

**Flood Control Project Maintenance
Levee Inspections**

Fall 2010 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

LD0001G Levee District No. 0001 (Glenn County)	Overall LMA Rating	Total LMA Miles				
	U	12.45				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Vegetation	2.80		2.80	22.49%		
Trim / Thin Trees	0.11		0.11	0.88%		
Encroachments	0.33		0.33	2.65%	0.07	
Animal Control	0.86		0.86	6.91%		
Slope Stability	0.01		0.01	0.08%		
<i>LMA Totals:</i>	4.11	0.00	4.11	33.01%	0.07	0.00

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

Levee District No. 0001 (Glenn County)

	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 2010 Levee Inspection Results

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles
Unit No. 01 Sacramento River	Right	12.45

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	3/22/2010		9/21/2010	
DWR Inspector	Bob Duffey		Bob Duffey	
Accompanied By	Bill Carriere		Bill Carriere	

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 2010

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.45	10/13/2010 10/13/2010	Bob Duffey

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.69	0.72	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	39.486484 ° -122.018770 °	39.486949 ° -122.018933 °	27
2	0.80	0.80	Earthen Levee	Encroachments	LS	C	Prunings	39.487854 ° -122.019491 °	39.487854 ° -122.019491 °	1
3	0.82	0.82	Earthen Levee	Animal Control	WS	C	Exterminate rodents and backfill and compact or grout burrows.	39.488213 ° -122.019687 °	39.488213 ° -122.019687 °	45
4	1.10	1.33	Earthen Levee	Encroachments	LS	M	Equipment	39.491887 ° -122.020238 °	39.494572 ° -122.017840 °	4
5	1.11	1.33	Earthen Levee	Animal Control	LS	C	Exterminate rodents and backfill and compact or grout burrows.	39.491938 ° -122.020200 °	39.494572 ° -122.017843 °	5
6	1.35	1.39	Earthen Levee	Encroachments	LS	PO	Landscaping	39.494828 ° -122.017632 °	39.495330 ° -122.017163 °	6 Y
7	2.04	2.05	Earthen Levee	Animal Control	LS	C	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	39.500123 ° -122.009700 °	39.500271 ° -122.009483 °	3
8	2.08	2.08	Earthen Levee	Slope Stability	LS	M	Repair the levee slope damaged by vehicle traffic and prevent access where possible.	39.500499 ° -122.009118 °	39.500499 ° -122.009118 °	2
9	2.88	2.88	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	39.509772 ° -122.008945 °	39.509772 ° -122.008945 °	10
10	2.92	2.92	Earthen Levee	Encroachments	WS	C	Prunings	39.510443 ° -122.009031 °	39.510443 ° -122.009031 °	7
11	2.95	2.95	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	39.510894 ° -122.009032 °	39.510894 ° -122.009032 °	8
12	3.10	3.10	Earthen Levee	Encroachments	LS	M	Prunings	39.512990 ° -122.009085 °	39.512990 ° -122.009085 °	9
13	3.22	3.22	Earthen Levee	Encroachments	LS	M	Prunings	39.514378 ° -122.010306 °	39.514378 ° -122.010306 °	16
14	3.25	3.25	Earthen Levee	Encroachments	LS	M	Prunings	39.514686 ° -122.010507 °	39.514686 ° -122.010507 °	18
15	3.25	3.25	Earthen Levee	Animal Control	LS	C	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	39.514770 ° -122.010581 °	39.514770 ° -122.010581 °	19
16	3.31	3.31	Earthen Levee	Encroachments	WS	M	Prunings	39.515508 ° -122.011043 °	39.515508 ° -122.011043 °	36
17	3.93	3.93	Earthen Levee	Encroachments	LS	M	Equipment	39.523660 ° -122.010863 °	39.523660 ° -122.010863 °	23
18	4.62	4.62	Earthen Levee	Encroachments	LS	M	Prunings	39.528868 ° -122.000263 °	39.528868 ° -122.000263 °	38
19	5.58	5.58	Earthen Levee	Encroachments	LS	C	Pipe	39.540383 ° -121.998882 °	39.540383 ° -121.998882 °	24

<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.45	10/13/2010 10/13/2010	Bob Duffey

