

## **APPENDIX G**

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California Department of Water Resources  
2009 Levee Inspection Reports for Natomas Basin

**DEPARTMENT OF WATER RESOURCES**

1416 NINTH STREET, P.O. BOX 942836  
SACRAMENTO, CA 94236-0001  
(916) 653-5791



January 26, 2010

TO: State-Federal Flood Control Project Maintaining Agencies  
2009 Inspection Results

The Department of Water Resources (DWR) has completed the fall 2009 annual levee inspections for all State-Federal flood control project levees, as well as the annual project channel, structures, and pumping plant inspections. The results of your district's applicable inspections are enclosed in the following documents:

- Fall 2009 Levee Maintenance Deficiency Summary Report by Local Maintaining Agency (LMA) and by unit
- Levee Inspection Report by Mile for each unit with unit cover sheets and LMA cover sheet
- 2009 Channel Summary Report
- 2009 Structure Summary Report
- 2009 Pumping Plant Summary Report

#### Inspection Criteria and Ratings

A detailed explanation of all the inspection criteria can be found in the 2009 Inspection Report at <http://cdec.water.ca.gov/fsir.html>.

#### LMA Self-Inspections

You are again required to inspect your levee system during the December through February period. **You are only required to report any deficiencies that are different than those identified in your Fall 2009 Levee Inspection Report by Mile.** To complete your inspection report:

- Check the appropriate box on each unit cover sheet.
- Include information (location and description) as needed to identify new deficiencies.
- Sign, date, and make a copy of each sheet.
- Return the unit cover sheets and any new sheets to us by March 31, 2010.
- Please mail the reports back to DWR Summer/Winter Inspection Reports, 3310 El Camino Avenue, Room LL-30, Sacramento, California 95821-9000.

We are sending this letter and its attachments by regular mail to identified LMA officials and consultants. We are also sending this information electronically to those who have provided us with an email address. If you wish to receive such information via email instead of, or in addition to, regular mail, please inform your inspector and give him or her your email address.

If you have any questions, please contact your inspector, or contact me at (916) 574-1729 or by email at [ilnewb@water.ca.gov](mailto:ilnewb@water.ca.gov).

Sincerely,

A handwritten signature in cursive script that reads "Ilene Wellman-Barbree".

Ilene Wellman-Barbree, Chief  
Flood Project Inspection Section

Attachments

Flood Control Project Maintenance  
Levee Inspections

Fall 2009 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

RD1000 Reclamation District No. 1000	Overall LMA Rating	Total LMA Miles				
	<b>A</b>	<b>42.48</b>				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Encroachments					11.04	1.31
USACE Erosion Survey	0.13		0.13	0.31%		
<i>LMA Totals:</i>	0.13	0.00	0.13	0.31%	11.04	1.31
Unit No. 01 Sacramento River	Overall Unit Rating	Total Unit Miles				
	<b>A</b>	<b>18.60</b>				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Encroachments					7.88	1.31
USACE Erosion Survey	0.13		0.13	0.70%		
<i>Unit Totals:</i>	0.13	0.00	0.13	0.70%	7.88	1.31
Unit No. 02 American River	Overall Unit Rating	Total Unit Miles				
	<b>A</b>	<b>2.33</b>				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Encroachments					2.43	
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	2.43	0.00
Unit No. 03 Natomas East Canal	Overall Unit Rating	Total Unit Miles				
	<b>A</b>	<b>17.17</b>				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Encroachments					0.73	
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.73	0.00
Unit No. 04 Natomas Cross Canal	Overall Unit Rating	Total Unit Miles				
	<b>A</b>	<b>4.38</b>				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
No Items						
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.00	0.00



Flood Control Project Maintenance  
Levee Inspections

Unit Cover Sheet

Fall 2009 Levee Inspection Results

Reclamation District No. 1000

Waterway	Bank	Unit Miles
Unit No. 01 Sacramento River	Left	18.60

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	3/17/2009		9/24/2009	
DWR Inspector	Clay Thomas		Clay Thomas	
Accompanied By				

