

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

Reclamation District No. 1000 Natomas

	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. 1000 Natomas

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)				
Date of Inspection	3/10/2011 - 3/10/2011			
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.
 - 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 _____ Date

Signature of LMA Representative

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.60	03/10/2011 03/10/2011	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	0.18	0.18	Earthen Levee	Vegetation	WS A	Control annual grass and weeds on the levee slopes and easements.		38.778388 ° -121.601521 °	38.778381 ° -121.601521 °	71 Y
4	0.18	0.18	Earthen Levee	Vegetation	LS A	Control annual grass and weeds on the levee slopes and easements.		38.778381 ° 38.778381 °	-121.601521 ° -121.601521 °	76 Y
5	0.29	0.29	Earthen Levee	Vegetation	CR A	Control annual grass and weeds on the levee slopes and easements.		38.777041 ° -121.600418 °	38.777041 ° -121.600418 °	77 Y
6	0.48	0.61	Supplemental	USACE Erosion Survey	WS M	Inspector Comments: 2009: 15 ft berm, 2.5:1 slope, seepage, clays and silts, 4.89 ft/s [2009 SiteID:SAC_78-3_L]		38.774508 ° -121.598864 °	38.772922 ° -121.597789 °	12 Y
7	1.69	1.71	Earthen Levee	Encroachments	WS PO	Landscaping		38.758697 ° -121.591178 °	38.758447 ° -121.591253 °	136
8	1.74	1.77	Earthen Levee	Encroachments	WS PO	Landscaping		38.757962 ° -121.591342 °	38.757480 ° -121.591147 °	135
9	1.77	1.79	Earthen Levee	Encroachments	WS PO	Landscaping		38.757478 ° -121.591140 °	38.757238 ° -121.591272 °	134
10	1.88	1.91	Earthen Levee	Encroachments	WS PO	Landscaping		38.755975 ° -121.591433 °	38.755585 ° -121.591530 °	133
11	1.96	1.98	Earthen Levee	Encroachments	WS PO	Landscaping		38.754848 ° -121.591742 °	38.754562 ° -121.591795 °	132
12	2.02	2.03	Earthen Levee	Encroachments	WS PO	Landscaping		38.753983 ° -121.591737 °	38.753848 ° -121.591797 °	129
13	2.04	2.04	Earthen Levee	Encroachments	WS PO	Landscaping		38.753691 ° -121.592149 °	38.753691 ° -121.592149 °	123
14	2.11	2.18	Earthen Levee	Encroachments	WS PO	Landscaping		38.752513 ° -121.592017 °	38.751822 ° -121.592857 °	122
15	2.55	2.70	Earthen Levee	Encroachments	WS PO	Landscaping		38.747087 ° -121.595582 °	38.745127 ° -121.596793 °	121
16	5.23	5.29	Earthen Levee	Encroachments	WS PO	Landscaping		38.711248 ° -121.610500 °	38.710700 ° -121.611233 °	120
17	5.31	5.34	Earthen Levee	Encroachments	WS PO	Landscaping		38.710508 ° -121.611450 °	38.710132 ° -121.611882 °	119
18	5.68	5.72	Earthen Levee	Encroachments	WS CO	Landscaping		38.706593 ° -121.616155 °	38.706082 ° -121.616385 °	118
19	5.72	5.75	Earthen Levee	Encroachments	WS PO	Landscaping		38.706085 ° -121.616385 °	38.705662 ° -121.616837 °	117

* Location LS : Landside WS : Waterside 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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 1000 Natomas

Waterway			Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River			Left	18.60	03/10/2011 03/10/2011	Clay Thomas

