all levee units. Expenses include costs of contingency appropriations, contributions to Mid-Valley Levee Project, ditch clearing, engineering services, insurance, management, office overhead, patrolling, pump maintenance, roadway maintenance, and vegetation control. 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**

The Agency stated that there is no new information to report on Part 5.

# Reclamation District No. 1601 Twitchell

**Sacramento County**

RD 1601

**Contact**

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



LMA Short Name : RD1601	Bank	Unit Length (Miles)
Unit No. 01 Threemile Slough	LB	2.43

**Threat Assessment & Recommendations**

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

**DWR Levee Inspection Summary**

<b>RD1601</b>	Total LMA Miles		<b>2.43</b>									
	<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>			
	Overall LMA Rating				Overall LMA Rating							
	<b>A</b>				<b>M</b>							
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>												
Crown Surface / Depressions / Rutting					0.42		0.42	<b>17.31</b>	0.42		0.42	<b>17.31</b>
<i>Supplemental</i>												
DWR UCIP Field Study												<b>0.00</b>
<i>LMA Totals:</i>	0.00	0.00	0.00	<b>0.00</b>	0.42	0.00	0.42	<b>17.31</b>	0.42	0.00	0.42	<b>17.31</b>

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary**

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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	06/24/2015	U

**DWR Flood System Repair Project Summary**

N/A

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
1047-6	Serious	Erosion			Right	38.112730	-121.617019
DWR_RD1601_01_R_2012_05	Critical	Seepage			Right	38.097625	-121.669275
1046-26	Critical	Seepage			Right	38.098202	-121.658355
1046-45	Serious	Seepage			Right	38.095051	-121.634114

**Unit No. 01 Threemile Slough**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
DWR_RD1601_01_R_2012_03	Critical	Seepage	1.92		Right	38.094990	-121.684240
DWR_RD1601_01_R_2012_06	Critical	Seepage	2.20		Right	38.091010	-121.681580

**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 routine maintenance is ongoing and noted encroachment enforcement remains an ongoing process that is leading to varied success.

**Part 2 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 accomplished maintenance activities. Activities include encroachment control, visual inspections, erosion repairs, rodent baiting and hole grouting, 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 mentioned active ongoing program in place and provided an estimated budget for the routine maintenance based on prior year's expenditure. The reported total estimated budget for the fiscal year is \$249,800.

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

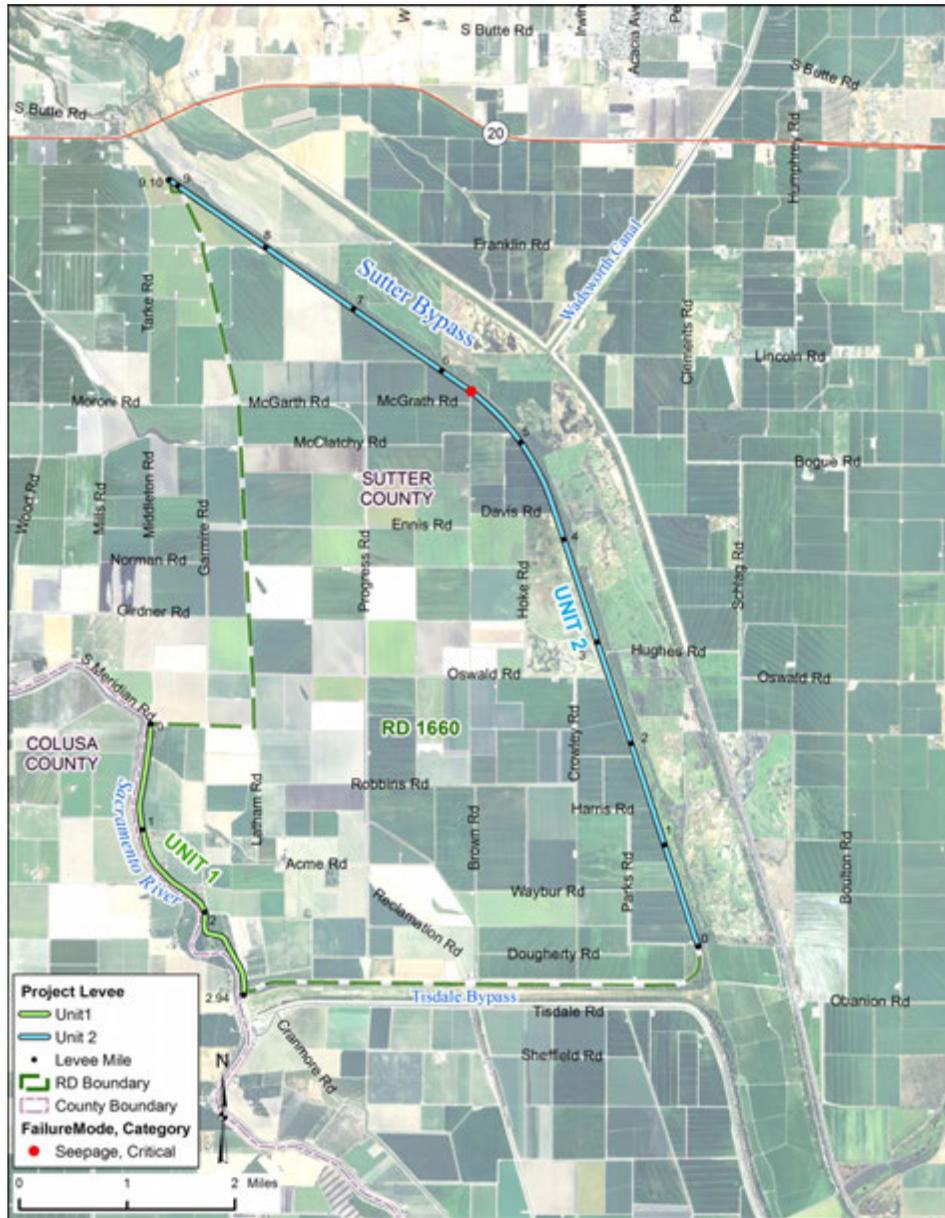
The Agency reported that there is no new information relevant to the condition or performance of the levee.

# Reclamation District No. 1660 Tisdale

**Sutter County**

**Contact**

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



LMA Short Name : RD1660		Bank	Unit Length (Miles)
Unit No. 01	Sacramento River	LB	2.94
Unit No. 02	Sutter Bypass	RB	9.10

**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		12.04									
		Fall 2014				Fall 2015				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>													
Encroachments	0.01		0.01	0.08	0.01		0.01	0.08				0.00	
Animal Control					0.01		0.01	0.08	0.01		0.01	0.08	
Slope Stability	0.05		0.05	0.42	0.05		0.05	0.42				0.00	
<i>Supplemental</i>													
USACE Erosion Survey	0.10		0.10	0.83	0.03		0.03	0.25	-0.07		-0.07	-0.58	
DWR UCIP Field Study												0.00	
<i>LMA Totals:</i>	0.16	0.00	0.16	1.33	0.10	0.00	0.10	0.83	-0.06	0.00	-0.06	-0.50	

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

**Unit No. 01 Sacramento River, LB**

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
SAC_120-6_L	120.60	1.33	1.36	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	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
248-17	Critical	Seepage	5.66		Right	39.108209	-121.782280

**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 at Levee Unit 2, LM 5.68.

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

The Agency reported seepage and a boil at Levee Unit 2, LM 5.68, and noted the boil starts flowing clear water when water reaches the toe of the levee in the channel.

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

The Agency provided actions taken on inspection items listed by DWR in the inspection report. The actions taken include corrected encroachment issues.

**Part 4 A statement of work and estimated cost for operation 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 levee slope dragging, debris removal, levee crown grading, rodent control, thinning and pruning trees, and vegetation burning and spraying. The reported total estimated cost for the current fiscal year is \$70,000.

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

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

# Reclamation District No. 2035 Conaway

**Yolo County**

**Contact**

Mike Hall  
General Manager  
45332 County Road 25  
Woodland CA 95776  
Phone: (530) 662-6200



LMA Short Name : RD2035		Bank	Unit Length (Miles)
Unit No. 01	Cache Creek Settling Basin	RB	2.01
Unit No. 02	Yolo Bypass	RB	7.63
Unit No. 03	Willow Slough Bypass	LB	2.51

**Threat Assessment & Recommendations**

- The LMA should focus on repairing erosion sites.

**DWR Levee Inspection Summary**

Rated Item	Total LMA Miles		12.15		Fall 2014				Fall 2015				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					0.04		0.04	<b>0.33</b>	0.04		0.04	<b>0.33</b>				
Animal Control					0.01		0.01	<b>0.08</b>	0.01		0.01	<b>0.08</b>				
Cracking					0.01		0.01	<b>0.08</b>	0.01		0.01	<b>0.08</b>				
Crown Surface / Depressions / Rutting					0.06		0.06	<b>0.49</b>	0.06		0.06	<b>0.49</b>				
<i>Supplemental</i>																
USACE Erosion Survey	1.39		1.39	<b>11.44</b>	1.31		1.31	<b>10.78</b>	-0.08		-0.08	<b>-0.66</b>				
DWR UCIP Field Study												<b>0.00</b>				
<i>LMA Totals:</i>	1.39	0.00	1.39	<b>11.44</b>	1.43	0.00	1.43	<b>11.77</b>	0.04	0.00	0.04	<b>0.33</b>				

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

**Unit No. 02 Yolo Bypass, RB**

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
YOL_0-1_R		0.28	0.36	eroding	M
YOL_1-2_R		1.20	1.24	eroding	M
YOL_2-0_R		1.98	2.03	eroding	M
YOL_2-3_R		2.26	2.60	eroding	M
YOL_2-8_R		2.78	3.26	eroding	M
YOL_4-2_R		4.09	4.41	eroding	M

**USACE Inspection Ratings Summary**

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Cache Creek - RD 2035 - Willow Bypass	29.21	Inactive	06/20/2014	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 excessive vegetation on Levee Unit 1 between LM 0.00 and 2.00. The Agency also reported multiple issues on Levee Unit 2. Issues include encroachments at LM 0.00, 0.02, 1.70, 2.04, 2.10, 3.40, 4.44, 6.53, and 6.53; landside erosion at LM 6.50; depression at LM 0.03 and 0.25; and vegetation issues at LM 1.69 and 2.14. The Agency also mentioned multiple issues on Levee Unit 3. Issues include encroachments at LM 0.00, 2.00, 2.17, and 2.50 and vegetation between LM 1.46 and 1.74. The Agency also reported a partially open outlet gate blocked by debris at Levee Unit 3, LM 2.50.

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

The Agency reported multiple issues on Levee Unit 2. Issues include erosion at LM 0.33 to 1.74, 1.97 to 2.60, 2.73 to 3.26, 3.34 to 4.43, and 5.19 to 6.20 and freeboard deficiency at LM 0.01 to 0.02, 0.12 to 1.74, 1.89 to 2.40, 2.41 to 3.34, and 3.70 to 4.10. The Agency also mentioned it was unable to inspect multiple pipe crossings on Levee Units 2 and 3 due to high vegetation and other issues.

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

The Agency provided a summary of accomplished maintenance activities. Activities include surveying, inspection, slope dragging, 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 emergency stockpile material, slope dragging, rodent baiting and trapping, and vegetation control. The reported total estimated cost for the current 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**

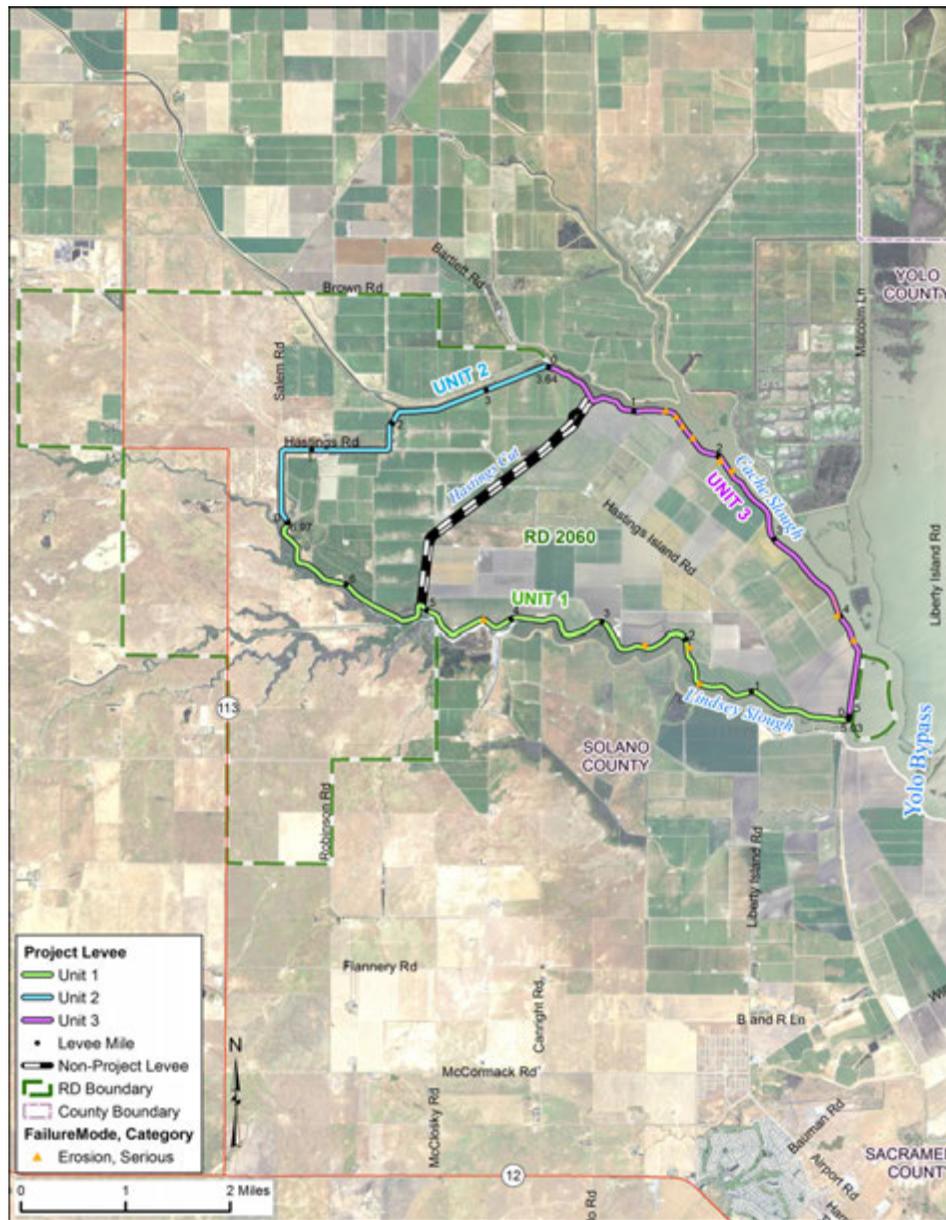
The Agency reported a survey of the levee crown was performed and analyzed, and a report was submitted to the Central Valley Flood Protection Board indicating that the levee does not provide adequate freeboard.

# Reclamation District No. 2060 Hastings

## Solano County

### **Contact**

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



LMA Short Name : RD2060		Bank	Unit Length (Miles)
Unit No. 01	Lindsey Slough	LB	6.97
Unit No. 02	Ulatis Creek	RB	3.64
Unit No. 03	Cache Slough	RB	5.03

**Threat Assessment & Recommendations**

- There is vegetation that significantly impacts access and visibility in this Area.
- There is erosion occurring in this Area that should be monitored.
- 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 2014		Fall 2015				Change			
	15.65		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	7.33		7.33	46.85	8.75		8.75	55.92	1.42		1.42	9.08
Erosion / Bank Caving	0.05	0.01	0.09	0.58					-0.05	-0.01	-0.09	-0.58
Repair Gates	0.01		0.01	0.06	0.01		0.01	0.06				0.00
<i>Supplemental</i>												
USACE Erosion Survey	0.99		0.99	6.33	1.00		1.00	6.39	0.01		0.01	0.06
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	8.38	0.01	8.42	53.81	9.76	0.00	9.76	62.38	1.38	-0.01	1.34	8.56

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary >>> DRAFT DATA <<<**

**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	1.93	eroding	M
LDS_2-4_L	2.40	2.44	2.47	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	1.52	1.74	eroding	M
CHS_23-0_R	23.00	2.02	2.08	eroding	M
CHS_22-9_R	22.90	2.12	2.17	eroding	M
CHS_22-8_R	22.80	2.18	2.23	eroding	M
CHS_22-6_R	22.60	2.35	2.53	eroding	M
CHS_22-5_R	22.50	2.55	2.58	eroding	M
CHS_21-1_R	21.10	3.78	4.09	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	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
151-124	Serious	Erosion	1.54		Left	38.252408	-121.722437
DWR_RD2060_01_s_2012_4	Serious	Erosion	1.86	1.93	Left	38.256535	-121.724753
151-137	Serious	Erosion	4.31		Left	38.261218	-121.760405

**Unit No. 03 Cache Slough**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
314-263	Serious	Erosion	1.30		Right	38.290388	-121.728219
DWR_RD2060_03_R_2012_01	Serious	Erosion	1.43		Right	38.289540	-121.726430
314-105	Serious	Erosion	1.53		Right	38.288305	-121.725230
314-270	Serious	Erosion	1.68		Right	38.286560	-121.723589
314-232	Serious	Erosion	2.08	2.02	Right	38.283287	-121.718117
DWR_RD2060_03_s_2012_8	Serious	Erosion	2.18	2.23	Right	38.282100	-121.716817
DWR_RD2060_03_s_2012_11	Serious	Erosion	3.78	4.00	Right	38.264585	-121.698868
314-238	Serious	Erosion	4.25		Right	38.258430	-121.695443

**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 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 accomplished maintenance activities. Activities include gate maintenance, erosion repair, inspection, slope dragging, rodent control, surveying and engineering, roadway maintenance, and vegetation control. The Agency also provided action taken on inspection items listed by DWR in the inspection report. The actions taken include corrected, pending, and low priority for encroachments, erosion, and vegetation issues.

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

The Agency provided a summary of expenses and maintenance activities for all levee units. Expenses include costs of inspections, roadway maintenance, slope dragging, rodent control, and vegetation spraying and mowing. The reported total estimated cost 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**

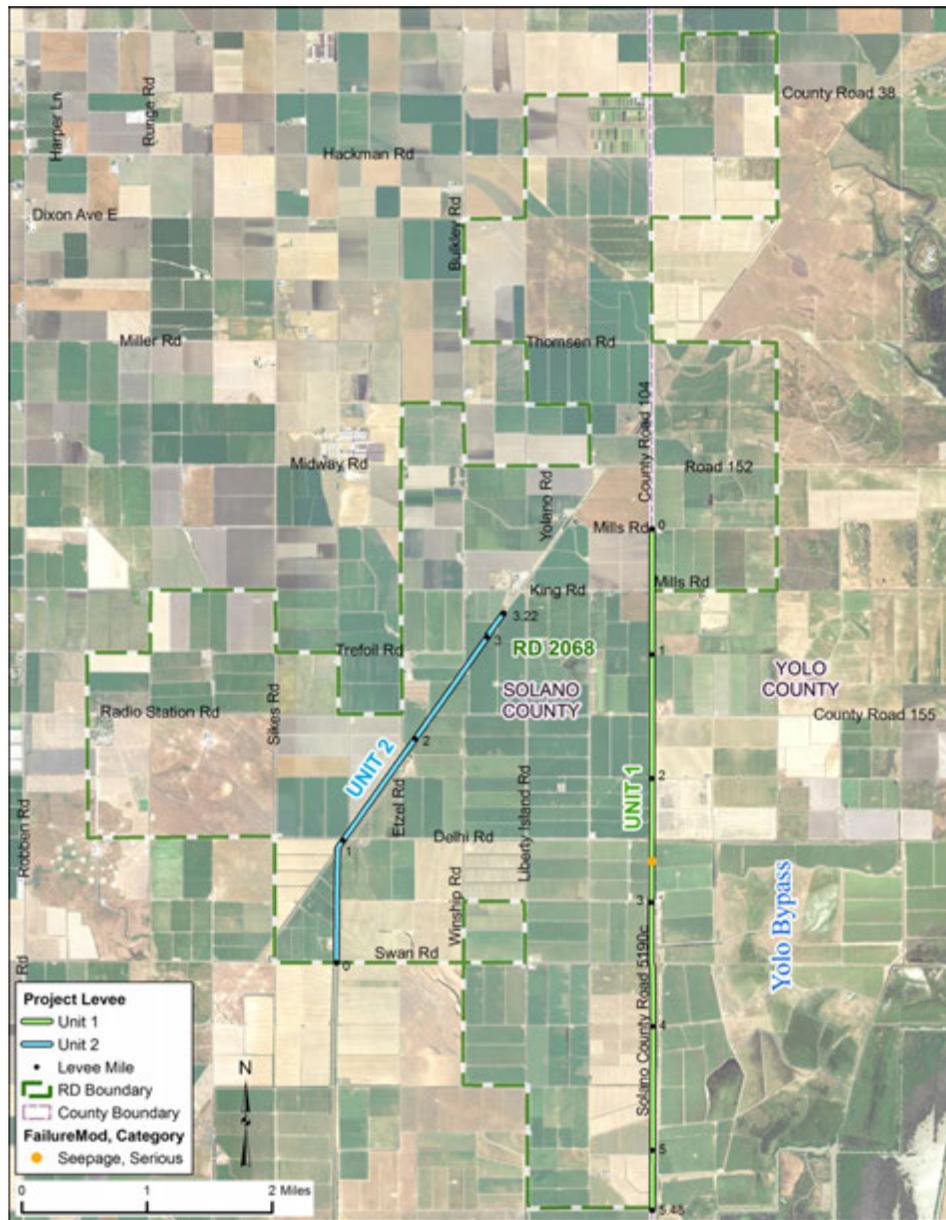
The Agency reported that there is no new information relevant to the condition or performance of the levee.

# Reclamation District No. 2068 Yolano

**Solano County**

**Contact**

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



LMA Short Name : RD2068		Bank	Unit Length (Miles)
Unit No. 01	Yolo Bypass	RB	5.48
Unit No. 02	Back Levee	LB	3.22

**Threat Assessment & Recommendations**

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

**DWR Levee Inspection Summary**

<b>RD2068</b>	Total LMA Miles		<b>8.71</b>									
	<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>			
	Overall LMA Rating				Overall LMA Rating							
	<b>A</b>				<b>A</b>							
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					0.10		0.10	<b>1.15</b>	<b>0.10</b>		<b>0.10</b>	<b>1.15</b>
<i>Supplemental</i>												
DWR UCIP Field Study												<b>0.00</b>
<i>LMA Totals:</i>	0.00	0.00	0.00	<b>0.00</b>	0.10	0.00	0.10	<b>1.15</b>	<b>0.10</b>	0.00	<b>0.10</b>	<b>1.15</b>

RD 2068

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

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	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
152-28	Serious	Seepage	2.67		Right	38.369851	-121.693950

**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 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 accomplished maintenance activities. Activities include inspection, rodent control, roadway maintenance, and vegetation burning, 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 gate repair, inspection, roadway maintenance, and vegetation burning, mowing, and spraying. The reported total estimated cost for the current fiscal year is \$28,000.

**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 information relevant to the condition or performance of the levee.

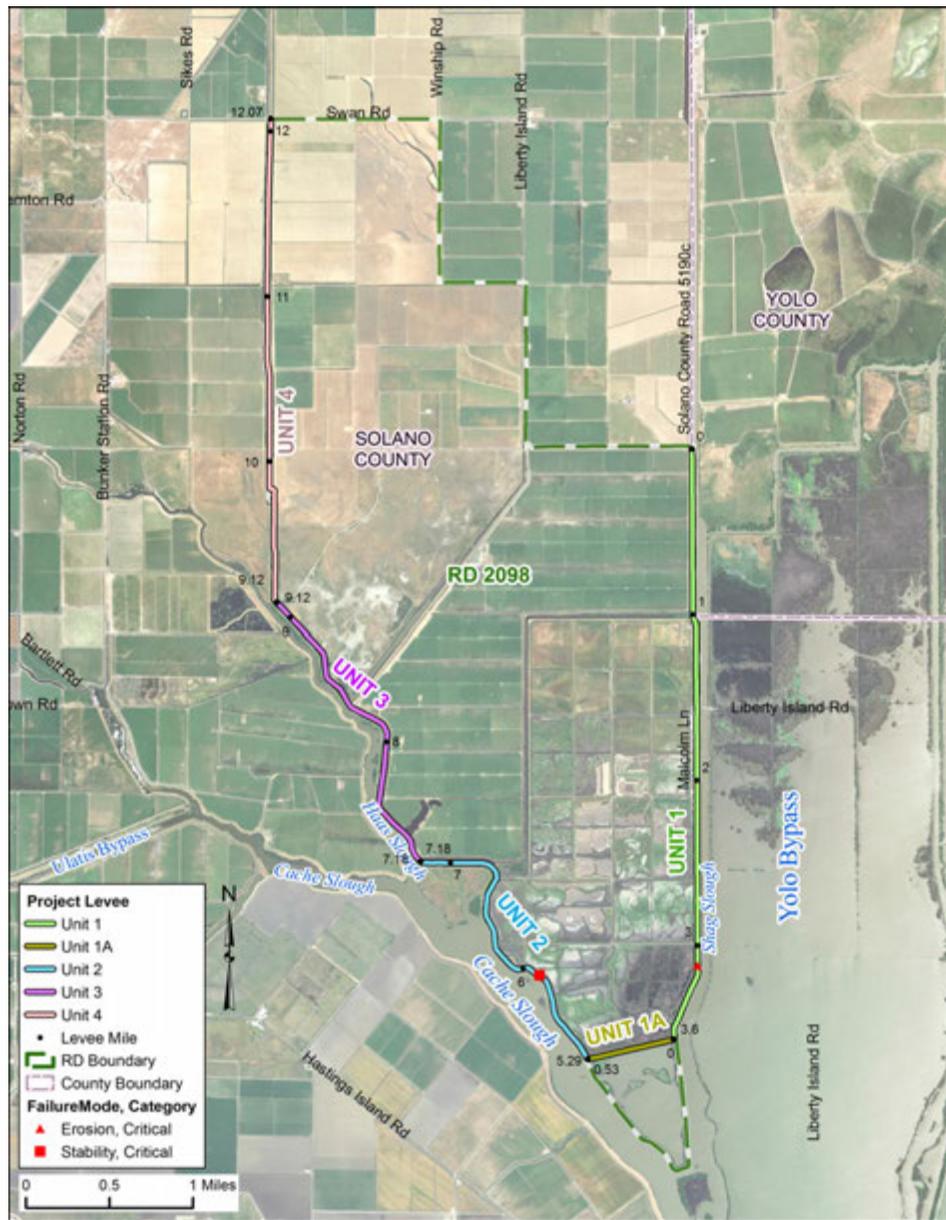
RD 2068

# Reclamation District No. 2098 Cache and Haas Slough

**Solano County**

**Contact**

Tom Schene  
President  
7178 Yolano Road  
Dixon CA 95620-9621  
Phone: (707) 678-3419



LMA Short Name : RD2098		Bank	Unit Length (Miles)
Unit No. 01	Yolo Bypass	RB	3.60
Unit No. 01A	Cross Levee	RB	0.53
Unit No. 02	Cache Slough	LB	1.89
Unit No. 03	Haas Slough	RB	1.94
Unit No. 04	Back Levee	LB	2.95

**Threat Assessment & Recommendations**

- There is vegetation that significantly impacts access and visibility in this Area.
- The LMA should focus more on controlling vegetation to maintain visibility and access.
- The LMA should focus on repairing erosion sites.
- The LMA should ensure that the capacity of the channel as designed and constructed is maintained.

