

**Flood Control Project Maintenance  
Levee Inspections**

**Fall 2012 Levee Maintenance Deficiency Summary Report**

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

**Sacramento River Basin**

ST0006 Sutter Maintenance Yard Nelson Bend	Overall LMA Rating	Total LMA Miles						
	<b>U</b>	<b>0.50</b>						
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	0.55		0.55	110.00%				
Trim / Thin Trees	0.44		0.44	88.00%				
Encroachments						0.51		
<b>LMA Totals:</b>	<b>0.99</b>	<b>0.00</b>	<b>0.99</b>	<b>198.00%</b>	<b>0.00</b>	<b>0.51</b>	<b>0.00</b>	<b>0.00</b>

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

**Sutter Maintenance Yard Nelson Bend**

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

\*\* 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**

**Sutter Maintenance Yard Nelson Bend**

Waterway	Bank	Unit Miles
Unit No. 01 Feather River West Levee-Nelson Bend		0.50

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>U</b>	
Date of Inspection	03/27/2012 - 03/27/2012		-	
DWR Inspector	Clay Thomas		Clay Thomas	
Accompanied By				

**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**

**Sutter Maintenance Yard Nelson Bend**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River West Levee-Nelson Bend		0.50		Clay Thomas

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.00	0.50	Earthen Levee	Encroachments	CR	U En	FE : Fence Inspector Comments: A landowner has constructed a gate on the crown that prevents inspection of this unit. The unit was inaccessible for the fall 2012 season and was not inspected.	°	°	7
								DWR ID: DWR_ST0006_01_f_2012_7		
2	0.01	0.45	Earthen Levee	Vegetation	LS	M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.886937 ° -121.614752 °	38.880822 ° -121.614565 °	1 Y
								DWR ID: DWR_ST0006_01_s_2012_1		
3	0.01	0.45	Earthen Levee	Trim / Thin Trees	LS	M Ma	T2 : Thin trees to allow visibility of the ground and room to flood fight.	38.886933 ° -121.614753 °	38.880857 ° -121.614555 °	3
								DWR ID: DWR_ST0006_01_s_2012_3		
4	0.02	0.45	Earthen Levee	Vegetation	WS	A Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	°	38.880509 ° -121.641573 °	2 Y
								DWR ID: DWR_ST0006_01_s_2012_2		
5	0.05	0.05	Earthen Levee	Vegetation	WS	M Ma	V4 : Elderberries are blocking visibility and flood fight capability.	38.886408 ° -121.615092 °	38.886408 ° -121.615092 °	4
								DWR ID: DWR_ST0006_01_s_2012_4		
6	0.13	0.22	Earthen Levee	Vegetation	WS	M Ma	V4 : Elderberries are blocking visibility and flood fight capability.	38.885320 ° -121.615677 °	38.883970 ° -121.615830 °	5
								DWR ID: DWR_ST0006_01_s_2012_5		
7	0.30	0.30	Earthen Levee	Vegetation	WS	M Ma	V4 : Elderberries are blocking visibility and flood fight capability.	38.882870 ° -121.615477 °	38.882870 ° -121.615477 °	6
								DWR ID: DWR_ST0006_01_s_2012_6		
8	0.48	0.48	Earthen Levee	Encroachments	CR	U En	BU : Building	38.880488 ° -121.614230 °	38.880488 ° -121.614230 °	8
								DWR ID: DWR_ST0006_01_s_2012_8		

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

**Levee Inspection Report By Mile - Fall 2012**

**Sutter Maintenance Yard Nelson Bend**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River West Levee-Nelson Bend		0.50		Clay Thomas

Levee Mile Report Line	2
Start Levee Mile	0.01
End Levee Mile	0.45
Location	Land Side
Category	Earthen Levee
Item	Vegetation
<p>This photo was taken at levee mile 0.00 looking downstream at the landside vegetation.</p>	
<p>cathom_f_20120912_039.JPG</p>	



Levee Mile Report Line	4
Start Levee Mile	0.02
End Levee Mile	0.45
Location	Water Side
Category	Earthen Levee
Item	Vegetation
<p>This photo was taken at levee mile 0.00 looking downstream at the waterside vegetation.</p>	
<p>cathom_f_20120912_040.JPG</p>	



<p><b>* Location</b>                  LS : Land Side                  WS : Water Side                  CR : Crown</p>	<p><b>** Rating</b>                  A : Acceptable                  M : Minimally Acceptable                  U : Unacceptable                  N : Not Inspected/Rated                  C : Corrected                  A/W : Acceptable but Monitor &amp; Maintain</p>	<p><b>+ Issue Type</b>                  Ma : Maintenance Deficiency                  Ob : Design &amp; System Obsolescence                  En : Enforcement</p>
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