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
20	6.04	6.07	Earthen Levee	Encroachments	WS PO	Landscaping		38.702742 ° -121.620557 °	38.702467 ° -121.620947 °	116
21	6.20	6.22	Earthen Levee	Encroachments	WS PO	Landscaping		38.701422 ° -121.622755 °	38.701120 ° -121.623063 °	113
22	6.22	6.24	Earthen Levee	Encroachments	LS C	Landscaping		38.701177 ° -121.623057 °	38.700950 ° -121.623375 °	115
23	6.22	6.24	Earthen Levee	Encroachments	LS C	Fences		38.701178 ° -121.623060 °	38.700947 ° -121.623370 °	114
24	6.22	6.25	Earthen Levee	Encroachments	WS CO	Landscaping		38.701120 ° -121.623065 °	38.700822 ° -121.623468 °	112
25	6.36	6.39	Earthen Levee	Encroachments	WS CO	Landscaping		38.699877 ° -121.624948 °	38.699575 ° -121.625475 °	111
26	6.41	6.47	Earthen Levee	Encroachments	WS PO	Landscaping		38.756757 ° -121.596252 °	38.757943 ° -121.599515 °	124
27	6.43	6.47	Earthen Levee	Encroachments	WS PO	Landscaping		38.699237 ° -121.626088 °	38.698907 ° -121.626617 °	110
28	6.49	6.49	Earthen Levee	Encroachments	WS PO	Landscaping		38.758607 ° -121.601933 °	38.758607 ° -121.601933 °	125
29	6.57	6.57	Earthen Levee	Encroachments	WS PO	Buildings		38.698179 ° -121.628077 °	38.698179 ° -121.628077 °	17
30	6.58	6.61	Earthen Levee	Encroachments	WS PO	Landscaping		38.697958 ° -121.628273 °	38.697773 ° -121.628682 °	109
31	6.61	6.70	Earthen Levee	Encroachments	WS PO	Landscaping		38.697775 ° -121.628685 °	38.696618 ° -121.629425 °	108
32	6.76	6.78	Earthen Levee	Encroachments	WS PO	Landscaping		38.695892 ° -121.630053 °	38.695642 ° -121.630353 °	107
33	6.88	6.89	Earthen Levee	Encroachments	WS PO	Landscaping		38.694348 ° -121.631007 °	38.694187 ° -121.631200 °	106
34	6.89	6.92	Earthen Levee	Encroachments	WS PO	Landscaping		38.694192 ° -121.631203 °	38.693932 ° -121.631470 °	105
35	6.92	6.95	Earthen Levee	Encroachments	WS PO	Landscaping		38.693935 ° -121.631478 °	38.693412 ° -121.631765 °	104
36	6.99	7.03	Earthen Levee	Encroachments	WS PO	Landscaping		38.693043 ° -121.632048 °	38.692553 ° -121.632373 °	103
37	7.03	7.07	Earthen Levee	Encroachments	WS PO	Landscaping		38.692535 ° -121.632423 °	38.691872 ° -121.632490 °	102
38	7.10	7.16	Earthen Levee	Encroachments	WS PO	Landscaping		38.691422 ° -121.632585 °	38.690707 ° -121.632842 °	101
39	7.16	7.18	Earthen Levee	Encroachments	WS PO	Landscaping		38.690678 ° -121.632840 °	38.690367 ° -121.632797 °	100

* Location LS : Landside WS : Waterside 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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.60	03/10/2011 03/10/2011	Clay Thomas

