

**Flood Control Project Maintenance
Levee Inspections**

Fall 2008 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including Boat Survey Erosion

San Joaquin River Basin

RD2094	Overall LMA Rating	Total LMA Miles				
Reclamation District No. 2094	A	3.30				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Animal Control	0.19		0.19	5.76%		
Erosion / Bank Caving	0.01		0.01	0.30%		
<i>LMA Totals:</i>	0.20	0.00	0.20	6.06%	0.00	0.00
Unit No. 01 San Joaquin River	Overall Unit Rating	Total Unit Miles				
	A	2.80				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Animal Control	0.19		0.19	6.79%		
Erosion / Bank Caving	0.01		0.01	0.36%		
<i>Unit Totals:</i>	0.20	0.00	0.20	7.14%	0.00	0.00
Unit No. 02 San Joaquin River	Overall Unit Rating	Total Unit Miles				
	A	0.50				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
No Items						
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections
LMA District Cover Sheet
Fall 2008 Levee Inspection Results**

Reclamation District No. 2094

	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 2008 Levee Inspection Results
Reclamation District No. 2094**

Waterway		Bank	Unit Miles
Unit No. 01 San Joaquin River		Right	2.80

	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection	5/6/2008		9/18/2008	
DWR Inspector	Bob Duffey		Hana Babbin	
Accompanied By				
Unit Maintenance Rating (Fall Only)			A	

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 2008

Reclamation District No. 2094

Waterway				Bank	Unit Miles	Inspection Date	Inspector
Unit No. 01 San Joaquin River				Right	2.80	09/18/2008	Hana Babbins

LMR Line	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	0.10	0.10	Earthen Levee	Vegetation	LS	A	Inspector Comments: This entire levee is free of vegetation. Very well maintained. Photos were taken at roughly LM 0.1 to show the good conditions on both LS and WS. Conditions are typical throughout levee.	37.771500 ° -121.300327 °	37.771501 ° -121.300327 °	Y	4
2	0.18	0.27	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	37.770437 ° -121.301015 °	37.769448 ° -121.300975 °	Y	2
3	0.40	0.45	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	37.768393 ° -121.299187 °	37.768500 ° -121.298360 °		5
4	0.40	0.45	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	37.768393 ° -121.299187 °	37.768467 ° -121.298355 °	Y	3
5	0.44	0.44	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site. Inspector Comments: no erosion is visible on levee. River bank has revetment in place. Erosion is occurring on river bank.	37.768365 ° -121.298565 °	37.768365 ° -121.298565 °		1

* 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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

Reclamation District No. 2094

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 01 San Joaquin River	Right	2.80	09/18/2008	Hana Babbins

Levee Mile Report Line	1
Start Levee Mile	0.10
End Levee Mile	0.10
Location	
Category	Earthen Levee
Item	Vegetation
Photo documents general condition of this levee is well maintained.	



Levee Mile Report Line	1
Start Levee Mile	0.10
End Levee Mile	0.10
Location	
Category	Earthen Levee
Item	Vegetation
Another view.	



Levee Mile Report Line	1
Start Levee Mile	0.10
End Levee Mile	0.10
Location	
Category	Earthen Levee
Item	Vegetation
Another typical view. This shot was taken a bit farther along so the levee mile is not exactly 0.1 any longer.	



<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>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

Reclamation District No. 2094

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 01 San Joaquin River	Right	2.80	09/18/2008	Hana Babbin

Levee Mile Report Line	2
Start Levee Mile	0.18
End Levee Mile	0.27
Location	
Category	Earthen Levee
Item	Animal Control
<p>Water side at approximate LM 0.24 unit 1 RD 2094. Inspector discovered evidence of many burrow holes in this area.</p>	



Levee Mile Report Line	4
Start Levee Mile	0.40
End Levee Mile	0.45
Location	
Category	Earthen Levee
Item	Animal Control
<p>Brown fluffy mounds were observed along the LS and WS at approximate LM vicinity 0.38. These mounds were unique to this area and may be caused by some type of burrowing animal.</p>	



Levee Mile Report Line	4
Start Levee Mile	0.40
End Levee Mile	0.45
Location	
Category	Earthen Levee
Item	Animal Control
<p>WS view</p>	



<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>
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**Flood Control Project Maintenance
Levee Inspections
Unit Cover Sheet
Fall 2008 Levee Inspection Results
Reclamation District No. 2094**

Waterway		Bank	Unit Miles
Unit No. 02 San Joaquin River			0.50

	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection	5/6/2008		9/18/2008	
DWR Inspector	Bob Duffey		Hana Babbin	
Accompanied By				
Unit Maintenance Rating (Fall Only)			A	

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

Reclamation District No. 2094

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 02 San Joaquin River		0.50	09/18/2008	Hana Babbitt

LMR Line	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	0.00	0.46	Earthen Levee	Vegetation	LS	A	Inspector Comments: Spur levee was inspected and no comments were made. Levee is well maintained, no signs of erosion, encroachments or burrowing.	37.759096 °	37.760511 °		1
								-121.299801 °	-121.307411 °		

<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>
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