

**Flood Control Project Maintenance
Levee Inspections**

Fall 2012 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

LD0001S Levee District No. 0001 (Sutter County)	Overall LMA Rating	Total LMA Miles						
	A	16.65						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation					0.01			
Encroachments					0.73			
<i>Interior Drainage & Piping Systems</i>								
Metal Pipes	0.01		0.01	0.06%				
LMA Totals:	0.01	0.00	0.01	0.06%	0.74	0.00	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections
LMA District Cover Sheet
Fall 2012 Levee Inspection Results**

Levee District No. 0001 (Sutter County)

	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 2012 Levee Inspection Results

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles
Unit No. 01 Feather River	Right	16.65

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	03/26/2012 - 03/26/2012		09/20/2012 - 09/20/2012	
DWR Inspector	Clay Thomas		Clay Thomas	
Accompanied By	Bill Hampton LD 1 Sutter		Bill Hampton LD 1 Sutter	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.65	09/20/2012 09/20/2012	Clay Thomas

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1			Earthen Levee	Operations & Maintenance Manuals	LS	A Ma	Inspector Comments: The LMA has a copy.	38.951041 ° -121.585736 °	38.951041 ° -121.585736 °	1
DWR ID: DWR_LD0001S_01_s_2012_1										
2			Earthen Levee	Emergency Supplies & Equipment	LS	A Ma	Inspector Comments: The LMA has their own supplies.	38.951041 ° -121.585736 °	38.951041 ° -121.585736 °	2
DWR ID: DWR_LD0001S_01_s_2012_2										
3			Earthen Levee	Flood Preparedness & Training	LS	A Ma	Inspector Comments: Training attended yearly.	38.951041 ° -121.585736 °	38.951041 ° -121.585736 °	6
DWR ID: DWR_LD0001S_01_s_2012_6										
4	0.00	16.63	Earthen Levee	Vegetation	LS	A Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.951048 ° -121.585736 °	39.168603 ° -121.622726 °	4 Y
DWR ID: DWR_LD0001S_01_f_2012_4										
5	0.00	16.63	Earthen Levee	Vegetation	WS	A Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.951046 ° -121.585738 °	39.168604 ° -121.622726 °	5 Y
DWR ID: DWR_LD0001S_01_f_2012_5										
6	0.33	0.33	Earthen Levee	Encroachments	LS	M En	PO : Pole	38.955946 ° -121.585517 °	38.955946 ° -121.585517 °	8
DWR ID: DWR_LD0001S_01_f_2012_8										
7	0.82	0.82	Earthen Levee	Encroachments	LS	M En	DE : Debris	38.963081 ° -121.586217 °	38.963081 ° -121.586217 °	9
DWR ID: DWR_LD0001S_01_f_2012_9										
8	0.94	1.02	Earthen Levee	Encroachments	LS	M En	AT : Agricultural tilling Inspector Comments: Occuring at the levee toe.	38.964768 ° -121.586681 °	38.965668 ° -121.587392 °	10
DWR ID: DWR_LD0001S_01_f_2012_10										
9	1.19	1.19	Earthen Levee	Encroachments	LS	M En	DE : Debris	38.968022 ° -121.587509 °	38.968022 ° -121.587509 °	7
DWR ID: DWR_LD0001S_01_s_2012_7										
10	1.84	1.84	Interior Drainage & Piping Systems	Metal Pipes	LS	M Ma	Inspector Comments: Abandoned pipe. This pipe is listed in our levee log as an abandoned pipe, no date listed. No permit number. Corp pipe.	38.976927 ° -121.591210 °	38.976927 ° -121.591210 °	487 Y
DWR ID: DWR_LD0001S_01_s_2012_487										
11	9.35	9.35	Earthen Levee	Vegetation	LS	M En	V6 : Landscaping	39.076558 ° -121.605837 °	39.076558 ° -121.605837 °	489
DWR ID: DWR_LD0001S_01_s_2012_489										
12	13.64	14.26	Earthen Levee	Encroachments	LS	M En	BU : Building	39.130197 ° -121.602453 °	39.138262 ° -121.607007 °	3
DWR ID: DWR_LD0001S_01_s_2012_3										

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
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Levee Inspection Report By Mile - Fall 2012

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.65	09/20/2012 09/20/2012	Clay Thomas

Levee Mile Report Line	4
Start Levee Mile	0.00
End Levee Mile	16.63
Location	Land Side
Category	Earthen Levee
Item	Vegetation

This photo shows the landside levee slope.

cathom_f_20120924_203.JPG



Levee Mile Report Line	5
Start Levee Mile	0.00
End Levee Mile	16.63
Location	Water Side
Category	Earthen Levee
Item	Vegetation

This photo shows the waterside levee slope.

cathom_f_20120924_204.JPG



Levee Mile Report Line	10
Start Levee Mile	1.84
End Levee Mile	1.84
Location	Land Side
Category	Interior Drainage & Piping Systems
Item	Metal Pipes

This photo shows the abandoned pipe on the waterside berm, note the piece of wood stuck in the pipe.

cathom_f_20120912_001.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>N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain</p>	<p>+ Issue Type</p> <p>Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement</p>
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