

2017

# **INSPECTION AND LOCAL MAINTAINING AGENCY REPORT**

## **OF THE CENTRAL VALLEY STATE-FEDERAL FLOOD PROTECTION SYSTEM**

Code of Federal Regulations, Title 33, Section 208.10

California Water Code Sections 9140 - 9141

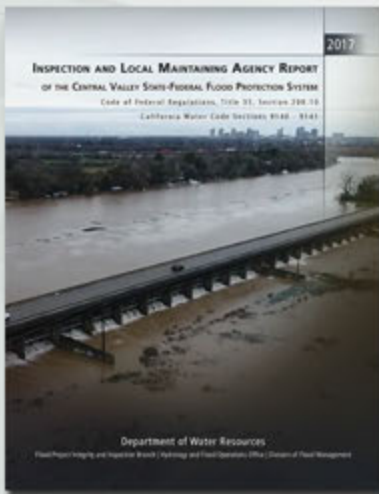


**Department of Water Resources**

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



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## Distribution Information

Bound hard copy reports have been distributed to Local Maintaining Agencies and the Central Valley Flood Protection Board (CVFPB) members and staff. An electronic copy can be obtained from the websites of the Department of Water Resources (Department) at (<http://cdec.water.ca.gov/lma.html>) or the CVFPB (<http://www.cvfpb.ca.gov>). Counties, cities, and public libraries within the jurisdictional areas of Local Maintaining Agencies have been provided with electronic copies of the report as well. Additional hard copies can be obtained via mail request to: Department of Water Resources, Publications, P.O. Box 942836, Sacramento, CA 94236, 916-653-1097 or by e-mail request to Publications at: [imr-publications@water.ca.gov](mailto:imr-publications@water.ca.gov).

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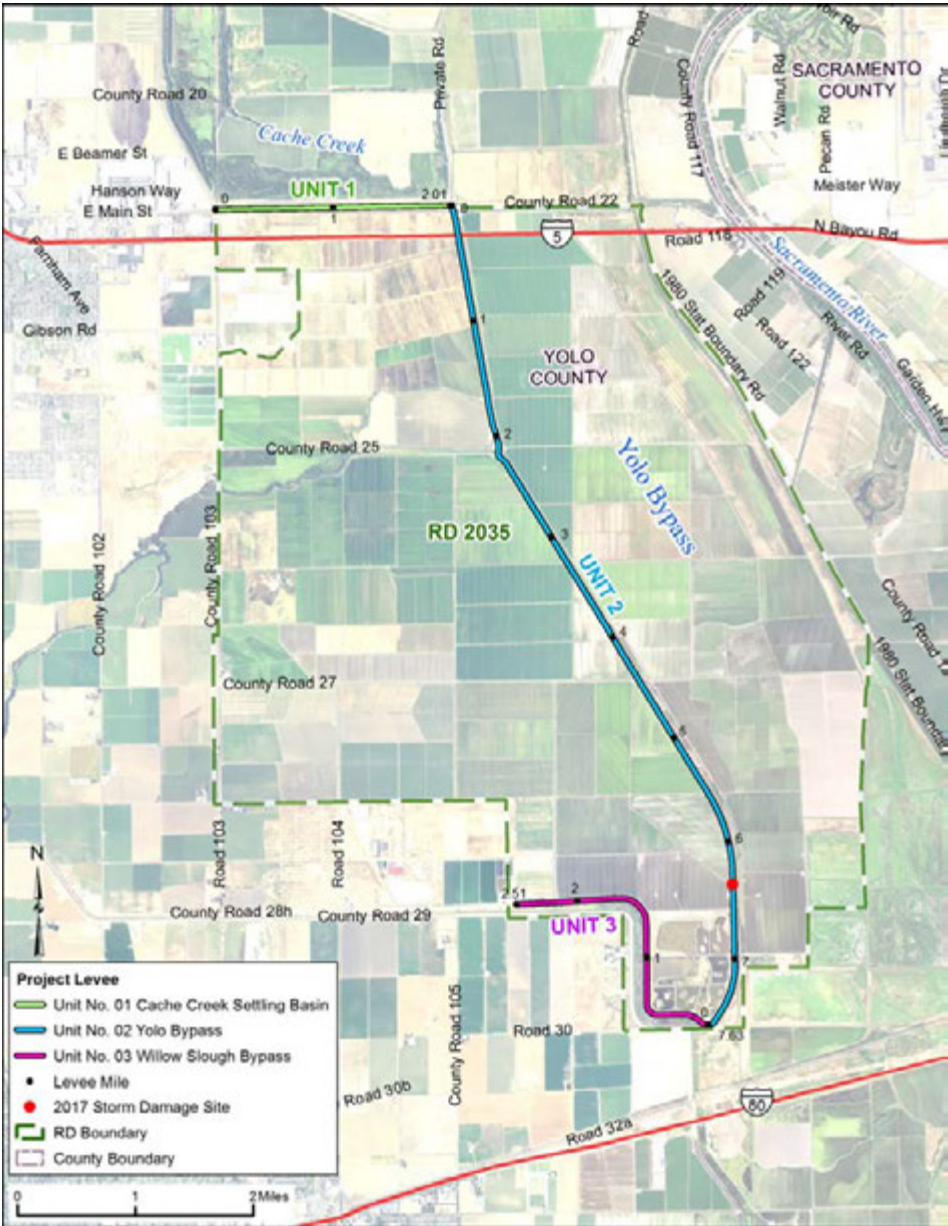
# Reclamation District No. 2035 Conaway