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
40	7.22	7.27	Earthen Levee	Encroachments	WS PO	Landscaping		38.689753 ° -121.632788 °	38.689077 ° -121.633003 °	99
41	7.36	7.36	Earthen Levee	Encroachments	WS C	Landscaping		38.687808 ° -121.632495 °	38.687808 ° -121.632495 °	97
42	7.36	7.36	Earthen Levee	Encroachments	WS PO	Landscaping		38.687808 ° -121.632495 °	38.687808 ° -121.632495 °	98
43	7.39	7.43	Earthen Levee	Encroachments	WS PO	Landscaping		38.687347 ° -121.632433 °	38.686780 ° -121.632138 °	96
44	7.50	7.50	Earthen Levee	Encroachments	WS PO	Landscaping		38.685843 ° -121.632012 °	38.685843 ° -121.632012 °	1
45	7.66	7.72	Earthen Levee	Encroachments	WS PO	Landscaping		38.683620 ° -121.631180 °	38.682742 ° -121.631190 °	95
46	7.72	7.75	Earthen Levee	Encroachments	WS PO	Landscaping		38.682742 ° -121.631168 °	38.682310 ° -121.631085 °	94
47	7.81	7.86	Earthen Levee	Encroachments	WS PO	Landscaping		38.681592 ° -121.630768 °	38.680837 ° -121.630530 °	93
48	8.08	8.11	Earthen Levee	Encroachments	WS PO	Landscaping		38.678023 ° -121.628670 °	38.677672 ° -121.628432 °	92
49	8.18	8.19	Earthen Levee	Encroachments	WS PO	Landscaping		38.676893 ° -121.627860 °	38.676747 ° -121.627725 °	91
50	8.22	8.25	Earthen Levee	Encroachments	WS CO	Landscaping		38.676425 ° -121.627462 °	38.676038 ° -121.627063 °	90
51	8.25	8.28	Earthen Levee	Encroachments	WS PO	Landscaping		38.676040 ° -121.627063 °	38.675772 ° -121.626785 °	89
52	8.36	8.38	Earthen Levee	Encroachments	WS PO	Landscaping		38.674830 ° -121.625830 °	38.674610 ° -121.625652 °	88
53	8.38	8.42	Earthen Levee	Encroachments	WS PO	Landscaping		38.674607 ° -121.625655 °	38.674117 ° -121.625143 °	87
54	8.56	8.59	Earthen Levee	Encroachments	WS PO	Landscaping		38.672878 ° -121.623203 °	38.672603 ° -121.622892 °	86
55	8.60	8.66	Earthen Levee	Encroachments	WS PO	Landscaping		38.672487 ° -121.622783 °	38.671790 ° -121.622118 °	85
56	8.77	8.86	Earthen Levee	Encroachments	WS PO	Landscaping		38.670647 ° -121.620632 °	38.669790 ° -121.619482 °	84
57	8.96	8.98	Earthen Levee	Encroachments	WS PO	Landscaping		38.668898 ° -121.618195 °	38.668672 ° -121.617775 °	83
58	8.98	9.02	Earthen Levee	Encroachments	WS CO	Landscaping		38.668673 ° -121.617772 °	38.668405 ° -121.617278 °	82
59	9.03	9.08	Earthen Levee	Encroachments	WS PO	Landscaping		38.668312 ° -121.617138 °	38.667783 ° -121.616382 °	81

* Location LS : Landside WS : Waterside 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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.60	03/10/2011 03/10/2011	Clay Thomas