**DWR Levee Inspection Summary**

<b>RD2098</b>													
		Total LMA Miles		<b>10.91</b>									
		<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>			
		Overall LMA Rating		<b>U</b>		Overall LMA Rating		<b>U</b>					
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	1.90	1.86	9.34	<b>85.64</b>	3.36	0.52	5.44	<b>49.88</b>	1.46	-1.34	-3.90	<b>-35.76</b>	
Slope Stability	0.29	0.01	0.33	<b>3.03</b>	0.15		0.15	<b>1.38</b>	-0.14	-0.01	-0.18	<b>-1.65</b>	
Erosion / Bank Caving	0.21		0.21	<b>1.93</b>	0.21		0.21	<b>1.93</b>				<b>0.00</b>	
Repair Gates		0.02	0.08	<b>0.73</b>		0.02	0.08	<b>0.73</b>				<b>0.00</b>	
<i>Supplemental</i>													
USACE Erosion Survey	0.39		0.39	<b>3.58</b>	0.69		0.69	<b>6.33</b>	0.30		0.30	<b>2.75</b>	
DWR UCIP Field Study												<b>0.00</b>	
<i>LMA Totals:</i>	2.79	1.89	10.35	<b>94.90</b>	4.41	0.54	6.57	<b>60.24</b>	1.62	-1.35	-3.78	<b>-34.66</b>	

RD 2098

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary >>> DRAFT DATA <<<**

**Unit No. 03 Haas Slough, RB**

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
HAS_7-9_L		7.33	7.72	eroding	M

**Unit No. 04 Back Levee, LB**

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
HAS_9-7_L		9.44	9.74	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	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
DWR_RD2098_01_s_2012_3	Serious	Erosion	0.44	0.73	Right	38.322738	-121.694010
153-84	Serious	Stability	2.53	2.80	Right	38.292390	-121.693570
DWR_RD2098_01_s_2012_12	Critical	Erosion	3.12		Right	38.283868	-121.693627

RD 2098

**Unit No. 02 Cache Slough**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
313-14	Critical	Stability	5.89		Left	38.283037	-121.711073

**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 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 accomplished maintenance activities. Activities include roadway maintenance, rodent control, and vegetation burning, spraying and grazing.

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

The Agency provided a summary of expenses and maintenance activities for all levee units. Expenses include costs of erosion repair, levee and pipe inspection, rodent control, and vegetation control. The reported total estimated cost for the current fiscal year is \$32,000.

**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 information relevant to the condition or performance of the 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	4.64
Unit No. 02	Bear River	RB	4.88

**Threat Assessment & Recommendations**

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

**DWR Levee Inspection Summary**

<b>RD2103</b>	Total LMA Miles		<b>9.53</b>													
	<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>							
	Overall LMA Rating				<b>A</b>				Overall LMA Rating				<b>M *</b>			
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	<b>0.74</b>	0.13		0.13	<b>1.37</b>	<b>0.06</b>		<b>0.06</b>	<b>0.63</b>				
Animal Control					0.02	0.01	0.06	<b>0.63</b>	<b>0.02</b>	<b>0.01</b>	<b>0.06</b>	<b>0.63</b>				
Crown Surface / Depressions / Rutting	0.01		0.01	<b>0.11</b>					<b>-0.01</b>		<b>-0.01</b>	<b>-0.11</b>				
Flood Preparedness & Training	0.10		0.10	<b>1.05</b>	0.10		0.10	<b>1.05</b>				<b>0.00</b>				
<i>Supplemental</i>																
DWR UCIP Field Study												<b>0.00</b>				
<i>LMA Totals:</i>	0.18	0.00	0.18	<b>1.89</b>	0.25	0.01	0.29	<b>3.04 *</b>	<b>0.07</b>	<b>0.01</b>	<b>0.11</b>	<b>1.15</b>				

\* 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 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

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	Inactive	07/22/2014	U
RD 2103 - Grasshopper Slough	1.07	Inactive	07/22/2014	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 beaver dams in the low flow channel at Levee Unit 1 and suspected the presence of beaver dens in the levee side. The Agency also reported excess in-channel vegetation and sediment accumulation at Levee Unit 1 and 2, restricting flows and reducing channel capacity. The Agency also mentioned a critical erosion site repaired by DWR at Levee Unit 2, LM 0.60 to LM 0.80. Trees and shrubs were planted, but they do not appear to comply with current vegetation standards. The Agency also reported the placement of rock on all-weather patrol roads on Levee Unit 1, LM 0.50 to LM 2.00.

**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 reported the presence of beavers and squirrels at Levee Unit 1. The Agency also reported freeboard deficiencies throughout Levee Unit 1 and stated that the Bear River North Levee Rehabilitation Project completed in 2009 has corrected erosion, pipe crossing, stability, and under-seepage issues at Levee Unit 2. The Agency also mentioned a critical erosion site repaired by DWR at Levee Unit 2, LM 0.60 to LM 0.80. The site has become overgrown and difficult to inspect.

**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 all levee units. Activities include goat and sheep grazing, high water monitoring, rodent baiting, rodent hole backfilling and compacting, spraying, and trimming, thinning, or removing large 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 planned maintenance activities for all levee units. Expenses include costs of goat and sheep grazing, levee road grading, rodent baiting, rodent hole backfilling and compacting, spraying, and trimming, thinning, or removing large vegetation. The reported total estimated cost for the current fiscal year is \$276,500.

**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 a feasibility study through DWR's Yuba Feather Flood Protection Program has identified freeboard deficiencies, slope stability issues, and through and under-seepage throughout Levee Unit 1. Remedial measures and costs are being developed and should be available in Spring 2016. The Agency also mentioned levee crown grading and placement of rock in FSRP eligible areas on the patrol road on Levee Unit 2. The preliminary cost estimate is \$43,000 for 0.6 miles. The Agency also 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, and the submission of the Addendum to Supplemental Operation and Maintenance Manual and Project Completion Report to DWR and CVFPB in 2010.

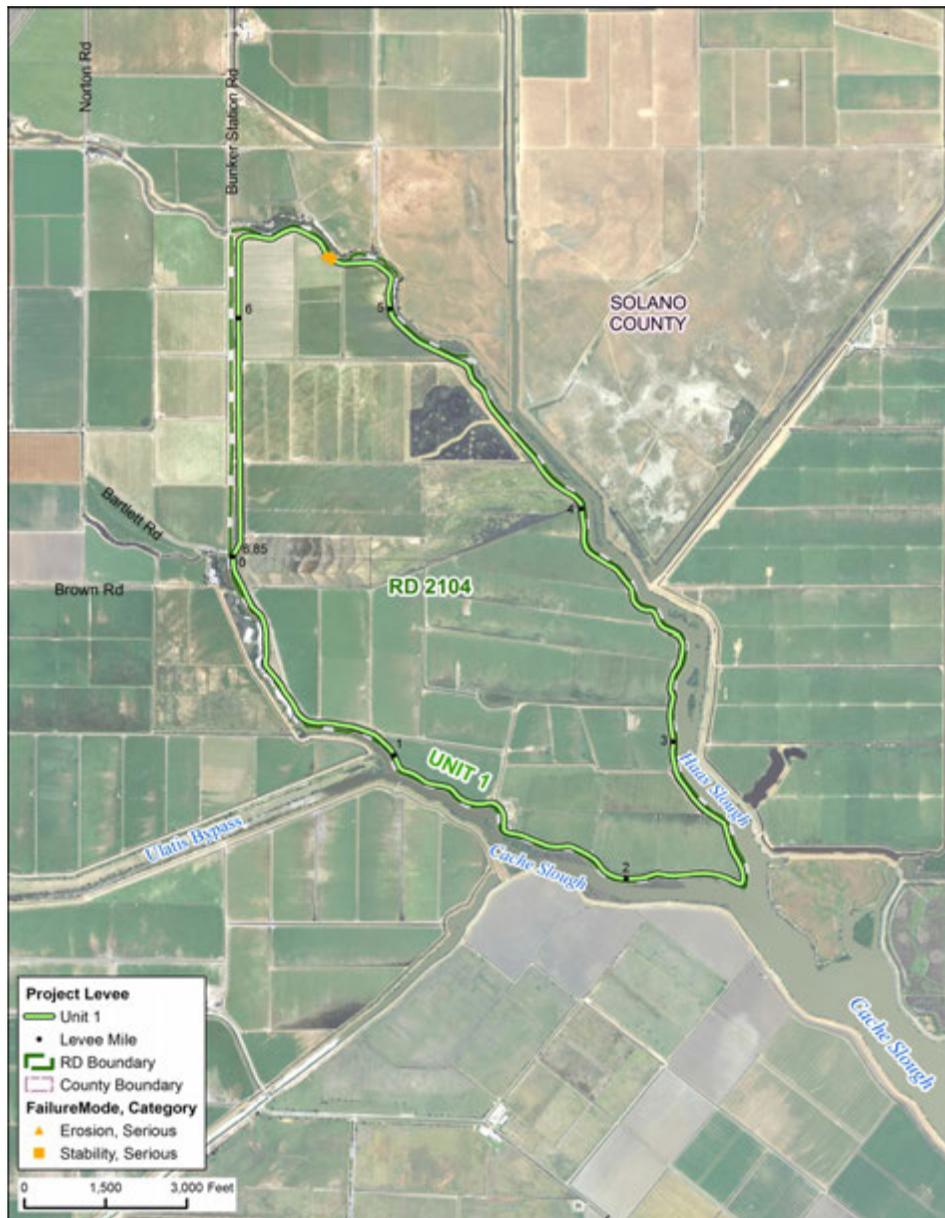
# Reclamation District No. 2104 Peters Pocket Tract

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/Unit No. 02 Haas Slough	LB	6.85

**Threat Assessment & Recommendations**

- There is vegetation that significantly impacts access and visibility in this Area.
- The crown roadway in this Area may not be able to be driven in all types of weather.
- 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**

<b>RD2104</b>	Total LMA Miles		<b>6.85</b>									
	<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>			
	Overall LMA Rating				Overall LMA Rating							
	<b>U</b>				<b>U</b>							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation	21.10	10.94	64.86	<b>947.09</b>	3.12	11.74	50.08	<b>731.27</b>	-17.98	<b>0.80</b>	-14.78	<b>-215.82</b>
Trim / Thin Trees	0.07		0.07	<b>1.02</b>	0.02		0.02	<b>0.29</b>	-0.05		-0.05	<b>-0.73</b>
Erosion / Bank Caving	0.16		0.16	<b>2.34</b>	0.15	0.01	0.19	<b>2.77</b>	-0.01	<b>0.01</b>	<b>0.03</b>	<b>0.44</b>
Crown Surface / Depressions / Rutting	14.53		14.53	<b>212.17</b>	9.96		9.96	<b>145.44</b>	-4.57		-4.57	<b>-66.73</b>
Repair Gates	0.03	0.01	0.07	<b>1.02</b>	0.02	0.02	0.10	<b>1.46</b>	-0.01	<b>0.01</b>	<b>0.03</b>	<b>0.44</b>
Emergency Supplies & Equipment	0.07		0.07	<b>1.02</b>	0.07		0.07	<b>1.02</b>				<b>0.00</b>
Flood Preparedness & Training	0.07		0.07	<b>1.02</b>	0.07		0.07	<b>1.02</b>				<b>0.00</b>
<i>Supplemental</i>												
DWR UCIP Field Study												<b>0.00</b>
<i>LMA Totals:</i>	36.03	10.95	79.83	<b>1,165.68</b>	13.41	11.77	60.49	<b>883.28</b>	-22.62	<b>0.82</b>	-19.34	<b>-282.40</b>

RD 2104

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

No Supplemental Erosion Sites.

**USACE Inspection Ratings Summary**

System Name	Length (Miles)	RIP Status	RIP Date	Rating
RD 2104 - Peters Pocket	6.83	Inactive	06/24/2015	U

**DWR Flood System Repair Project Summary**

**Unit No. 01 Cache Slough/Unit No. 02 Haas Slough**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
FSRP-14-10	Serious	Stability	5.35	5.36	LB	38.323568	-121.752286
DWR_RD2104_01_s_2012_33	Serious	Erosion	5.37	5.36	Right	38.323780	-121.752410

**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 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 on all levee units. Activities include tree trimming and vegetation control.

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

The Agency provided a summary of expenses and planned maintenance activities for all levee units. Expenses include costs of vegetation control. The reported total estimated cost for the current fiscal year is \$1,000.

**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 information relevant to the condition or performance of the levee.

RD 2104

# Adin Community Service District Channels

## 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

**USACE 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

No Supplemental Erosion Sites.

**USACE Inspection Ratings Summary**

No USACE Ratings available.

**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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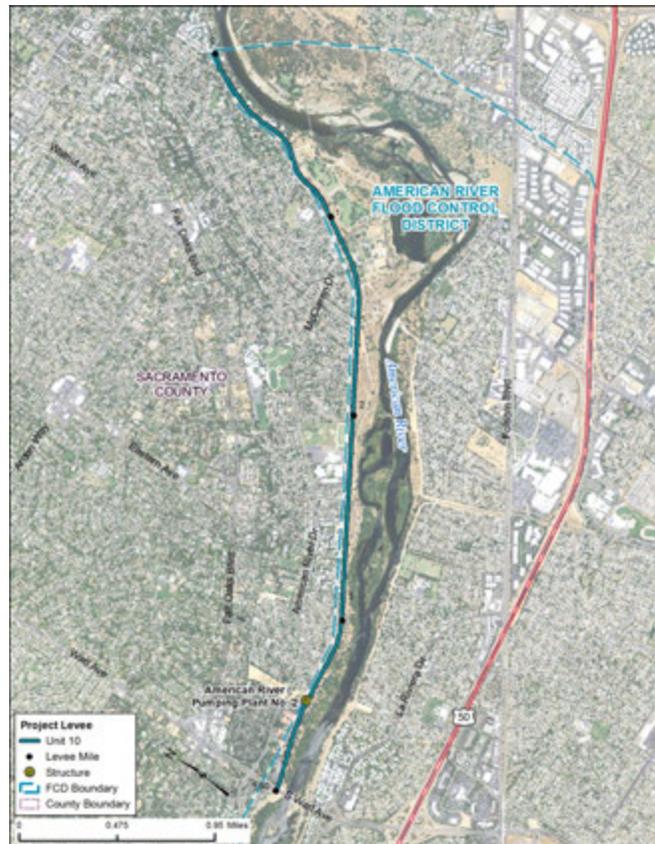
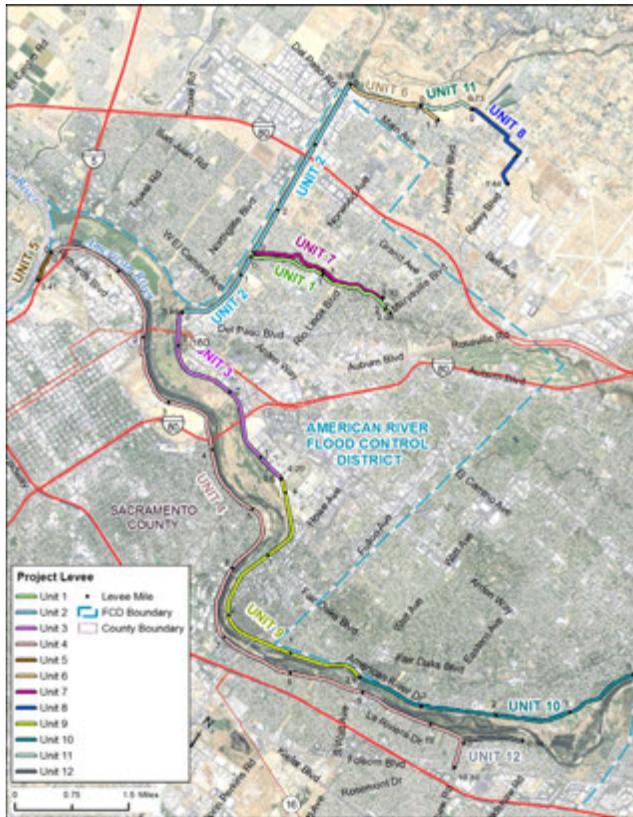
# American River Flood Control District

## Sacramento County

### **Contact**

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

ARFCD



LMA Short Name : NA0001

Bank Unit Length (Miles)

Unit No. 01	Arcade Creek	LB	2.08
Unit No. 02	Natomas E Canal	LB	3.93
Unit No. 03	American River	RB	2.86
Unit No. 04	American River	LB	10.86
Unit No. 05	Sacramento River	LB	0.41
Unit No. 06	Linda Creek	LB	1.30
Unit No. 07	Arcade Creek	RB	1.93
Unit No. 08	Magpie Creek Diversion	LB	1.44
Unit No. 09	American River	RB	4.20
Unit No. 10	American River	RB	3.90
Unit No. 11	New Linda Creek	LB	0.73
Unit No. 12	American River	LB	0.84

**Threat Assessment & Recommendations**

- The LMA should enhance its rodent control program.

**DWR Levee Inspection Summary**

<b>NA0001</b>	Total LMA Miles		<b>34.47</b>									
	<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>			
	Overall LMA Rating		<b>M *</b>		Overall LMA Rating		<b>A</b>					
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	0.01	0.11	<b>0.32</b>	0.04		0.04	<b>0.12</b>	-0.03	-0.01	-0.07	<b>-0.20</b>
Encroachments	0.01		0.01	<b>0.03</b>	0.02		0.02	<b>0.06</b>	0.01		0.01	<b>0.03</b>
Animal Control	0.04		0.04	<b>0.12</b>	0.11		0.11	<b>0.32</b>	0.07		0.07	<b>0.20</b>
Slope Stability	0.04		0.04	<b>0.12</b>	0.07		0.07	<b>0.20</b>	0.03		0.03	<b>0.09</b>
Erosion / Bank Caving	0.01		0.01	<b>0.03</b>					-0.01		-0.01	<b>-0.03</b>
<i>Supplemental</i>												
USACE Erosion Survey	0.01		0.01	<b>0.03</b>	0.04		0.04	<b>0.12</b>	0.03		0.03	<b>0.09</b>
DWR UCIP Field Study												<b>0.00</b>
<i>LMA Totals:</i>	0.18	0.01	0.22	<b>0.64 *</b>	0.28	0.00	0.28	<b>0.81</b>	0.10	-0.01	0.06	<b>0.17</b>

\* 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 2015 Sacramento River Erosion Summary >>> DRAFT DATA <<<**

**Unit No. 04 American River, LB**

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
LAR_1-8_L	1.80	1.61	1.65	eroding	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	Active	05/14/2014	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 elderberry bushes blocking the visibility on Levee Unit 4, LM 2.77, 2.86, 4.51, and 6.24.

**Part 2 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 on Levee Unit 1, LM 1.75, and a repaired erosion site on Levee Unit 3, LM 1.82.

**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 all levee units. Activities include encroachment removal, erosion repair, gate maintenance, inspection, rodent control, roadway grading, and vegetation control. The Agency also provided actions taken on inspection items listed by DWR in the inspection report.

**Part 4 A statement of work and estimated cost for operation 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 general maintenance, management and professional services, equipment rental and repair, encroachment remediation, emergency preparedness, shop supplies, staff training and uniforms, special projects, rodent control, and vegetation control. The reported total estimated cost for the current fiscal year is \$1,755,700.

**Part 5 Any other readily available information contained in the 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**

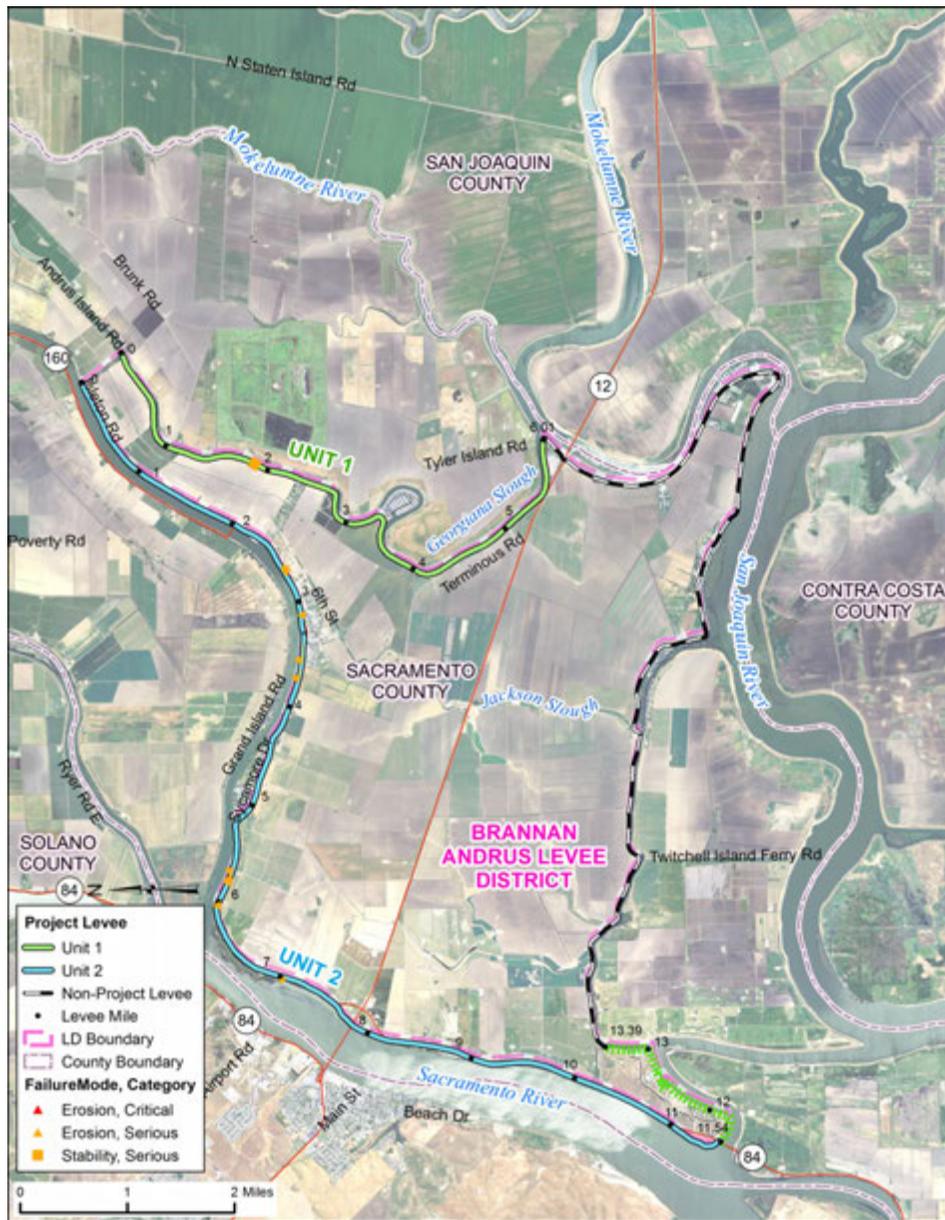
No information provided by the Agency for Part 5.

# Brannan Andrus Levee Maintenance District

**Solano County**

**Contact**

Larry Gardiner  
President  
P.O. Box 338  
Walnut Grove CA 95690  
Phone: (916) 425-1571



LMA Short Name : NA0002		Bank	Unit Length (Miles)
Unit No. 01	Georgiana Slough	RB	6.01
Unit No. 02	Sacramento River	LB	11.54

**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 on repairing erosion sites.

**DWR Levee Inspection Summary**

<b>NA0002</b>	Total LMA Miles		<b>17.55</b>									
	<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>			
	Overall LMA Rating				Overall LMA Rating							
	<b>U</b>				<b>U</b>							
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	0.18	0.09	0.54	<b>3.08</b>	0.54	0.15	1.14	<b>6.49</b>	<b>0.36</b>	<b>0.06</b>	<b>0.60</b>	<b>3.42</b>
Trim / Thin Trees	0.59	0.50	2.59	<b>14.75</b>	0.54	0.82	3.82	<b>21.76</b>	<b>-0.05</b>	<b>0.32</b>	<b>1.23</b>	<b>7.01</b>
Encroachments	0.09		0.09	<b>0.51</b>	0.08		0.08	<b>0.46</b>	<b>-0.01</b>		<b>-0.01</b>	<b>-0.06</b>
Animal Control	0.01		0.01	<b>0.06</b>	0.01		0.01	<b>0.06</b>				<b>0.00</b>
Erosion / Bank Caving					0.01		0.01	<b>0.06</b>	<b>0.01</b>		<b>0.01</b>	<b>0.06</b>
Crown Surface / Depressions / Rutting	0.01		0.01	<b>0.06</b>					<b>-0.01</b>		<b>-0.01</b>	<b>-0.06</b>
<i>Supplemental</i>												
USACE Erosion Survey	0.58	0.47	2.46	<b>14.01</b>	0.34	0.74	3.30	<b>18.80</b>	<b>-0.24</b>	<b>0.27</b>	<b>0.84</b>	<b>4.79</b>
DWR UCIP Field Study												<b>0.00</b>
<i>LMA Totals:</i>	1.46	1.06	5.70	<b>32.47</b>	1.52	1.71	8.36	<b>47.62</b>	<b>0.06</b>	<b>0.65</b>	<b>2.66</b>	<b>15.15</b>

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

**Unit No. 02 Sacramento River, LB**

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
SAC_18-1_L	18.10	2.58	2.63	eroding	M
SAC_18-0_L	18.00	2.66	2.74	eroding	M
SAC_17-2_L	17.20	3.37	3.56	critical	U
SAC_16-8_L	16.80	3.62	3.73	critical	U
SAC_15-0_L	15.00	5.67	5.70	repaired	C
SAC_13-6_L	13.60	6.98	7.04	eroding	M
SAC_12-1_L	12.10	8.20	8.42	critical	U
SAC_11-2_L	11.20	8.96	9.18	critical	U
SAC_10-8_L	10.80	9.78	9.93	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. 02 Sacramento River**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
DWR_NA0002_02_s_2012_18	Serious	Erosion	2.65	2.74	Left	38.165303	-121.600477
DWR_NA0002_02_R_2012_01	Serious	Erosion	3.13		Left	38.162720	-121.608380
DWR_NA0002_02_s_2012_19	Serious	Erosion	3.37	3.56	Left	38.162641	-121.612800
USACE_CESPK_BRN2_2011_p_0392	Serious	Erosion	5.77		Left	38.173000	-121.653740
USACE_CESPK_BRN2_2011_p_0395	Serious	Erosion	5.80		Left	38.173170	-121.654240
DWR_NA0002_02_s_2012_23	Serious	Erosion	7.02	7.04	Left	38.165990	-121.670770

**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 at Levee Unit 2, LM 3.14 and LM 3.40, and waterside toe erosion at Levee Unit 1, LM 4.85. The Agency also reported through-seepage at non-Project Levee Unit 1, LM 1.00 and LM 1.50, and a saturated slope on non-Project Levee Unit 1, LM 2.00, where a French drain does not adequately carry away seepage. The Agency also mentioned crown instability at non-Project Levee Unit 2, LM 4.85, where the crown is constantly shifting toward the landside.

**Part 2 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 toe erosion at Levee Unit 1, LM 4.85, and lateral movement at landside toe depth at non-Project Levee Unit 2, LM 4.85.

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

The Agency provided a summary of maintenance activities performed on all Project and non-Project levees. Activities include ditch cleaning, encroachment control, maintenance oversight, management services, minor erosion repair, mowing, riprap replacement, rodent control, sheep grazing, spraying, and surveying and engineering. Activities also include widening of the levee crown to 16 ft at various locations on non-Project Levee Unit 4.

**Part 4 A statement of work and estimated cost for operation 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 Project and non-Project levees. Expenses include costs of cleaning ditches and toe drains, construction of a seepage blanket and installation of a French drain, encroachment control, installation of a stability berm to arrest lateral levee drift, maintenance oversight, minor erosion repair, mowing, rodent control, seepage control and toe ditch removal, sheep grazing, spraying, and topping off riprap. The reported total estimated cost for the current fiscal year is \$1,690,000.