## Yolo County

### Contact

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RD 2035



LMA Short Name : RD2035

Bank Unit Length (Miles)

Unit No. 01	Cache Creek Settling Basin	RB	2.01
Unit No. 02	Yolo Bypass	RB	7.63
Unit No. 03	Willow Slough Bypass	LB	2.51

Threat Assessment & Recommendations

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

## DWR Levee Inspection Summary

<b>RD2035</b>	Total LMA Miles : <b>12.15</b>											
	<b>Fall 2016</b>				<b>Fall 2017</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>												
Flood Preparedness & Training	0.12		0.12	<b>0.99</b>	0.12		0.12	<b>0.99</b>				<b>0.00</b>
<i>Supplemental</i>												
2015 USACE Erosion Survey, DRAFT	1.31		1.31	<b>10.78</b>					-1.31		-1.31	<b>-10.78</b>
DWR UCIP Field Study												<b>0.00</b>
DWR UCIP LMA Responsibility												<b>0.00</b>
<i>LMA Totals:</i>	1.43	0.00	1.43	<b>11.77</b>	0.12	0.00	0.12	<b>0.99</b>	-1.31	0.00	-1.31	<b>-10.78</b>

RD 2035

## 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

&gt;&gt;&gt; DRAFT DATA &lt;&lt;&lt;

## 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)	PL 84 - 99 Rehabilitation Program		
		Status	Date	
Cache Creek - RD 2035 - Willow Bypass	28.77	Active	7/6/2016	

## 2017 Storm Damage Sites

## Unit No. 02 Yolo Bypass

Site Designation	Rating	Repair Type	Start Levee Mile	End Levee Mile	Start Latitude	Start Longitude
RD 2035-08	Critical	Erosion	6.35	6.38	38.592840	-121.631340

## DWR 2016 Flood System Repair Project Summary

POI Number	Category	Failure Mode	Start Levee Mile	End Levee Mile	Bank	Start Latitude	Start Longitude
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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 multiple issues on Levee Unit 2 and 3. Issues on Levee Unit 2 include encroachments at LM 0.00, 0.02, 1.70, 2.04, 2.10, 3.40, 6.53, and 6.59, landside and waterside erosion around the pump station at LM 6.50, and vegetation issues at LM 1.69 and LM 2.14. Issues on Levee Unit 3 include encroachments at LM 0.00, 2.17, and 2.50, and vegetation between LM 1.46 and 1.74, and between LM 1.90 and 2.17.

**Part 2 Information identifying 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 levee toe eroding issues at Levee Unit 2, between LM 0.33 and 6.5, freeboard deficiency at Levee Unit 2, between LM 0.01 and 4.1 and between LM 5.6 and 6.49, major sloughing at Levee Unit 2, between LM 2.6 and 6.2, cracks on waterside slope at Levee Unit 2, between LM 0.45 and 1.61, and pipe crossing at Levee Unit 1, LM 0.03, at Levee Unit 2, LM 2.16, 4.41, 4.42, and 6.49, and at Levee Unit 3, LM 1.38 and 2.12.

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

The Agency provided a summary of maintenance activities performed. Activities include flood fighting, rodent control, slope dragging, and vegetation burning 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 rodent control, slope dragging, and vegetation burning and mowing. The reported total cost for the current fiscal year is \$157,000. The Agency also provided an estimated budget to repair the levee crown and erosion sites that occurred during 2017 storms. The estimated cost is \$10,887,000.

**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 draft System Wide Improvement Framework (SWIF) was submitted to USACE in July 2017 and noted USACE accepted the draft SWIF in lieu of the one-year progress report required to maintain eligibility in the PL 84-99 levee rehabilitation program.