

**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	Overall LMA Rating	Total LMA Miles				
Reclamation District No. 1000	A	42.48				
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				
	A	18.60				
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				
	A	2.33				
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				
	A	17.17				
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				
	A	4.38				
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**
LMA District Cover Sheet
Fall 2009 Levee Inspection Results

Reclamation District No. 1000

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

** 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 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.
	Start	End						Start	End	Photo
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	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 Revetments	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

*** 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
C : Corrected

**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.
	Start	End						Start	End	Photo
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

*** Location**

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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.
	Start	End						Start	End	Photo
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

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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.
	Start	End						Start	End	Photo
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

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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.
	Start	End						Start	End	Photo
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

*** Location**

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**** Rating**

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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.
	Start	End						Start	End	Photo
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

*** Location**

LS : Land Side
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**** Rating**

A : Acceptable
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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.
	Start	End						Start	End	Photo
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

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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	
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

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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

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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

**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

LMR 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

*** Location**

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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				

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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

*** Location**

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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	Winter (December - February)
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).

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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.	°	°	°

*** Location**

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