**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**

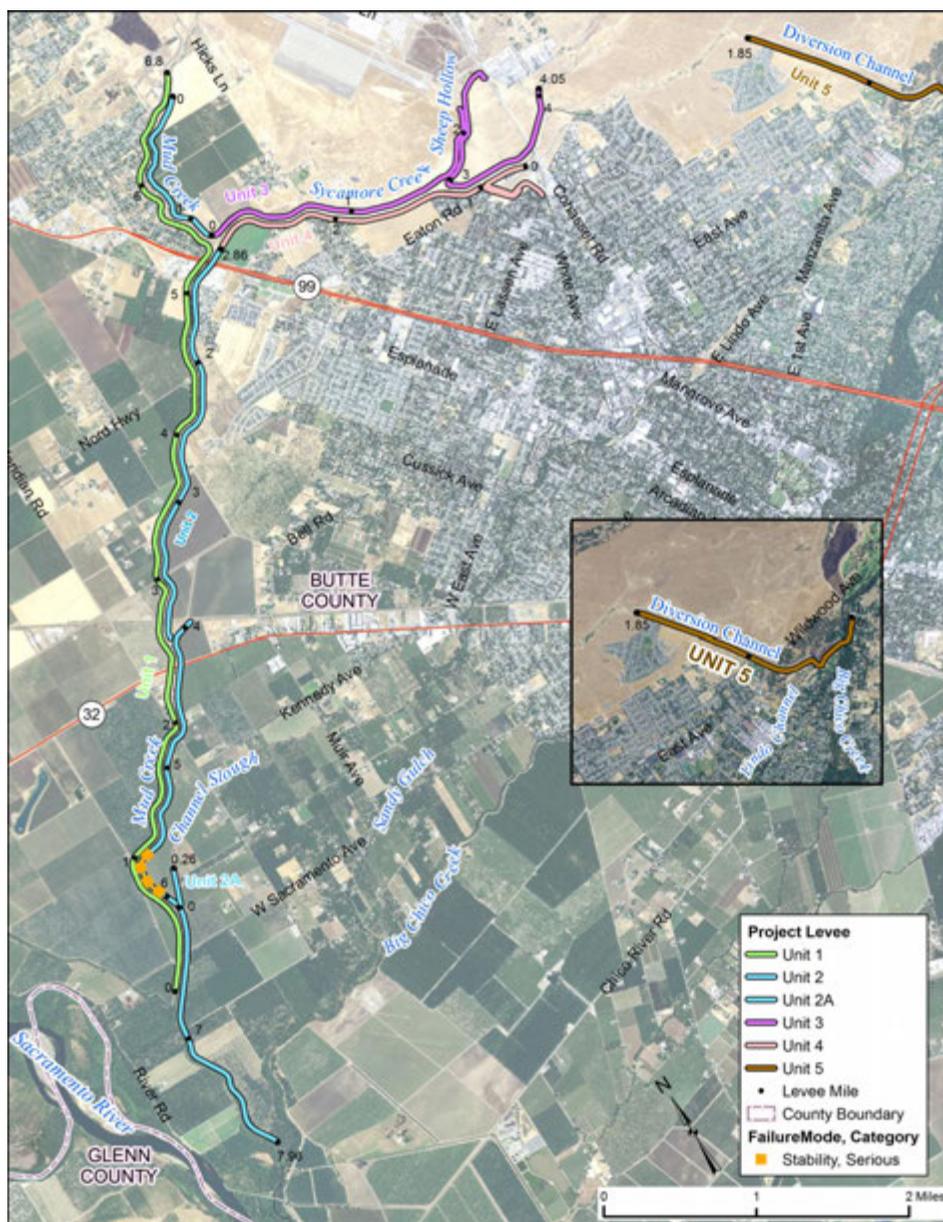
The Agency mentioned geotechnical investigations of the waterside toe erosion at Levee Unit 1, LM 5.70, and a bathymetric survey from 2013. The Agency also mentioned geotechnical investigations and evidence of lateral movement toward the landside at non-Project Levee Unit 2, LM 2.00, and stated that geotechnical monitoring with an inclinometer has been charting lateral movement.

# Butte County Department of Public Works

## Butte County

### **Contact**

Mike Crump  
Director  
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	6.80
Unit No. 02	Mud Creek	LB	7.96
Unit No. 02A	Channel Slough	LB	0.26
Unit No. 03	Sycamore and Sheep Hollow Creeks	RB	4.05
Unit No. 04	Sycamore and Dry Creeks	RB	2.86
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 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.

**DWR Levee Inspection Summary**

<b>NA0003</b>	Total LMA Miles		<b>23.78</b>									
	<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>			
	Overall LMA Rating				Overall LMA Rating							
	<b>A</b>				<b>A</b>							
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	<b>0.55</b>	0.13		0.13	<b>0.55</b>				<b>0.00</b>
Trim / Thin Trees					0.06		0.06	<b>0.25</b>	0.06		0.06	<b>0.25</b>
Encroachments	0.04		0.04	<b>0.17</b>					-0.04		-0.04	<b>-0.17</b>
Animal Control					0.02		0.02	<b>0.08</b>	0.02		0.02	<b>0.08</b>
Slope Stability	0.02		0.02	<b>0.08</b>	0.03		0.03	<b>0.13</b>	0.01		0.01	<b>0.04</b>
<i>Supplemental</i>												
USACE Erosion Survey	0.01		0.01	<b>0.04</b>	0.06		0.06	<b>0.25</b>	0.05		0.05	<b>0.21</b>
DWR UCIP Field Study												<b>0.00</b>
<i>LMA Totals:</i>	0.20	0.00	0.20	<b>0.84</b>	0.30	0.00	0.30	<b>1.26</b>	0.10	0.00	0.10	<b>0.42</b>

**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 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

**Unit No. 01 Mud Creek, RB**

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
MUD_4-4_R		4.26	4.32	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	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
USACE_CESPK_CM2A_2010_p_0075	Serious	Stability	5.63	5.95	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 the entire Sycamore Creek, Mud Creek, and Sandy Gulch system and compliance with the Standard Operation and Maintenance manuals.

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

The Agency reported normal 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**

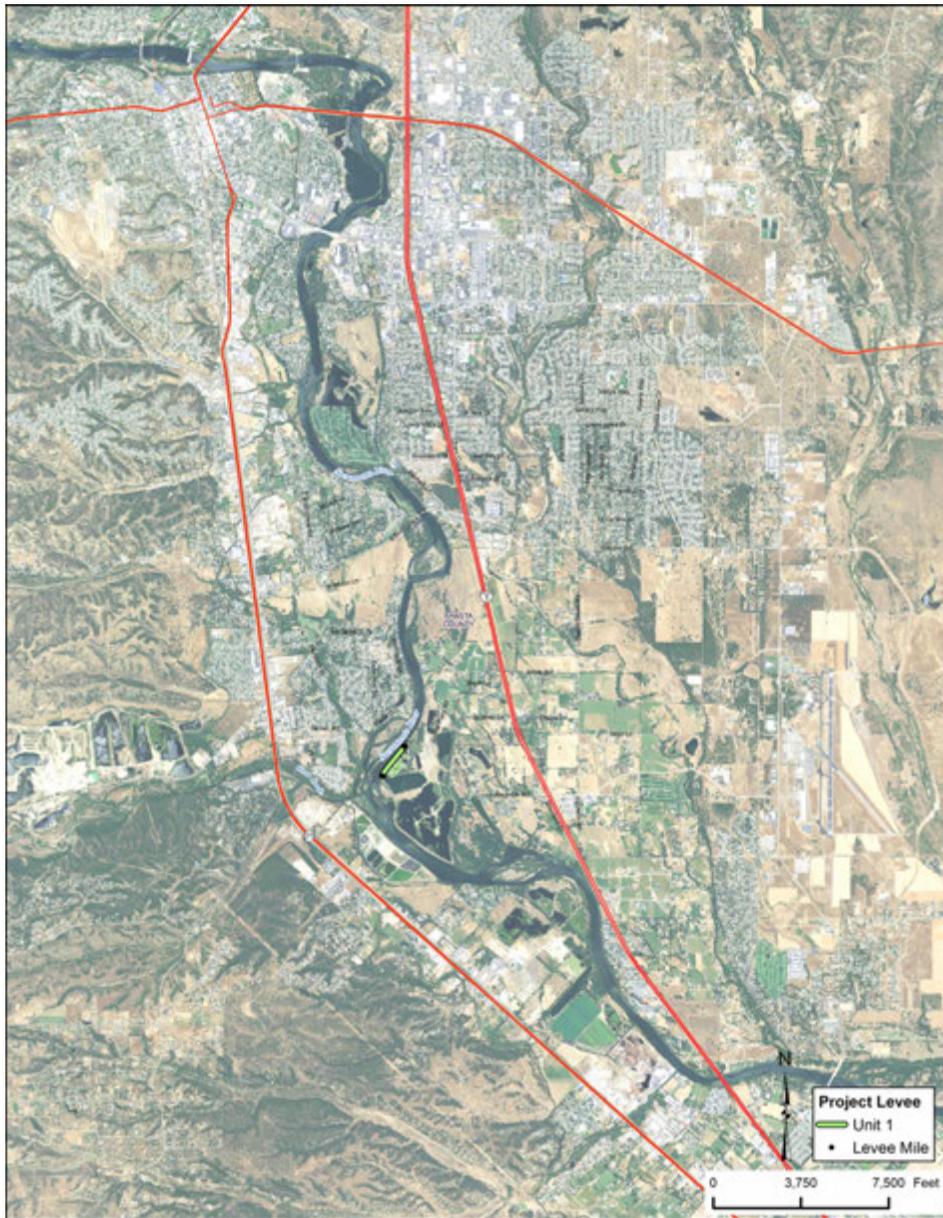
The Agency reported that construction plans, Design Memorandum Number 5, and O&M manual for the system are on file with the Butte County Public Works.

# California Department of Fish and Game Shea Levee

## Shasta County

### **Contact**

Steve Baumgartner  
District Ranger  
601 Locust  
Redding CA 96001  
Phone: (530) 225-2370



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.
- There is woody 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 enhance its rodent control program.

**DWR Levee Inspection Summary**

<b>NA0018</b>												
Total LMA Miles		<b>0.30</b>										
<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>				
Overall LMA Rating				<b>U</b>		Overall LMA Rating				<b>U</b>		
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	<b>73.23</b>	0.27		0.27	<b>89.87</b>	<b>0.05</b>		<b>0.05</b>	<b>16.64</b>
Trim / Thin Trees	0.14		0.14	<b>46.60</b>	0.26		0.26	<b>86.55</b>	<b>0.12</b>		<b>0.12</b>	<b>39.94</b>
Animal Control	0.06		0.06	<b>19.97</b>	0.08		0.08	<b>26.63</b>	<b>0.02</b>		<b>0.02</b>	<b>6.66</b>
Operations & Maintenance Manuals	0.01		0.01	<b>3.33</b>	0.01		0.01	<b>3.33</b>				<b>0.00</b>
Emergency Supplies & Equipment	0.01		0.01	<b>3.33</b>	0.01		0.01	<b>3.33</b>				<b>0.00</b>
Flood Preparedness & Training	0.01		0.01	<b>3.33</b>	0.01		0.01	<b>3.33</b>				<b>0.00</b>
<i>LMA Totals:</i>	0.45	0.00	0.45	<b>149.79</b>	0.64	0.00	0.64	<b>213.03</b>	<b>0.19</b>	0.00	<b>0.19</b>	<b>63.24</b>

Shea Levee

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

No Supplemental Erosion Sites.

**USACE Inspection Ratings Summary**

No USACE Ratings available.

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

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

The Agency reported no activity took place during the previous fiscal year.

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

The Agency provided a summary of planned maintenance activities for the entire levee. Activities include levee inspection 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**

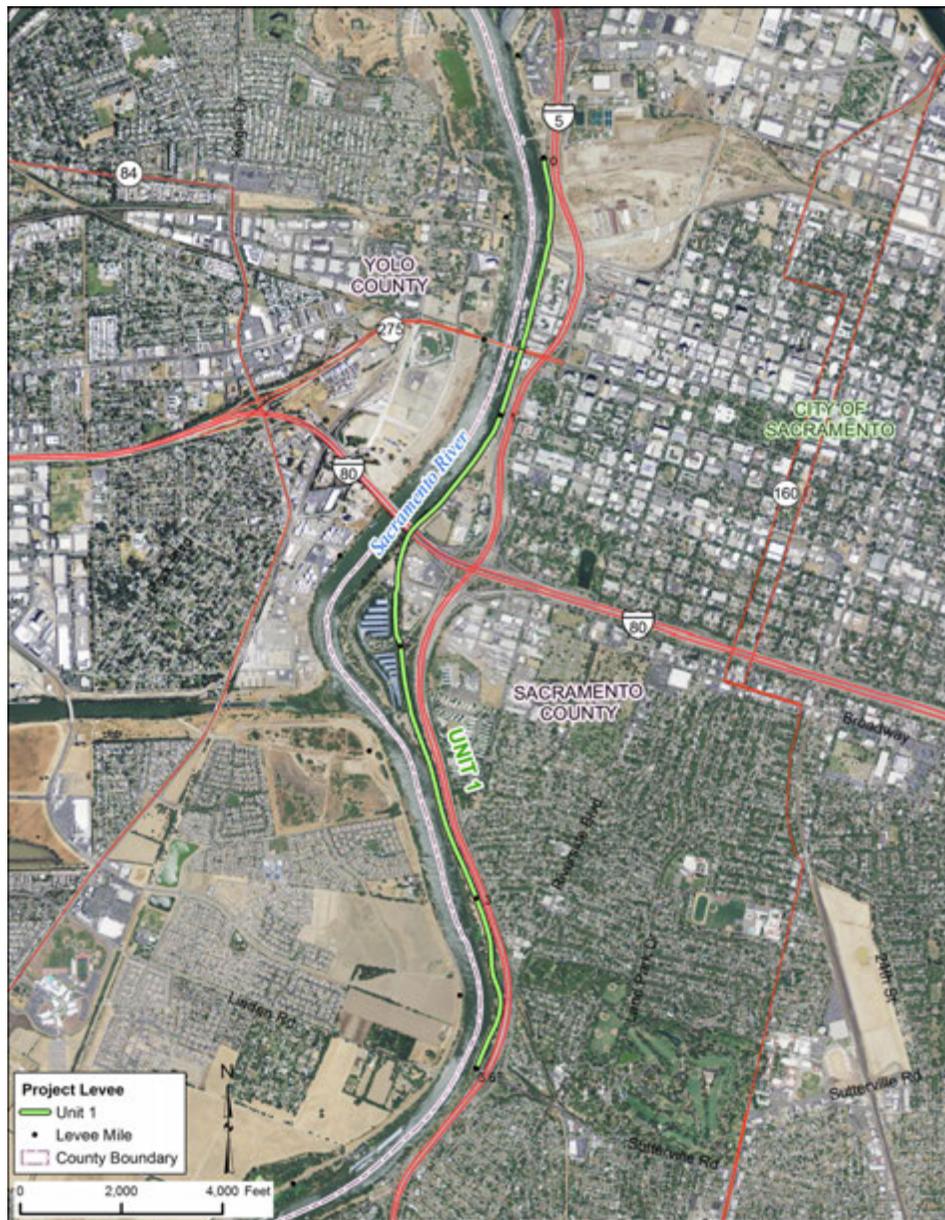
The Agency reported that there is no new information relevant to the condition or performance of the levee.

# City of Sacramento

## Sacramento County

### **Contact**

William Roberts  
Operations Superintendent  
5730 24th Street  
Sacramento CA 95822  
Phone: (916) 808-6955



LMA Short Name : NA0005		Bank	Unit Length (Miles)
Unit No. 01	Sacramento River	LB	3.67

**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.

**DWR Levee Inspection Summary**

<b>NA0005</b>	Total LMA Miles		<b>3.67</b>									
	<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>			
	Overall LMA Rating				Overall LMA Rating							
	<b>A</b>				<b>A</b>							
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	<b>0.27</b>	<b>0.01</b>		<b>0.01</b>	<b>0.27</b>
Slope Stability					0.01		0.01	<b>0.27</b>	<b>0.01</b>		<b>0.01</b>	<b>0.27</b>
<i>Supplemental</i>												
USACE Erosion Survey	0.09		0.09	<b>2.45</b>	0.13		0.13	<b>3.54</b>	<b>0.04</b>		<b>0.04</b>	<b>1.09</b>
DWR UCIP Field Study												<b>0.00</b>
<i>LMA Totals:</i>	0.09	0.00	0.09	<b>2.45</b>	0.15	0.00	0.15	<b>4.08</b>	<b>0.06</b>	0.00	<b>0.06</b>	<b>1.63</b>

City of Sacramento

**DWR Structure Inspection Summary**

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

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary >>> DRAFT DATA <<<**

**Unit No. 01 Sacramento River, LB**

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
SAC_58-5_L	58.50	1.31	1.39	eroding	M
SAC_56-6_L	56.60	2.85	2.90	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	Active	05/14/2014	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 mentioned the maintenance on relief wells installed by USACE is planned for November 2015. The Agency reported on the existing miscellaneous facilities such as buildings, fences, landscaping, and a museum at Levee Unit 1 and provided their locations. The Agency also reported erosion sites at LM 0.77 to 0.79.

**Part 2 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 the 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 accomplished maintenance activities. Activities include CCTV pipe condition assessment, cleaning, erosion repairing, fence repairing, grazing, inspections, mowing, rodent baiting and grouting, spraying, tree trimming, and tree removal.

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

The Agency provided a summary of expenses and planned maintenance activities 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 \$400,000.

**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 its 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 the district is in the process of finalizing permits and the Army Corps of Engineers' Memorandum of Understanding.

# Eastern Honcut Creek

Honcut  
Creek

Yuba County

**Contact**

No Contact Information Available



LMA Short Name : NA0006

Bank Unit Length (Miles)

Unit No. 01 Van Tress

LB

1.46

### Threat Assessment & Recommendations

- There is vegetation that significantly impacts access and visibility in this Area.
- The crown roadway in this Area may not be able to be driven in all types of weather.
- 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**

<b>NA0006</b>	Total LMA Miles		<b>1.46</b>									
	<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>			
	Overall LMA Rating				Overall LMA Rating							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
	<i>Earthen Levee</i>											
Vegetation		2.95	11.80	<b>810.66</b>	1.78	1.10	6.18	<b>424.57</b>	1.78	-1.85	-5.62	<b>-386.09</b>
Trim / Thin Trees		0.01	0.04	<b>2.75</b>		0.01	0.04	<b>2.75</b>				<b>0.00</b>
Crown Surface / Depressions / Rutting					0.59		0.59	<b>40.53</b>	0.59		0.59	<b>40.53</b>
Operations & Maintenance Manuals	0.01		0.01	<b>0.69</b>	0.01		0.01	<b>0.69</b>				<b>0.00</b>
Flood Preparedness & Training	0.01		0.01	<b>0.69</b>	0.01		0.01	<b>0.69</b>				<b>0.00</b>
<i>Supplemental</i>												
DWR UCIP Field Study												<b>0.00</b>
<i>LMA Totals:</i>	0.03	2.96	11.87	<b>815.47</b>	2.40	1.11	6.84	<b>469.91</b>	2.37	-1.85	-5.03	<b>-345.56</b>

Honcut Creek

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

No Supplemental Erosion Sites.

**USACE Inspection Ratings Summary**

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Honcut Creek Area - Eastern	1.45	Inactive	06/20/2014	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.

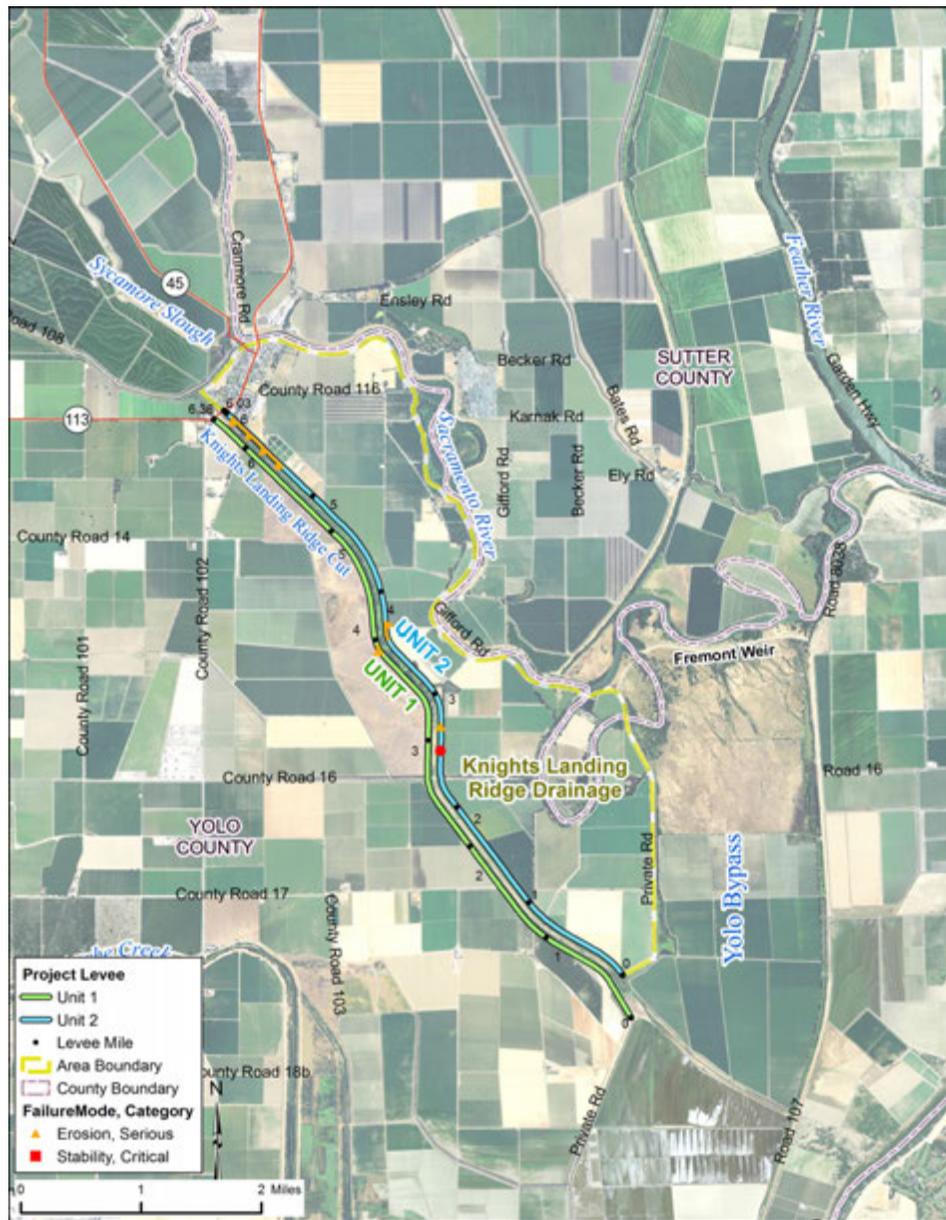
# Knights Landing Ridge Drainage District

Knights  
Landing

## Yolo County

### **Contact**

Lewis Bair  
Manager  
P.O 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	6.36
Unit No. 02	Knights Landing Ridge Cut	LB	6.03

**Threat Assessment & Recommendations**

- There is a significant erosion site in this Area that should be monitored.
- There is vegetation that significantly impacts access and visibility in this Area.
- 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**

Rated Item	Total LMA Miles		Fall 2014		Fall 2015				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		0.01	0.04	0.32	0.73	0.01	0.77	6.22	0.73		0.73	5.89
Encroachments	0.24		0.24	1.94					-0.24		-0.24	-1.94
Animal Control					0.04	0.02	0.12	0.97	0.04	0.02	0.12	0.97
Erosion / Bank Caving	0.01	0.02	0.09	0.73		0.01	0.04	0.32	-0.01	-0.01	-0.05	-0.40
Cracking												0.00
Crown Surface / Depressions / Rutting					0.01		0.01	0.08	0.01		0.01	0.08
<i>Supplemental</i>												
USACE Erosion Survey	0.07		0.07	0.57	1.43		1.43	11.54	1.36		1.36	10.98
DWR UCIP Field Study												0.00
<b>LMA Totals:</b>	0.32	0.03	0.44	3.55 *	2.21	0.04	2.37	19.13	1.89	0.01	1.93	15.58

\* 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 2015 Sacramento River Erosion Summary >>> DRAFT DATA <<<**

**Unit No. 01 Knights Landing Ridge Cut, RB**

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
KLR_3-5_R		3.36	3.44	eroding	M
KLR_3-9_R		3.88	3.95	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		2.72	2.93	eroding	M
KLR_3-1_L		2.98	3.11	eroding	M
KLR_3-7_L		3.60	3.73	eroding	M
KLR_4-7_L		4.30	4.55	eroding	M
KLR_5-8_L		5.36	5.93	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	Inactive	06/20/2014	U
Knights Landing U2 - Yolo Bypass - Service Area 6	15.19	Active	03/09/2015	U

**DWR Flood System Repair Project Summary**

**Unit No. 01 Knights Landing Ridge Cut**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
DWR_NA0008_01_s_2012_2	Serious	Erosion	3.88	3.95	Left	38.764037	-121.701434

**Unit No. 02 Knights Landing Ridge Cut**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
217-6	Critical	Stability	2.50		Left	38.751767	-121.692731
DWR_NA0008_02_s_2012_2	Serious	Erosion	2.72		Left	38.754899	-121.692653
DWR_NA0008_02_s_2012_4	Serious	Erosion	3.60	3.73	Left	38.765522	-121.700608
DWR_NA0008_02_s_2012_6	Serious	Erosion	5.36	5.93	Left	38.786566	-121.716724

Knights  
Landing

**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 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 accomplished maintenance activities for all the levee units. Activities include levee patrolling, roadway maintenance, rodent baiting and monitoring, vegetation burning, clearing, mowing and spraying, and tree thinning and trimming. The Agency also provided actions taken on inspection items listed by DWR in the inspection report. The actions taken include corrected and low priority issues for encroachment, erosion, and vegetation control. The Agency reported the total maintenance cost for the previous fiscal year as \$31,350.

**Part 4 A statement of work and estimated cost for operation 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 levee patrolling, roadway maintenance, 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 \$38,500.

**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 information relevant to the condition or performance of the levee.