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 2009

Reclamation District No. 1000

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector			
Unit No. 01 Sacramento River				Left	18.60	11/24/2009 12/01/2009	Clay Thomas			
LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.08	0.08	Earthen Levee	Encroachments	WS PO	Buildings		38.779583 ° -121.602598 °	38.779583 ° -121.602598 °	957
2	0.18	0.22	Earthen Levee	Encroachments	WS PO	Landscaping		38.778408 ° -121.601488 °	38.777902 ° -121.601062 °	131
3	0.48	0.61	Supplemental Levee	USACE Erosion Survey	WS M		Inspector Comments: tree hazards, seepage	38.774507 ° -121.598865 °	38.772921 ° -121.597788 °	953
4	1.69	1.71	Earthen Levee	Encroachments	WS PO	Landscaping		38.758697 ° -121.591178 °	38.758447 ° -121.591253 °	136
5	1.74	1.77	Earthen Levee	Encroachments	WS PO	Landscaping		38.757962 ° -121.591342 °	38.757480 ° -121.591147 °	135
6	1.77	1.79	Earthen Levee	Encroachments	WS PO	Landscaping		38.757478 ° -121.591140 °	38.757238 ° -121.591272 °	134
7	1.88	1.91	Earthen Levee	Encroachments	WS PO	Landscaping		38.755975 ° -121.591433 °	38.755585 ° -121.591530 °	133
8	1.96	1.98	Earthen Levee	Encroachments	WS PO	Landscaping		38.754848 ° -121.591742 °	38.754562 ° -121.591795 °	132
9	2.02	2.03	Earthen Levee	Encroachments	WS PO	Landscaping		38.753983 ° -121.591737 °	38.753848 ° -121.591797 °	129
10	2.04	2.04	Earthen Levee	Encroachments	WS PO	Landscaping		38.753691 ° -121.592149 °	38.753691 ° -121.592149 °	123
11	2.11	2.18	Earthen Levee	Encroachments	WS PO	Landscaping		38.752513 ° -121.592017 °	38.751822 ° -121.592857 °	122
12	2.55	2.70	Earthen Levee	Encroachments	WS PO	Landscaping		38.747087 ° -121.595582 °	38.745127 ° -121.596793 °	121
13	5.23	5.29	Earthen Levee	Encroachments	WS PO	Landscaping		38.711248 ° -121.610500 °	38.710700 ° -121.611233 °	120
14	5.31	5.34	Earthen Levee	Encroachments	WS PO	Landscaping		38.710508 ° -121.611450 °	38.710132 ° -121.611882 °	119
15	5.55	5.55	Earthen Levee	Rip Rap Revelments	WS C		Inspector Comments: erosion repair site	38.708156 ° -121.614518 °	38.708156 ° -121.614518 °	958
16	5.68	5.72	Earthen Levee	Encroachments	WS CO	Landscaping		38.706593 ° -121.616155 °	38.706082 ° -121.616385 °	118
17	5.72	5.75	Earthen Levee	Encroachments	WS PO	Landscaping		38.706085 ° -121.616385 °	38.705662 ° -121.616837 °	117
18	6.04	6.07	Earthen Levee	Encroachments	WS PO	Landscaping		38.702742 ° -121.620557 °	38.702467 ° -121.620947 °	116

<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	C : Corrected
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Flood Control Project Maintenance  
Levee Inspections