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
20	5.63	5.66	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	39.541042 ° -121.999276 °	39.541454 ° -121.999521 °	25
21	5.99	6.15	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	39.545942 ° -122.001185 °	39.548203 ° -122.001464 °	33
22	6.00	6.00	Earthen Levee	Encroachments	LS	M	Prunings	39.546014 ° -122.001188 °	39.546014 ° -122.001188 °	32
23	6.36	6.37	Earthen Levee	Encroachments	LS	M	Prunings	39.551068 ° -122.002450 °	39.551238 ° -122.002498 °	13
24	6.39	6.39	Earthen Levee	Encroachments	WS	M	Prunings	39.551532 ° -122.002575 °	39.551532 ° -122.002575 °	14
25	6.39	6.42	Earthen Levee	Encroachments	LS	PO	Landscaping	39.551575 ° -122.002595 °	39.552017 ° -122.002743 °	15 Y
26	6.48	6.87	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	39.552726 ° -122.002998 °	39.558273 ° -122.004291 °	29
27	6.88	7.85	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	39.558343 ° -122.004350 °	39.572088 ° -122.004690 °	17
28	8.17	8.28	Earthen Levee	Trim / Thin Trees	WS	M	Thin trees to allow visibility of the ground and room to flood fight.	39.576580 ° -122.004962 °	39.578187 ° -122.005218 °	20 Y
29	8.29	8.54	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	39.578419 ° -122.005251 °	39.581590 ° -122.006920 °	30
30	8.84	9.62	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	39.585621 ° -122.006738 °	39.595938 ° -122.002652 °	34
31	8.92	8.92	Earthen Levee	Encroachments	LS	C	Material	39.586463 ° -122.005893 °	39.586463 ° -122.005893 °	39
32	8.95	8.95	Earthen Levee	Encroachments	LS	C	Debris	39.586863 ° -122.005555 °	39.586863 ° -122.005555 °	40
33	9.03	9.62	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	39.588028 ° -122.005321 °	39.595938 ° -122.002652 °	41
34	9.70	9.70	Earthen Levee	Encroachments	LS	M	Debris	39.597078 ° -122.002127 °	39.597078 ° -122.002127 °	11 Y
35	10.21	10.55	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	39.603211 ° -121.997176 °	39.607431 ° -121.994458 °	46
36	10.55	10.55	Earthen Levee	Encroachments	LS	C	Prunings	39.607412 ° -121.994408 °	39.607412 ° -121.994408 °	22
37	10.65	10.69	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	39.608748 ° -121.993678 °	39.609355 ° -121.993628 °	12
38	11.02	11.02	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	39.614213 ° -121.994548 °	39.614213 ° -121.994548 °	21

* 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

Levee District No. 0001 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	12.45	10/13/2010 10/13/2010	Bob Duffey

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
39	11.16	11.27	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	39.616090 ° -121.994431 °	39.617599 ° -121.994875 °	26
40	11.16	11.45	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	39.616092 ° -121.994432 °	39.619357 ° -121.997198 °	28
41	11.82	11.94	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	39.624171 ° -121.999967 °	39.625823 ° -122.000834 °	42
42	11.82	11.94	Earthen Levee	Animal Control	WS	M	Repair the levee slope damaged by livestock and prevent large animal access.	39.624171 ° -121.999967 °	39.625823 ° -122.000834 °	47
43	12.06	12.08	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	39.627315 ° -122.001513 °	39.627540 ° -122.001632 °	43
44	12.07	12.13	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	39.627423 ° -122.001562 °	39.628278 ° -122.001818 °	44

<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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Unit No. 01 Sacramento River	Right	12.45	10/13/2010 10/13/2010	Bob Duffey

Levee Mile Report Line	6
Start Levee Mile	1.35
End Levee Mile	1.39
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of the permitted landscape on the landside slope of the levee.	
rduffey_f_20100921_001.jpg	



Levee Mile Report Line	25
Start Levee Mile	6.39
End Levee Mile	6.42
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of the permitted landscape along the landside slope.	
rduffey_f_20101109_244.jpg	



Levee Mile Report Line	28
Start Levee Mile	8.17
End Levee Mile	8.28
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees
View of the trees and vegetation along the waterside slope of the levee.	
rduffey_f_20101109_245.jpg	



<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</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	12.45	10/13/2010 10/13/2010	Bob Duffey

Levee Mile Report Line	34
Start Levee Mile	9.70
End Levee Mile	9.70
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of debris along the toe of the levee.	
rduffey_f_20101109_246.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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