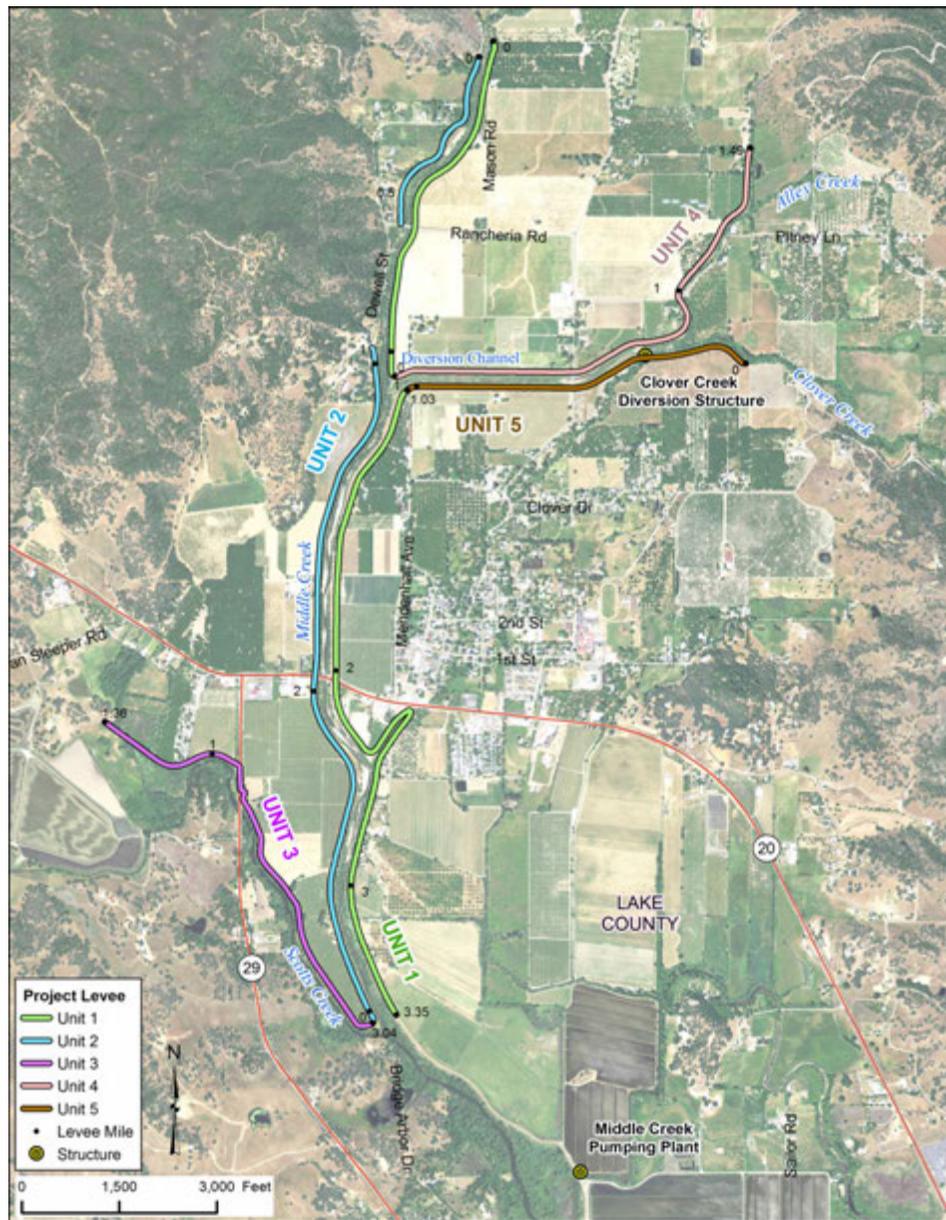
# Lake County Watershed Protection District

Lake  
County

## Lake County

### **Contact**

Scott De Leon  
Director  
255 North Forbes Street  
Suite 309  
Lakeport CA 95453  
Phone: (707) 263-2344



LMA Short Name : NA0009		Bank	Unit Length (Miles)
Unit No. 01	Middle Creek	LB	3.35
Unit No. 02	Middle Creek	RB	2.66
Unit No. 03	Scotts Creek	LB	1.36
Unit No. 04	Page, Alley and Clover Creek Diversion	RB	1.49
Unit No. 05	Clover Creek and Clover Creek Diversion	LB	1.03

**Threat Assessment & Recommendations**

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

**DWR Levee Inspection Summary**

<b>NA0009</b>	Total LMA Miles		<b>9.89</b>									
	<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>			
	Overall LMA Rating				Overall LMA Rating							
	<b>M *</b>				<b>A</b>							
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	<b>2.22</b>	0.24		0.24	<b>2.43</b>	<b>0.02</b>		<b>0.02</b>	<b>0.20</b>
Trim / Thin Trees	0.34		0.34	<b>3.44</b>	0.35		0.35	<b>3.54</b>	<b>0.01</b>		<b>0.01</b>	<b>0.10</b>
Encroachments	0.01		0.01	<b>0.10</b>	0.01		0.01	<b>0.10</b>				<b>0.00</b>
Slope Stability	0.04	0.01	0.08	<b>0.81</b>	0.04		0.04	<b>0.40</b>		<b>-0.01</b>	<b>-0.04</b>	<b>-0.40</b>
<i>Supplemental</i>												
DWR UCIP Field Study												<b>0.00</b>
<i>LMA Totals:</i>	0.61	0.01	0.65	<b>6.57 *</b>	0.64	0.00	0.64	<b>6.47</b>	<b>0.03</b>	<b>-0.01</b>	<b>-0.01</b>	<b>-0.10</b>

\* 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.

Lake County

**DWR Structure Inspection Summary**

Structure Name	Overall Rating
Clover Creek Diversion Structure	A

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

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	01/20/2015	U
Middle Creek left bank - Unit 5 and part of 1	2.34	Inactive	01/20/2015	U
Middle Creek right bank - Unit 2	3.44	Inactive	01/20/2015	U
Middle Creek right bank - Unit 2 north	0.58	Inactive	01/20/2015	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.

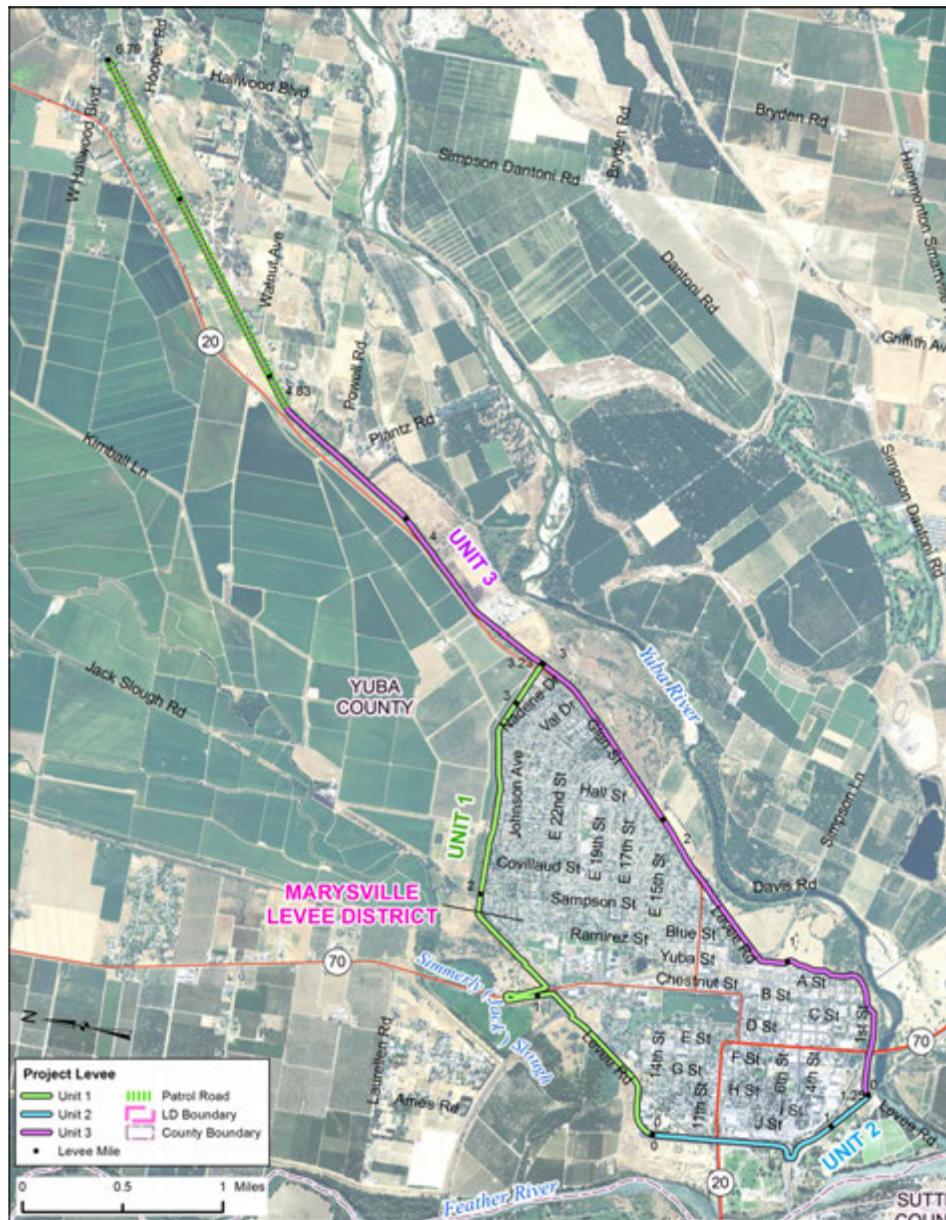
# Marysville Levee Commission

Marysville  
Levee

## Yuba County

### **Contact**

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



LMA Short Name : NA0004		Bank	Unit Length (Miles)
Unit No. 01	Simmerly Slough	LB	3.23
Unit No. 02	Feather River	LB	1.25
Unit No. 03	Yuba River	RB	6.79

**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**

<b>NA0004</b>	Total LMA Miles		<b>11.27</b>									
	<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>			
	Overall LMA Rating				Overall LMA Rating							
	<b>A</b>				<b>U</b>							
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	<b>0.18</b>	4.10		4.10	<b>36.39</b>	<b>4.08</b>		<b>4.08</b>	<b>36.22</b>
Slope Stability					0.01		0.01	<b>0.09</b>	<b>0.01</b>		<b>0.01</b>	<b>0.09</b>
<i>Supplemental</i>												
DWR UCIP Field Study												<b>0.00</b>
<i>LMA Totals:</i>	0.02	0.00	0.02	<b>0.18</b>	4.11	0.00	4.11	<b>36.48</b>	<b>4.09</b>	0.00	<b>4.09</b>	<b>36.30</b>

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

Marysville  
Levee

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

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	09/10/2010	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)**

The Agency reported well maintained conditions of all levee units and perfect levee performance. The Agency also stated encroachments were kept to a minimum, and vegetation was maintained by burning, mowing, tree removal, and weed eaters.

**Part 2 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 accomplished maintenance activities. Activities include burning, disking firebreaks, mowing, and slope dragging. The Agency also reported actions taken on inspection items listed by DWR in the inspection report. The actions taken include corrected issues for vegetation control on 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**

No information provided by the Agency for Part 5.

# Plumas County

## Plumas County

Plumas  
County

### **Contact**

Robert Perreault  
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	1.36

**Threat Assessment & Recommendations**

- There is vegetation that significantly impacts access and visibility in this Area.
- There are one or more locations of unstable slopes and/or cracking 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 Structure inspection.

**DWR Levee Inspection Summary**

<b>NA0015</b>	Total LMA Miles		<b>3.25</b>									
	<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>			
	Overall LMA Rating				Overall LMA Rating							
	<b>U</b>				<b>U</b>							
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	<b>36.93</b>	6.44		6.44	<b>198.17</b>	<b>5.24</b>		<b>5.24</b>	<b>161.24</b>
Slope Stability	0.06	0.09	0.42	<b>12.92</b>	0.05	0.09	0.41	<b>12.62</b>	<b>-0.01</b>		<b>-0.01</b>	<b>-0.31</b>
<i>Supplemental</i>												
DWR UCIP Field Study												<b>0.00</b>
<i>LMA Totals:</i>	1.26	0.09	1.62	<b>49.85</b>	6.49	0.09	6.85	<b>210.78</b>	<b>5.23</b>	0.00	<b>5.23</b>	<b>160.93</b>

**DWR Structure Inspection Summary**

Structure Name	Overall Rating
North Fork Feather River Diversion Channel Drop Structure No. 1	A
North Fork Feather River Diversion Channel Drop Structure No. 2	A
North Fork Feather River Diversion Channel Drop Structure No. 3	A
North Fork Feather River Diversion Channel Drop Structure No. 4	A
North Fork Feather River Diversion Channel Drop Structure No. 5	A
North Fork Feather River Diversion Channel Drop Structure No. 6	A
North Fork Feather River Diversion Channel Drop Structure No. 7	A
North Fork Feather River Diversion Structure	A

Plumas County

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

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	08/26/2015	U
North Fork Feather River at Chester - west levee	1.36	Active	08/26/2015	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 mentioned an ongoing MOU with CA Conservation Crew for vegetation removal on Levee Units 1 and 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)**

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 planned maintenance activities for all levee units. Activities include erosion repair and trimming of vegetation by CA Conservation Crew.

**Part 5 Any other readily available information contained in the 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.

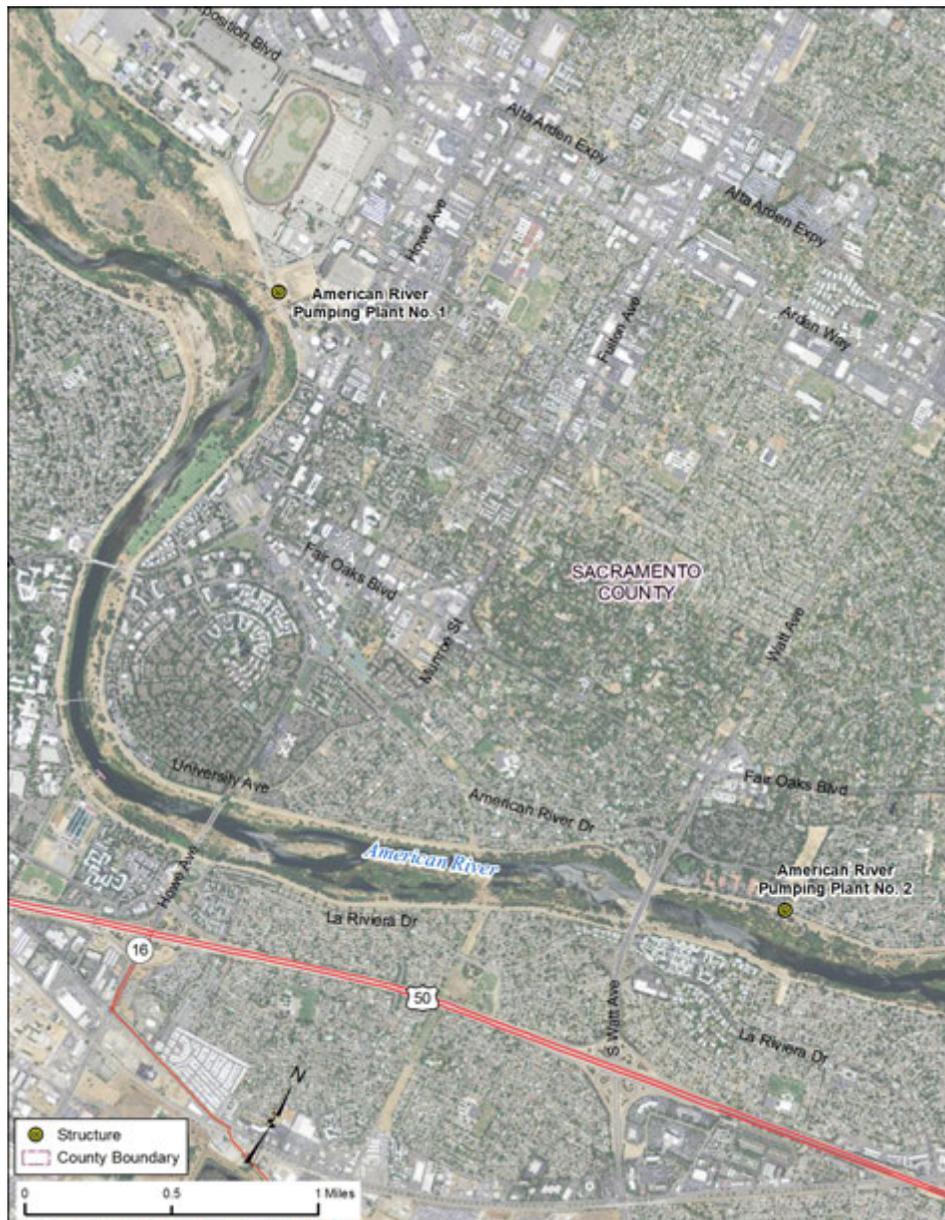
# Sacramento County Structures

Sacramento County

Sacramento  
County

**Contact**

Michael L. Peterson  
Director  
827 Seventh St  
Room 301  
Sacramento CA 95814  
Phone: (916) 874-8913



Sacramento  
County

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
Mayhew Drain Closure Structure	M

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary >>> DRAFT DATA <<<**

No Supplemental Erosion Sites.

Sacramento County

**USACE Inspection Ratings Summary**

No USACE Ratings available.

**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.

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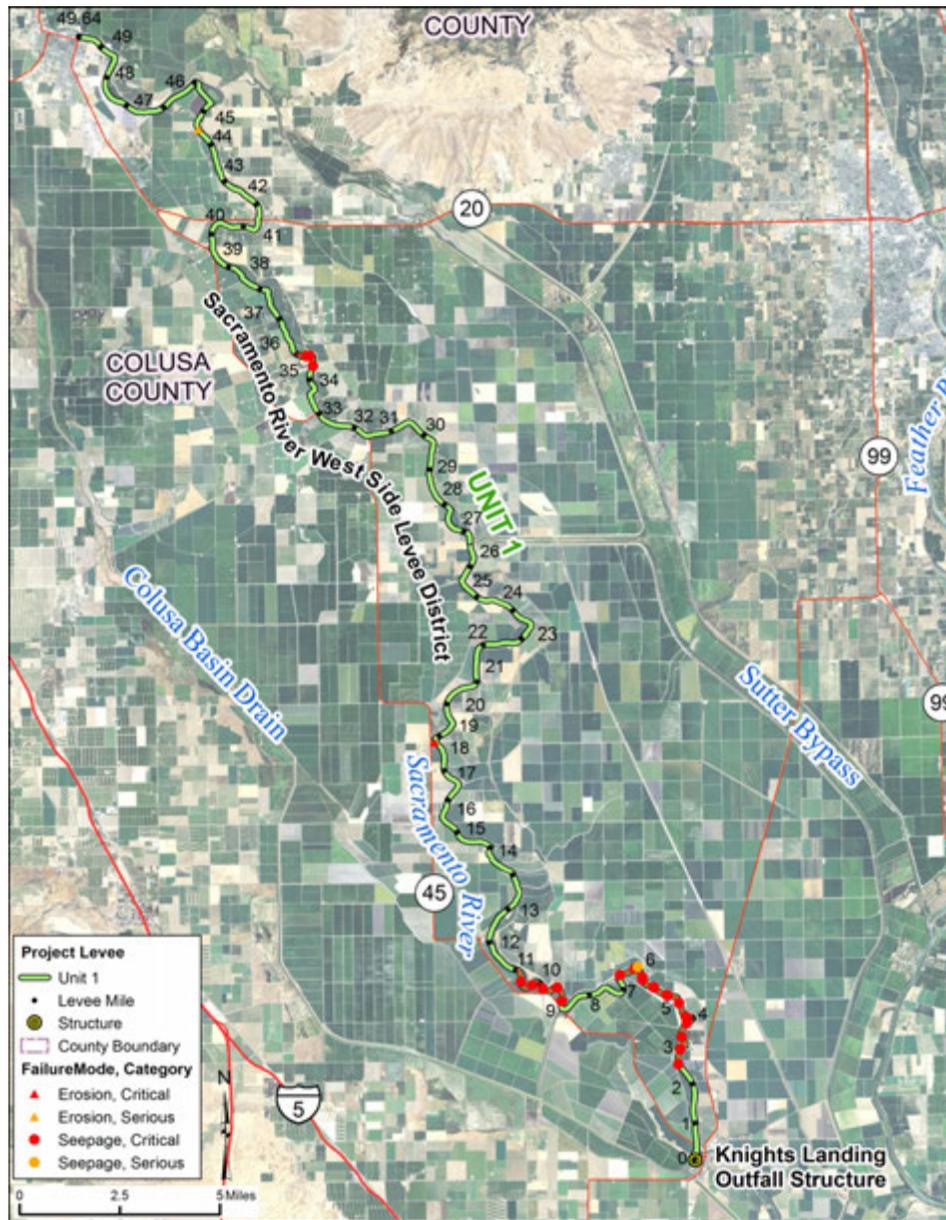
# Sacramento River West Side Levee District

Sacramento County

WSLD

**Contact**

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



LMA Short Name : NA0016	Bank	Unit Length (Miles)
Unit No. 01 Sacramento River	RB	49.64

**Threat Assessment & Recommendations**

- 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**

<b>NA0016</b>	Total LMA Miles		<b>49.64</b>									
	<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>			
	Overall LMA Rating				Overall LMA Rating							
	<b>A</b>				<b>M *</b>							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation					0.43		0.43	<b>0.87</b>	0.43		0.43	<b>0.87</b>
Trim / Thin Trees					0.07		0.07	<b>0.14</b>	0.07		0.07	<b>0.14</b>
Encroachments					0.04		0.04	<b>0.08</b>	0.04		0.04	<b>0.08</b>
Animal Control	0.01		0.01	<b>0.02</b>	0.07	0.01	0.11	<b>0.22</b>	0.06	0.01	0.10	<b>0.20</b>
Slope Stability					0.04		0.04	<b>0.08</b>	0.04		0.04	<b>0.08</b>
Crown Surface / Depressions / Rutting					0.04		0.04	<b>0.08</b>	0.04		0.04	<b>0.08</b>
<i>Supplemental</i>												
USACE Erosion Survey	1.60		1.60	<b>3.22</b>	1.05		1.05	<b>2.12</b>	-0.55		-0.55	<b>-1.11</b>
DWR UCIP Field Study												<b>0.00</b>
<i>LMA Totals:</i>	1.61	0.00	1.61	<b>3.24</b>	1.74	0.01	1.78	<b>3.59 *</b>	0.13	0.01	0.17	<b>0.34</b>

\* 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.

WSLD

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<<

**Unit No. 01 Sacramento River, RB**

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
SAC_101-3_R	101.30	11.50	11.53	eroding	M
SAC_111-0_R	111.00	18.76	18.78	eroding	M
SAC_115-9_R	115.90	23.55	23.65	eroding	M
SAC_118-0_R	118.00	25.75	25.91	eroding	M
SAC_122-0_R	122.00	29.69	29.73	eroding	M
SAC_122-3_R	122.30	29.96	30.00	eroding	M
SAC_123-7_R	123.70	31.43	31.45	eroding	M
SAC_125-6_R	125.60	33.29	33.37	eroding	M
SAC_127-9_R	127.90	35.23	35.33	eroding	M
SAC_136-6_R	136.60	42.90	43.09	eroding	M
SAC_141-5_R	141.50	47.62	47.77	eroding	M
SAC_143-5_R	143.50	49.46	49.57	eroding	M

**USACE Inspection Ratings Summary**

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Sacramento River west bank	119.72	Active	03/09/2015	U

**DWR Flood System Repair Project Summary**

**Unit No. 01 Sacramento River**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
158-40	Serious	Seepage	2.58	5.74	Right	38.834169	-121.731501
158-221	Serious	Seepage	4.75		Right	38.859161	-121.731836
158-29	Serious	Seepage	6.09		Right	38.870470	-121.749657
158-222	Serious	Seepage	9.00	10.96	Right	38.858098	-121.785343
FSRP-13-6	Serious	Erosion	12.32	12.22	Right	38.885090	-121.817030
DWR_NA0016_01_s_2012_2	Critical	Erosion	18.76	18.78	Right	38.954060	-121.840560
FSRP-13-8	Serious	Erosion	22.02	22.06	Right	38.989340	-121.817920
288-226	Serious	Seepage	34.31	35.03	Right	39.091426	-121.895247
288-54	Critical	Seepage	34.65		Right	39.095602	-121.896102
FSRP-13-9	Serious	Erosion	39.33	39.38	Right	39.144840	-121.937880
USACE_CESPK_SWS2_2010_p_0279	Serious	Erosion	43.49		Right	39.179230	-121.945930

**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 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 accomplished maintenance activities. Activities include patrolling, roadway maintenance, rodent baiting, and vegetation burning, mowing, and spraying. The Agency also provided actions taken on inspection items listed by DWR in the inspection report. The actions taken include corrected, low priority, and work in progress for animal control, encroachments, and vegetation control. The reported total maintenance cost for the previous fiscal year was \$189,900.

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

The Agency provided a summary of expenses and planned maintenance activities for all levee units. Expenses include costs of periodic inspection, levee patrolling, roadway maintenance, rodent baiting and monitoring, and vegetation burning, mowing, and spraying. The reported total estimated cost for the current fiscal year is \$161,000.

**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 information relevant to the condition or performance of the 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 woody vegetation.
- The LMA should continue to maintain the area at the high level seen during the last inspection.

**DWR Levee Inspection Summary**

<b>NA0012</b>	Total LMA Miles		<b>0.59</b>									
	<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>			
	Overall LMA Rating				Overall LMA Rating							
	<b>A</b>				<b>M *</b>							
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	<b>1.69</b>	0.01		0.01	<b>1.69</b>				<b>0.00</b>
Trim / Thin Trees						0.01	0.04	<b>6.75</b>		<b>0.01</b>	<b>0.04</b>	<b>6.75</b>
Flood Preparedness & Training	0.01		0.01	<b>1.69</b>					<b>-0.01</b>		<b>-0.01</b>	<b>-1.69</b>
<i>LMA Totals:</i>	0.02	0.00	0.02	<b>3.37</b>	0.01	0.01	0.05	<b>8.43 *</b>	<b>-0.01</b>	<b>0.01</b>	<b>0.03</b>	<b>5.06</b>

\* 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 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

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	Inactive	07/22/2015	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 excessive vegetation growth on the levee road and noted mowing is scheduled for early October.

**Part 2 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 loss of high ground where the levee originally ends as shown on the as-built drawing.

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

The Agency provided a summary of accomplished maintenance activities for Levee Unit 1. Activities include gate maintenance, levee crown grading, and vegetation mowing. The Agency also provided actions taken on inspection items listed by DWR in the inspection report. The actions 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 planned maintenance activities. Expenses include costs of roadway maintenance, levee patrolling, vegetation mowing and spraying, and tree trimming. The reported total estimated cost for the current fiscal year is \$8,900.

**Part 5 Any other readily available information contained in the 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 information relevant to the condition or performance of the levee.

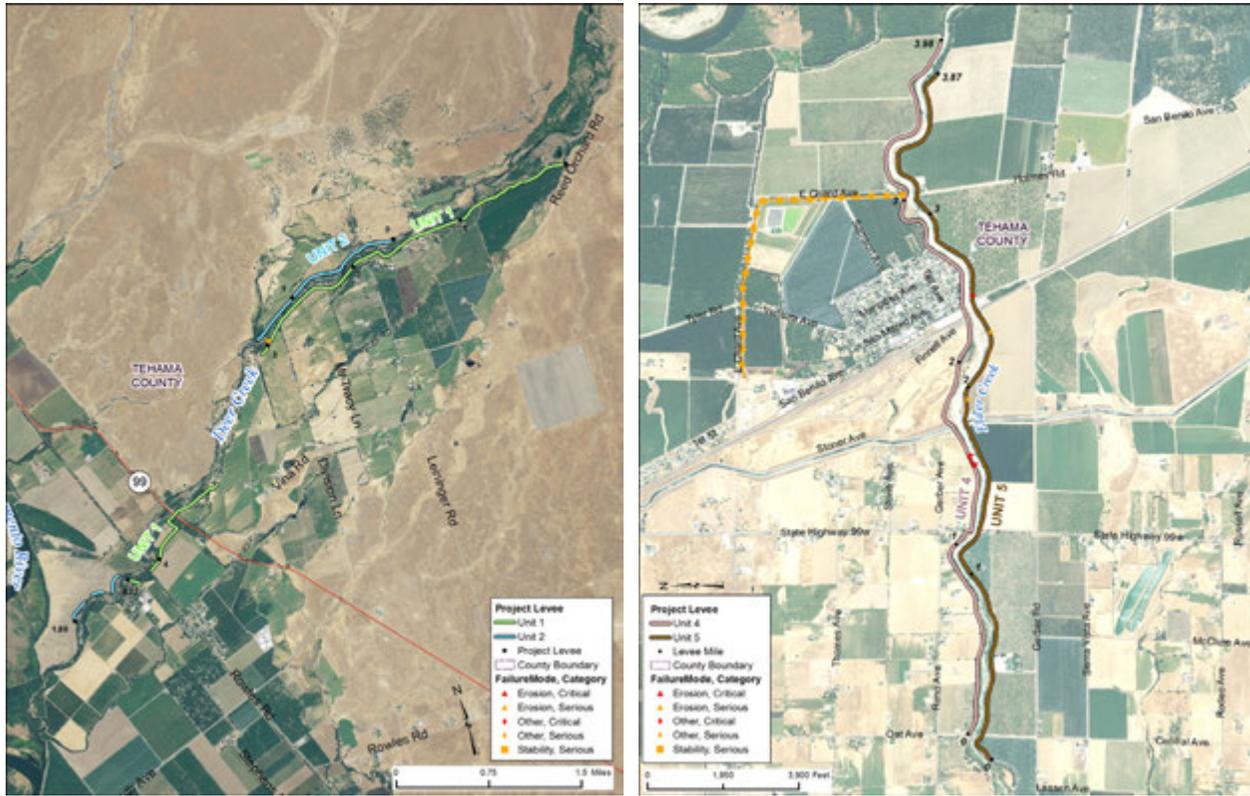
# Tehama County Flood Control and Water Conservation District

## Tehama County

Tehama  
County

### **Contact**

Gary Antone  
Public Works Director  
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	4.22
Unit No. 02	Deer Creek	RB	1.89
Unit No. 04	Elder Creek	LB	3.98
Unit No. 05	Elder Creek	RB	3.87

**Threat Assessment & Recommendations**

- There is erosion occurring in this Area that should be monitored.
- There is vegetation that significantly impacts access and visibility in this Area.
- The LMA should focus on repairing erosion sites.
- 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.

