

**Flood Control Project Maintenance
Levee Inspections**

Fall 2011 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

RD0341 Reclamation District No. 0341 Sherman Island	Overall LMA Rating	Total LMA Miles	* Overall LMA Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall LMA Rating is M instead of A.			
	M *	9.62				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments PO Miles CO Miles	
<i>Earthen Levee</i>						
Trim / Thin Trees	0.03		0.03	0.31%		
Encroachments					0.68	
<i>Supplemental</i>						
USACE Erosion Survey	0.28	0.05	0.48	4.99%		
<i>LMA Totals:</i>	0.31	0.05	0.51	5.30% *	0.68	0.00

RD0341 Unit No. 01 Threemile Slough RB	Overall Unit Rating	Total Unit Miles				
	A	3.34				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments PO Miles CO Miles	
<i>Earthen Levee</i>						
Encroachments					0.50	
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.50	0.00

RD0341 Unit No. 02 Sacramento River LB	Overall Unit Rating	Total Unit Miles	* Overall Unit Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall Unit Rating is M instead of A.			
	M *	6.28				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments PO Miles CO Miles	
<i>Earthen Levee</i>						
Trim / Thin Trees	0.03		0.03	0.48%		
Encroachments					0.18	
<i>Supplemental</i>						
USACE Erosion Survey	0.28	0.05	0.48	7.64%		
<i>Unit Totals:</i>	0.31	0.05	0.51	8.12% *	0.18	0.00

**Flood Control Project Maintenance
Levee Inspections
LMA District Cover Sheet
Fall 2011 Levee Inspection Results**

Reclamation District No. 0341 Sherman Island

	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 2011 Levee Inspection Results

Reclamation District No. 0341 Sherman Island

Waterway		Bank	Unit Miles
Unit No. 01 Threemile Slough		Right	3.34

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	3/17/2011 - 3/17/2011		10/4/2011 - 10/4/2011	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By	Gene Peck RD 341		Gene Peck RD 341	
	Joel McElroy RD 341		Joel McElroy RD 341	

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 2011

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.34	10/04/2011 10/04/2011	Herman Phillips

LMIR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.00	0.00	Earthen Levee	Vegetation	LS	A	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: The District does a great job on maintenance.	38.085580 ° -121.686494 °	38.085580 ° -121.686494 °	9 Y
2	1.25	1.75	Earthen Levee	Encroachments	LS	PO	Fences	38.099663 ° -121.706390 °	38.098232 ° -121.706273 °	4

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

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.34	10/04/2011 10/04/2011	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Earthen Levee
Item	Vegetation
Unit 1 RD 341 Looking downstream from L/M 0.00 Photo taken 10-04,-2011	
phillips_f_20111004_223.jpg	



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

Unit Cover Sheet

Fall 2011 Levee Inspection Results

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles
Unit No. 02 Sacramento River	Left	6.28

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			M	
Date of Inspection	3/17/2011 - 3/17/2011		10/3/2011 - 10/3/2011	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By	Joel McElroy RD 341		Joel McElroy RD 341	

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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

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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 2011

Reclamation District No. 0341 Sherman Island

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River				Left	6.28	10/03/2011 10/03/2011	Herman Phillips

LMIR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.00	0.00	Earthen Levee	Vegetation	WS	A	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: This District has done a great job on keeping the levees mowed and maintained.	38.105230 ° -121.702571 °	38.105230 ° -121.702571 °	10 Y
2	1.25	1.25	Earthen Levee	Trim / Thin Trees	LS	N	Tree stumps.	38.104642 ° -121.704082 °	38.104642 ° -121.704082 °	4 Y
3	4.14	4.17	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2011: Large new erosion pocket probably hidden by vegetation in the past. [2011 Site ID: SAC_8-2_L]	38.095148 ° -121.706367 °	38.094590 ° -121.706393 °	5 Y
4	4.32	4.50	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 1999 - New small slump in eroded bank. 2005 - Reach extended because of vertical bank along the roadway upstream. 2011: More slumping since last year. [2011 Site ID: SAC_8-0_L]	38.090620 ° -121.706684 °	38.088572 ° -121.707127 °	7 Y
5	4.58	4.65	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2011: Large slump section [2011 Site ID: SAC_7-9_L]	38.086603 ° -121.707786 °	38.086110 ° -121.708114 °	8 Y
6	5.98	6.03	Supplemental	USACE Erosion Survey	WS	U	Inspector Comments: 2011: Large slump at downstream end. Gully formed from surface runoff from the road. Shallow slumping throughout site. [2011 Site ID: SAC_7-3_L]	38.080526 ° -121.730483 °	38.080370 ° -121.728341 °	9 Y
7	6.32	6.35	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	° °	° °	2
8	7.92	8.10	Earthen Levee	Encroachments	LS	PO	Fences	38.073268 ° -121.759500 °	38.072275 ° -121.762510 °	6

