

**Flood Control Project Maintenance  
Levee Inspections**

**Fall 2011 Levee Maintenance Deficiency Summary Report**

**Overall LMA & Unit Ratings, including USACE Erosion Survey**

**Sacramento River Basin**

MA0003 Sutter Maintenance Yard Maintenance Area 0003	Overall LMA Rating	Total LMA Miles				
	<b>A</b>	<b>5.19</b>				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
<i>Earthen Levee</i>						
Slope Stability	0.13		0.13	2.51%		
Crown Surface / Depressions / Rutting	0.13		0.13	2.51%		
<i>Interior Drainage &amp; Piping Systems</i>						
Sluice / Slide Gates	0.01		0.01	0.19%		
<i>LMA Totals:</i>	0.27	0.00	0.27	5.20%	0.00	0.00

**Flood Control Project Maintenance  
Levee Inspections  
LMA District Cover Sheet  
Fall 2011 Levee Inspection Results**

**Sutter Maintenance Yard Maintenance Area 0003**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			A	

\*\* Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

\* SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2011 Levee Inspection Results**

**Sutter Maintenance Yard Maintenance Area 0003**

Waterway		Bank	Unit Miles
Unit No. 01 Feather River		Right	5.19

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>A</b>	
Date of Inspection	5/3/2011 - 5/3/2011		10/11/2011 - 10/11/2011	
DWR Inspector	Clay Thomas		Clay Thomas	
Accompanied By				

Check one:

- During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports  
3310 El Camino Avenue, Suite 200  
Sacramento, CA 95821-9000


**X**

Signature of LMA Representative

Date

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sutter Maintenance Yard Maintenance Area 0003**

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River				Right	5.19	10/11/2011 10/11/2011	Clay Thomas

  

LMIR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.80	0.80	Interior Drainage & Piping Systems	Sluice / Slide Gates	LS	M	Inspector Comments: This pipe leaked during the high water event of 2010/2011.	38.903291 ° -121.605747 °	38.903291 ° -121.605747 °	5 Y
2	1.72	1.85	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Add appropriate gravel or road base. Grade and compact.	38.906503 ° -121.591216 °	38.907690 ° -121.589415 °	118
3	2.29	2.42	Earthen Levee	Slope Stability	WS	M	Repair slope instability. Inspector Comments: Material movement on the waterside slope.	38.912960 ° -121.585220 °	38.914582 ° -121.584106 °	119 Y

<p><b>* Location</b></p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p><b>** Rating</b></p> <p>A : Acceptable      PO : Partially Obstructing      N : Not Inspected, see Inspector Comment      C : Corrected M : Minimally Acceptable      CO : Completely Obstructing U : Unacceptable      W : Watch/Monitor</p>
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sutter Maintenance Yard Maintenance Area 0003**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	5.19	10/11/2011 10/11/2011	Clay Thomas

Levee Mile Report Line	1
Start Levee Mile	0.80
End Levee Mile	0.80
Location	Land Side
Category	Interior Drainage & Piping Systems
Item	Sluice / Slide Gates

Levee mile 0.80, this photo is looking at the landside toe, one of these pipes leaked during the high water event of 2010/2011.

cathom\_f\_20110929\_813.jpg



Levee Mile Report Line	3
Start Levee Mile	2.29
End Levee Mile	2.42
Location	Water Side
Category	Earthen Levee
Item	Slope Stability

This photo is the waterside slope looking downstream at levee mile 2.29.

cathom\_f\_20111020\_960.jpg



Levee Mile Report Line	3
Start Levee Mile	2.29
End Levee Mile	2.42
Location	Water Side
Category	Earthen Levee
Item	Slope Stability

This photo is the waterside slope looking upstream.

cathom\_f\_20111020\_961.jpg



<p><b>* Location</b>                  LS : Land Side                  WS : Water Side                  CR : Crown</p>	<p><b>** Rating</b>                  A : Acceptable                  M : Minimally Acceptable                  U : Unacceptable</p>	<p>PO : Partially Obstructing                  CO : Completely Obstructing                  W : Watch/Monitor</p>	<p>N : Not Inspected, see Inspector Comment                  C : Corrected</p>
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