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
60	9.09	9.11	Earthen Levee	Encroachments	WS PO	Landscaping		38.667672 ° -121.616215 °	38.667552 ° -121.616018 °	80
61	9.11	9.14	Earthen Levee	Encroachments	WS PO	Landscaping		38.667505 ° -121.615912 °	38.667255 ° -121.615525 °	79
62	9.15	9.17	Earthen Levee	Encroachments	WS PO	Landscaping		38.667250 ° -121.615522 °	38.667028 ° -121.615115 °	78
63	9.19	9.22	Earthen Levee	Encroachments	WS CO	Fences		38.666821 ° -121.615019 °	38.666604 ° -121.614672 °	2
64	9.57	9.57	Earthen Levee	Encroachments	WS CO	Buildings		38.663307 ° -121.609949 °	38.663307 ° -121.609949 °	959
65	10.34	10.36	Earthen Levee	Encroachments	LS C	Landscaping		38.654508 ° -121.601280 °	38.654332 ° -121.601097 °	75
66	10.88	10.92	Earthen Levee	Encroachments	WS CO	Landscaping		38.648127 ° -121.595872 °	38.647663 ° -121.595483 °	74
67	10.95	10.99	Earthen Levee	Encroachments	WS CO	Landscaping		38.647373 ° -121.595248 °	38.646825 ° -121.594800 °	73
68	11.23	11.30	Earthen Levee	Encroachments	WS PO	Landscaping		38.644548 ° -121.591768 °	38.644302 ° -121.590572 °	72
69	11.42	11.51	Earthen Levee	Encroachments	WS CO	Landscaping		38.644393 ° -121.588498 °	38.644702 ° -121.586992 °	70
70	11.84	11.88	Earthen Levee	Encroachments	WS PO	Landscaping		38.647408 ° -121.582090 °	38.647773 ° -121.581423 °	69
71	12.21	12.24	Earthen Levee	Encroachments	LS C	Landscaping		38.650302 ° -121.576493 °	38.650216 ° -121.575890 °	63
72	12.25	12.29	Earthen Levee	Encroachments	LS C	Buildings		38.650315 ° -121.575622 °	38.650367 ° -121.575005 °	68
73	12.33	12.35	Earthen Levee	Encroachments	WS PO	Landscaping		38.653208 ° -121.573895 °	38.650245 ° -121.572188 °	66
74	12.35	12.43	Earthen Levee	Encroachments	WS PO	Landscaping		38.650867 ° -121.573877 °	38.648223 ° -121.569630 °	67
75	12.44	12.55	Earthen Levee	Encroachments	WS PO	Landscaping		38.651785 ° -121.571670 °	38.649560 ° -121.570438 °	65
76	12.55	12.59	Earthen Levee	Encroachments	WS PO	Landscaping		38.649533 ° -121.570387 °	38.649253 ° -121.569810 °	64
77	12.59	12.64	Earthen Levee	Encroachments	WS CO	Landscaping		38.649253 ° -121.569815 °	38.648895 ° -121.569043 °	62
78	12.64	12.67	Earthen Levee	Encroachments	WS PO	Landscaping		38.648897 ° -121.569030 °	38.648588 ° -121.568467 °	61
79	12.72	12.77	Earthen Levee	Encroachments	WS CO	Landscaping		38.648172 ° -121.567843 °	38.647738 ° -121.567167 °	60

* Location LS : Landside WS : Waterside 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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 1000 Natomas

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector			
Unit No. 01 Sacramento River				Left	18.60	03/10/2011 03/10/2011	Clay Thomas			
LMR No.	Levee Mile		Category	Item	* Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
80	12.77	12.85	Earthen Levee	Encroachments	WS PO	Landscaping		38.647665 ° -121.567045 °	38.646812 ° -121.566135 °	59
81	12.89	12.98	Earthen Levee	Encroachments	WS CO	Landscaping		38.646400 ° -121.565695 °	38.645302 ° -121.564733 °	58
82	13.07	13.07	Earthen Levee	Animal Control	WS M	Exterminate rodents and backfill and compact or grout burrows.		38.644340 ° -121.564131 °	38.644340 ° -121.564131 °	53
83	13.08	13.08	Earthen Levee	Encroachments	WS PO	Landscaping		38.644028 ° -121.563823 °	38.644028 ° -121.563823 °	56
84	13.12	13.13	Earthen Levee	Encroachments	WS PO	Landscaping		38.643527 ° -121.563518 °	38.643378 ° -121.563402 °	55
85	13.13	13.14	Earthen Levee	Encroachments	WS PO	Fences		38.643380 ° -121.563400 °	38.643275 ° -121.563307 °	54
86	13.26	13.30	Earthen Levee	Encroachments	WS PO	Landscaping		38.641620 ° -121.562753 °	38.641113 ° -121.562557 °	52
87	13.34	17.63	Earthen Levee	Encroachments	LS PO	Agricultural Ditch		38.640469 ° -121.562502 °	38.605560 ° -121.528054 °	956
88	13.36	13.41	Earthen Levee	Encroachments	WS PO	Landscaping		38.640205 ° -121.562370 °	38.639540 ° -121.562238 °	51
89	13.47	13.51	Earthen Levee	Encroachments	WS PO	Landscaping		38.638668 ° -121.562085 °	38.638065 ° -121.562015 °	50
90	13.51	13.55	Earthen Levee	Encroachments	WS PO	Landscaping		38.638067 ° -121.562013 °	38.637600 ° -121.561932 °	49
91	13.55	13.58	Earthen Levee	Encroachments	WS PO	Landscaping		38.637602 ° -121.561930 °	38.637060 ° -121.561833 °	48
92	13.58	13.62	Earthen Levee	Encroachments	WS PO	Landscaping		38.637052 ° -121.561833 °	38.636527 ° -121.561743 °	47
93	13.60	13.60	Earthen Levee	Encroachments	LS C	Landscaping		38.636842 ° -121.561804 °	38.636842 ° -121.561804 °	138
94	13.62	13.64	Earthen Levee	Encroachments	WS PO	Landscaping		38.636522 ° -121.561743 °	38.636250 ° -121.561667 °	46
95	13.68	13.70	Earthen Levee	Encroachments	WS PO	Landscaping		38.635638 ° -121.561570 °	38.635387 ° -121.561497 °	45
96	13.70	13.72	Earthen Levee	Encroachments	WS PO	Landscaping		38.635390 ° -121.561490 °	38.635032 ° -121.561482 °	44
97	13.86	13.90	Earthen Levee	Encroachments	WS CO	Fences		38.633238 ° -121.561097 °	38.632590 ° -121.560915 °	43
98	14.21	14.24	Earthen Levee	Encroachments	WS CO	Landscaping		38.628300 ° -121.560180 °	38.627873 ° -121.560202 °	42