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 1000

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Sacramento River						Left	18.60	11/24/2009 12/01/2009	Clay Thomas	
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
19	6.20	6.22	Earthen Levee	Encroachments	WS PO	Landscaping		38.701422 ° -121.622755 °	38.701120 ° -121.623063 °	113
20	6.22	6.24	Earthen Levee	Encroachments	LS PO	Landscaping		38.701177 ° -121.623057 °	38.700950 ° -121.623375 °	115
21	6.22	6.24	Earthen Levee	Encroachments	LS PO	Fences		38.701178 ° -121.623060 °	38.700947 ° -121.623370 °	114
22	6.22	6.25	Earthen Levee	Encroachments	WS CO	Landscaping		38.701120 ° -121.623065 °	38.700822 ° -121.623468 °	112
23	6.36	6.39	Earthen Levee	Encroachments	WS CO	Landscaping		38.699877 ° -121.624948 °	38.699575 ° -121.625475 °	111
24	6.41	6.47	Earthen Levee	Encroachments	WS PO	Landscaping		38.756757 ° -121.596252 °	38.757943 ° -121.599515 °	124
25	6.43	6.47	Earthen Levee	Encroachments	WS PO	Landscaping		38.699237 ° -121.626088 °	38.698907 ° -121.626617 °	110
26	6.49	6.49	Earthen Levee	Encroachments	WS PO	Landscaping		38.758607 ° -121.601933 °	38.758607 ° -121.601933 °	125
27	6.58	6.61	Earthen Levee	Encroachments	WS PO	Landscaping		38.697958 ° -121.628273 °	38.697773 ° -121.628682 °	109
28	6.61	6.70	Earthen Levee	Encroachments	WS PO	Landscaping		38.697775 ° -121.628685 °	38.696618 ° -121.629425 °	108
29	6.76	6.78	Earthen Levee	Encroachments	WS PO	Landscaping		38.695892 ° -121.630053 °	38.695642 ° -121.630353 °	107
30	6.88	6.89	Earthen Levee	Encroachments	WS PO	Landscaping		38.694348 ° -121.631007 °	38.694187 ° -121.631200 °	106
31	6.89	6.92	Earthen Levee	Encroachments	WS PO	Landscaping		38.694192 ° -121.631203 °	38.693932 ° -121.631470 °	105
32	6.92	6.95	Earthen Levee	Encroachments	WS PO	Landscaping		38.693935 ° -121.631478 °	38.693412 ° -121.631765 °	104
33	6.99	7.03	Earthen Levee	Encroachments	WS PO	Landscaping		38.693043 ° -121.632048 °	38.692553 ° -121.632373 °	103
34	7.03	7.07	Earthen Levee	Encroachments	WS PO	Landscaping		38.692535 ° -121.632423 °	38.691872 ° -121.632490 °	102
35	7.10	7.16	Earthen Levee	Encroachments	WS PO	Landscaping		38.691422 ° -121.632585 °	38.690707 ° -121.632842 °	101
36	7.16	7.18	Earthen Levee	Encroachments	WS PO	Landscaping		38.690678 ° -121.632840 °	38.690367 ° -121.632797 °	100

<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	C : Corrected
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Flood Control Project Maintenance  
Levee Inspections

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 1000

Waterway			Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River			Left	18.60	11/24/2009 12/01/2009	Clay Thomas

