

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

**Reclamation District No. 0537 Lovdal**

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

\*\* 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**

**Spring 2011 Levee Inspection Results**

**Reclamation District No. 0537 Lovdal**

<b>Waterway</b>		<b>Bank</b>	<b>Unit Miles</b>
Unit No. 01 Sacramento River		Right	4.76

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/9/2011 - 3/9/2011			
DWR Inspector	John Williamson			
Accompanied By	Kyle Lang RD 537			

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 - Spring 2011**

**Reclamation District No. 0537 Lovdal**

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River		Right	4.76	03/09/2011 03/09/2011	John Williamson

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.01	0.21	Earthen Levee	Trim / Thin Trees	WS	N	Tree stumps. Inspector Comments: Trees stumps are visible on levee.	38.643080 ° -121.584260 °	38.644849 ° -121.581221 °	963
2	0.48	0.48	Earthen Levee	Encroachments	LS	M	Prunings	38.647253 ° -121.577219 °	38.647253 ° -121.577219 °	20 Y
3	0.72	0.72	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	38.647903 ° -121.573190 °	38.647903 ° -121.573190 °	954 Y
4	0.77	0.77	Earthen Levee	Encroachments	LS	C	Prunings	38.647574 ° -121.572431 °	38.647574 ° -121.572431 °	2
5	1.06	1.06	Earthen Levee	Trim / Thin Trees	LS	C	Thin trees to allow visibility of the ground and room to flood fight.	38.644884 ° -121.568090 °	38.644884 ° -121.568090 °	4
6	1.28	1.28	Earthen Levee	Trim / Thin Trees	LS	C	Trim and thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: A split Oak tree has fallen on levee slope.	38.642199 ° -121.566324 °	38.642199 ° -121.566324 °	15
7	1.93	1.93	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	38.633141 ° -121.564497 °	38.633141 ° -121.564497 °	5
8	2.58	2.64	Earthen Levee	Encroachments	LS	PO	Landscaping	38.623988 ° -121.563663 °	38.623067 ° -121.563580 °	1 Y
9	2.94	2.96	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Arundo starting to creep up levee slope	38.618885 ° -121.563377 °	38.618490 ° -121.563382 °	3 Y
10	3.46	3.46	Earthen Levee	Vegetation	WS	A	Control annual grass and weeds on the levee slopes and easements.	38.611417 ° -121.562007 °	38.611417 ° -121.562007 °	21 Y
11	3.46	3.46	Earthen Levee	Vegetation	LS	A	Control annual grass and weeds on the levee slopes and easements.	38.611417 ° -121.562007 °	38.611417 ° -121.562007 °	23 Y
12	3.58	3.67	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	38.609995 ° -121.561103 °	38.608902 ° -121.560347 °	9
13	3.67	3.67	Earthen Levee	Encroachments	WS	C	Prunings	38.608851 ° -121.560273 °	38.608851 ° -121.560273 °	14
14	4.18	4.37	Earthen Levee	Encroachments	WS	CO	Buildings	38.602763 ° -121.555458 °	38.600690 ° -121.553187 °	8 Y
15	4.28	4.31	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2009: 15 ft berm, 1.5:1 slope, tree hazards and slumping, clays and silts, 2.87 ft/s [2009 SiteID:SAC_63-0_R]	38.602142 ° -121.553839 °	38.601747 ° -121.553531 °	18 Y
16	4.34	4.38	Supplemental	USACE Erosion Survey	WS	U	Inspector Comments: 2009: 10 ft berm, 1:1 slope, tree hazards and slumping, clays and silts, 3.08 ft/s [2009 SiteID:SAC_62-9_R]	38.601389 ° -121.553250 °	38.600908 ° -121.552814 °	19 Y

<b>* Location</b> LS : Landside WS : Waterside 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 - Spring 2011**

**Reclamation District No. 0537 Lovdal**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	4.76	03/09/2011 03/09/2011	John Williamson

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
17	4.38	4.53	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	38.600657 ° -121.553082 °	38.598918 ° -121.551242 °	7
18	4.41	4.41	Earthen Levee	Encroachments	WS	C	Prunings	38.600233 ° -121.552578 °	38.600233 ° -121.552578 °	13
19	4.43	4.43	Earthen Levee	Encroachments	LS	C	Debris	38.599926 ° -121.552352 °	38.599926 ° -121.552352 °	6
20	4.51	4.51	Earthen Levee	Encroachments	WS	C	Prunings	38.599115 ° -121.551412 °	38.599115 ° -121.551412 °	12
21	4.56	4.56	Earthen Levee	Encroachments	WS	C	Prunings	38.598622 ° -121.550905 °	38.598622 ° -121.550905 °	11
22	4.74	4.74	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	38.596958 ° -121.548052 °	38.596958 ° -121.548052 °	10

**\* Location**

LS : Landside  
WS : Waterside  
CR : Crown

**\*\* Rating**

A : Acceptable  
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 0537 Lovdal**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	4.76	03/09/2011 03/09/2011	John Williamson

Levee Mile Report Line	2
Start Levee Mile	0.48
End Levee Mile	0.48
Location	Land Side
Category	Earthen Levee
Item	Encroachments
<p>The photo is of prunings along the roadside and need to be removed.</p>	
<p>johngw_s_20110310_363.jpg</p>	



