

**Flood Control Project Maintenance  
Levee Inspections**

**Fall 2007 Levee Maintenance Deficiency Summary Report**

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

**Sacramento River Basin**

<b>RD1600</b>	Overall LMA Rating	Total LMA Miles				
<b>Reclamation District No. 1600</b>	<b>U</b>	<b>14.70</b>				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments PO Miles CO Miles	
Vegetation	3.62		3.62	24.63%		
Trim / Thin Trees	2.88		2.88	19.59%		
Encroachments	0.11		0.11	0.75%	0.01	
Animal Control	3.77		3.77	25.65%		
Erosion / Bank Caving	0.03		0.03	0.20%		
Crown Surface / Depressions / Rutting	0.12		0.12	0.82%		
Metal Pipes	0.01		0.01	0.07%		
<i>LMA Totals:</i>	10.54	0.00	10.54	71.70%	0.01	0.00

<b>Unit No. 01 Sacramento River</b>	Overall Unit Rating	Total Unit Miles				
	<b>U</b>	<b>10.50</b>				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments PO Miles CO Miles	
Vegetation	1.62		1.62	15.43%		
Trim / Thin Trees	2.88		2.88	27.43%		
Encroachments	0.05		0.05	0.48%	0.01	
Erosion / Bank Caving	0.03		0.03	0.29%		
Crown Surface / Depressions / Rutting	0.12		0.12	1.14%		
Metal Pipes	0.01		0.01	0.10%		
<i>Unit Totals:</i>	4.71	0.00	4.71	44.86%	0.01	0.00

<b>Unit No. 02 Yolo Bypass</b>	Overall Unit Rating	Total Unit Miles				
	<b>U</b>	<b>4.20</b>				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments PO Miles CO Miles	
Vegetation	2.00		2.00	47.62%		
Encroachments	0.06		0.06	1.43%		
Animal Control	3.77		3.77	89.76%		
<i>Unit Totals:</i>	5.83	0.00	5.83	138.81%	0.00	0.00

**Flood Control Project Maintenance  
Levee Inspections  
LMA District Cover Sheet  
Fall 2007 Levee Inspection Results**

**Reclamation District No. 1600**

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

\*\* 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 2007 Levee Inspection Results  
Reclamation District No. 1600**

Waterway		Bank	Unit Miles
Unit No. 01 Sacramento River		Right	10.50

	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection				
DWR Inspector			Not Assigned	
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.

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 2007**

**Reclamation District No. 1600**

Waterway				Bank	Unit Miles	Inspection Date	Inspector
Unit No. 01 Sacramento River				Right	10.50		Not Assigned

LMR Line	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	0.00	10.51	Earthen Levee	Animal Control	LS	A	Exterminate rodents and backfill and compact or grout burrows.	°	°		2
2	0.00	10.51	Earthen Levee	Animal Control	WS	A	Exterminate rodents and backfill and compact or grout burrows.	°	°		1
3	0.05	0.05	Earthen Levee	Encroachments	WS	PO	Buildings	°	°		3
4	0.35	0.35	Earthen Levee	Encroachments	WS	M	Material	°	°		4
5	0.54	0.54	Earthen Levee	Erosion / Bank Caving	LS	M	Note and monitor erosion site.	°	°		5
6	0.60	0.60	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	°	°		6
7	0.76	1.69	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	°	°		7
8	1.39	1.39	Earthen Levee	Encroachments	WS	A	Tank	°	°		8
9	1.53	1.57	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	°	°		9
10	1.95	2.97	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees over roadway to at least 12 feet above ground level.	°	°		10
11	2.22	2.31	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Add appropriate gravel or road base. Grade and compact.	°	°		12
12	2.55	2.55	Earthen Levee	Encroachments	WS	M	Debris	°	°		13
13	2.64	2.64	Interior Drainage & Piping Systems	Metal Pipes	WS	M		°	°		14
14	2.85	2.87	Earthen Levee	Encroachments	WS	M	Prunings	°	°		15
15	3.68	3.70	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Add appropriate gravel or road base. Grade and compact.	°	°		16
16	4.57	4.58	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Keep the crown roadway free of vegetation.	°	°		17
17	4.71	4.93	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	°	°		18
18	4.90	4.94	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	°	°		19

<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
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2007**

**Reclamation District No. 1600**

Waterway				Bank	Unit Miles	Inspection Date	Inspector				
Unit No. 01 Sacramento River				Right	10.50		Not Assigned				
LMR Line	Levee Mile		Category	Item	Location*	Rating**	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
19	5.43	5.55	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	°	°		20
20	5.62	5.63	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	°	°		21
21	6.02	6.95	Earthen Levee	Trim / Thin Trees	WS	M	Trim and thin trees to allow visibility of the ground and room to flood fight.	°	°		23
22	6.02	6.95	Earthen Levee	Trim / Thin Trees	LS	M	Trim and thin trees to allow visibility of the ground and room to flood fight.	°	°		22
23	6.53	6.63	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	°	°		24
24	6.92	6.92	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	°	°		25
25	7.42	7.47	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	°	°		26
26	9.88	9.90	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	°	°		27
27	9.88	9.97	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	°	°		28
28	10.50	10.50	Earthen Levee	Encroachments	WS	M	Material	°	°		11

<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</p>
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**Flood Control Project Maintenance  
Levee Inspections  
Unit Cover Sheet  
Fall 2007 Levee Inspection Results  
Reclamation District No. 1600**

Waterway		Bank	Unit Miles
Unit No. 02 Yolo Bypass		Left	4.20

	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection				
DWR Inspector			Not Assigned	
Accompanied By				
Unit Maintenance Rating (Fall Only)			U	

Check one:

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 DWR Summer/Winter Inspection Reports  
 3310 El Camino Avenue, Room LL-30  
 Sacramento, CA 95821-9000.


**X** \_\_\_\_\_  
 Signature of LMA Representative Date

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**Levee Inspection Report By Mile - Fall 2007**

**Reclamation District No. 1600**

Waterway		Bank	Unit Miles	Inspection Date	Inspector
Unit No. 02 Yolo Bypass		Left	4.20		Not Assigned

LMR Line	Levee Mile		Category	Item	Location*	Rating**	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	0.00	4.16	Earthen Levee	Animal Control	WS	A	Exterminate rodents and backfill and compact or grout burrows.	°	°		1
2	0.07	0.76	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	°	°		2
3	0.10	3.87	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	°	°		3
4	2.26	2.36	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	°	°		4
5	2.47	2.47	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	°	°		5
6	2.62	2.62	Earthen Levee	Encroachments	LS	M	Prunings	°	°		6
7	2.66	2.75	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	°	°		7
8	2.71	2.71	Earthen Levee	Encroachments	LS	M	Prunings	°	°		8
9	2.79	2.80	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	°	°		9
10	2.80	3.10	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	°	°		10
11	2.87	2.87	Earthen Levee	Encroachments	LS	M	Prunings	°	°		11
12	2.94	3.02	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	°	°		12
13	2.98	2.98	Earthen Levee	Encroachments	LS	M	Prunings	°	°		13
14	3.02	3.02	Earthen Levee	Encroachments	LS	M	Prunings	°	°		14
15	3.05	3.05	Earthen Levee	Encroachments	LS	M	Prunings	°	°		15
16	3.12	3.74	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	°	°		16
17	3.13	3.15	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	°	°		17
18	3.35	3.37	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	°	°		18
19	3.47	3.53	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	°	°		19

<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
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