

**Flood Control Project Maintenance  
Levee Inspections**

**Fall 2010 Levee Maintenance Deficiency Summary Report**

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

***San Joaquin River Basin***

<b>RD2094</b>	Overall LMA Rating	Total LMA Miles				
<b>Reclamation District No. 2094 Wathal</b>	<b>A</b>	<b>3.28</b>				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
No Items					PO Miles	CO Miles
<i>LMA Totals:</i>	0.00	0.00	0.00	0.00%	0.00	0.00
<b>Unit No. 01 San Joaquin River</b>	Overall Unit Rating	Total Unit Miles				
	<b>A</b>	<b>2.82</b>				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
No Items					PO Miles	CO Miles
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.00	0.00
<b>Unit No. 02 San Joaquin River</b>	Overall Unit Rating	Total Unit Miles				
	<b>A</b>	<b>0.46</b>				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
No Items					PO Miles	CO Miles
<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 2010 Levee Inspection Results**

**Reclamation District No. 2094 Wathal**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			<b>A</b>	

\*\* 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 2010 Levee Inspection Results**

**Reclamation District No. 2094 Wathal**

Waterway	Bank	Unit Miles
Unit No. 01 San Joaquin River	Right	2.82

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>A</b>	
Date of Inspection	3/30/2010		9/23/2010	
DWR Inspector	John Paasch		John Paasch	
Accompanied By	Brian Mizuno RD 2094		Brian Mizuno RD 2094	

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.

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(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, Suite 200  
Sacramento, CA 95821-9000


**X**

Signature of LMA Representative

Date

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2010**

**Reclamation District No. 2094 Wathal**

Waterway			Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River			Right	2.82	11/03/2010 11/03/2010	John Paasch

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.01	2.80	Earthen Levee	Vegetation	WS	A	Remove the wild growth other than native grasses from the levee slopes.	37.771753 ° -121.298559 °	37.749860 ° -121.289095 °	7 Y
2	0.49	0.49	Earthen Levee	Animal Control	WS	C	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows. Inspector Comments: Burrow holes on slope and toe. Seven holes in 5' radius.	37.768593 ° -121.297560 °	37.768593 ° -121.297560 °	5
3	0.66	0.66	Earthen Levee	Encroachments	WS	W	Pipe Inspector Comments: 14" steel irrigation intake with sluice gate.	37.767505 ° -121.294902 °	37.767505 ° -121.294902 °	1 Y
4	1.26	1.26	Earthen Levee	Encroachments	WS	W	Pipe Inspector Comments: 20" irrigation intake, sluice gate on water side hinge point.	37.760574 ° -121.297365 °	37.760574 ° -121.297365 °	2
5	2.14	2.14	Earthen Levee	Animal Control	WS	C	Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: Burrow holes on slope and toe. Five holes in 5' radius.	37.751599 ° -121.298903 °	37.751599 ° -121.298903 °	4
6	2.29	2.29	Earthen Levee	Encroachments	WS	W	Pipe Inspector Comments: 20" steel rrigation intake.	37.752225 ° -121.296431 °	37.752225 ° -121.296431 °	3

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated C : Corrected W : Watch/Monitor
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2010**

**Reclamation District No. 2094 Wathal**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	2.82	11/03/2010 11/03/2010	John Paasch

Levee Mile Report Line	1
Start Levee Mile	0.01
End Levee Mile	2.80
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Levee slopes free of obstructive vegetation. Photo near LM 2.42 looking downstream.	
jpaasch_f_20101115_546.jpg	



Levee Mile Report Line	1
Start Levee Mile	0.01
End Levee Mile	2.80
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Photo of anchor chain used to manage vegetation on levee slopes.	
jpaasch_f_20101115_547.jpg	



Levee Mile Report Line	3
Start Levee Mile	0.66
End Levee Mile	0.66
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Irrigation intake on San Joaquin River. Positive closure device (sliuce gate) on water side hinge points. Pipe is through freeboard portion of levee. Concrete stand pipe beyond landside toe.	
jpaasch_f_20100923_366.jpg	



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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2010 Levee Inspection Results**

**Reclamation District No. 2094 Wathal**

Waterway	Bank	Unit Miles
Unit No. 02 San Joaquin River		0.46

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>A</b>	
Date of Inspection	3/30/2010		9/23/2010	
DWR Inspector	John Paasch		John Paasch	
Accompanied By	Brian Mizuno RD 2094		Brian Mizuno RD 2094	

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Signature of LMA Representative

Date

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**Levee Inspection Report By Mile - Fall 2010**

**Reclamation District No. 2094 Wathal**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River		0.46	11/03/2010 11/03/2010	John Paasch

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.01	0.46	Earthen Levee	Vegetation	WS	A	Remove the wild growth other than native grasses from the levee slopes.	37.759309 °	37.760582 °	3
								-121.299755 °	-121.307288 °	Y

<p><b>* Location</b></p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p><b>** Rating</b></p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p> <p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated</p> <p>C : Corrected W : Watch/Monitor</p>
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**Levee Inspection Report By Mile - Fall 2010**

**Reclamation District No. 2094 Wathal**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River		0.46	11/03/2010 11/03/2010	John Paasch

Levee Mile Report Line	1
Start Levee Mile	0.01
End Levee Mile	0.46
Location	Water Side
Category	Earthen Levee
Item	Vegetation

Vegetation maintenance on Unit 2 is acceptable.

jpaasch\_f\_20101115\_001.jpg



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