Levee No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
37	7.22	7.27	Earthen Levee	Encroachments	WS PO	Landscaping		38.689753 ° -121.632788 °	38.689077 ° -121.633003 °	99
38	7.36	7.36	Earthen Levee	Encroachments	WS PO	Landscaping		38.687808 ° -121.632495 °	38.687808 ° -121.632495 °	97
39	7.36	7.36	Earthen Levee	Encroachments	WS PO	Landscaping		38.687808 ° -121.632495 °	38.687808 ° -121.632495 °	98
40	7.39	7.43	Earthen Levee	Encroachments	WS PO	Landscaping		38.687347 ° -121.632433 °	38.686780 ° -121.632138 °	96
41	7.66	7.72	Earthen Levee	Encroachments	WS PO	Landscaping		38.683620 ° -121.631180 °	38.682742 ° -121.631190 °	95
42	7.72	7.75	Earthen Levee	Encroachments	WS PO	Landscaping		38.682742 ° -121.631168 °	38.682310 ° -121.631085 °	94
43	7.81	7.86	Earthen Levee	Encroachments	WS PO	Landscaping		38.681592 ° -121.630768 °	38.680837 ° -121.630530 °	93
44	8.08	8.11	Earthen Levee	Encroachments	WS PO	Landscaping		38.678023 ° -121.628670 °	38.677672 ° -121.628432 °	92
45	8.18	8.19	Earthen Levee	Encroachments	WS PO	Landscaping		38.676893 ° -121.627860 °	38.676747 ° -121.627725 °	91
46	8.22	8.25	Earthen Levee	Encroachments	WS CO	Landscaping		38.676425 ° -121.627462 °	38.676038 ° -121.627063 °	90
47	8.25	8.28	Earthen Levee	Encroachments	WS PO	Landscaping		38.676040 ° -121.627063 °	38.675772 ° -121.626785 °	89
48	8.36	8.38	Earthen Levee	Encroachments	WS PO	Landscaping		38.674830 ° -121.625830 °	38.674610 ° -121.625652 °	88
49	8.38	8.42	Earthen Levee	Encroachments	WS PO	Landscaping		38.674607 ° -121.625655 °	38.674117 ° -121.625143 °	87
50	8.56	8.59	Earthen Levee	Encroachments	WS PO	Landscaping		38.672878 ° -121.623203 °	38.672603 ° -121.622892 °	86
51	8.60	8.66	Earthen Levee	Encroachments	WS PO	Landscaping		38.672487 ° -121.622783 °	38.671790 ° -121.622118 °	85
52	8.77	8.86	Earthen Levee	Encroachments	WS PO	Landscaping		38.670647 ° -121.620632 °	38.669790 ° -121.619482 °	84
53	8.96	8.98	Earthen Levee	Encroachments	WS PO	Landscaping		38.668898 ° -121.618195 °	38.668672 ° -121.617775 °	83
54	8.98	9.02	Earthen Levee	Encroachments	WS CO	Landscaping		38.668673 ° -121.617772 °	38.668405 ° -121.617278 °	82

<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	C : Corrected
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Flood Control Project Maintenance  
Levee Inspections

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 1000

Waterway			Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River			Left	18.60	11/24/2009 12/01/2009	Clay Thomas

LIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
55	9.03	9.08	Earthen Levee	Encroachments	WS PO	Landscaping		38.668312 ° -121.617138 °	38.667783 ° -121.616382 °	81
56	9.09	9.11	Earthen Levee	Encroachments	WS PO	Landscaping		38.667672 ° -121.616215 °	38.667552 ° -121.616018 °	80
57	9.11	9.14	Earthen Levee	Encroachments	WS PO	Landscaping		38.667505 ° -121.615912 °	38.667255 ° -121.615525 °	79
58	9.15	9.17	Earthen Levee	Encroachments	WS PO	Landscaping		38.667250 ° -121.615522 °	38.667028 ° -121.615115 °	78
59	9.57	9.57	Earthen Levee	Encroachments	WS CO	Buildings		38.663307 ° -121.609949 °	38.663307 ° -121.609949 °	959
60	10.28	10.28	Earthen Levee	Animal Control	WS C	Exterminate rodents and backfill and compact or grout burrows.		38.655161 ° -121.601900 °	38.655161 ° -121.601900 °	954
61	10.34	10.36	Earthen Levee	Encroachments	LS PO	Landscaping		38.654508 ° -121.601280 °	38.654332 ° -121.601097 °	75
62	10.88	10.92	Earthen Levee	Encroachments	WS CO	Landscaping		38.648127 ° -121.595872 °	38.647663 ° -121.595483 °	74
63	10.95	10.99	Earthen Levee	Encroachments	WS CO	Landscaping		38.647373 ° -121.595248 °	38.646825 ° -121.594800 °	73
64	11.23	11.30	Earthen Levee	Encroachments	WS PO	Landscaping		38.644548 ° -121.591768 °	38.644302 ° -121.590572 °	72
65	11.42	11.51	Earthen Levee	Encroachments	WS CO	Landscaping		38.644393 ° -121.588498 °	38.644702 ° -121.586992 °	70
66	11.62	11.62	Earthen Levee	Animal Control	WS C	Exterminate rodents and backfill and compact or grout burrows.		38.645479 ° -121.585212 °	38.645479 ° -121.585212 °	955
67	11.84	11.88	Earthen Levee	Encroachments	WS PO	Landscaping		38.647408 ° -121.582090 °	38.647773 ° -121.581423 °	69
68	12.21	12.24	Earthen Levee	Encroachments	LS PO	Landscaping		38.650302 ° -121.576493 °	38.650216 ° -121.575890 °	63
69	12.25	12.29	Earthen Levee	Encroachments	LS CO	Buildings		38.650315 ° -121.575622 °	38.650367 ° -121.575005 °	68
70	12.33	12.35	Earthen Levee	Encroachments	WS PO	Landscaping		38.653208 ° -121.573895 °	38.650245 ° -121.572188 °	66
71	12.35	12.43	Earthen Levee	Encroachments	WS PO	Landscaping		38.650867 ° -121.573877 °	38.648223 ° -121.569630 °	67
72	12.44	12.55	Earthen Levee	Encroachments	WS PO	Landscaping		38.651785 ° -121.571670 °	38.649560 ° -121.570438 °	65

<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</p>	<p>C : Corrected</p>
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Flood Control Project Maintenance  
Levee Inspections

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 1000

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.60	11/24/2009 12/01/2009	Clay Thomas

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
73	12.55	12.59	Earthen Levee	Encroachments	WS PO	Landscaping		38.649533 ° -121.570387 °	38.649253 ° -121.569810 °	64
74	12.59	12.64	Earthen Levee	Encroachments	WS CO	Landscaping		38.649253 ° -121.569815 °	38.648895 ° -121.569043 °	62
75	12.64	12.67	Earthen Levee	Encroachments	WS PO	Landscaping		38.648897 ° -121.569030 °	38.648588 ° -121.568467 °	61
76	12.72	12.77	Earthen Levee	Encroachments	WS CO	Landscaping		38.648172 ° -121.567843 °	38.647738 ° -121.567167 °	60
77	12.77	12.85	Earthen Levee	Encroachments	WS PO	Landscaping		38.647665 ° -121.567045 °	38.646812 ° -121.566135 °	59
78	12.89	12.98	Earthen Levee	Encroachments	WS CO	Landscaping		38.646400 ° -121.565695 °	38.645302 ° -121.564733 °	58
79	13.08	13.08	Earthen Levee	Encroachments	WS PO	Landscaping		38.644028 ° -121.563823 °	38.644028 ° -121.563823 °	56
80	13.12	13.13	Earthen Levee	Encroachments	WS PO	Landscaping		38.643527 ° -121.563518 °	38.643378 ° -121.563402 °	55
81	13.13	13.14	Earthen Levee	Encroachments	WS PO	Fences		38.643380 ° -121.563400 °	38.643275 ° -121.563307 °	54
82	13.26	13.30	Earthen Levee	Encroachments	WS PO	Landscaping		38.641620 ° -121.562753 °	38.641113 ° -121.562557 °	52
83	13.27	14.57	Earthen Levee	Vegetation	LS C	Remove the wild growth other than native grasses from the levee slopes.		38.640471 ° -121.562497 °	38.623167 ° -121.560322 °	137
84	13.34	17.63	Earthen Levee	Encroachments	LS PO	Agricultural Ditch		38.640469 ° -121.562502 °	38.605560 ° -121.528054 °	956
85	13.36	13.41	Earthen Levee	Encroachments	WS PO	Landscaping		38.640205 ° -121.562370 °	38.639540 ° -121.562238 °	51
86	13.47	13.51	Earthen Levee	Encroachments	WS PO	Landscaping		38.638668 ° -121.562085 °	38.638065 ° -121.562015 °	50
87	13.51	13.55	Earthen Levee	Encroachments	WS PO	Landscaping		38.638067 ° -121.562013 °	38.637600 ° -121.561932 °	49
88	13.55	13.58	Earthen Levee	Encroachments	WS PO	Landscaping		38.637602 ° -121.561930 °	38.637060 ° -121.561833 °	48
89	13.58	13.62	Earthen Levee	Encroachments	WS PO	Landscaping		38.637052 ° -121.561833 °	38.636527 ° -121.561743 °	47
90	13.60	13.60	Earthen Levee	Encroachments	LS PO	Landscaping		38.636842 ° -121.561804 °	38.636842 ° -121.561804 °	138