**SACRAMENTO SYSTEM : Tehama County Flood Control and Water Conservation District**

**DWR Levee Inspection Summary**

Rated Item	Total LMA Miles		13.97									
	Fall 2014				Fall 2015				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	1.40		1.40	10.02	1.25		1.25	8.95	-0.15		-0.15	-1.07
Encroachments	0.07		0.07	0.50	0.07		0.07	0.50				0.00
Animal Control	0.04		0.04	0.29	0.01		0.01	0.07	-0.03		-0.03	-0.21
Slope Stability	0.36		0.36	2.58	0.37		0.37	2.65	0.01		0.01	0.07
Erosion / Bank Caving	0.04		0.04	0.29	0.05	0.41	1.69	12.10	0.01	0.41	1.65	11.81
<i>Supplemental</i>												
USACE Erosion Survey	0.16		0.16	1.15	0.15		0.15	1.07	-0.01		-0.01	-0.07
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	2.07	0.00	2.07	14.82	1.90	0.41	3.54	25.34	-0.17	0.41	1.47	10.52

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

Channel Name	Overall Rating
McClure Creek	M
Salt Creek	A

Tehama County

**USACE 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

**Unit No. 01 Deer Creek, LB**

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
DEC_2-4_L		2.96	2.98	eroding	M

**Unit No. 02 Deer Creek, RB**

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
DEC_0-9_R		0.85	0.90	eroding	M

**Unit No. 04 Elder Creek, LB**

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
ELC_1-4_L		1.43	1.49	eroding	M

**Unit No. 05 Elder Creek, RB**

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
ELC_3-0_R		3.01	3.03	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	Inactive	09/08/2014	U
Deer Creek left bank, Unit 1 west - Tehama County	1.14	Inactive	09/08/2014	U
Deer Creek right bank, Unit 2 - Tehama County	1.45	Inactive	09/08/2014	U
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 No. 01 Deer Creek**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
FSRP-14-33	Serious	Erosion	2.76	2.79	LB	39.964940	-122.028830
DWR_NA0019_01_s_2012_1	Serious	Erosion	2.96	2.98	Left	39.962910	-122.031421

**Unit No. 04 Elder Creek**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
DWR_NA0019_04_s_2012_9	Critical	Erosion	1.43	1.49	Left	40.051596	-122.164179
24-4	Serious	Stability	3.03		Right	40.056377	-122.138912
57-2004	Critical	Other	3.73	3.93	Left	40.055820	-122.128270

**Unit No. 05 Elder Creek**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
FSRP-13-16	Critical	Erosion	1.92	1.94	Right	40.052220	-122.158270

**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 are no new concerns or issues with the current levee operation or maintenance of all levee units except the repair of an overtopping section of Levee Unit 4 and the repair of an erosion section of Levee Unit 5.

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

The Agency reported two erosion sites on Levee Unit 1, identified as DWR Inspection Items 39 and 17, at LM 2.78 and LM 0.01. The Agency stated that Item 39 will be monitored during high water events and repaired in fall 2016, and the landowner at Item 17, which is associated with a landside irrigation ditch, has been asked to repair the erosion. The Agency also referred to several erosion sites on Levee Unit 4, LM 1.43 to 1.49, and on both water and landside and levee crown between LM 3.78 and 3.93. These issues have been identified as DWR Inspection Items 9, 22, 23, and 24. The Agency also reported significant erosion with the potential of causing levee failure on Levee Unit 5, LM 1.96, identified as DWR Inspection Item 15. The Agency mentioned that most of these erosion problems are planned to be repaired through the FSRP program. The Agency also stated that there are no current levee integrity issues 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 performed maintenance activities. Activities include vegetation control on all levee units and rodent control on Levee Unit 4 and 5. The reported total maintenance cost for the previous fiscal year was \$30,725.

**Part 4 A statement of work and estimated cost for operation 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 clearing flap gates, rodent control, and vegetation control. The reported total estimated cost for the current fiscal year is \$35,500.

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

The Agency referred to erosion sites on Levee Unit 4, LM 3.78 to 3.93, DWR Inspection Items 22, 23, and 24, which were caused by overtopping in December 2014. The repair of this section is planned for October 2015 and is estimated to cost \$252,000. The Agency also reported significant erosion at Levee Unit 5, LM 1.96, DWR Inspection Item 15, caused by high flow events in December 2014. The repair of this section is planned for October 2015 through summer 2016 and is estimated to cost \$654,000. The Agency is working with DWR through the FSRP program to fund the repair projects. FSRP proposals also have been drafted to repair 8.5 miles of patrol roads on all four levee units. The reported total estimated cost of the road repair is \$300,000, with a 10 % cost share by the Agency. The Agency also stated that additional applications will be submitted to the FSRP program to repair additional erosion sites and mentioned that DWR is planning a project for summer 2016 to remove 100,000 cubic yards of sediment and vegetation from Elder Creek to reestablish levee design capacity. The Agency also mentioned that an Emergency Operations Plan and a Flood Contingency Map for both the Elder and Deer Creek levee systems are being developed and will be finalized in early 2016.

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# Yolo County Planning Resources and Public Works

## Yolo County

### **Contact**

Taro Echiburu  
Director of Planning and Public Works  
292 West Beamer Street  
Woodland CA 95695  
Phone: (530) 666-8775



LMA Short Name : NA0021		Bank	Unit Length (Miles)
Unit No. 01	Right Bank Cache Creek	RB	0.59

**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.

**DWR Levee Inspection Summary**

Rated Item	Total LMA Miles		0.59									
	Fall 2014				Fall 2015				Change			
	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	0.38	0.25	1.38	<b>235.16</b>	0.61	0.20	1.41	<b>240.27</b>	0.23	-0.05	0.03	<b>5.11</b>
Trim / Thin Trees	0.08		0.08	<b>13.63</b>	0.03		0.03	<b>5.11</b>	-0.05		-0.05	<b>-8.52</b>
Animal Control						0.04	0.16	<b>27.26</b>		0.04	0.16	<b>27.26</b>
Slope Stability					0.01		0.01	<b>1.70</b>	0.01		0.01	<b>1.70</b>
Operations & Maintenance Manuals		0.02	0.09	<b>15.34</b>		0.02	0.09	<b>15.34</b>				<b>0.00</b>
<i>Supplemental</i>												
DWR UCIP Field Study												<b>0.00</b>
<i>LMA Totals:</i>	0.46	0.27	1.55	<b>264.13</b>	0.65	0.26	1.70	<b>289.69</b>	0.19	-0.01	0.15	<b>25.56</b>

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

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	Inactive	06/20/2014	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.

# Yolo County Service Area 6

## Yolo County

### **Contact**

Taro Echiburu  
Director of Planning and Public Works  
292 West Beamer Street  
Woodland CA 95695  
Phone: (530) 666-8775



LMA Short Name : NA0022	Bank	Unit Length (Miles)
Unit No. 01 Right Bank of Sacramento River at Knights Landing	RB	5.87

**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 focus on repairing erosion sites.

**DWR Levee Inspection Summary**

<b>NA0022</b>	Total LMA Miles		<b>5.87</b>									
	<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>			
	Overall LMA Rating				Overall LMA Rating							
	<b>U</b>				<b>U</b>							
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	7.24	0.34	8.60	<b>146.60</b>	3.76	0.25	4.76	<b>81.14</b>	-3.48	-0.09	-3.84	<b>-65.46</b>
Trim / Thin Trees	0.05	0.01	0.09	<b>1.53</b>	0.13	0.01	0.17	<b>2.90</b>	0.08		0.08	<b>1.36</b>
Encroachments	0.28		0.28	<b>4.77</b>	0.04		0.04	<b>0.68</b>	-0.24		-0.24	<b>-4.09</b>
Animal Control	0.06		0.06	<b>1.02</b>	0.03	0.02	0.11	<b>1.88</b>	-0.03	0.02	0.05	<b>0.85</b>
Slope Stability					0.02		0.02	<b>0.34</b>	0.02		0.02	<b>0.34</b>
Erosion / Bank Caving	0.01		0.01	<b>0.17</b>	0.02		0.02	<b>0.34</b>	0.01		0.01	<b>0.17</b>
Crown Surface / Depressions / Rutting					0.02		0.02	<b>0.34</b>	0.02		0.02	<b>0.34</b>
Operations & Maintenance Manuals	0.06		0.06	<b>1.02</b>	0.06		0.06	<b>1.02</b>				<b>0.00</b>
<i>Supplemental</i>												
USACE Erosion Survey	0.91		0.91	<b>15.51</b>	0.48		0.48	<b>8.18</b>	-0.43		-0.43	<b>-7.33</b>
DWR UCIP Field Study												<b>0.00</b>
<i>LMA Totals:</i>	8.61	0.35	10.01	<b>170.63</b>	4.56	0.28	5.68	<b>96.82</b>	-4.05	-0.07	-4.33	<b>-73.81</b>

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

**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	5.67	5.85	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	Active	03/09/2015	U

**DWR Flood System Repair Project Summary**

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

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
162-2026	Serious	Seepage	3.39	3.28	Right	38.777515	-121.687111
162-2005	Serious	Seepage	5.69	5.60	Right	38.758577	-121.670615
DWR_NA0022_01_s_2012_5	Serious	Erosion	5.79		Right	38.758948	-121.669103

**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 burrow holes and vegetation issues at various locations 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 erosion on Levee Unit 1, LM 5.85.

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

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

**Part 4 A statement of work and estimated cost for operation 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, tree trimming, and vegetation control. The reported total estimated cost for the current fiscal year is \$40,000.

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

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



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.
- 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
Cache Creek Settling Basin Weir And Drainage Structure	A
Fremont Weir	A
Knights Landing Outfall Structure	A
Paradise Dam	M
Sacramento Weir	A

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary >>> DRAFT DATA <<<**

No Supplemental Erosion Sites.

**USACE Inspection Ratings Summary**

No USACE Ratings available.

**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

Cache  
Creek



LMA Short Name : ST0001		Bank	Unit Length (Miles)
Unit No. 01	North Levee	LB	11.69
Unit No. 02	South Levee	RB	11.48
Unit No. 04	East Training Levee of Cache Creek Settling Basin	LB	2.26

**Threat Assessment & Recommendations**

- 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**

<b>ST0001</b>	Total LMA Miles		<b>25.43</b>									
	<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>			
	Overall LMA Rating				Overall LMA Rating							
	<b>A</b>				<b>M *</b>							
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	<b>0.59</b>	0.20		0.20	<b>0.79</b>	<b>0.05</b>		<b>0.05</b>	<b>0.20</b>
Trim / Thin Trees					0.01		0.01	<b>0.04</b>	<b>0.01</b>		<b>0.01</b>	<b>0.04</b>
Encroachments	0.07		0.07	<b>0.28</b>	0.06		0.06	<b>0.24</b>	<b>-0.01</b>		<b>-0.01</b>	<b>-0.04</b>
Animal Control					0.09		0.09	<b>0.35</b>	<b>0.09</b>		<b>0.09</b>	<b>0.35</b>
Slope Stability					0.04		0.04	<b>0.16</b>	<b>0.04</b>		<b>0.04</b>	<b>0.16</b>
<i>Supplemental</i>												
USACE Erosion Survey	0.21		0.21	<b>0.83</b>	0.24	0.04	0.40	<b>1.57</b>	<b>0.03</b>	<b>0.04</b>	<b>0.19</b>	<b>0.75</b>
DWR UCIP Field Study												<b>0.00</b>
<i>LMA Totals:</i>	<b>0.43</b>	<b>0.00</b>	<b>0.43</b>	<b>1.69</b>	<b>0.64</b>	<b>0.04</b>	<b>0.80</b>	<b>3.15 *</b>	<b>0.21</b>	<b>0.04</b>	<b>0.37</b>	<b>1.46</b>

\* 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 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<<

**Unit No. 01 North Levee, LB**

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
CHC_2-4_L		2.57	2.61	critical	U
CHC_2-8_L		2.82	2.86	eroding	M
CHC_3-4_L		3.48	3.57	eroding	M
CHC_3-9_L		3.88	3.96	repaired	C
CHC_4-2_L		4.14	4.29	repaired	C

**Unit No. 02 South Levee, RB**

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
CHC_3-5_R		3.53	3.60	eroding	M
CHC_5-4_L		5.33	5.37	eroding	M

**USACE Inspection Ratings Summary**

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Cache Creek - RD 2035 - Willow Bypass	29.21	Inactive	06/20/2014	U
Cache Crk U1 - Yolo Bypass U2 - Knights Landing U1	19.49	Inactive	06/20/2014	U
Yolo Bypass West Levee - Cache Creek Unit 4	3.41	Inactive	06/20/2014	U

**DWR Flood System Repair Project Summary**

**Unit No. 01 North Levee**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
DWR_ST0001_01_s_2012_18	Serious	Erosion	2.57	2.61	Left	38.732836	-121.797893
DWR_ST0001_01_s_2012_30	Critical	Erosion	2.82	2.86	Left	38.734067	-121.793713
DWR_ST0001_01_s_2012_35	Serious	Erosion	5.33	5.37	Left	38.722933	-121.760561

**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 erosion at Levee Unit 1, LM 3.90 to 4.20.

**Part 2 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 regional subsidence issues in this area.

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

The Agency provided actions taken on inspection items listed by DWR in the inspection report. The actions taken include corrected issues for encroachments, slope stability, tree trimming, and vegetation control issues.

**Part 4 A statement of work and estimated cost for operation 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 removal, minor structure repairs, inspections, roadway grading, rodent control, mowing, burning, dragging of slopes, tree maintenance and vegetation control. The reported total estimated cost for the current fiscal year is \$800,000.

**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 easements on Cache Creek have been surveyed and the district will start identifying the encroachments within the levee easements to address them.

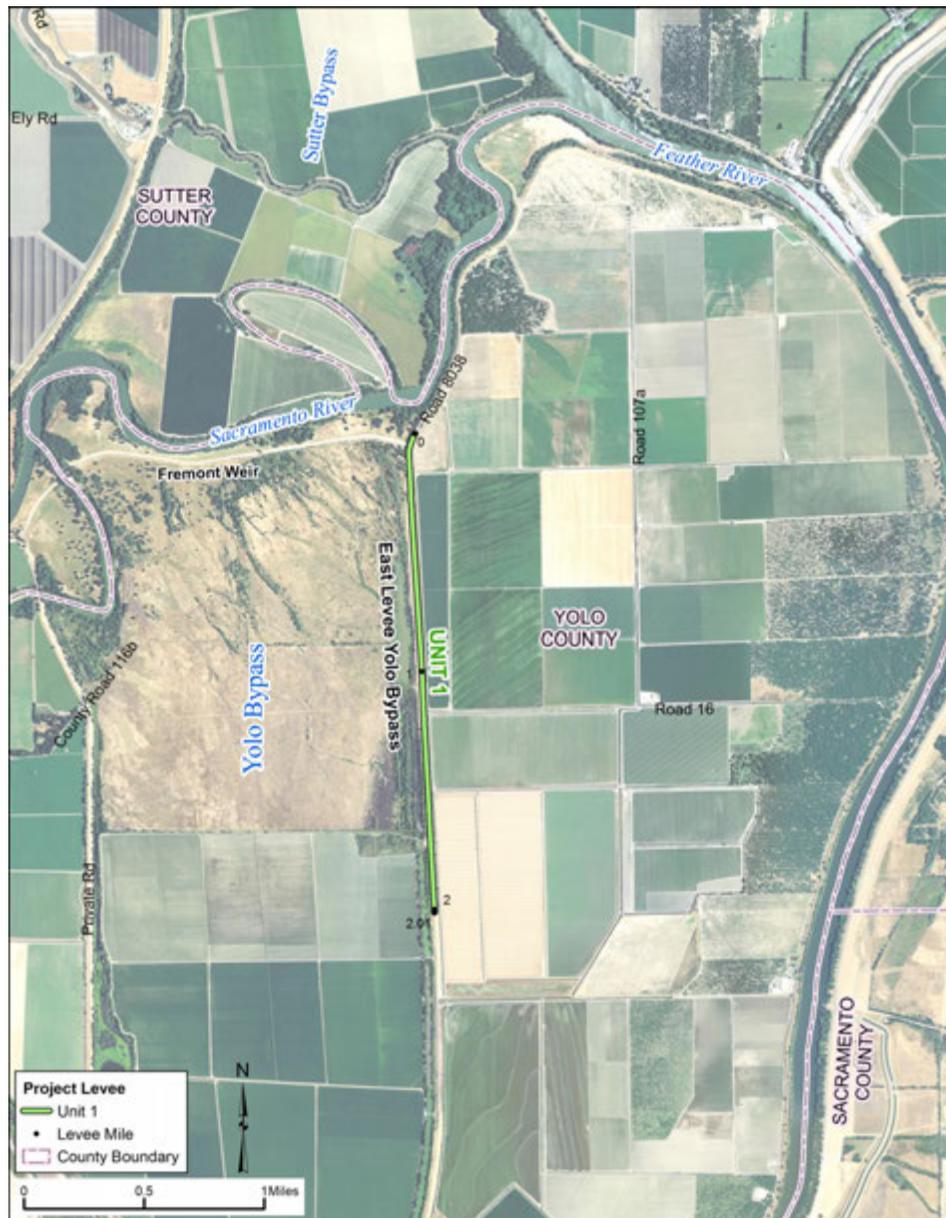
# Sacramento Maintenance Yard East Levee Yolo Bypass

**Yolo County**

**Contact**

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

East Levee  
Yolo



LMA Short Name : ST0004	Bank	Unit Length (Miles)
Unit No. 01 Yolo Bypass	LB	2.01

**Threat Assessment & Recommendations**

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

**DWR Levee Inspection Summary**

<b>ST0004</b>	Total LMA Miles		<b>2.01</b>									
	<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>			
	Overall LMA Rating				Overall LMA Rating							
	<b>A</b>				<b>A</b>							
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	<b>0.50</b>	<b>0.01</b>		<b>0.01</b>	<b>0.50</b>
Animal Control					0.01		0.01	<b>0.50</b>	<b>0.01</b>		<b>0.01</b>	<b>0.50</b>
<i>LMA Totals:</i>	0.00	0.00	0.00	<b>0.00</b>	0.02	0.00	0.02	<b>0.99</b>	<b>0.02</b>	0.00	<b>0.02</b>	<b>0.99</b>

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

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	Inactive	10/10/2014	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 stated that there is no new information to report on 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 actions taken on inspection items listed by DWR in the inspection report. The actions taken include corrected issues for crown surface depressions 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**

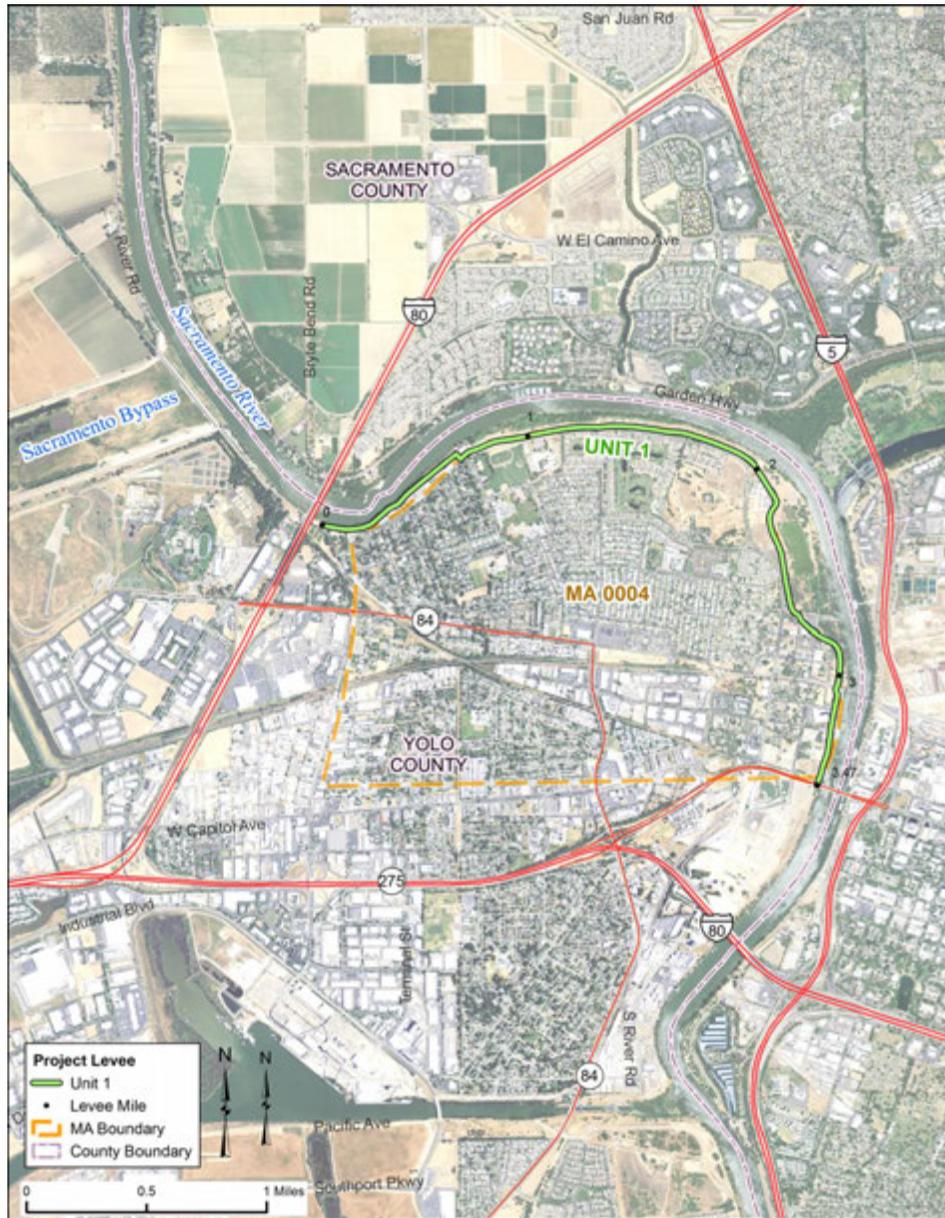
The Agency stated that there is no new information to report on Part 5.

# 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	3.47

**Threat Assessment & Recommendations**

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

**DWR Levee Inspection Summary**

<b>MA0004</b>	Total LMA Miles		<b>3.47</b>									
	<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>			
	Overall LMA Rating				Overall LMA Rating							
	<b>M *</b>				<b>A</b>							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Trim / Thin Trees					0.01		0.01	<b>0.29</b>	<b>0.01</b>		<b>0.01</b>	<b>0.29</b>
Animal Control	0.01		0.01	<b>0.29</b>	0.03		0.03	<b>0.86</b>	<b>0.02</b>		<b>0.02</b>	<b>0.58</b>
Slope Stability					0.03		0.03	<b>0.86</b>	<b>0.03</b>		<b>0.03</b>	<b>0.86</b>
Erosion / Bank Caving		0.01	0.04	<b>1.15</b>	0.01		0.01	<b>0.29</b>	<b>0.01</b>	<b>-0.01</b>	<b>-0.03</b>	<b>-0.86</b>
<i>Supplemental</i>												
DWR UCIP Field Study												<b>0.00</b>
<i>LMA Totals:</i>	0.01	0.01	0.05	<b>1.44 *</b>	0.08	0.00	0.08	<b>2.30</b>	<b>0.07</b>	<b>-0.01</b>	<b>0.03</b>	<b>0.86</b>

\* 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 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

No Supplemental Erosion Sites.

**USACE Inspection Ratings Summary**

System Name	Length (Miles)	RIP Status	RIP Date	Rating
West Sacramento - SacYolo South	60.45	Inactive	07/24/2015	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 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 accomplished maintenance activities. Activities include encroachment removal, minor structure repairs, inspections, roadway grading, rodent control, mowing, burning, dragging slopes, tree maintenance and vegetation control. The Agency also reported corrected or ongoing corrective actions for Levee Unit 1 in response to DWR inspection comments. The corrected actions included animal control, erosion 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 planned maintenance activities for all levee units. Expenses include costs of encroachment removal, minor structure maintenance, inspections, roadway grading, rodent control, mowing, burning, dragging slopes, tree maintenance and vegetation control. The reported total estimated cost for the current 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 information relevant to the condition or performance of the 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**

<b>MA0009</b>	Total LMA Miles		<b>19.35</b>													
	<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>							
	Overall LMA Rating				<b>A</b>				Overall LMA Rating				<b>M *</b>			
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %				
<i>Earthen Levee</i>																
Vegetation	0.03		0.03	<b>0.16</b>	0.17		0.17	<b>0.88</b>	0.14		0.14	<b>0.72</b>				
Trim / Thin Trees	0.05		0.05	<b>0.26</b>	0.08	0.01	0.12	<b>0.62</b>	0.03	0.01	0.07	<b>0.36</b>				
Encroachments					0.01		0.01	<b>0.05</b>	0.01		0.01	<b>0.05</b>				
Animal Control					0.15	0.02	0.23	<b>1.19</b>	0.15	0.02	0.23	<b>1.19</b>				
Slope Stability					0.20	0.01	0.24	<b>1.24</b>	0.20	0.01	0.24	<b>1.24</b>				
Erosion / Bank Caving					0.02	0.01	0.06	<b>0.31</b>	0.02	0.01	0.06	<b>0.31</b>				
Cracking												<b>0.00</b>				
<i>Supplemental</i>																
USACE Erosion Survey	0.42		0.42	<b>2.17</b>	0.39		0.39	<b>2.02</b>	-0.03		-0.03	<b>-0.16</b>				
DWR UCIP Field Study												<b>0.00</b>				
<i>LMA Totals:</i>	0.50	0.00	0.50	<b>2.58</b>	1.02	0.05	1.22	<b>6.30 *</b>	0.52	0.05	0.72	<b>3.72</b>				

\* 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.

MA 9

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

**Unit No. 01 Sacramento River, LB**

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
SAC_55-5_L	55.50	0.39	0.46	eroding	M
SAC_55-2_L	55.20	0.70	0.86	eroding	M
SAC_54-8_L	54.80	1.08	1.14	eroding	M
SAC_53-8_L	53.80	2.02	2.05	eroding	M
SAC_52-7_L	52.70	3.09	3.12	eroding	M
SAC_52-4_L	52.40	3.24	3.26	eroding	M
SAC_50-3_L	50.30	5.35	5.37	eroding	M
SAC_46-7_L	46.70	9.11	9.14	repaired	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	Active	05/14/2014	U

**DWR Flood System Repair Project Summary**

**Unit No. 01 Sacramento River**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
106-230	Serious	Seepage	10.59		Left	38.443756	-121.500570
106-129	Critical	Seepage	11.87		Left	38.433998	-121.518403
106-247	Critical	Seepage	12.48		Left	38.433115	-121.529491
106-203	Serious	Seepage	14.13		Left	38.412658	-121.518530
106-254	Critical	Seepage	15.31		Left	38.396600	-121.511911
106-134	Critical	Seepage	15.80		Left	38.389520	-121.512791
106-54	Serious	Seepage	16.49		Left	38.381700	-121.520014
106-165	Critical	Seepage	17.87	17.57	Left	38.363287	-121.519847

**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 areas along Levee Unit 1, LM 10.50 to 19.60, which will be monitored during high water.

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

The Agency reported seepage areas along Levee Unit 1, LM 10.50 to 19.60, which will be monitored during high water.

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

The Agency provided a summary of accomplished maintenance activities. Activities include burning, encroachment removal, inspections, minor structure repairs, mowing, roadway grading, rodent control, slope dragging, tree maintenance, 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 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 planned maintenance activities. Expenses include costs of burning, encroachment removal, inspections, minor structure repairs, mowing, roadway grading, rodent control, slope dragging, surveying, tree maintenance, and vegetation control. The reported total estimated cost for the current fiscal year is \$1,116,000.

