

**Flood Control Project Maintenance  
Levee Inspections  
LMA District Cover Sheet  
Spring 2010 Levee Inspection Results**

**Sutter Maintenance Yard Maintenance Area 0012**

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

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

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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**

**Spring 2010 Levee Inspection Results**

**Sutter Maintenance Yard Maintenance Area 0012**

Waterway			Bank	Unit Miles
Unit No. 01 Colusa Drain			Left	11.31

  

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/22/2010 - 3/22/2010			
DWR Inspector	Bob Duffey			
Accompanied By	Bryan Reniff Sutter Yard			

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, Room LL-30  
Sacramento, CA 95821-9000

**X**

Signature of LMA Representative

Date

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2010**

**Sutter Maintenance Yard Maintenance Area 0012**

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Colusa Drain						Left	11.31	03/22/2010 03/22/2010	Bob Duffey	
LMR No	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	2.65	3.76	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	39.067343 ° -122.009611 °	39.081684 ° -122.016243 °	1
2	3.60	3.69	Earthen Levee	Erosion / Bank Caving	LS	M	Schedule repair of erosion site prior to the next inspection.	39.079396 ° -122.016328 °	39.080715 ° -122.016420 °	2 Y
3	4.16	4.31	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	39.087326 ° -122.015182 °	39.089409 ° -122.015253 °	3
4	4.83	4.88	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	39.096839 ° -122.015568 °	39.097455 ° -122.015581 °	4
5	7.68	7.70	Earthen Levee	Erosion / Bank Caving	WS	M	Schedule repair of erosion site prior to the next inspection.	39.136206 ° -122.022815 °	39.136464 ° -122.022819 °	5 Y
6	7.92	7.94	Earthen Levee	Erosion / Bank Caving	WS	M	Schedule repair of erosion site prior to the next inspection.	39.139608 ° -122.022566 °	39.139788 ° -122.022539 °	6 Y
7	10.72	10.72	Earthen Levee	Slope Stability	WS	M	Repair the levee slope damaged by vehicle traffic and prevent access where possible.	39.173931 ° -122.014372 °	39.173931 ° -122.014372 °	7

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
PO : Partially Obstructing  
CO : Completely Obstructing  
N : Not Inspected  
C : Corrected  
W : Watch/Monitor

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2010**

**Sutter Maintenance Yard Maintenance Area 0012**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Drain	Left	11.31	03/22/2010 03/22/2010	Bob Duffey

Levee Mile Report Line	2
Start Levee Mile	3.60
End Levee Mile	3.69
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving

View of the erosion along the landslide toe of the levee.

rduffey\_s\_20100607\_008.jpg



Levee Mile Report Line	5
Start Levee Mile	7.68
End Levee Mile	7.70
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

View of the erosion along the edge of the waterside crown.

rduffey\_s\_20100607\_009.jpg



Levee Mile Report Line	6
Start Levee Mile	7.92
End Levee Mile	7.94
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

View of the erosion along the waterside crown of the levee

rduffey\_s\_20100607\_015.jpg



**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable      PO : Partially Obstructing      C : Corrected  
M : Minimally Acceptable      CO : Completely Obstructing      W : Watch/Monitor  
U : Unacceptable      N : Not Inspected