<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 C : Corrected
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Flood Control Project Maintenance  
Levee Inspections

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 1000

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector			
Unit No. 01 Sacramento River				Left	18.60	11/24/2009 12/01/2009	Clay Thomas			
LMI#	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
91	13.62	13.64	Earthen Levee	Encroachments	WS PO	Landscaping		38.636522 ° -121.561743 °	38.636250 ° -121.561667 °	46
92	13.68	13.70	Earthen Levee	Encroachments	WS PO	Landscaping		38.635638 ° -121.561570 °	38.635387 ° -121.561497 °	45
93	13.70	13.72	Earthen Levee	Encroachments	WS PO	Landscaping		38.635390 ° -121.561490 °	38.635032 ° -121.561482 °	44
94	13.86	13.90	Earthen Levee	Encroachments	WS CO	Fences		38.633238 ° -121.561097 °	38.632590 ° -121.560915 °	43
95	14.21	14.24	Earthen Levee	Encroachments	WS CO	Landscaping		38.628300 ° -121.560180 °	38.627873 ° -121.560202 °	42
96	14.31	14.32	Earthen Levee	Encroachments	WS PO	Landscaping		38.626905 ° -121.560062 °	38.626863 ° -121.561015 °	41
97	14.37	14.39	Earthen Levee	Encroachments	WS PO	Landscaping		38.625975 ° -121.560127 °	38.625642 ° -121.560185 °	39
98	14.38	14.52	Earthen Levee	Encroachments	WS PO	Landscaping		38.623976 ° -121.560372 °	38.623812 ° -121.561345 °	40
99	14.79	14.82	Earthen Levee	Encroachments	WS PO	Landscaping		38.620077 ° -121.560120 °	38.619630 ° -121.560067 °	38
100	14.85	14.90	Earthen Levee	Encroachments	WS PO	Landscaping		38.619112 ° -121.560113 °	38.618493 ° -121.560070 °	37
101	14.92	14.92	Earthen Levee	Encroachments	WS PO	Landscaping		38.618163 ° -121.560113 °	38.618163 ° -121.560113 °	36
102	14.98	15.02	Earthen Levee	Encroachments	WS PO	Landscaping		38.617388 ° -121.559970 °	38.616835 ° -121.559807 °	35
103	15.33	15.38	Earthen Levee	Encroachments	WS PO	Landscaping		38.612555 ° -121.558258 °	38.611900 ° -121.558303 °	34
104	15.46	15.48	Earthen Levee	Encroachments	WS PO	Fences		38.610787 ° -121.557817 °	38.610455 ° -121.557638 °	33
105	15.50	15.52	Earthen Levee	Encroachments	WS PO	Fences		38.610180 ° -121.557453 °	38.609908 ° -121.557328 °	32
106	15.54	15.57	Earthen Levee	Encroachments	WS CO	Landscaping		38.609743 ° -121.557252 °	38.609315 ° -121.557000 °	31
107	15.70	15.73	Earthen Levee	Encroachments	WS CO	Landscaping		38.607715 ° -121.555847 °	38.607345 ° -121.555538 °	30
108	15.74	15.82	Earthen Levee	Encroachments	WS CO	Fences		38.607207 ° -121.555465 °	38.606255 ° -121.554582 °	29