Levee Mile Report Line	3
Start Levee Mile	0.72
End Levee Mile	0.72
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
<p>This is a photo of the eroison and the bank.</p>	
<p>johngw_s_20110228_196.jpg</p>	



Levee Mile Report Line	8
Start Levee Mile	2.58
End Levee Mile	2.64
Location	Land Side
Category	Earthen Levee
Item	Encroachments
<p>Landscape shrubs at the toe of the levee.</p>	
<p>johngw_s_20110228_178.jpg</p>	



<p><b>* Location</b></p> <p>LS : Landside WS : Waterside 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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Unit No. 01 Sacramento River	Right	4.76	03/09/2011 03/09/2011	John Williamson

Levee Mile Report Line	9
Start Levee Mile	2.94
End Levee Mile	2.96
Location	Land Side
Category	Earthen Levee
Item	Encroachments
There is groundcover and landscape shrubs at the toe.	
johngw_s_20110228_180.jpg	



Levee Mile Report Line	9
Start Levee Mile	2.94
End Levee Mile	2.96
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Arundo and vegetation with the landscape.	
johngw_s_20110228_181.jpg	



Levee Mile Report Line	10
Start Levee Mile	3.46
End Levee Mile	3.46
Location	Water Side
Category	Earthen Levee
Item	Vegetation
A view of the landside slope. The landside slope is difficult to mow and easier to spray.	
johngw_s_20110310_365.jpg	



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Unit No. 01 Sacramento River	Right	4.76	03/09/2011 03/09/2011	John Williamson

Levee Mile Report Line	11
Start Levee Mile	3.46
End Levee Mile	3.46
Location	Land Side
Category	Earthen Levee
Item	Vegetation
<p>Aviiew of the grasses on the waterside they do not exceed 12".</p>	
<p>johngw_s_20110310_364.jpg</p>	



Levee Mile Report Line	14
Start Levee Mile	4.18
End Levee Mile	4.37
Location	Water Side
Category	Earthen Levee
Item	Encroachments
<p>Old Sacramento Weir Yard building and fence compound on levee crown.</p>	
<p>johngw_s_20110228_185.jpg</p>	



Levee Mile Report Line	15
Start Levee Mile	4.28
End Levee Mile	4.31
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
<p>2009: 15 ft berm, 1.5:1 slope, tree hazards and slumping, clays and silts, 2.87 ft/s [2009 SiteID:SAC_63-0_R]</p>	
<p>johngw_s_20110228_194.JPG</p>	



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Unit No. 01 Sacramento River	Right	4.76	03/09/2011 03/09/2011	John Williamson

Levee Mile Report Line	16
Start Levee Mile	4.34
End Levee Mile	4.38
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2011 Levee Inspection Results**

**Reclamation District No. 0537 Lovdal**

<b>Waterway</b>		<b>Bank</b>	<b>Unit Miles</b>
Unit No. 02 Yolo Bypass		Left	1.19

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/9/2011 - 3/9/2011			
DWR Inspector	John Williamson			
Accompanied By	Kyle Lang RD 537			

Check one:

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Signature of LMA Representative

Date

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 0537 Lovdal**

Waterway			Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass			Left	1.19	03/09/2011 03/09/2011	John Williamson

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.05	0.05	Earthen Levee	Vegetation	WS	A	Control annual grass and weeds on the levee slopes and easements.	38.596548 ° -121.576929 °	38.596548 ° -121.576929 °	5 Y
2	0.05	0.05	Earthen Levee	Vegetation	LS	A	Control annual grass and weeds on the levee slopes and easements.	38.596548 ° 121.576929 °	38.596548 ° 121.576929 °	6 Y
3	0.05	1.19	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	38.596658 ° -121.576983 °	38.582086 ° -121.567860 °	4
4	0.19	0.19	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: spray and remove berries	38.594757 ° -121.575737 °	38.594757 ° -121.575737 °	3
5	0.37	0.37	Earthen Levee	Trim / Thin Trees	WS	C	Trim and thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: spray and cut out willows; continue controlling willows throughout the rock area	38.592276 ° -121.574652 °	38.592276 ° -121.574652 °	2
6	1.00	1.00	Earthen Levee	Trim / Thin Trees	WS	C	Trim and thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: cut and spray willows in rock area	38.584025 ° -121.569861 °	38.584025 ° -121.569861 °	1

<b>* Location</b> LS : Landside WS : Waterside 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 - Spring 2011**

**Reclamation District No. 0537 Lovdal**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	1.19	03/09/2011 03/09/2011	John Williamson

Levee Mile Report Line	1
Start Levee Mile	0.05
End Levee Mile	0.05
Location	Water Side
Category	Earthen Levee
Item	Vegetation
The view is looking into the sacramento Bypass and the waterside slope.	
johngw_s_20110310_366.jpg	



Levee Mile Report Line	2
Start Levee Mile	0.05
End Levee Mile	0.05
Location	Land Side
Category	Earthen Levee
Item	Vegetation
The view of the landside grasses that do not exceed 12".	
johngw_s_20110310_367.jpg	



<p><b>* Location</b></p> <p>LS : Landside WS : Waterside 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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