*** Location**

LS : Landside
WS : Waterside
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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.60	03/10/2011 03/10/2011	Clay Thomas

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
99	14.31	14.32	Earthen Levee	Encroachments	WS PO	Landscaping		38.626905 ° -121.560062 °	38.626863 ° -121.561015 °	41
100	14.37	14.39	Earthen Levee	Encroachments	WS C	Landscaping		38.625975 ° -121.560127 °	38.625642 ° -121.560185 °	39
101	14.38	14.52	Earthen Levee	Encroachments	WS CO	Landscaping		38.623976 ° -121.560372 °	38.623812 ° -121.561345 °	40
102	14.79	14.82	Earthen Levee	Encroachments	WS PO	Landscaping		38.620077 ° -121.560120 °	38.619630 ° -121.560067 °	38
103	14.85	14.90	Earthen Levee	Encroachments	WS PO	Landscaping		38.619112 ° -121.560113 °	38.618493 ° -121.560070 °	37
104	14.92	14.92	Earthen Levee	Encroachments	WS PO	Landscaping		38.618163 ° -121.560113 °	38.618163 ° -121.560113 °	36
105	14.98	15.02	Earthen Levee	Encroachments	WS PO	Landscaping		38.617388 ° -121.559970 °	38.616835 ° -121.559807 °	35
106	15.33	15.38	Earthen Levee	Encroachments	WS PO	Landscaping		38.612555 ° -121.558258 °	38.611900 ° -121.558303 °	34
107	15.46	15.48	Earthen Levee	Encroachments	WS PO	Fences		38.610787 ° -121.557817 °	38.610455 ° -121.557638 °	33
108	15.50	15.52	Earthen Levee	Encroachments	WS PO	Fences		38.610180 ° -121.557453 °	38.609908 ° -121.557328 °	32
109	15.54	15.57	Earthen Levee	Encroachments	WS CO	Landscaping		38.609743 ° -121.557252 °	38.609315 ° -121.557000 °	31
110	15.70	15.73	Earthen Levee	Encroachments	WS CO	Landscaping		38.607715 ° -121.555847 °	38.607345 ° -121.555538 °	30
111	15.74	15.82	Earthen Levee	Encroachments	WS CO	Fences		38.607207 ° -121.555465 °	38.606255 ° -121.554582 °	29
112	15.85	15.87	Earthen Levee	Encroachments	WS PO	Landscaping		38.605915 ° -121.554290 °	38.605687 ° -121.554070 °	28
113	15.88	15.91	Earthen Levee	Encroachments	WS PO	Landscaping		38.605585 ° -121.553983 °	38.605273 ° -121.553663 °	27
114	15.91	15.93	Earthen Levee	Encroachments	WS PO	Landscaping		38.605265 ° -121.553647 °	38.605032 ° -121.553437 °	26
115	15.93	15.97	Earthen Levee	Encroachments	WS PO	Landscaping		38.605002 ° -121.553413 °	38.604598 ° -121.553008 °	25
116	16.09	16.10	Earthen Levee	Encroachments	WS PO	Landscaping		38.603083 ° -121.551690 °	38.602943 ° -121.551593 °	23
117	16.11	16.13	Earthen Levee	Encroachments	WS PO	Landscaping		38.602870 ° -121.551598 °	38.602617 ° -121.551330 °	22
118	16.14	16.16	Earthen Levee	Encroachments	WS PO	Landscaping		38.602517 ° -121.551248 °	38.602373 ° -121.550963 °	21

