

**Flood Control Project Maintenance
Levee Inspections**

Fall 2012 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

RD2103	Overall LMA Rating	Total LMA Miles						
Reclamation District No. 2103 Wheatland Vicinity	A	9.77						
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>								
Flood Preparedness & Training	0.10		0.10	1.02%				
<i>LMA Totals:</i>	0.10	0.00	0.10	1.02%	0.00	0.00	0.00	0.00

Unit No. 02 Bear River RB	Overall Unit Rating	Total Unit Miles						
RD2103	A	5.00						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
No Items								
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%				

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

Reclamation District No. 2103 Wheatland Vicinity

	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

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles
Unit No. 01 South Dry Creek	Left	4.77

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	05/30/2012 - 05/30/2012		10/18/2012 - 10/18/2012	
DWR Inspector	Rick Burnett		Clay Thomas	
Accompanied By	Tom Engler		Tom Engler	

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

Reclamation District No. 2103 Wheatland Vicinity

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 South Dry Creek				Left	4.77	10/18/2012 10/18/2012	Clay Thomas	

LMIR No.	Levee Mile		Category	Item	Location *	Rating +	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1			Earthen Levee	Emergency Supplies & Equipment	WS	A Ma	Inspector Comments: RD 2103 & RD 817 have a combined cache of flood fight materials.	°	°	1
								DWR ID: DWR_RD2103_01_s_2012_1		
2			Earthen Levee	Flood Preparedness & Training	WS	M Ma		°	°	2
								DWR ID: DWR_RD2103_01_s_2012_2		
3			Earthen Levee	Operations & Maintenance Manuals	WS	A Ma		°	°	5
								DWR ID: DWR_RD2103_01_s_2012_5		
4	0.09	4.62	Earthen Levee	Vegetation	LS	A Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	39.005207 ° -121.443215 °	39.042088 ° -121.393696 °	4 Y
								DWR ID: DWR_RD2103_01_f_2012_4		
5	0.09	4.62	Earthen Levee	Vegetation	WS	A Ma	V2 : Remove the wild growth other than native grasses from the levee slopes.	39.005208 ° -121.443216 °	39.042089 ° -121.393696 °	6 Y
								DWR ID: DWR_RD2103_01_f_2012_6		

* 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
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.77	10/18/2012 10/18/2012	Clay Thomas

Levee Mile Report Line	4
Start Levee Mile	0.09
End Levee Mile	4.62
Location	Land Side
Category	Earthen Levee
Item	Vegetation

This photo shows the landside levee slope at levee mile 2.68.

cathom_f_20121106_228.JPG



Levee Mile Report Line	5
Start Levee Mile	0.09
End Levee Mile	4.62
Location	Water Side
Category	Earthen Levee
Item	Vegetation

This photo shows the waterside slope at levee mile 2.68.

cathom_f_20121106_229.JPG



* 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
Levee Inspections**

Unit Cover Sheet

Fall 2012 Levee Inspection Results

Reclamation District No. 2103 Wheatland Vicinity

Waterway		Bank	Unit Miles
Unit No. 02 Bear River		Right	5.00

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	05/30/2012 - 05/30/2012		10/18/2012 - 10/18/2012	
DWR Inspector	Rick Burnett		Clay Thomas	
Accompanied By				

Summer & Winter Inspections

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**Flood Control Project Maintenance
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Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 2103 Wheatland Vicinity

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River				Right	5.00	10/18/2012 10/18/2012	Clay Thomas

LMR No.	Levee Mile		Category	Item	* Location	+ Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.05	4.84	Earthen Levee	Vegetation	LS Ma	A	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.993672 ° -121.436455 °	39.030218 ° -121.368717 °	2 Y
DWR ID: DWR_RD2103_02_f_2012_2										
2	0.05	4.84	Earthen Levee	Vegetation	WS Ma	A	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.993672 ° -121.436455 °	39.030218 ° -121.368717 °	3 Y
DWR ID: DWR_RD2103_02_f_2012_3										
3	0.30	0.30	Earthen Levee	Riprap Revetments	WSA/W Ma		Inspector Comments: The District has a concern dead trees placed in the rip rap may not stay in place during a high water event.	38.994660 ° -121.432170 °	38.994660 ° -121.432170 °	4 Y
DWR ID: DWR_RD2103_02_s_2012_4										
4	0.33	0.50	Earthen Levee	Vegetation	WSA/W Ob		V8 : Environmental Requirements.	38.994787 ° -121.431728 °	38.995502 ° -121.428730 °	1 Y
DWR ID: DWR_RD2103_02_s_2012_1										

* 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
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	5.00	10/18/2012 10/18/2012	Clay Thomas

Levee Mile Report Line	1
Start Levee Mile	0.05
End Levee Mile	4.84
Location	Land Side
Category	Earthen Levee
Item	Vegetation

This photo shows the landside slope of the levee at levee mile 0.00.

cathom_f_20121106_226.JPG



Levee Mile Report Line	2
Start Levee Mile	0.05
End Levee Mile	4.84
Location	Water Side
Category	Earthen Levee
Item	Vegetation

This photo shows the waterside slope of the levee at levee mile 0.00.

cathom_f_20121106_227.JPG



Levee Mile Report Line	3
Start Levee Mile	0.30
End Levee Mile	0.30
Location	Water Side
Category	Earthen Levee
Item	Riprap Revetments

Trees at waters edge in the rip rap levee mile 0.30.

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Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	5.00	10/18/2012 10/18/2012	Clay Thomas

Levee Mile Report Line	4
Start Levee Mile	0.33
End Levee Mile	0.50
Location	Water Side
Category	Earthen Levee
Item	Vegetation

Levee mile 0.33, this photo is looking at the landscaping, vegetation on the waterside slope

cathom_f_20120912_201.jpg



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