<p>* Location LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing W : Watch/Monitor</p>	<p>N : Not Inspected, see Inspector Comment C : Corrected</p>
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Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/03/2011 10/03/2011	Herman Phillips

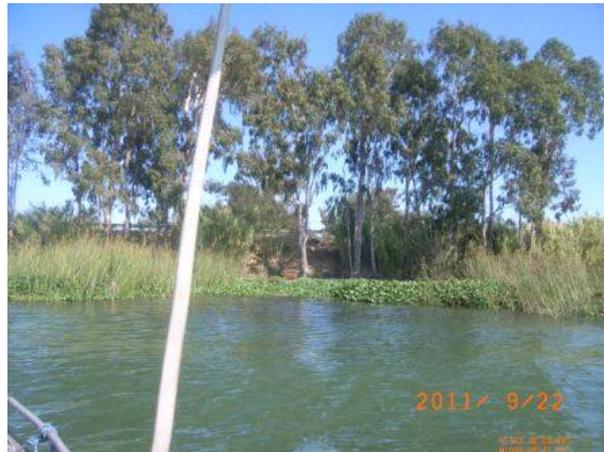
Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Unit 2 RD 341 Looking downstream. Photo taken 10-04-2011.	
phillips_f_20111010_008.jpg	



Levee Mile Report Line	2
Start Levee Mile	1.25
End Levee Mile	1.25
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
Stump off toe of levee L/M 1.25 landward .	
phillips_f_20110929_082.jpg	



Levee Mile Report Line	3
Start Levee Mile	4.14
End Levee Mile	4.17
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #1	
USACE2011_SAC_8-2_L_1.jpg	



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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/03/2011 10/03/2011	Herman Phillips

Levee Mile Report Line	3
Start Levee Mile	4.14
End Levee Mile	4.17
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #2	
USACE2011_SAC_8-2_L_2.jpg	



Levee Mile Report Line	4
Start Levee Mile	4.32
End Levee Mile	4.50
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #1	
USACE2011_SAC_8-0_L_1.jpg	



Levee Mile Report Line	4
Start Levee Mile	4.32
End Levee Mile	4.50
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #2	
USACE2011_SAC_8-0_L_2.jpg	



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing W : Watch/Monitor	N : Not Inspected, see Inspector Comment C : Corrected
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/03/2011 10/03/2011	Herman Phillips

Levee Mile Report Line	4
Start Levee Mile	4.32
End Levee Mile	4.50
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #3	
USACE2011_SAC_8-0_L_3.jpg	



Levee Mile Report Line	5
Start Levee Mile	4.58
End Levee Mile	4.65
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #1	
USACE2011_SAC_7-9_L_1.jpg	



Levee Mile Report Line	5
Start Levee Mile	4.58
End Levee Mile	4.65
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #2	
USACE2011_SAC_7-9_L_2.jpg	



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing W : Watch/Monitor	N : Not Inspected, see Inspector Comment C : Corrected
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Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	10/03/2011 10/03/2011	Herman Phillips

Levee Mile Report Line	6
Start Levee Mile	5.98
End Levee Mile	6.03
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #1	
USACE2011_SAC_7-3_L_1.jpg	



Levee Mile Report Line	6
Start Levee Mile	5.98
End Levee Mile	6.03
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #2	
USACE2011_SAC_7-3_L_2.jpg	



Levee Mile Report Line	6
Start Levee Mile	5.98
End Levee Mile	6.03
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #3	
USACE2011_SAC_7-3_L_3.jpg	



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