* Location LS : Landside WS : Waterside 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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.60	03/10/2011 03/10/2011	Clay Thomas

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
119	16.20	16.23	Earthen Levee	Encroachments	WS PO	Fences		38.601977 ° -121.550473 °	38.601678 ° -121.550142 °	20
120	16.30	16.33	Earthen Levee	Encroachments	WS PO	Landscaping		38.600988 ° -121.549198 °	38.600665 ° -121.548795 °	19
121	16.34	16.36	Earthen Levee	Encroachments	WS PO	Landscaping		38.600525 ° -121.548640 °	38.600397 ° -121.548447 °	18
122	16.86	16.90	Earthen Levee	Encroachments	WS CO	Fences		38.602328 ° -121.540788 °	38.602688 ° -121.540157 °	16
123	16.90	16.95	Earthen Levee	Encroachments	WS PO	Fences		38.602693 ° -121.540165 °	38.603092 ° -121.539490 °	15
124	16.97	17.00	Earthen Levee	Encroachments	WS PO	Fences		38.603242 ° -121.539318 °	38.603597 ° -121.538875 °	14
125	17.06	17.18	Earthen Levee	Encroachments	WS PO	Fences		38.604188 ° -121.538027 °	38.604890 ° -121.536105 °	13
126	17.42	17.42	Earthen Levee	Vegetation	LS M	Remove the wild growth other than native grasses from the levee slopes.		38.605490 ° -121.531868 °	38.605490 ° -121.531868 °	57
127	17.63	17.63	Earthen Levee	Encroachments	WS PO	Fences		38.605566 ° -121.528005 °	38.605566 ° -121.528005 °	24
128	17.64	17.74	Earthen Levee	Encroachments	WS PO	Fences		38.605645 ° -121.527902 °	38.605542 ° -121.526112 °	11
129	17.77	17.82	Earthen Levee	Encroachments	WS CO	Buildings		38.605482 ° -121.525492 °	38.605447 ° -121.524678 °	10
130	17.82	17.91	Earthen Levee	Encroachments	WS CO	Buildings		38.605445 ° -121.524675 °	38.605305 ° -121.522958 °	8
131	17.83	17.86	Earthen Levee	Encroachments	LS CO	Buildings		38.605420 ° -121.524375 °	38.605462 ° -121.523852 °	9
132	17.91	17.94	Earthen Levee	Encroachments	WS CO	Buildings		38.605300 ° -121.522957 °	38.605200 ° -121.522422 °	7
133	18.10	18.10	Earthen Levee	Encroachments	WS CO	Buildings		38.604788 ° -121.519720 °	38.604788 ° -121.519720 °	6
134	18.10	18.18	Earthen Levee	Encroachments	WS CO	Buildings		38.604758 ° -121.519610 °	38.604532 ° -121.518190 °	5
135	18.21	18.40	Earthen Levee	Encroachments	WS CO	Buildings		38.604515 ° -121.517635 °	38.603918 ° -121.514370 °	4