**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 Part 5.

# Sacramento Maintenance Yard Putah Creek

**Yolo County**

**Contact**

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



LMA Short Name : ST0007		Bank	Unit Length (Miles)
Unit No. 01	Putah Creek or North Levee	LB	8.79
Unit No. 02	Putah Creek or South Levee	RB	7.55

**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 enhance its rodent control program.

**DWR Levee Inspection Summary**

<b>ST0007</b>	Total LMA Miles		<b>16.33</b>									
	<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>			
	Overall LMA Rating				Overall LMA Rating							
	<b>U</b>				<b>M</b>							
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	10.26	0.03	10.38	<b>63.56</b>	0.75	0.11	1.19	<b>7.29</b>	-9.51	<b>0.08</b>	-9.19	<b>-56.27</b>
Trim / Thin Trees	0.01		0.01	<b>0.06</b>	0.08		0.08	<b>0.49</b>	<b>0.07</b>		<b>0.07</b>	<b>0.43</b>
Encroachments	0.18		0.18	<b>1.10</b>	0.18		0.18	<b>1.10</b>				<b>0.00</b>
Animal Control	0.53		0.53	<b>3.25</b>	0.25		0.25	<b>1.53</b>	-0.28		-0.28	<b>-1.71</b>
<i>Supplemental</i>												
USACE Erosion Survey	0.02		0.02	<b>0.12</b>	0.13		0.13	<b>0.80</b>	<b>0.11</b>		<b>0.11</b>	<b>0.67</b>
DWR UCIP Field Study												<b>0.00</b>
<i>LMA Totals:</i>	11.00	0.03	11.12	<b>68.09</b>	1.39	0.11	1.83	<b>11.21</b>	-9.61	<b>0.08</b>	-9.29	<b>-56.89</b>

Putah Creek

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

**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		0.04	0.12	eroding	M
PUC_7-2_L		6.88	6.93	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)**

The Agency reported that there is no new relevant information on the condition or performance of the 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 on all levee units. Activities include encroachment control, gate and minor structure maintenance, inspections, roadway grading, rodent control, slope dragging, 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 and work in progress for animal 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 planned maintenance activities for all levee units. Expenses include costs of encroachment removal, gate and minor structure maintenance, inspections, roadway grading, rodent control, tree trimming, and vegetation control. The reported total estimated cost for the current fiscal year is \$420,000.

**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 information relevant to the condition or performance of the 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 Bypass



LMA Short Name : ST0008		Bank	Unit Length (Miles)
Unit No. 01	Sacramento Bypass or North Levee	RB	1.74
Unit No. 02	Sacramento Bypass or South Levee	LB	1.79

**Threat Assessment & Recommendations**

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

**DWR Levee Inspection Summary**

<b>ST0008</b>	Total LMA Miles		<b>3.52</b>									
	<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>			
	Overall LMA Rating				Overall LMA Rating							
	<b>A</b>				<b>A</b>							
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	<b>0.28</b>	<b>0.01</b>		<b>0.01</b>	<b>0.28</b>
<i>Supplemental</i>												
DWR UCIP Field Study												<b>0.00</b>
<i>LMA Totals:</i>	0.00	0.00	0.00	<b>0.00</b>	0.01	0.00	0.01	<b>0.28</b>	<b>0.01</b>	0.00	<b>0.01</b>	<b>0.28</b>

Sacramento Bypass

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

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	Inactive	10/10/2014	U
West Sacramento - SacYolo South	60.45	Inactive	07/24/2015	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 stated that there is no new information to report on 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 mentioned that all levee units are made up of fat clay material and are subject to cracking. The Agency also stated that cracking might lead to sloughing during heavy rains and high water. Monitoring of levees is being performed after rains and during high water.

**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 all levee units. Activities include burning, encroachment removal, inspections, minor structure repairs, mowing, roadway grading, rodent control, slope dragging, tree maintenance, 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 and work in progress for encroachments 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 burning, encroachment removal, inspections, minor structure repairs, mowing, roadway grading, rodent control, slope dragging, tree maintenance, and vegetation control. The reported total estimated cost for the current fiscal year is \$160,000.

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

The Agency stated that there is no information to report on Part 5.

# Sacramento Maintenance Yard West Levee Yolo Bypass

West Levee  
Yolo Bypass

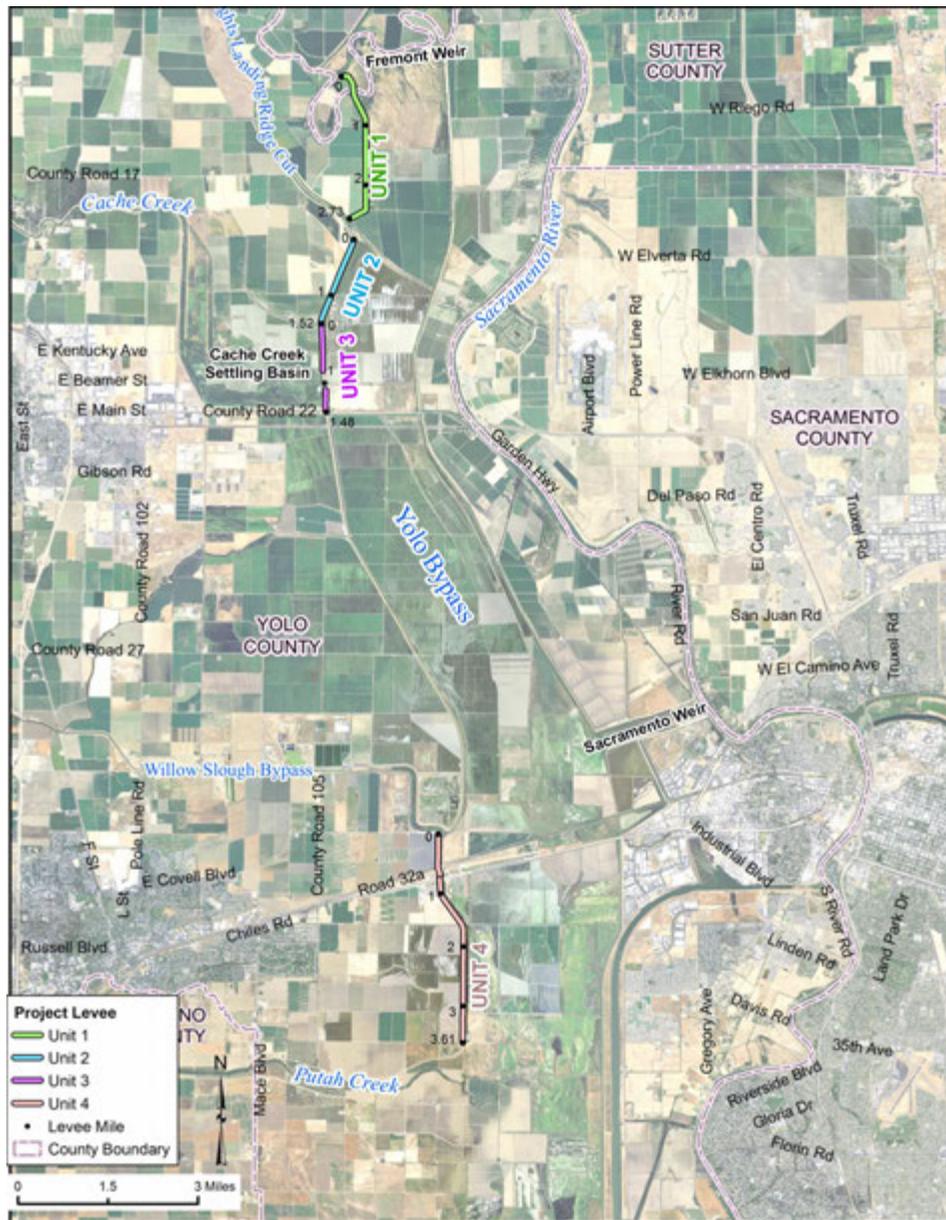
**Yolo County**

**Contact**

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

**SACRAMENTO SYSTEM : Sacramento Maintenance Yard West Levee Yolo Bypass**

West Levee  
Yolo Bypass



LMA Short Name : ST0011		Bank	Unit Length (Miles)
Unit No. 01	West Levee	RB	2.73
Unit No. 02	West Levee	RB	1.52
Unit No. 03	West Levee	RB	1.15
Unit No. 04	West Levee	RB	3.61

**Threat Assessment & Recommendations**

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

**DWR Levee Inspection Summary**

Rated Item	Total LMA Miles		9.01									
	Fall 2014				Fall 2015				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>												
Trim / Thin Trees					0.69		0.69	<b>7.66</b>	0.69		0.69	<b>7.66</b>
<i>Structures &amp; Concrete Lined Channels</i>												
Flap Gates					0.01		0.01	<b>0.11</b>	0.01		0.01	<b>0.11</b>
<i>Supplemental</i>												
2015 USACE Erosion Survey, DRAFT					0.16		0.16	<b>1.78</b>	0.16		0.16	<b>1.78</b>
DWR UCIP Field Study												<b>0.00</b>
<i>LMA Totals:</i>	0.00	0.00	0.00	<b>0.00</b>	0.86	0.00	0.86	<b>9.55</b>	0.86	0.00	0.86	<b>9.55</b>

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 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

**Unit No. 01 West Levee, RB**

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
YOL_2-6_R		2.53	2.69	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	Inactive	06/20/2014	U
Knights Landing U2 - Yolo Bypass - Service Area 6	15.19	Active	03/09/2015	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	Inactive	06/20/2014	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 several beaver dens have been repaired on Levee Unit 4 between LM 2.00 and 3.00. The Agency noted future beaver activities will be monitored.

**Part 2 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 actions taken on inspection items listed by DWR in the inspection report. The actions taken include corrected 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 for all levee units. Expenses include costs of encroachment removal, minor structure maintenance, inspection, roadway grading, rodent control, tree trimming, and vegetation control. The reported total estimated cost for the current fiscal year is \$324,000.

**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 information relevant to the condition or performance of the levee.

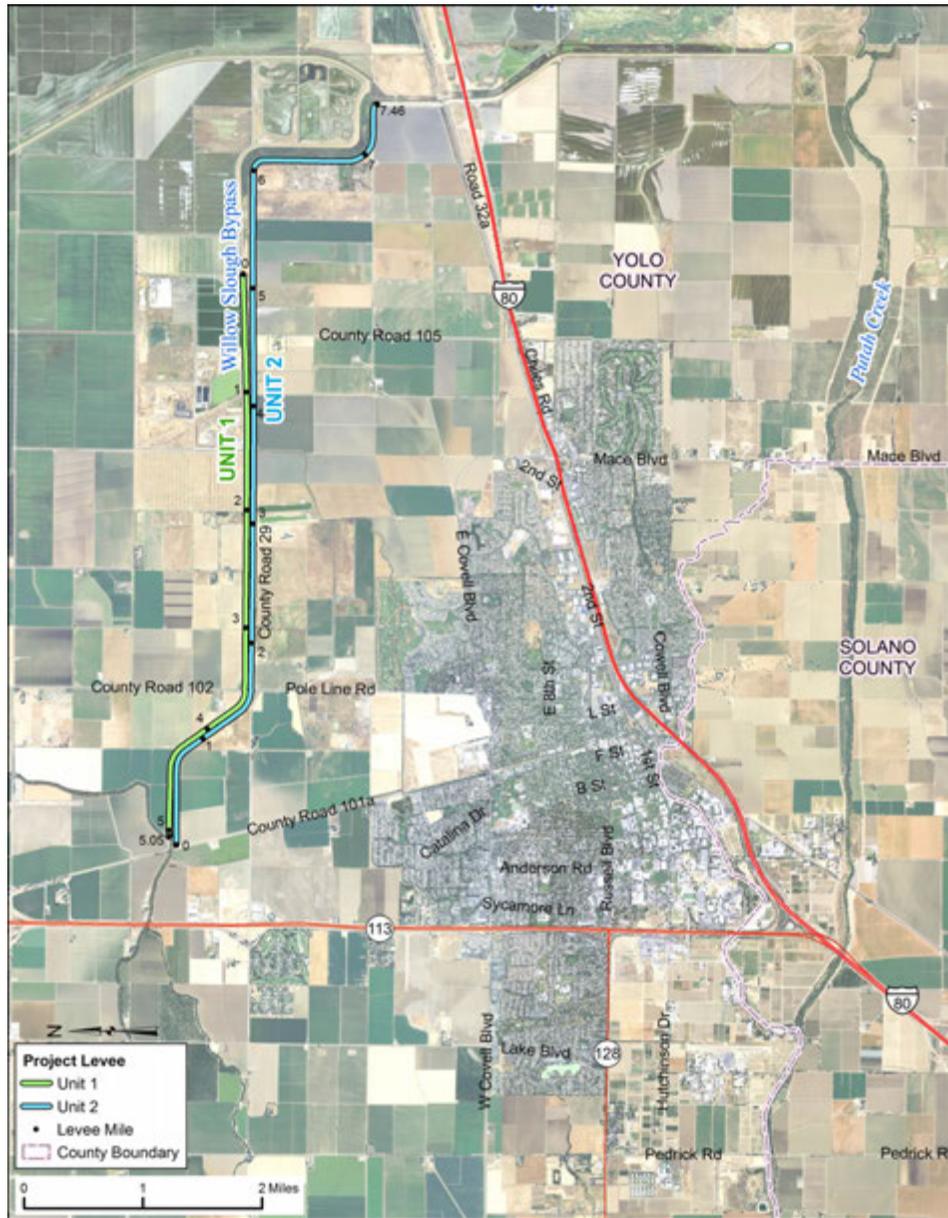
# Sacramento Maintenance Yard Willow Slough Bypass

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	5.05
Unit No. 02	Willow Slough Bypass or South Levee	RB	7.46

**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		12.51		Fall 2014				Fall 2015				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>																
Animal Control					0.02		0.02	0.16	0.02		0.02	0.16				
Erosion / Bank Caving	0.05		0.05	0.40	0.15	0.01	0.19	1.52	0.10	0.01	0.14	1.12				
Cracking					0.01		0.01	0.08	0.01		0.01	0.08				
<i>Supplemental</i>																
DWR UCIP Field Study																0.00
<b>LMA Totals:</b>	0.05	0.00	0.05	0.40	0.18	0.01	0.22	1.76 *	0.13	0.01	0.17	1.36				

\* 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.

Willow Slough

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

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	Inactive	06/20/2014	U
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)**

The Agency stated that there is no new information to report on 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 4 sites of berm erosion on Levee Unit 2, LM 1.10, 1.70, 2.20, and 2.70. The Agency also mentioned that 1,100 tons of riprap have been staged at LM 0.00 for use during a flood fight emergency.

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

The Agency provided a summary of performed maintenance activities. Activities include burning, encroachment removal, gate and minor structure repairs, inspections, mowing, roadway grading, rodent control, slope dragging, and tree and vegetation control. The Agency also provided actions taken on inspection items listed by DWR in the inspection report. The actions taken include corrected, pending, and working progress for crown surface depressions, erosion, 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 planned maintenance activities for all levee units. Expenses include costs of burning, encroachment removal, gate and minor structure repairs, inspections, mowing, roadway grading, rodent control, slope dragging, and tree and vegetation control. The reported total estimated cost for the current fiscal year is \$300,000.

**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 nothing to report on Part 5.

# DWR Sutter Maintenance Yard

## Structures & Channels

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

**Contact**

Joel Farias  
Utility Craftsworker Superintendent  
P.O 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	M

**DWR Structure Inspection Summary**

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	M *

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

**USACE 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

No Supplemental Erosion Sites.

**USACE Inspection Ratings Summary**

No USACE Ratings available.

**DWR Flood System Repair Project Summary**

No POI Repair Sites.

**DWR Summary of Local Maintaining Agency Report**

No Reporting by this District.

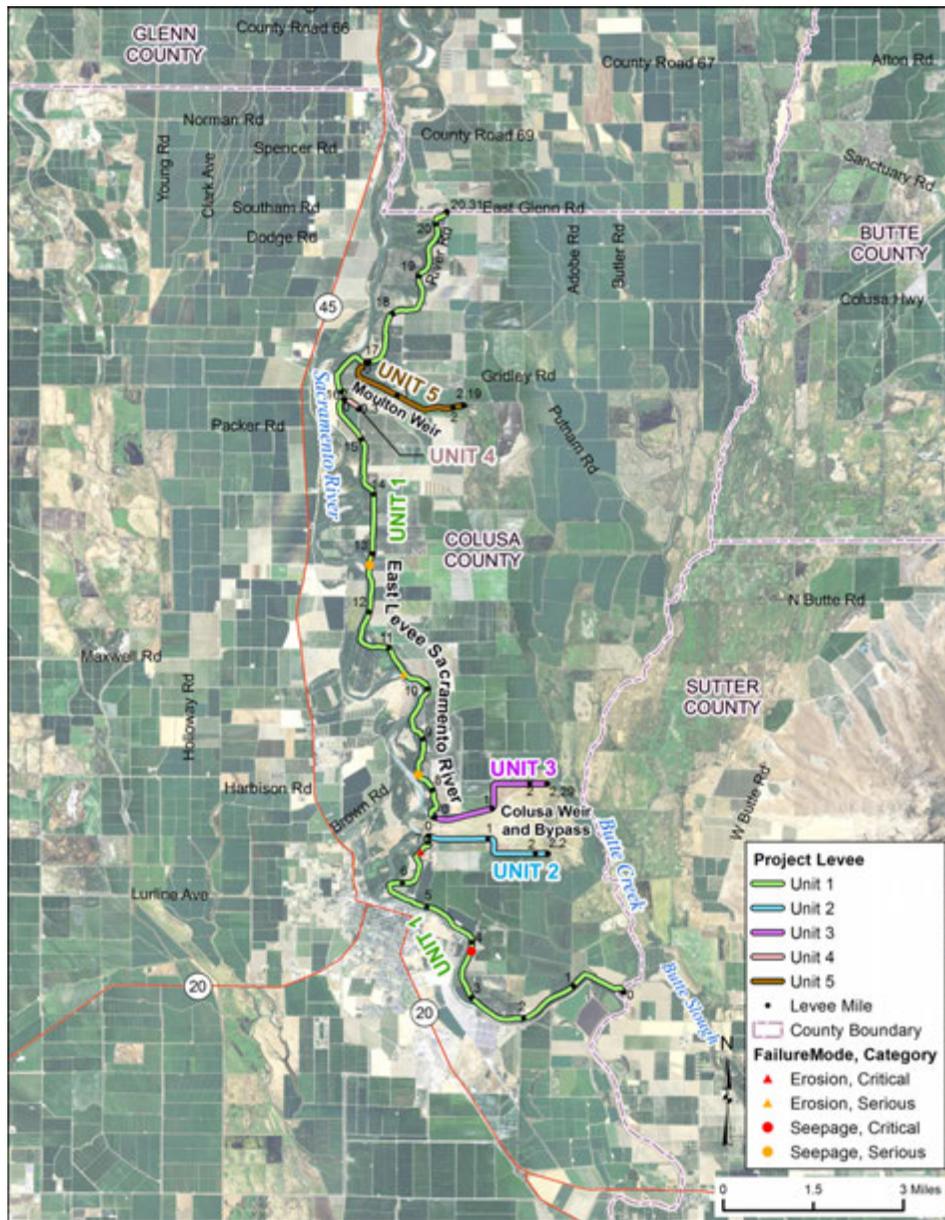
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# Sutter Maintenance Yard East Levee Sacramento River

**Colusa County**

**Contact**

Joel Farias  
Utility Craftworker Superintendent  
P.O Box 40  
Sutter CA 95982  
Phone: (530) 755-0071



LMA Short Name : ST0003		Bank	Unit Length (Miles)
Unit No. 01	Sacramento River	LB	19.85
Unit No. 02	Colusa Bypass	RB	2.20
Unit No. 03	Colusa Bypass	LB	2.29
Unit No. 04	Moulton Bypass	RB	0.30
Unit No. 05	Moulton Bypass	LB	2.19

**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 on repairing erosion sites.

**DWR Levee Inspection Summary**

<b>ST0003</b>	Total LMA Miles		<b>26.82</b>									
	<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>			
	Overall LMA Rating				Overall LMA Rating							
	<b>U</b>				<b>M *</b>							
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	<b>0.15</b>	0.04		0.04	<b>0.15</b>				<b>0.00</b>
Trim / Thin Trees	0.01		0.01	<b>0.04</b>	0.15		0.15	<b>0.56</b>	0.14		0.14	<b>0.52</b>
Encroachments	0.24		0.24	<b>0.90</b>					-0.24		-0.24	<b>-0.90</b>
Animal Control	0.01		0.01	<b>0.04</b>	0.01		0.01	<b>0.04</b>				<b>0.00</b>
Slope Stability	0.01		0.01	<b>0.04</b>	0.01		0.01	<b>0.04</b>				<b>0.00</b>
Erosion / Bank Caving	0.19		0.19	<b>0.71</b>	0.20	0.02	0.28	<b>1.04</b>	0.01	0.02	0.09	<b>0.34</b>
<i>Supplemental</i>												
USACE Erosion Survey	11.44		11.44	<b>42.65</b>	0.36		0.36	<b>1.34</b>	-11.08		-11.08	<b>-41.31</b>
DWR UCIP Field Study												<b>0.00</b>
<i>LMA Totals:</i>	11.94	0.00	11.94	<b>44.52</b>	0.77	0.02	0.85	<b>3.17 *</b>	-11.17	0.02	-11.09	<b>-41.35</b>

\* 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 2015 Sacramento River Erosion Summary >>> DRAFT DATA <<<**

**Unit No. 01 Sacramento River, LB**

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
SAC_152-6_L	152.60	11.53	11.79	eroding	M
SAC_157-7_R	157.70	11.85	11.90	eroding	M
SAC_152-8_L	152.80	11.85	11.90	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	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
FSRP-13-13	Serious	Erosion	4.74	4.74	Left	39.213410	-121.991930
DWR_ST0003_01_s_2012_30	Critical	Erosion	6.76	6.79	Left	39.228311	-121.998555
160-3	Serious	Seepage	8.37		Left	39.247011	-121.999037
DWR_ST0003_01_s_2012_27	Serious	Erosion	10.49	10.47	Left	39.271494	-122.003497
160-35	Serious	Seepage	12.77	13.02	Left	39.297391	-122.014276

**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 expenses and accomplished maintenance activities. Activities include encroachment removal, inspections, 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 \$296,300.

**Part 4 A statement of work and estimated cost for operation 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, inspections, 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 \$320,000.

**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 information relevant to the condition or performance of the levee.

# Sutter Maintenance Yard East Levee Sutter Bypass

**Sutter County**

**Contact**

Joel Farias  
Utility Craftworker Superintendent  
P.O Box 40  
Sutter CA 95982  
Phone: (530) 755-0071

East Levee  
Sutter



LMA Short Name : ST0002		Bank	Unit Length (Miles)
Unit No. 01	Sutter Bypass Levee	LB	21.68

**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**

<b>ST0002</b>	Total LMA Miles		<b>21.68</b>									
	<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>			
	Overall LMA Rating				Overall LMA Rating							
	<b>M *</b>				<b>A</b>							
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	<b>0.05</b>					-0.01		-0.01	<b>-0.05</b>
Slope Stability					0.04		0.04	<b>0.19</b>	<b>0.04</b>		<b>0.04</b>	<b>0.19</b>
Erosion / Bank Caving		0.01	0.04	<b>0.18</b>						-0.01	-0.04	<b>-0.18</b>
<i>Supplemental</i>												
USACE Erosion Survey	0.07		0.07	<b>0.32</b>	0.03		0.03	<b>0.14</b>	-0.04		-0.04	<b>-0.19</b>
DWR UCIP Field Study												<b>0.00</b>
<i>LMA Totals:</i>	0.08	0.01	0.12	<b>0.55 *</b>	0.07	0.00	0.07	<b>0.32</b>	-0.01	-0.01	-0.05	<b>-0.23</b>

\* 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 2015 Sacramento River Erosion Summary**

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**Unit No. 01 Sutter Bypass Levee, LB**

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
SBP_11-1_L		10.88	10.91	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	Active	02/24/2014	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	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
FSRP-13-65	Critical	Seepage	7.90	8.66	Left	39.066360	-121.742320
164-18	Serious	Seepage	11.76		Left	39.012429	-121.723152
164-24	Critical	Seepage	21.29		Left	38.904832	-121.620151

**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 accomplished maintenance activities. Activities include burning, crown roadway maintenance, encroachment control, inspections, levee restoration, minor structure maintenance, mowing, patrolling, rodent control, slope dragging, and vegetation control. The reported total maintenance cost for the previous fiscal year was \$612,100.

**Part 4 A statement of work and estimated cost for operation 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 burning, crown roadway maintenance, encroachment control, inspections, levee restoration, minor structure maintenance, mowing, patrolling, rodent control, slope dragging, and vegetation control. The reported total estimated cost for the current fiscal year is \$382,500.

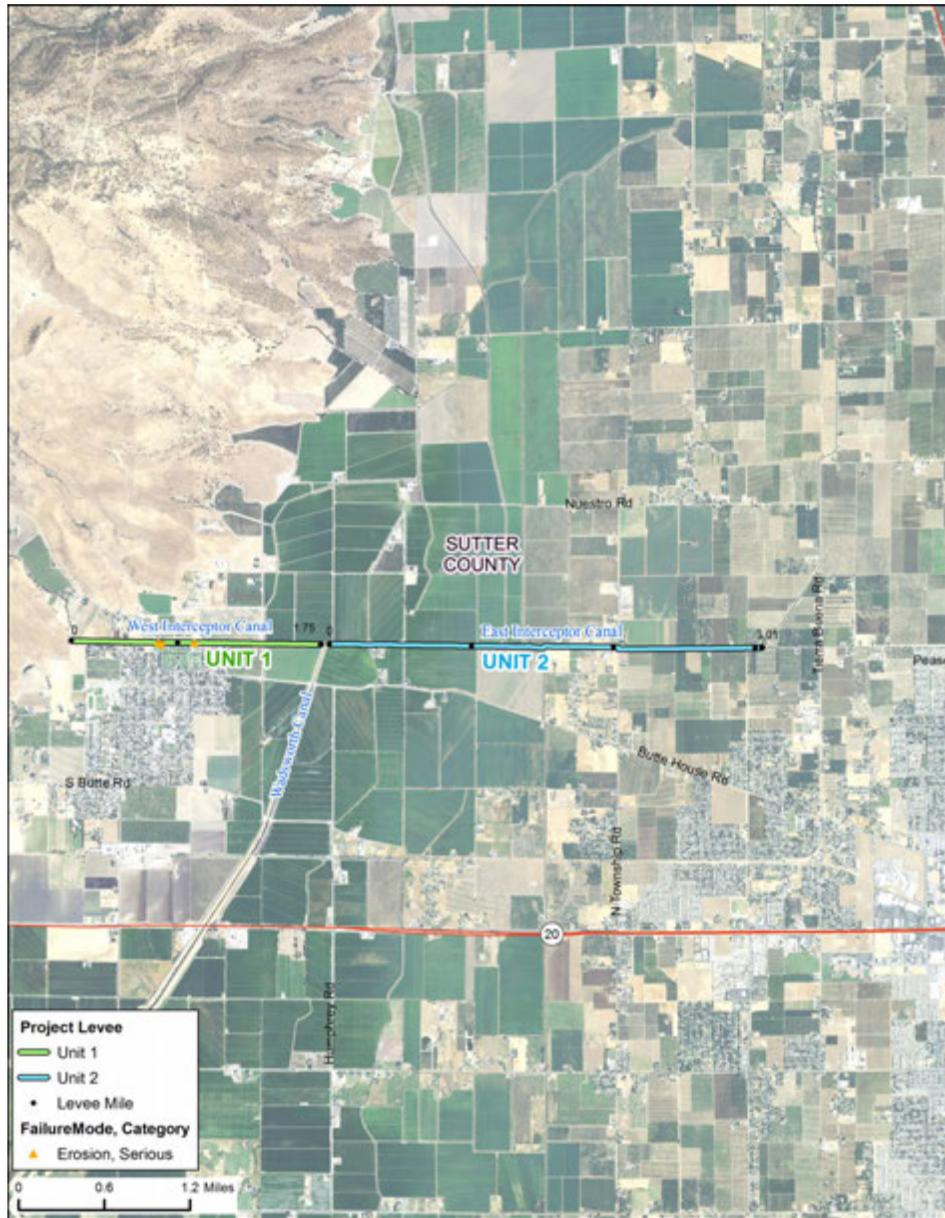
**Part 5 Any other readily available information contained in the records of the Local Agency relevant to the condition or performance of the Project Levee (or jurisdictional Non-Project Levee), as determined by the CVFPB or DWR**

No information provided by the Agency for Part 5.

