

**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

RD2096	Overall LMA Rating	Total LMA Miles				
Reclamation District No. 2096	M	0.17				
Wetherbee Lake						
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
<i>Earthen Levee</i>						
Vegetation	0.01		0.01	5.88%		
Encroachments					0.13	
Animal Control	0.01		0.01	5.88%		
<i>LMA Totals:</i>	0.02	0.00	0.02	11.77%	0.13	0.00

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2010 Levee Inspection Results

Reclamation District No. 2096 Wetherbee Lake

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

** 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. 2096 Wetherbee Lake

Waterway		Bank	Unit Miles
Unit No. 01 San Joaquin River		Right	0.17

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			M	
Date of Inspection	3/23/2010		9/23/2010	
DWR Inspector	John Paasch		John Paasch	
Accompanied By	Chuck McCabe RD 2096		Chuck McCabe RD 2096	
	Dale			

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, 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. 2096 Wetherbee Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	0.17	10/01/2010 10/01/2010	John Paasch

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.00	0.17	Earthen Levee	Crown Surface / Depressions / Rutting	CR	A	Add appropriate gravel or road base. Grade and compact. Inspector Comments: Crown roadway has been improved with addition of gravel.	37.774177 ° -121.298339 °	37.771805 ° -121.298392 °	2 Y
2	0.03	0.03	Earthen Levee	Animal Control	WS	C	Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: Levee slope has been recompacted using an excavator and roller.	37.773733 ° -121.298472 °	37.773733 ° -121.298472 °	4
3	0.04	0.04	Earthen Levee	Encroachments	LS	C	Prunings	37.773632 ° -121.298482 °	37.773632 ° -121.298482 °	9
4	0.04	0.17	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Fence at toe of levee obstructs access.	37.773495 ° -121.298411 °	37.772722 ° -121.298436 °	3
5	0.05	0.06	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: No change to vegetation since spring.	37.773373 ° -121.298462 °	37.773262 ° -121.298395 °	1 Y
6	0.07	0.08	Earthen Levee	Animal Control	WS	C	Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: Small mounds throughout slope, levee berm on waterside over 50' wide.	37.773206 ° -121.298473 °	37.773084 ° -121.298458 °	6
7	0.07	0.08	Earthen Levee	Animal Control	LS	C	Exterminate rodents and backfill and compact or grout burrows.	37.773187 ° -121.298468 °	37.773093 ° -121.298452 °	7
8	0.10	0.10	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: The levee is over 40' wide in this location. Damaged slope has been recompacted but rodents have persisted.	37.772920 ° -121.298461 °	37.772920 ° -121.298461 °	8 Y

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

Reclamation District No. 2096 Wetherbee Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	0.17	10/01/2010 10/01/2010	John Paasch

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.17
Location	Crown
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting
Gravel added to crown roadway.	
jpaasch_f_20101004_476.jpg	



Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.17
Location	Crown
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting
Levee crown roadway looking upstream.	
jpaasch_f_20101004_477.jpg	



Levee Mile Report Line	5
Start Levee Mile	0.05
End Levee Mile	0.06
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Vegetation on landside slope and toe (left) needst o be trimmed up 5' for access and visibility.	
jpaasch_f_20101004_472.jpg	



* 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/Rated	C : Corrected W : Watch/Monitor
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Levee Inspection Report By Mile - Fall 2010

Reclamation District No. 2096 Wetherbee Lake

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	0.17	10/01/2010 10/01/2010	John Paasch

Levee Mile Report Line	8
Start Levee Mile	0.10
End Levee Mile	0.10
Location	Land Side
Category	Earthen Levee
Item	Animal Control

Levee slope was recompacted and rodents have reestablished their den at this location.

jpaasch_f_20101004_475.jpg



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