* Location LS : Landside WS : Waterside 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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.60	03/10/2011 03/10/2011	Clay Thomas

Levee Mile Report Line	3
Start Levee Mile	0.18
End Levee Mile	0.18
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Levee mile 0.18, vegetation and construction on the waterside slope.	
cathom_s_20110404_115.jpg	



Levee Mile Report Line	4
Start Levee Mile	0.18
End Levee Mile	0.18
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Levee mile 0.18, vegetation on the landside of the levee, also the new levee on the landside slope.	
cathom_s_20110404_116.jpg	



Levee Mile Report Line	5
Start Levee Mile	0.29
End Levee Mile	0.29
Location	Crown
Category	Earthen Levee
Item	Vegetation
Levee mile 0.29, this photo shows the new levee on the landside and the waterside vegetation.	
cathom_s_20110404_117.jpg	



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

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	18.60	03/10/2011 03/10/2011	Clay Thomas

Levee Mile Report Line	6
Start Levee Mile	0.48
End Levee Mile	0.61
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
2009: 15 ft berm, 2.5:1 slope, seepage, clays and silts, 4.89 ft/s [2009 SiteID:SAC_78-3_L]	
cathom_s_20110228_011.JPG	



<p>* Location</p> <p>LS : Landside WS : Waterside 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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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2011 Levee Inspection Results

Reclamation District No. 1000 Natomas

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)				
Date of Inspection	4/8/2011 - 4/8/2011			
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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DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Suite 200
Sacramento, CA 95821-9000

X _____ Date

Signature of LMA Representative

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 American River	Right	2.33	04/08/2011 04/08/2011	Clay Thomas

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.00	2.33	Earthen Levee	Encroachments	LS PO	Landscaping		38.603979 ° -121.510865 °	38.605980 ° -121.470627 °	1 Y
2	0.00	2.33	Earthen Levee	Encroachments	WS PO	Landscaping		38.603979 ° -121.510865 °	38.605980 ° -121.470627 °	2 Y
3	2.33	2.33	Earthen Levee	Vegetation	WS A	Control annual grass and weeds on the levee slopes and easements.		38.605980 ° -121.470630 °	38.605980 ° -121.470630 °	4 Y
4	2.33	2.33	Earthen Levee	Vegetation	LS A	Control annual grass and weeds on the levee slopes and easements.		38.605980 ° -121.470630 °	38.605980 ° -121.470630 °	5 Y

*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable PO : Partially Obstructing C : Corrected
M : Minimally Acceptable CO : Completely Obstructing W : Watch/Monitor
U : Unacceptable N : Not Inspected/Rated

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 American River	Right	2.33	04/08/2011 04/08/2011	Clay Thomas

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	2.33
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Land side encroachment, landscaping, levee mile 1.68.	
cathom_s_20110228_012.jpg	



Levee Mile Report Line	2
Start Levee Mile	0.00
End Levee Mile	2.33
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Water side encroachment, landscaping, levee mile 1.68.	
cathom_s_20110228_013.jpg	



Levee Mile Report Line	3
Start Levee Mile	2.33
End Levee Mile	2.33
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Levee mile 2.33, looking downstream at the vegetation on the waterside.	
cathom_s_20110411_132.jpg	



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

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 American River	Right	2.33	04/08/2011 04/08/2011	Clay Thomas

Levee Mile Report Line	4
Start Levee Mile	2.33
End Levee Mile	2.33
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Levee mile 2.33, looking downstream at the vegetation on the landside.	
cathom_s_20110411_131.jpg	



<p>* Location</p> <p>LS : Landside WS : Waterside 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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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2011 Levee Inspection Results