# Sutter Maintenance Yard East-West Interceptor

## **Contact**

Joel Farias  
Utility Craftsworker Superintendent  
P.O Box 40  
Sutter CA 95982  
Phone: (530) 755-0071



LMA Short Name : ST0020		Bank	Unit Length (Miles)
Unit No. 01	West Levee	RB	1.75
Unit No. 02	East Levee	LB	3.05

**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**

<b>ST0020</b>	Total LMA Miles		<b>4.79</b>									
	<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>			
	Overall LMA Rating				Overall LMA Rating							
	<b>U</b>				<b>U</b>							
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	2.88		2.88	<b>60.11</b>	2.88		2.88	<b>60.11</b>				<b>0.00</b>
Encroachments	0.25		0.25	<b>5.22</b>	0.25		0.25	<b>5.22</b>				<b>0.00</b>
Erosion / Bank Caving	0.43	0.03	0.55	<b>11.48</b>	0.43	0.03	0.55	<b>11.48</b>	<b>0.00</b>			<b>0.00</b>
<i>Rivers, Channels &amp; Designated Floodways</i>												
Erosion / Bank Caving		0.01	0.04	<b>0.83</b>		0.01	0.04	<b>0.83</b>				<b>0.00</b>
<i>Supplemental</i>												
DWR UCIP Field Study												<b>0.00</b>
<i>LMA Totals:</i>	3.56	0.04	3.72	<b>77.65</b>	3.56	0.04	3.72	<b>77.65</b>	<b>0.00</b>	0.00	0.00	<b>0.00</b>

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary**

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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	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
DWR_NA0020_01_s_2012_8	Serious	Erosion	0.89		Right	39.171335	-121.744039
63-1	Serious	Erosion	1.14		Right	39.171317	-121.748731
DWR_NA0020_01_s_2012_4	Serious	Erosion	1.14	1.11	Right	39.171292	-121.748868

**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 accomplished maintenance activities 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 \$41,900.

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

The Agency provided a summary of expenses and planned maintenance activities for all levee units. Expenses include costs of inspections, 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 \$31,000.

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

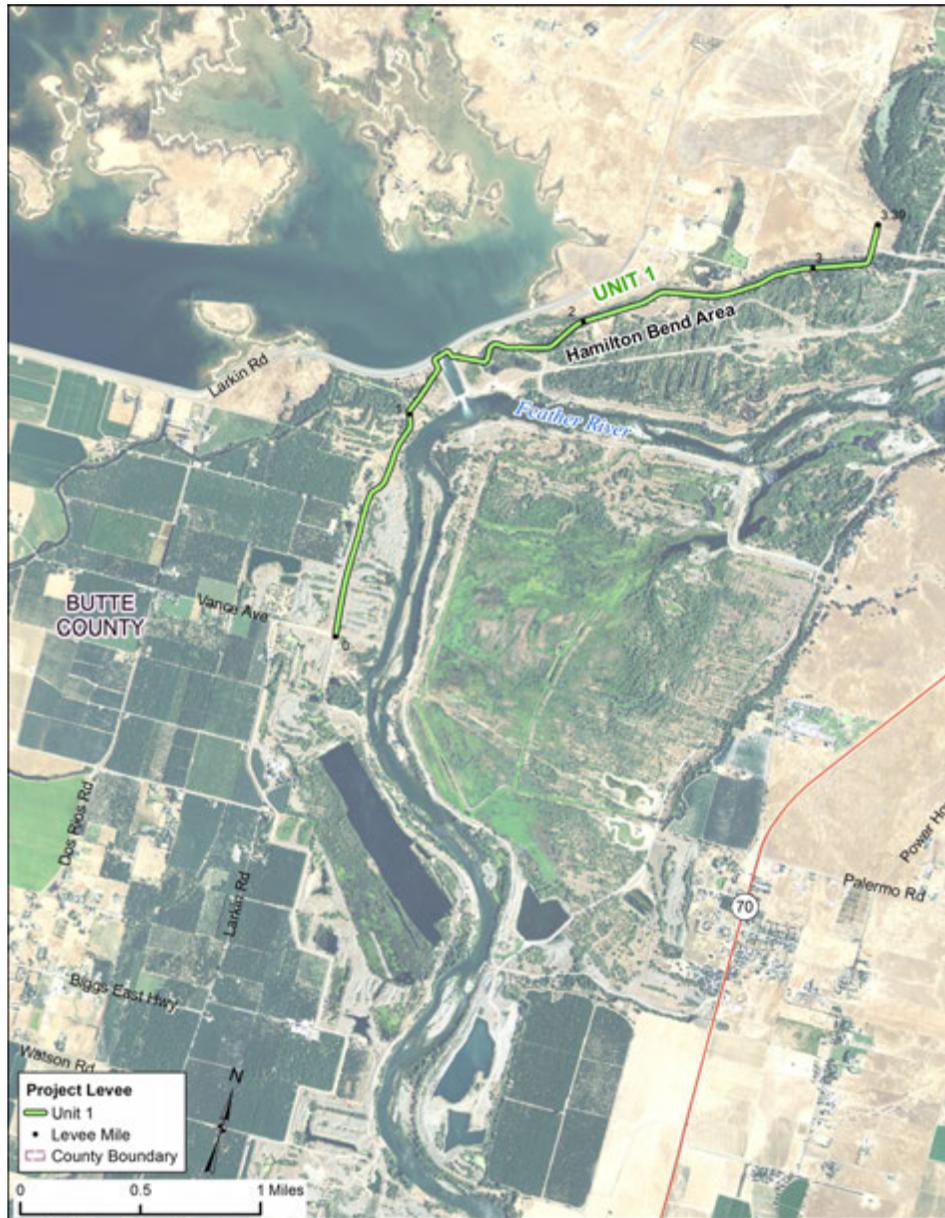
No information provided by the Agency for Part 5.

# Sutter Maintenance Yard Hamilton Bend

**Butte County**

**Contact**

Joel Farias  
Utility Craftworker Superintendent  
P.O 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	3.39

**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**

<b>DWR Levee Inspection Summary</b>												
ST0005	Total LMA Miles		3.39									
	Fall 2014				Fall 2015				Change			
	Overall LMA Rating				Overall LMA Rating							
	U				U							
Rated Item	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %	M Miles	U Miles	M+4U Miles	Thresh. %
<i>Earthen Levee</i>												
Vegetation					0.01		0.01	0.30	0.01		0.01	0.30
Trim / Thin Trees	1.95		1.95	57.45	1.96		1.96	57.74	0.01		0.01	0.29
Crown Surface / Depressions / Rutting	0.02		0.02	0.59	0.03	0.01	0.07	2.06	0.01	0.01	0.05	1.47
<i>Supplemental</i>												
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	1.97	0.00	1.97	58.04	2.00	0.01	2.04	60.10	0.03	0.01	0.07	2.06

Hamilton Bend

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary**

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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	Inactive	07/22/2014	U
Feather River right bank - Sutter Bypass east bank	66.72	Active	02/24/2014	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 reported no maintenance was performed during the previous fiscal year.

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

The Agency provided a summary of expenses and planned maintenance activities for all levee units. Expenses include costs of roadway grading. The reported total estimated cost for the current fiscal year is \$20,000.

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

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

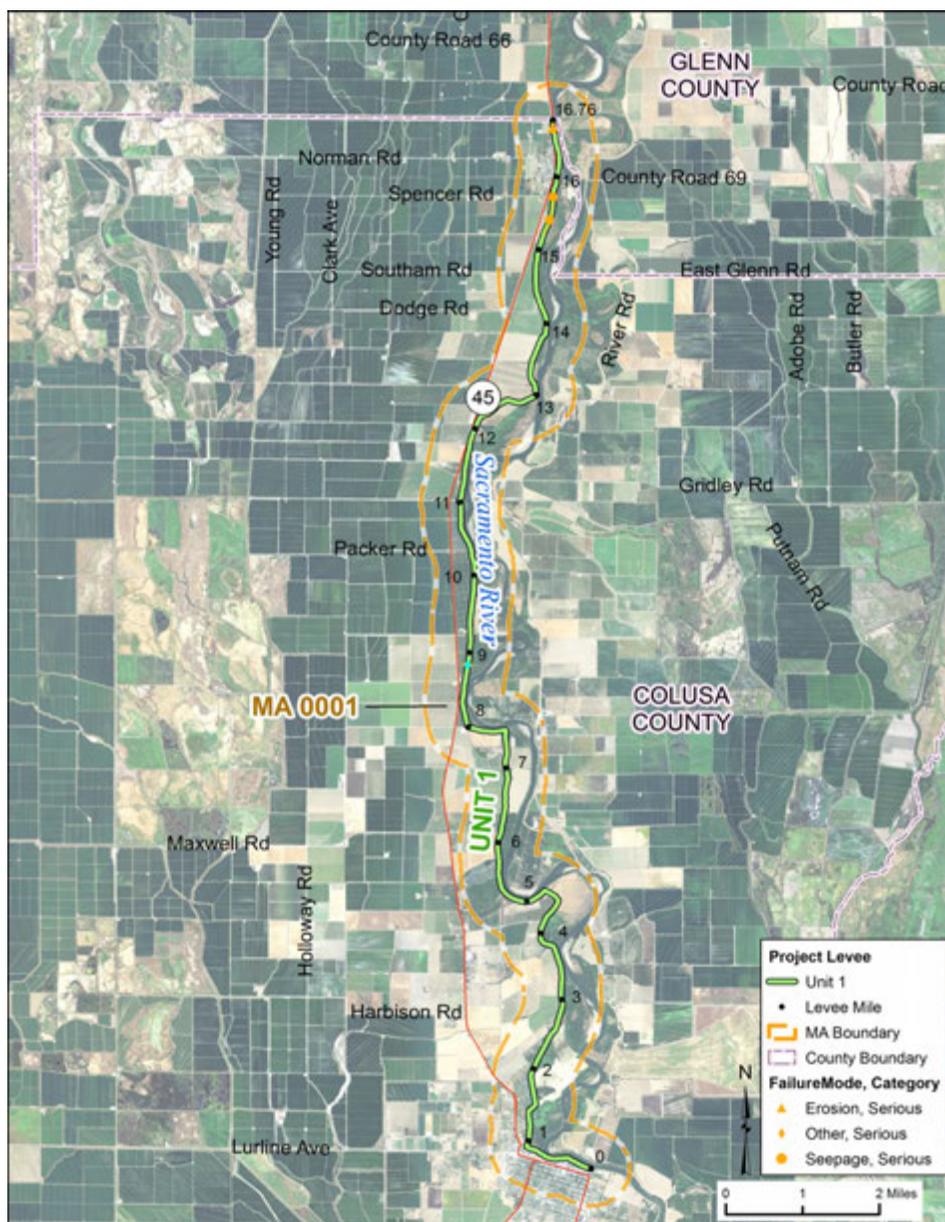
# Sutter Maintenance Yard Maintenance Area 0001

**Colusa County**

**Contact**

Joel Farias  
Utility Craftworker Superintendent  
P.O 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	16.76

**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**

<b>MA0001</b>	Total LMA Miles		<b>16.76</b>									
	<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>			
	Overall LMA Rating				Overall LMA Rating							
	<b>A</b>				<b>A</b>							
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	<b>0.24</b>	0.04		0.04	<b>0.24</b>				<b>0.00</b>
Animal Control					0.02		0.02	<b>0.12</b>	0.02		0.02	<b>0.12</b>
Erosion / Bank Caving					0.01		0.01	<b>0.06</b>	0.01		0.01	<b>0.06</b>
<i>Supplemental</i>												
USACE Erosion Survey	0.24		0.24	<b>1.43</b>	0.68		0.68	<b>4.06</b>	0.44		0.44	<b>2.62</b>
DWR UCIP Field Study												<b>0.00</b>
<i>LMA Totals:</i>	0.28	0.00	0.28	<b>1.67</b>	0.75	0.00	0.75	<b>4.47</b>	0.47	0.00	0.47	<b>2.80</b>

MA 1

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary >>> DRAFT DATA <<<**

**Unit No. 01 Sacramento River, RB**

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
SYC_9-3_L		0.44	0.49	eroding	M
SAC_151-0_R	151.00	4.86	5.26	eroding	M
SAC_164-3_R	164.30	16.35	16.58	eroding	M

**USACE Inspection Ratings Summary**

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Sacramento River west bank	119.72	Active	03/09/2015	U

**DWR Flood System Repair Project Summary**

**Unit No. 01 Sacramento River**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
380-25	Serious	Other	8.82	8.84	Right	39.309699	-122.030893
286-35	Serious	Seepage	15.22	15.74	Right	39.391890	-122.012370
USACE_CESPK_MA1C_2010_p_0554	Serious	Erosion	16.65		Right	39.411920	-122.010340
USACE_CESPK_MA1C_2010_p_0542	Serious	Erosion	16.66		Right	39.412140	-122.010010

**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 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 accomplished maintenance activities. Activities include encroachment control, inspections, minor structure maintenance, office overhead, restoration/habitat enhancements, roadway maintenance, rodent control, slope dragging, and vegetation control. The reported total maintenance cost for the previous fiscal year was \$239,500.

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

The Agency provided a summary of expenses and planned maintenance activities for all levee units. Expenses include costs of encroachment control, engineering and environmental support, maintenance overhead, minor structure maintenance, mobile equipment, restoration/habitat enhancements, patrolling, roadway maintenance, rodent control, slope dragging, and vegetation control. The reported total estimated cost for the current fiscal year is \$519,500.

**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 information relevant to the condition or performance of the levee.

MA 1

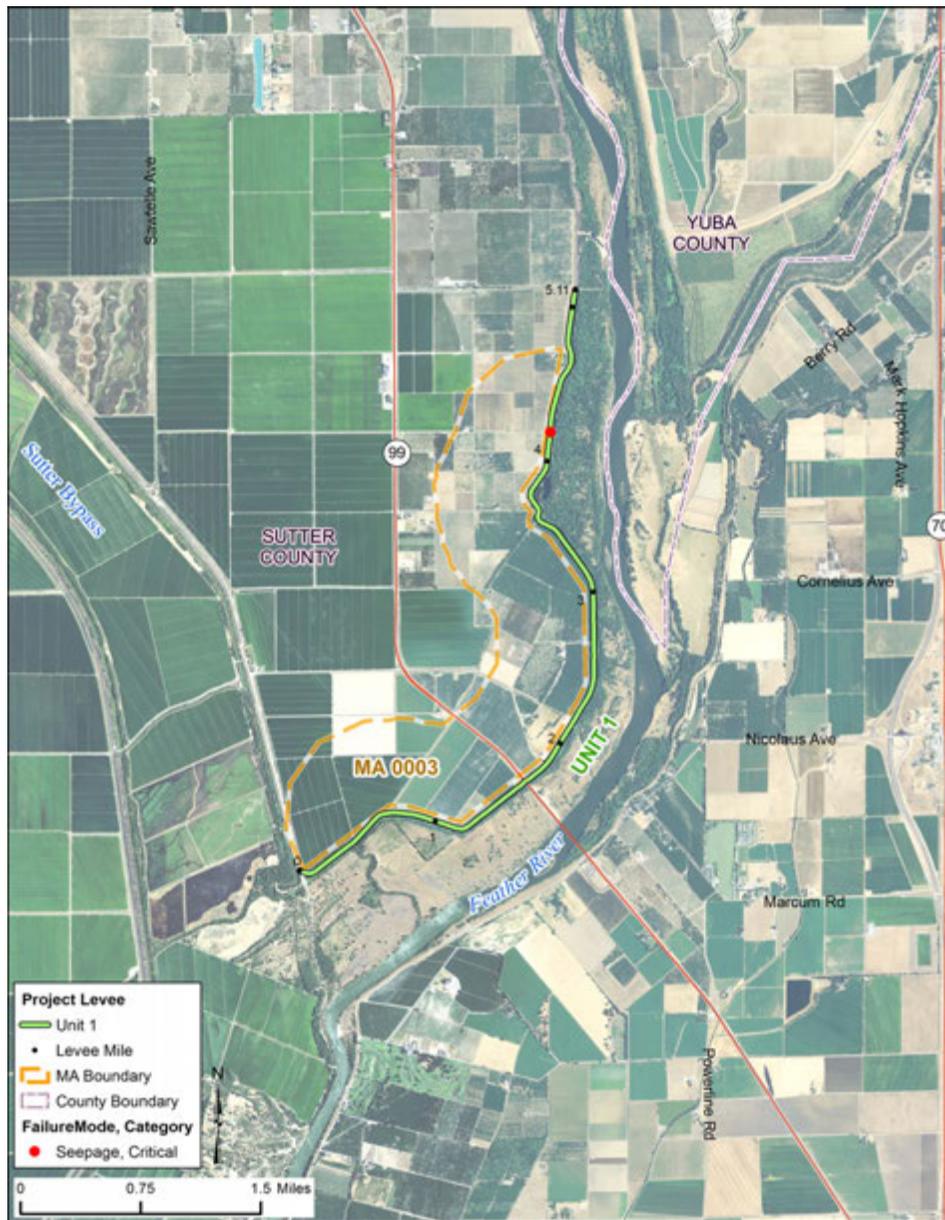
# Sutter Maintenance Yard Maintenance Area 0003

MA 3

## Sutter County

### **Contact**

Joel Farias  
Utility Craftworker Superintendent  
P.O Box 40  
Sutter CA 95982  
Phone: (530) 755-0071



LMA Short Name : MA0003		Bank	Unit Length (Miles)
Unit No. 01	Feather River	RB	5.11

**Threat Assessment & Recommendations**

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

**DWR Levee Inspection Summary**

<b>MA0003</b>	Total LMA Miles		<b>5.11</b>									
	<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>			
	Overall LMA Rating				Overall LMA Rating							
	<b>M *</b>				<b>A</b>							
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	<b>0.20</b>	0.01		0.01	<b>0.20</b>				<b>0.00</b>
Trim / Thin Trees					0.01		0.01	<b>0.20</b>	0.01		0.01	<b>0.20</b>
Animal Control					0.02		0.02	<b>0.39</b>	0.02		0.02	<b>0.39</b>
Slope Stability					0.01		0.01	<b>0.20</b>	0.01		0.01	<b>0.20</b>
Crown Surface / Depressions / Rutting		0.01	0.04	<b>0.78</b>	0.02		0.02	<b>0.39</b>	0.02	-0.01	-0.02	<b>-0.39</b>
<i>Interior Drainage &amp; Piping Systems</i>												
Sluice / Slide Gates	0.01		0.01	<b>0.20</b>	0.01		0.01	<b>0.20</b>				<b>0.00</b>
<i>Supplemental</i>												
USACE Erosion Survey	0.02		0.02	<b>0.39</b>	0.09		0.09	<b>1.76</b>	0.07		0.07	<b>1.37</b>
DWR UCIP Field Study												<b>0.00</b>
<i>LMA Totals:</i>	0.04	0.01	0.08	<b>1.57 *</b>	0.17	0.00	0.17	<b>3.33</b>	0.13	-0.01	0.09	<b>1.76</b>

\* 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.

MA 3

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

**Unit No. 01 Feather River, RB**

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
FHR_12-3_R	12.30	4.15	4.18	eroding	M
FHR_12-8_R	12.80	4.71	4.76	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	Active	02/24/2014	U

**DWR Flood System Repair Project Summary**

**Unit No. 01 Feather River**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
101-1	Critical	Seepage	4.18		Right	38.937929	-121.588740

**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 stated that there is no information to report on 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 accomplished maintenance activities. Activities include encroachment control, inspections, minor structure maintenance, patrolling, restoration, roadway maintenance, rodent control, slope dragging, and vegetation control. The reported total maintenance cost for the previous fiscal year was \$70,930.

**Part 4 A statement of work and estimated cost for operation 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, inspections, maintenance overhead, minor structure maintenance, mobile equipment, patrolling, restoration, roadway maintenance, rodent control, slope dragging, and vegetation control. The reported total estimated cost for the current fiscal year is \$73,500.

**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 on Part 5.

MA 3

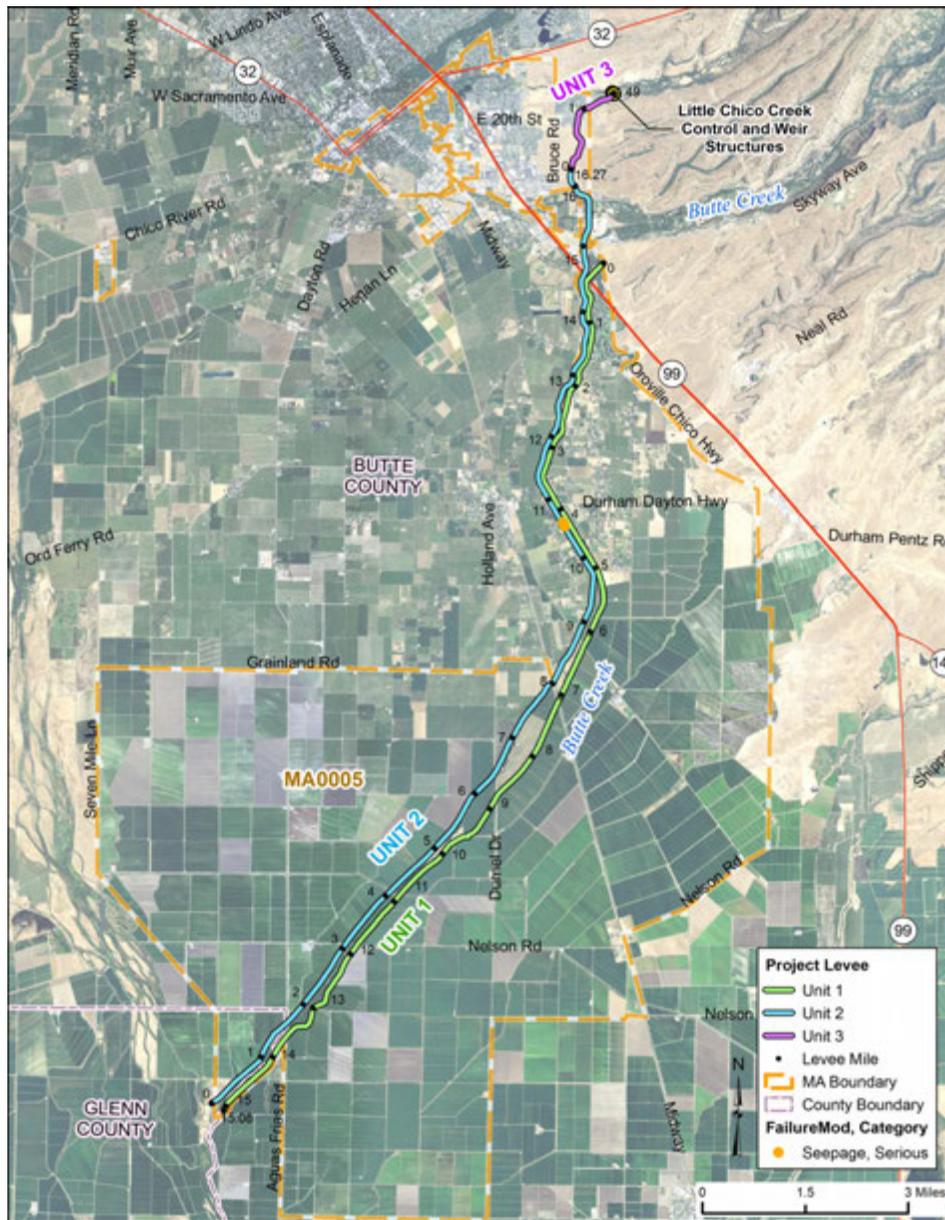
# Sutter Maintenance Yard Maintenance Area 0005

MA 5

**Butte County**  
**Glenn County**

**Contact**

Joel Farias  
Utility Craftsworker Superintendent  
P.O Box 40  
Sutter CA 95982  
Phone: (530) 755-0071



LMA Short Name : MA0005		Bank	Unit Length (Miles)
Unit No. 01	Butte Creek	LB	15.08
Unit No. 02	Butte Creek	RB	16.27
Unit No. 03	Little Chico Creek Diversion	LB	1.49

**Threat Assessment & Recommendations**

- There are one or more locations of unstable slopes and/or cracking in this Area.
- The LMA should work with landowners and the CVFPB to control unauthorized encroachments.

**DWR Levee Inspection Summary**

<b>MA0005</b>	Total LMA Miles		<b>32.84</b>									
	<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>			
	Overall LMA Rating				Overall LMA Rating							
	<b>M *</b>				<b>M *</b>							
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	<b>0.06</b>	0.02		0.02	<b>0.06</b>				<b>0.00</b>
Trim / Thin Trees	0.01		0.01	<b>0.03</b>	0.01		0.01	<b>0.03</b>				<b>0.00</b>
Encroachments	0.03		0.03	<b>0.09</b>	0.04		0.04	<b>0.12</b>	0.01		0.01	<b>0.03</b>
Slope Stability	0.05	0.01	0.09	<b>0.27</b>	0.05	0.01	0.09	<b>0.27</b>				<b>0.00</b>
Repair Gates	0.01		0.01	<b>0.03</b>	0.01		0.01	<b>0.03</b>				<b>0.00</b>
<i>Supplemental</i>												
DWR UCIP Field Study												<b>0.00</b>
<i>LMA Totals:</i>	0.12	0.01	0.16	<b>0.49 *</b>	0.13	0.01	0.17	<b>0.52 *</b>	0.01	0.00	0.01	<b>0.03</b>

\* 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.

MA 5

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<<

No Supplemental Erosion Sites.

**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 No. 02 Butte Creek**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
263-6	Serious	Seepage	10.54		Right	39.641017	-121.783046
263-7	Serious	Seepage	10.60		Right	39.641757	-121.783607

**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 stated that there is no information to report on 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 accomplished maintenance activities. Activities include encroachment control, inspections, Little Chico diversion structure maintenance, minor structure maintenance, patrolling, restoration, roadway maintenance, rodent control, slope dragging, and vegetation control. The reported total maintenance cost for the previous fiscal year was \$285,770.

**Part 4 A statement of work and estimated cost for operation 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, inspections, Little Chico diversion structure maintenance, maintenance overhead, minor structure maintenance, mobile equipment, patrolling, restoration, roadway maintenance, rodent control, slope dragging, telemetry maintenance, and vegetation control. The reported total estimated cost for the current fiscal year is \$417,400.

**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 stated that there is no information to report on Part 5.

MA 5

# Sutter Maintenance Yard Maintenance Area 0007

MA 7

**Butte County**

**Contact**

Joel Farias  
Utility Craftworker Superintendent  
P.O 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	11.90

**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**

<b>MA0007</b>	Total LMA Miles		<b>11.90</b>									
	<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>			
	Overall LMA Rating				Overall LMA Rating							
	<b>A</b>				<b>M</b>							
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	<b>0.08</b>					-0.01		-0.01	<b>-0.08</b>
Trim / Thin Trees	0.01		0.01	<b>0.08</b>					-0.01		-0.01	<b>-0.08</b>
Animal Control	0.01		0.01	<b>0.08</b>					-0.01		-0.01	<b>-0.08</b>
Erosion / Bank Caving					1.70		1.70	<b>14.29</b>	<b>1.70</b>		<b>1.70</b>	<b>14.29</b>
<i>Supplemental</i>												
USACE Erosion Survey	0.02		0.02	<b>0.17</b>	0.23		0.23	<b>1.93</b>	<b>0.21</b>		<b>0.21</b>	<b>1.77</b>
DWR UCIP Field Study												<b>0.00</b>
<i>LMA Totals:</i>	0.05	0.00	0.05	<b>0.42</b>	1.93	0.00	1.93	<b>16.23</b>	<b>1.88</b>	0.00	<b>1.88</b>	<b>15.81</b>

MA 7

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary**

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**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	1.71	eroding	M
FHR_50-9_R	50.90	4.39	4.46	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	Active	02/24/2014	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 expenses and accomplished maintenance activities. 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 \$26,700.

