

**Flood Control Project Maintenance
Levee Inspections**

Fall 2009 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

MA0007	Overall LMA Rating	Total LMA Miles				
Sutter Maintenance Yard Maintenance Area 0007	A	12.07				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Encroachments	0.01		0.01	0.08%	3.25	0.09
Erosion / Bank Caving	0.02		0.02	0.17%		
<i>LMA Totals:</i>	0.03	0.00	0.03	0.25%	3.25	0.09

**Flood Control Project Maintenance
Levee Inspections
LMA District Cover Sheet
Fall 2009 Levee Inspection Results**

Sutter Maintenance Yard Maintenance Area 0007

	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 2009 Levee Inspection Results

Sutter Maintenance Yard Maintenance Area 0007

Waterway	Bank	Unit Miles
Unit No. 01 Feather River	Right	12.07

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	3/17/2009		9/24/2009	
DWR Inspector	Clay Thomas		Clay Thomas	
Accompanied By			Jason Cooper	

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 - Fall 2009

Sutter Maintenance Yard Maintenance Area 0007

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	12.07	10/26/2009 10/26/2009	Clay Thomas

LMIR No	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.01	1.73	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	39.311297 ° -121.637490 °	39.334365 ° -121.633975 °	42 Y
2	1.21	1.21	Earthen Levee	Encroachments	WS	CO	Buildings	39.327187 ° -121.632395 °	39.327187 ° -121.632395 °	33
3	1.32	1.32	Earthen Levee	Encroachments	WS	PO	Landscaping	39.327473 ° -121.642058 °	39.327473 ° -121.642058 °	5
4	2.53	2.53	Earthen Levee	Erosion / Bank Caving	WS	C	Note and monitor erosion site.	39.344932 ° -121.629618 °	39.344932 ° -121.629618 °	7
5	2.85	2.85	Earthen Levee	Erosion / Bank Caving	LS	C	Note and monitor erosion site.	39.349292 ° -121.630390 °	39.349292 ° -121.630390 °	8
6	2.85	2.85	Earthen Levee	Erosion / Bank Caving	WS	C	Note and monitor erosion site.	39.349302 ° -121.630395 °	39.349302 ° -121.630395 °	9
7	3.11	3.11	Earthen Levee	Encroachments	LS	C	Prunings	39.352845 ° -121.631383 °	39.352845 ° -121.631383 °	41
8	3.11	3.11	Earthen Levee	Erosion / Bank Caving	LS	C	Note and monitor erosion site.	39.352832 ° -121.631413 °	39.352832 ° -121.631413 °	11
9	3.36	3.36	Earthen Levee	Encroachments	LS	C	Prunings	39.354508 ° -121.635392 °	39.354508 ° -121.635392 °	40
10	3.71	3.71	Earthen Levee	Encroachments	LS	C	Prunings	39.358190 ° -121.639663 °	39.358190 ° -121.639663 °	13
11	3.85	5.37	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	39.359942 ° -121.640780 °	39.379262 ° -121.650698 °	39 Y
12	5.42	5.42	Earthen Levee	Encroachments	LS	CO	Buildings	39.379947 ° -121.650525 °	39.379947 ° -121.650525 °	32
13	6.07	6.07	Earthen Levee	Erosion / Bank Caving	WS	C	Note and monitor erosion site.	39.380533 ° -121.638600 °	39.380533 ° -121.638600 °	17
14	6.62	6.62	Earthen Levee	Erosion / Bank Caving	LS	M	Note and monitor erosion site.	39.386378 ° -121.632572 °	39.386378 ° -121.632572 °	18
15	8.86	8.86	Earthen Levee	Erosion / Bank Caving	LS	M	Note and monitor erosion site. Inspector Comments: Vehicle traffic	39.408563 ° -121.637423 °	39.408563 ° -121.637423 °	31
16	9.09	9.09	Earthen Levee	Encroachments	LS	C	Tree or limb	39.409772 ° -121.634693 °	39.409772 ° -121.634693 °	23
17	9.79	9.79	Earthen Levee	Encroachments	LS	CO	Buildings	39.416384 ° -121.634503 °	39.416384 ° -121.634503 °	45
18	9.97	9.97	Earthen Levee	Encroachments	LS	M	Debris	39.418821 ° -121.634885 °	39.418821 ° -121.634885 °	44

* 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
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**Flood Control Project Maintenance
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Levee Inspection Report By Mile - Fall 2009

Sutter Maintenance Yard Maintenance Area 0007

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	12.07	10/26/2009 10/26/2009	Clay Thomas

LMR No	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
19	11.63	11.69	Earthen Levee	Encroachments	LS	CO	Landscaping	39.437119 ° -121.645860 °	39.437949 ° -121.646280 °	43

<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p> <p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected</p> <p>C : Corrected</p>
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Levee Inspection Report By Mile - Fall 2009

Sutter Maintenance Yard Maintenance Area 0007

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	12.07	10/26/2009 10/26/2009	Clay Thomas

Levee Mile Report Line	1
Start Levee Mile	0.01
End Levee Mile	1.73
Location	Land Side
Category	Earthen Levee
Item	Encroachments
AG ditch land side slope and toe.	
cathom_20090924_2.jpg	



Levee Mile Report Line	11
Start Levee Mile	3.85
End Levee Mile	5.37
Location	Land Side
Category	Earthen Levee
Item	Encroachments
AG ditch land side slope and toe.	
cathom_20090924_1.jpg	



<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected</p>	<p>C : Corrected</p>
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