Reclamation District No. 1000 Natomas

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)				
Date of Inspection	3/9/2011 - 4/8/2011			
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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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. 1000 Natomas

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector			
Unit No. 03 Natomas East Canal				Right	17.17	03/09/2011 04/08/2011	Clay Thomas			
LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.05	3.44	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	38.606466 ° -121.469923 °	38.654102 ° -121.475836 °	10
2	0.07	0.13	Earthen Levee	Encroachments	LS	PO	Fences	38.606882 ° -121.469480 °	38.607523 ° -121.469033 °	7
3	0.30	0.32	Earthen Levee	Encroachments	LS	PO	Fences	38.609865 ° -121.468183 °	38.610162 ° -121.468122 °	5
4	0.53	0.57	Earthen Levee	Encroachments	LS	PO	Fences	38.613077 ° -121.468133 °	38.613700 ° -121.468263 °	4
5	0.82	0.82	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.617072 ° -121.468851 °	38.617072 ° -121.468851 °	12
6	3.05	3.10	Earthen Levee	Encroachments	LS	PO	Fences	38.648677 ° -121.474882 °	38.649412 ° -121.475005 °	3
7	5.03	5.03	Earthen Levee	Encroachments	LS	M	Debris	38.674191 ° -121.484257 °	38.674191 ° -121.484257 °	11 Y
8	5.80	5.80	Earthen Levee	Vegetation	LS	A	Control annual grass and weeds on the levee slopes and easements.	38.684844 ° -121.485526 °	38.684844 ° -121.485526 °	2 Y
9	5.80	5.80	Earthen Levee	Vegetation	WS	A	Control annual grass and weeds on the levee slopes and easements.	38.684845 ° -121.485525 °	38.684845 ° -121.485525 °	1 Y
10	15.51	16.07	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	38.816259 ° -121.522787 °	38.823314 ° -121.526942 °	9
11	16.06	16.65	Earthen Levee	Crown Surface / Depressions / Rutting	CR	C	Add appropriate gravel or road base. Grade and compact. Inspector Comments: levee rebuild, needs AB.	38.823755 ° -121.527219 °	38.825210 ° -121.536088 °	8

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

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Natomas East Canal	Right	17.17	03/09/2011 04/08/2011	Clay Thomas

Levee Mile Report Line	7
Start Levee Mile	5.03
End Levee Mile	5.03
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Levee mile 5.03, this is the landside shoulder and slope.	
cathom_s_20110411_130.jpg	



Levee Mile Report Line	8
Start Levee Mile	5.80
End Levee Mile	5.80
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Levee mile 5.80, looking downstream at the vegetation on the landside slope.	
cathom_s_20110411_128.jpg	



Levee Mile Report Line	9
Start Levee Mile	5.80
End Levee Mile	5.80
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Levee mile 5.80, looking downstream at the waterside vegetation.	
cathom_s_20110411_129.jpg	



* Location LS : Landside WS : Waterside 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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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2011 Levee Inspection Results

Reclamation District No. 1000 Natomas

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)				
Date of Inspection	3/9/2011 - 3/9/2011			
DWR Inspector	Clay Thomas			
Accompanied By				

Check one:

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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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3310 El Camino Avenue, Suite 200
Sacramento, CA 95821-9000

X _____ Date

Signature of LMA Representative

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Natomas Cross Canal	Left	4.38	03/09/2011 03/09/2011	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	Vegetation	CR	A	Control annual grass and weeds on the levee slopes and easements.	38.819956 ° -121.544905 °	38.819956 ° -121.544905 °	3 Y

* Location LS : Landside WS : Waterside 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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 1000 Natomas

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Natomas Cross Canal	Left	4.38	03/09/2011 03/09/2011	Clay Thomas

Levee Mile Report Line	1
Start Levee Mile	0.08
End Levee Mile	0.08
Location	Crown
Category	Earthen Levee
Item	Vegetation
Levee mile 0.08, looking upstream at vegetation on the levee.	
cathom_s_20110404_110.jpg	



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