<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 C : Corrected
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Flood Control Project Maintenance  
Levee Inspections

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 1000

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River		Left	18.60	11/24/2009 12/01/2009	Clay Thomas

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
109	15.85	15.87	Earthen Levee	Encroachments	WS PO	Landscaping		38.605915 ° -121.554290 °	38.605687 ° -121.554070 °	28
110	15.88	15.91	Earthen Levee	Encroachments	WS PO	Landscaping		38.605585 ° -121.553983 °	38.605273 ° -121.553663 °	27
111	15.91	15.93	Earthen Levee	Encroachments	WS PO	Landscaping		38.605265 ° -121.553647 °	38.605032 ° -121.553437 °	26
112	15.93	15.97	Earthen Levee	Encroachments	WS PO	Landscaping		38.605002 ° -121.553413 °	38.604598 ° -121.553008 °	25
113	16.09	16.10	Earthen Levee	Encroachments	WS PO	Landscaping		38.603083 ° -121.551690 °	38.602943 ° -121.551593 °	23
114	16.11	16.13	Earthen Levee	Encroachments	WS PO	Landscaping		38.602870 ° -121.551598 °	38.602617 ° -121.551330 °	22
115	16.14	16.16	Earthen Levee	Encroachments	WS PO	Landscaping		38.602517 ° -121.551248 °	38.602373 ° -121.550963 °	21
116	16.20	16.23	Earthen Levee	Encroachments	WS PO	Fences		38.601977 ° -121.550473 °	38.601678 ° -121.550142 °	20
117	16.30	16.33	Earthen Levee	Encroachments	WS PO	Landscaping		38.600988 ° -121.549198 °	38.600665 ° -121.548795 °	19
118	16.34	16.36	Earthen Levee	Encroachments	WS PO	Landscaping		38.600525 ° -121.548640 °	38.600397 ° -121.548447 °	18
119	16.86	16.90	Earthen Levee	Encroachments	WS CO	Fences		38.602328 ° -121.540788 °	38.602688 ° -121.540157 °	16
120	16.90	16.95	Earthen Levee	Encroachments	WS PO	Fences		38.602693 ° -121.540165 °	38.603092 ° -121.539490 °	15
121	16.97	17.00	Earthen Levee	Encroachments	WS PO	Fences		38.603242 ° -121.539318 °	38.603597 ° -121.538875 °	14
122	17.06	17.18	Earthen Levee	Encroachments	WS PO	Fences		38.604188 ° -121.538027 °	38.604890 ° -121.536105 °	13
123	17.64	17.74	Earthen Levee	Encroachments	WS PO	Fences		38.605645 ° -121.527902 °	38.605542 ° -121.526112 °	11
124	17.77	17.82	Earthen Levee	Encroachments	WS CO	Buildings		38.605482 ° -121.525492 °	38.605447 ° -121.524678 °	10
125	17.82	17.91	Earthen Levee	Encroachments	WS CO	Buildings		38.605445 ° -121.524675 °	38.605305 ° -121.522958 °	8
126	17.83	17.86	Earthen Levee	Encroachments	LS CO	Buildings		38.605420 ° -121.524375 °	38.605462 ° -121.523852 °	9

<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 N : Not Inspected</p>	<p>C : Corrected</p>
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Flood Control Project Maintenance  
Levee Inspections

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 1000

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River		Left	18.60	11/24/2009 12/01/2009	Clay Thomas