**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 planned maintenance activities for all levee units. Expenses include costs of encroachment removal, engineering and environmental support, minor structure maintenance, mobile equipment, patrolling, restoration/habitat enhancements, roadway maintenance, rodent control, slope dragging, and vegetation control. The reported total estimated cost for the current fiscal year is \$128,000.

**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 information relevant to the condition or performance of the levee.

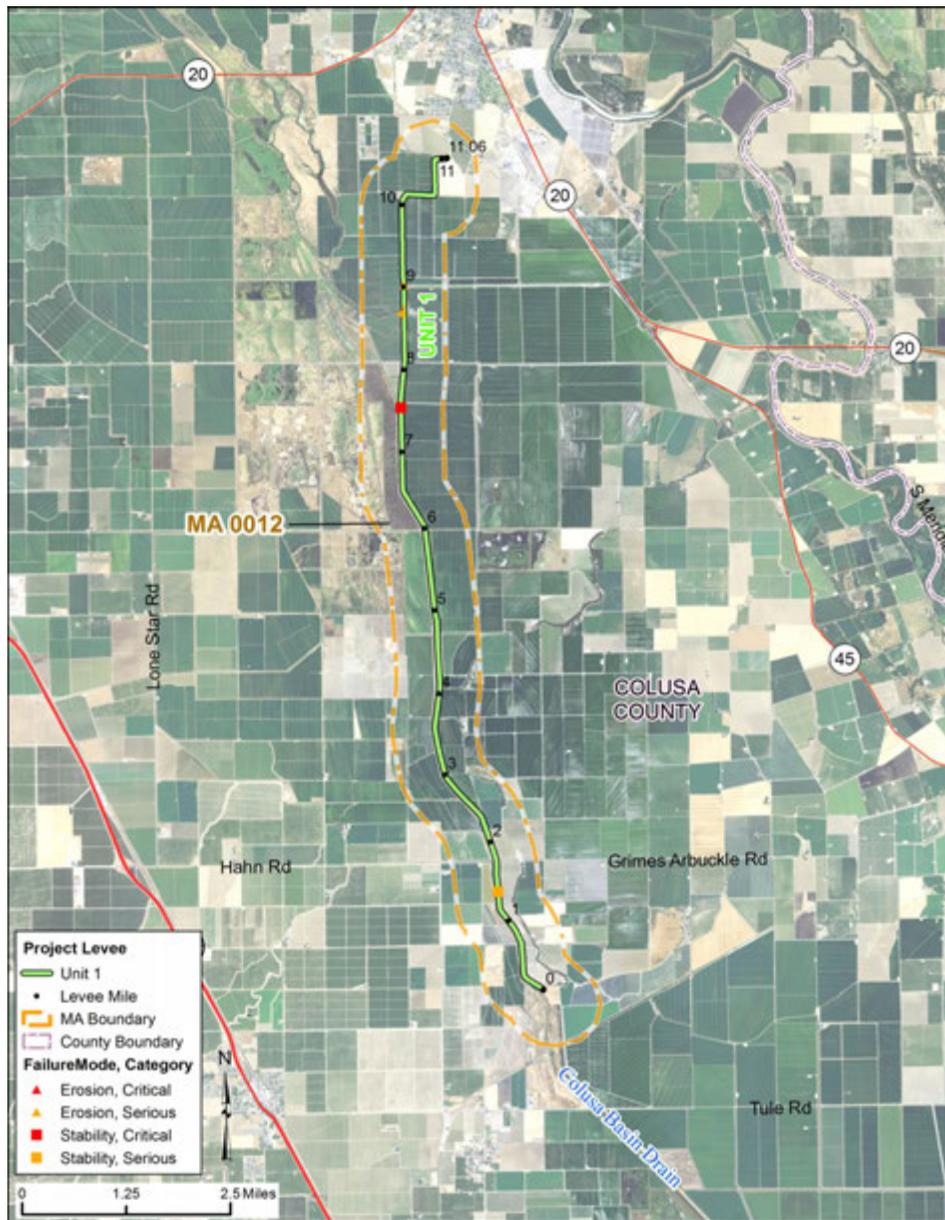
# Sutter Maintenance Yard Maintenance Area 0012

MA 12

**Colusa County**

**Contact**

Joel Farias  
Utility Craftworker Superintendent  
P.O Box 40  
Sutter CA 95982  
Phone: (530) 755-0071



LMA Short Name : MA0012	Bank	Unit Length (Miles)
Unit No. 01 Colusa Drain	LB	11.06

**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**

<b>MA0012</b>	Total LMA Miles		<b>11.06</b>									
	<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>			
	Overall LMA Rating				Overall LMA Rating							
	<b>A</b>				<b>A</b>							
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	<b>0.09</b>	<b>0.01</b>		<b>0.01</b>	<b>0.09</b>
Slope Stability	0.01		0.01	<b>0.09</b>					-0.01		-0.01	<b>-0.09</b>
Repair Gates	0.01		0.01	<b>0.09</b>					-0.01		-0.01	<b>-0.09</b>
<i>Supplemental</i>												
DWR UCIP Field Study												<b>0.00</b>
<i>LMA Totals:</i>	0.02	0.00	0.02	<b>0.18</b>	0.01	0.00	0.01	<b>0.09</b>	-0.01	0.00	-0.01	<b>-0.09</b>

**DWR Structure Inspection Summary**

MA 12

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary**

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No Supplemental Erosion Sites.

**USACE Inspection Ratings Summary**

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Sacramento River west bank	119.72	Active	03/09/2015	U

**DWR Flood System Repair Project Summary**

**Unit No. 01 Colusa Drain**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
FSRP-13-4	Serious	Stability	1.39		left Bank	39.051320	-122.003040
DWR_MA0012_01_R_2012_02	Critical	Stability	7.51	7.48	Left	39.136150	-122.022675
DWR_MA0012_01_R_2012_01	Serious	Erosion	8.76	8.65	Left	39.154220	-122.021720
DWR_MA0012_01_s_2012_7	Serious	Erosion	9.03		Left	39.158120	-122.021680

**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 expenses and accomplished maintenance activities. Activities include costs of 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 \$97,200.

**Part 4 A statement of work and estimated cost for operation 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 administrative overhead, encroachment control, engineering and environmental support, minor structure maintenance, mobile equipment, patrolling, restoration/habitat enhancements, roadway maintenance, rodent control, slope dragging, and vegetation control. The reported total estimated cost for the current fiscal year is \$103,000.

**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 information relevant to the condition or performance of the levee.

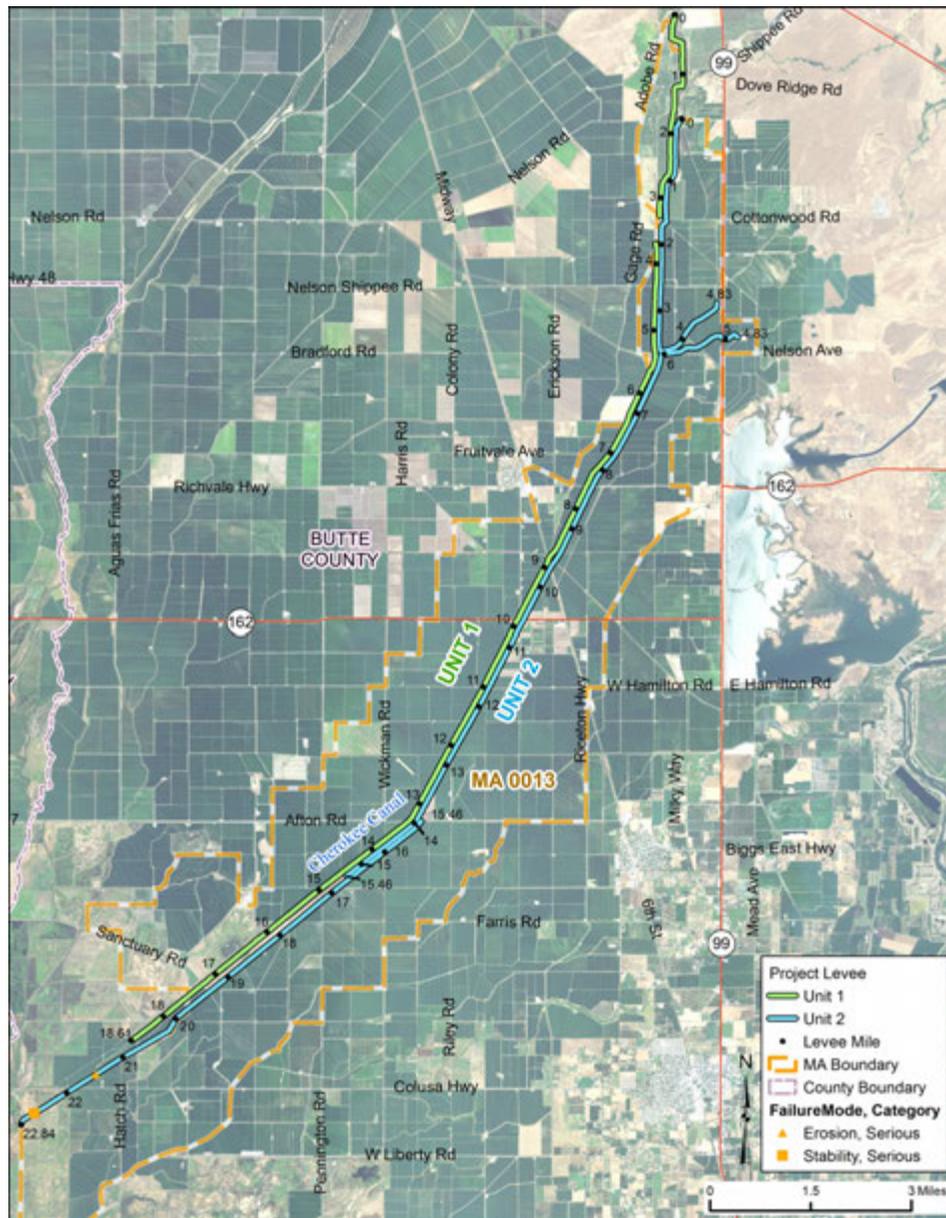
# Sutter Maintenance Yard Maintenance Area 0013

MA 13

**Butte County**

**Contact**

Joel Farias  
Utility Craftworker Superintendent  
P.O Box 40  
Sutter CA 95982  
Phone: (530) 755-0071



LMA Short Name : MA0013		Bank	Unit Length (Miles)
Unit No. 01	Cherokee Canal	RB	18.19
Unit No. 02	Cherokee Canal	LB	22.84

**Threat Assessment & Recommendations**

- The LMA should continue to maintain the area at the high level seen during the last inspection.
- The LMA should ensure that the levee crown and access roads are able to be driven in all weather conditions.

**DWR Levee Inspection Summary**

MA0013													
		Total LMA Miles		41.03									
		Fall 2014				Fall 2015				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												0.00	
Trim / Thin Trees	0.30		0.30	0.73	0.29		0.29	0.71	-0.01		-0.01	-0.02	
Encroachments	0.15		0.15	0.37	0.06		0.06	0.15	-0.09		-0.09	-0.22	
Animal Control					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	
Erosion / Bank Caving	0.02		0.02	0.05	0.02		0.02	0.05				0.00	
Crown Surface / Depressions / Rutting					1.64		1.64	4.00	1.64		1.64	4.00	
<i>Supplemental</i>													
USACE Erosion Survey	0.01		0.01	0.02	0.01		0.01	0.02				0.00	
DWR UCIP Field Study												0.00	
<i>LMA Totals:</i>	0.49	0.00	0.49	1.19	2.03	0.00	2.03	4.95	1.54	0.00	1.54	3.75	

MA 13

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary**

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**Unit No. 01 Cherokee Canal, RB**

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
CHK_11-7_R		11.58	11.59	eroding	M

**USACE Inspection Ratings Summary**

System Name	Length (Miles)	RIP Status	RIP Date	Rating
MA 13 Unit 1 - Cherokee Canal right bank	18.18	Inactive	05/08/2013	U
MA 13 Unit 2 north - Cherokee Canal left bank	4.78	Inactive	05/08/2013	U
MA 13 Unit 2 south - Cherokee Canal left bank	18.08	Inactive	05/08/2013	U

**DWR Flood System Repair Project Summary**

**Unit No. 01 Cherokee Canal**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
108-5	Critical	Other	3.69		Right	39.547020	-121.707622

**Unit No. 02 Cherokee Canal**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
USACE_CESPK_M13E_2011_p_0239	Serious	Erosion	21.48	21.53	Left	39.365140	-121.861930
USACE_CESPK_M13E_2011_p_0317	Serious	Stability	22.58		Left	39.356440	-121.879120

**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 stated that there is no information to report on 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 accomplished maintenance activities. Activities include encroachment control, inspections, minor structure maintenance, patrolling, restoration, roadway maintenance, rodent control, slope dragging, and vegetation control. The reported total maintenance cost for the previous fiscal year was \$246,530.

**Part 4 A statement of work and estimated cost for operation 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, inspections, minor structure maintenance, mobile equipment, patrolling, restoration, roadway maintenance, rodent control, slope dragging, telemetry maintenance, and vegetation control. The reported total estimated cost for the current fiscal year is \$261,500.

**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 on Part 5.

MA 13

# Sutter Maintenance Yard Maintenance Area 0016

Sutter County

MA 16

**Contact**

Joel Farias  
Utility Craftworker Superintendent  
P.O Box 40  
Sutter CA 95982  
Phone: (530) 755-0071

MA 16



LMA Short Name : MA0016		Bank	Unit Length (Miles)
Unit No. 01	Feather River	RB	4.06

**Threat Assessment & Recommendations**

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

**DWR Levee Inspection Summary**

<b>MA0016</b>	Total LMA Miles		<b>4.06</b>									
	<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>			
	Overall LMA Rating				Overall LMA Rating							
	<b>A</b>				<b>A</b>							
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												<b>0.00</b>
Animal Control	0.01		0.01	<b>0.25</b>					-0.01		-0.01	<b>-0.25</b>
<i>Supplemental</i>												
DWR UCIP Field Study												<b>0.00</b>
<i>LMA Totals:</i>	0.01	0.00	0.01	<b>0.25</b>	0.00	0.00	0.00	<b>0.00</b>	-0.01	0.00	-0.01	<b>-0.25</b>

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

MA 16

**USACE 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

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	Active	02/24/2014	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 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 accomplished maintenance activities. Activities include encroachment control, rodent control, slope dragging, and vegetation control. The reported total maintenance cost for the previous fiscal year was \$7,600.

**Part 4 A statement of work and estimated cost for operation 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 administrative overhead, encroachment control, minor structure maintenance, mobile equipment, restoration/habitat enhancements, patrolling, roadway maintenance, rodent control, slope dragging, and vegetation control. The reported total estimated cost for the current fiscal year is \$307,500.

**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 information relevant to the condition or performance of the levee.

# Sutter Maintenance Yard Maintenance Area 0017

Lake County

MA 17

**Contact**

Joel Farias  
Utility Craftsworker Superintendent  
P.O 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	3.87

**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 focus more on controlling woody vegetation.

**DWR Levee Inspection Summary**

<b>MA0017</b>	Total LMA Miles		<b>3.87</b>									
	<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>			
	Overall LMA Rating				Overall LMA Rating							
	<b>U</b>				<b>U</b>							
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	<b>323.13</b>						-3.13	-12.52	<b>-323.13</b>
Trim / Thin Trees		3.12	12.48	<b>322.10</b>		3.14	12.56	<b>324.16</b>		0.02	0.08	<b>2.06</b>
<i>Supplemental</i>												
DWR UCIP Field Study												<b>0.00</b>
<i>LMA Totals:</i>	0.00	6.25	25.00	<b>645.23</b>	0.00	3.14	12.56	<b>324.16</b>	0.00	-3.11	-12.44	<b>-321.07</b>

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

MA 17

**USACE 2015 Sacramento River Erosion Summary**

>>> DRAFT DATA <<<

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	01/20/2015	U
Middle Creek left bank - Unit 1 south	3.51	Inactive	01/20/2015	U

**DWR Flood System Repair Project Summary**

**Unit No. 01 Lake County Sutter Maintenance Yard - Middle Creek**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
81-10	Critical	Seepage	4.77		Left	39.134166	-122.898473
81-8	Critical	Seepage	5.43	5.33	Left	39.127431	-122.891920

**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 stated that there is no information to report on 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 accomplished maintenance activities. Activities include encroachment control, inspections, minor structure maintenance, patrolling, restoration, roadway maintenance, rodent control, telemetry maintenance, and vegetation control. The reported total maintenance cost for the previous fiscal year was \$76,980.

**Part 4 A statement of work and estimated cost for operation 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, inspections, maintenance overhead, minor structure maintenance, mobile equipment, patrolling, plant operations and maintenance, restoration, roadway maintenance, rodent control, telemetry maintenance, and vegetation control. The reported total estimated cost for the current fiscal year is \$104,500.

**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 on Part 5.

# Sutter Maintenance Yard Murphy Slough at M&T Ranch

M&T Ranch

## **Contact**

Joel Farias  
Utility Craftsworker Superintendent  
P.O Box 40  
Sutter CA 95982  
Phone: (530) 755-0071



M&T Ranch

LMA Short Name : ST0014	Bank	Unit Length (Miles)
Unit No. 01 Murphy Slough at M&T Ranch	LB	0.83

**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**

<b>ST0014</b>	Total LMA Miles		<b>0.83</b>									
	<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>			
	Overall LMA Rating				Overall LMA Rating							
	<b>U</b>				<b>U</b>							
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	0.38		0.38	<b>45.67</b>	0.18		0.18	<b>21.63</b>	-0.20		-0.20	<b>-24.04</b>
<i>LMA Totals:</i>	0.38	0.00	0.38	<b>45.67</b>	0.18	0.00	0.18	<b>21.63</b>	-0.20	0.00	-0.20	<b>-24.04</b>

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary**

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No Supplemental Erosion Sites.

M&T Ranch

**USACE Inspection Ratings Summary**

No USACE Ratings available.

**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 mentioned no maintenance was performed during the previous fiscal year.

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

The Agency reported the 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**

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

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# Sutter Maintenance Yard Nelson Bend

**Sutter County**

**Contact**

Joel Farias  
Utility Craftworker Superintendent  
P.O 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**

<b>ST0006</b>	Total LMA Miles		<b>0.50</b>									
	<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>			
	Overall LMA Rating				Overall LMA Rating							
	<b>U</b>				<b>U</b>							
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	<b>110.64</b>	0.06	0.84	3.42	<b>687.99</b>	-0.49	<b>0.84</b>	<b>2.87</b>	<b>577.35</b>
Trim / Thin Trees	0.44		0.44	<b>88.51</b>					-0.44		-0.44	<b>-88.51</b>
<i>LMA Totals:</i>	0.99	0.00	0.99	<b>199.15</b>	0.06	0.84	3.42	<b>687.99</b>	-0.93	<b>0.84</b>	<b>2.43</b>	<b>488.83</b>

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary**

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No Supplemental Erosion Sites.

Nelson Bend

**USACE Inspection Ratings Summary**

System Name	Length (Miles)	RIP Status	RIP Date	Rating
Feather River - Nelsen Bend West Levee	0.55	Inactive	07/22/2014	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 information 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 accomplished maintenance activities. Activities include minor structure repair and maintenance. The reported total maintenance cost for the previous fiscal year was \$37,580.

**Part 4 A statement of work and estimated cost for operation 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 vegetation control. The reported total estimated cost for the current 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**

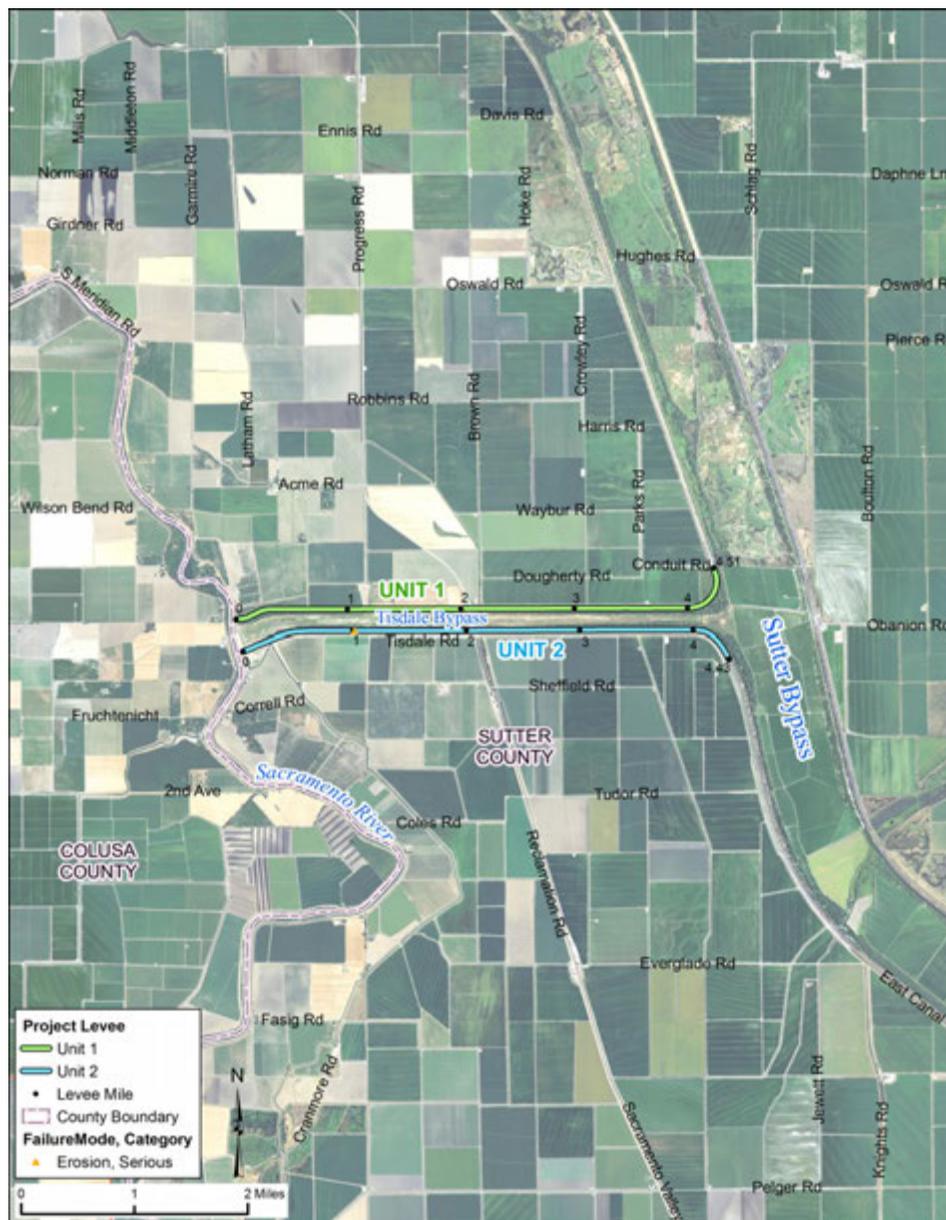
The Agency reported that there is no information for Part 5.

# Sutter Maintenance Yard Tisdale Bypass

**Sutter County**

**Contact**

Joel Farias  
Utility Craftworker Superintendent  
P.O Box 40  
Sutter CA 95982  
Phone: (530) 755-0071



LMA Short Name : ST0009		Bank	Unit Length (Miles)
Unit No. 01	Tisdale Bypass	LB	4.51
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.

**DWR Levee Inspection Summary**

<b>ST0009</b>	Total LMA Miles		<b>8.94</b>									
	<b>Fall 2014</b>				<b>Fall 2015</b>				<b>Change</b>			
	Overall LMA Rating				Overall LMA Rating							
	<b>A</b>				<b>A</b>							
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	0.03		0.03	<b>0.34</b>	0.04		0.04	<b>0.45</b>	<b>0.01</b>		<b>0.01</b>	<b>0.11</b>
<i>Supplemental</i>												
DWR UCIP Field Study												<b>0.00</b>
<i>LMA Totals:</i>	0.03	0.00	0.03	<b>0.34</b>	0.04	0.00	0.04	<b>0.45</b>	<b>0.01</b>	0.00	<b>0.01</b>	<b>0.11</b>

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary**

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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	09/08/2014	M

**DWR Flood System Repair Project Summary**

**Unit No. 02 Tisdale Bypass**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
DWR_ST0009_02_s_2012_3	Serious	Erosion	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 accomplished maintenance activities. 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 \$284,000.

**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 planned maintenance activities 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**

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

# Sutter Maintenance Yard Wadsworth Canal

**Sutter County**

**Contact**

Joel Farias  
Utility Craftworker Superintendent  
P.O Box 40  
Sutter CA 95982  
Phone: (530) 755-0071



LMA Short Name : ST0010		Bank	Unit Length (Miles)
Unit No. 01	Wadsworth Canal	LB	4.63
Unit No. 02	Wadsworth Canal	RB	4.60

**Threat Assessment & Recommendations**

- 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**

ST0010	Total LMA Miles		9.22									
	Fall 2014				Fall 2015				Change			
	Overall LMA Rating		A		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>												
Animal Control	0.02		0.02	0.22	0.01		0.01	0.11	-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	0.53		0.53	5.75	0.48	0.01	0.52	5.64	-0.05	0.01	-0.01	-0.11
<i>Supplemental</i>												
USACE Erosion Survey	0.05		0.05	0.54	3.04		3.04	32.96	2.99		2.99	32.42
DWR UCIP Field Study												0.00
<i>LMA Totals:</i>	0.61	0.00	0.61	6.61	3.54	0.01	3.58	38.81	2.93	0.01	2.97	32.20

**DWR Structure Inspection Summary**

No Structures Inspected in this District.

**DWR Channel Inspection Summary**

No Channels Inspected in this District.

**USACE 2015 Sacramento River Erosion Summary >>> DRAFT DATA <<<**

**Unit No. 01 Wadsworth Canal, LB**

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
WAD_2-1_L		1.75	2.39	eroding	M
WAD_2-4_L		2.43	3.30	eroding	M

**Unit No. 02 Wadsworth Canal, RB**

Site ID	River Mile	Levee Mile Start	Levee Mile End	Status	Rating
WAD_2-1_R		1.74	2.37	eroding	M
WAD_2-4_R		2.41	3.28	eroding	M
WAD_4-3_R		4.41	4.43	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	Active	02/24/2014	U
Wadsworth Canal right bank - Sutter Bypass East	8.84	Inactive	10/18/2013	U

**DWR Flood System Repair Project Summary**

**Unit No. 01 Wadsworth Canal**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
DWR_ST0010_01_s_2012_13	Serious	Erosion	3.29		Right	39.152875	-121.734320

**Unit No. 02 Wadsworth Canal**

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
DWR_ST0010_02_s_2012_14	Serious	Erosion	3.26		Right	39.152903	-121.734906
DWR_ST0010_02_s_2012_4	Serious	Erosion	3.42		Right	39.155057	-121.733985
DWR_ST0010_02_s_2012_5	Serious	Erosion	3.54	3.93	Right	39.156753	-121.733267
DWR_ST0010_02_s_2012_13	Serious	Erosion	4.41	4.43	Right	39.168659	-121.728016

**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 information 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 accomplished maintenance activities. Activities include burning, crown roadway maintenance, encroachment control, erosion repair, inspections, levee restoration, minor structure maintenance, mowing, patrolling, rodent control, seepage control, slope dragging, and vegetation control. The reported total maintenance cost for the previous fiscal year was \$97,070.

**Part 4 A statement of work and estimated cost 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 there is no information for Part 5.