

**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***

<b>RD2091</b>	Overall LMA Rating	Total LMA Miles				
<b>Reclamation District No. 2091</b>	<b>A</b>	<b>7.92</b>				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
Vegetation	0.62		0.62	7.83%	PO Miles	CO Miles
Trim / Thin Trees	0.16		0.16	2.02%		
<i>LMA Totals:</i>	0.78	0.00	0.78	9.85%	0.00	0.00

<b>Unit No. 01 San Joaquin River</b>	Overall Unit Rating	Total Unit Miles				
	<b>A</b>	<b>7.59</b>				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
Vegetation	0.62		0.62	8.17%	PO Miles	CO Miles
Trim / Thin Trees	0.01		0.01	0.13%		
<i>Unit Totals:</i>	0.63	0.00	0.63	8.30%	0.00	0.00

<b>Unit No. 02 San Joaquin River</b>	Overall Unit Rating	Total Unit Miles				
	<b>U</b>	<b>0.33</b>				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
Trim / Thin Trees	0.15		0.15	45.46%	PO Miles	CO Miles
<i>Unit Totals:</i>	0.15	0.00	0.15	45.46%	0.00	0.00

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

**Reclamation District No. 2091**

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	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. 2091**

Waterway			Bank	Unit Miles
Unit No. 01 San Joaquin River			Right	7.59
	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection	3/25/2008		9/15/2008	
DWR Inspector	Richard Willoughby		Richard Willoughby	
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. 2091**

Waterway						Bank	Unit Miles	Inspection Date		Inspector	
Unit No. 01 San Joaquin River						Right	7.59	09/15/2008		Richard Willoughby	
LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	0.09	0.09	Interior Drainage & Piping Systems	Manual Operations	WS	A		37.542055 ° -121.094287 °	37.542055 ° -121.094287 °		9
2	2.41	2.41	Interior Drainage & Piping Systems	Electric Gate Operators	WS	A	Inspector Comments: No flap gates	37.522153 ° -121.095615 °	37.522153 ° -121.095615 °		14
3	7.17	7.17	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.482488 ° -121.048173 °	37.482488 ° -121.048173 °		8
4	7.26	7.57	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	37.482802 ° -121.046567 °	37.479087 ° -121.044637 °		16
5	7.26	7.57	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	37.482802 ° -121.046567 °	37.479072 ° -121.044685 °		15

**\* 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

**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2008 Levee Inspection Results**

**Reclamation District No. 2091**

Waterway			Bank	Unit Miles
Unit No. 02 San Joaquin River				0.33
	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection	3/25/2008		9/15/2008	
DWR Inspector	Richard Willoughby		Richard Willoughby	
Accompanied By				
Unit Maintenance Rating (Fall Only)			U	

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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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. 2091**

Waterway							Bank	Unit Miles	Inspection Date	Inspector	
Unit No. 02 San Joaquin River								0.33	09/15/2008	Richard Willoughby	
LMR Line	Levee Mile		Category	Item	* Location	* Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	0.03	0.10	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	37.482608 ° -121.051125 °	37.483345 ° -121.050292 °		4
2	0.15	0.22	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	37.484363 ° -121.049895 °	37.484842 ° -121.050200 °		2
3	0.30	0.30	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.485495 ° -121.049648 °	37.485495 ° -121.049648 °		3

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