LMI/UNIT No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
127	17.91	17.94	Earthen Levee	Encroachments	WS CO	Buildings		38.605300 ° -121.522957 °	38.605200 ° -121.522422 °	7
128	18.10	18.10	Earthen Levee	Encroachments	WS CO	Buildings		38.604788 ° -121.519720 °	38.604788 ° -121.519720 °	6
129	18.10	18.18	Earthen Levee	Encroachments	WS CO	Buildings		38.604758 ° -121.519610 °	38.604532 ° -121.518190 °	5
130	18.21	18.40	Earthen Levee	Encroachments	WS CO	Buildings		38.604515 ° -121.517635 °	38.603918 ° -121.514370 °	4

<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 C : Corrected
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Flood Control Project Maintenance  
Levee Inspections

Unit Cover Sheet

Fall 2009 Levee Inspection Results

Reclamation District No. 1000

Waterway	Bank	Unit Miles
Unit No. 02 American River	Right	2.33

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	3/17/2009		9/24/2009	
DWR Inspector	Clay Thomas		Clay Thomas	
Accompanied By				

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 2009

Reclamation District No. 1000

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 American River		Right	2.33	12/01/2009 12/01/2009	Clay Thomas

LIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.07	2.30	Earthen Levee	Encroachments	LS PO	Landscaping		38.604932 ° -121.510243 °	38.605932 ° -121.470770 °	1
2	1.50	1.70	Earthen Levee	Encroachments	WS PO	Landscaping		38.607880 ° -121.484500 °	38.607110 ° -121.480950 °	2

<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	C : Corrected
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Flood Control Project Maintenance  
Levee Inspections

Unit Cover Sheet

Fall 2009 Levee Inspection Results

Reclamation District No. 1000

Waterway	Bank	Unit Miles
Unit No. 03 Natomas East Canal	Right	17.17

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	3/17/2009		9/24/2009	
DWR Inspector	Clay Thomas		Clay Thomas	
Accompanied By				

Check one:

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X

Signature of LMA Representative

Date

Flood Control Project Maintenance  
Levee Inspections

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 1000

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Natomas East Canal	Right	17.17	11/24/2009 12/01/2009	Clay Thomas

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.07	0.13	Earthen Levee	Encroachments	LS PO	Fences		38.606882 ° -121.469480 °	38.607523 ° -121.469033 °	7
2	0.30	0.32	Earthen Levee	Encroachments	LS PO	Fences		38.609865 ° -121.468183 °	38.610162 ° -121.468122 °	5
3	0.53	0.57	Earthen Levee	Encroachments	LS PO	Fences		38.613077 ° -121.468133 °	38.613700 ° -121.468263 °	4
4	3.05	3.10	Earthen Levee	Encroachments	LS PO	Fences		38.648677 ° -121.474882 °	38.649412 ° -121.475005 °	3
5	14.54	14.94	Earthen Levee	Encroachments	LS C	Agricultural Ditch		38.804665 ° -121.516013 °	38.809031 ° -121.518615 °	8
6	15.51	16.07	Earthen Levee	Encroachments	LS PO	Agricultural Ditch		38.816259 ° -121.522787 °	38.823314 ° -121.526942 °	9

<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	C : Corrected
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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2009 Levee Inspection Results**

**Reclamation District No. 1000**

Waterway		Bank	Unit Miles
Unit No. 04 Natomas Cross Canal		Left	4.38
	Spring (March - May)	Summer (June - August)	(September - November) Fall
Unit Maintenance Rating (Fall Only)			A
Date of Inspection			9/24/2009
DWR Inspector			Clay Thomas
Accompanied By			

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.

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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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Sacramento, CA 95821-9000

**X**

Signature of LMA Representative

Date

Flood Control Project Maintenance  
Levee Inspections

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 1000

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Natomas Cross Canal	Left	4.38	11/24/2009 11/24/2009	Clay Thomas

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1							No issues were reported.			

<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	C : Corrected
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