

**Flood Control Project Maintenance
Levee Inspections**

Fall 2010 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

NA0001		Overall LMA Rating	Total LMA Miles				
American River Flood Control District		A	33.24				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments		
					PO Miles	CO Miles	
Vegetation	0.04		0.04	0.12%			
Encroachments	0.14		0.14	0.42%	2.13	2.43	
Animal Control	0.04		0.04	0.12%			
USACE Erosion Survey	0.11		0.11	0.33%			
<i>LMA Totals:</i>	0.33	0.00	0.33	0.99%	2.13	2.43	
Unit No. 01 Arcade Creek		Overall Unit Rating	Total Unit Miles				
		A	2.10				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments		
					PO Miles	CO Miles	
Encroachments					0.08	0.21	
Animal Control	0.01		0.01	0.48%			
<i>Unit Totals:</i>	0.01	0.00	0.01	0.48%	0.08	0.21	
Unit No. 02 Natomas E Canal		Overall Unit Rating	Total Unit Miles				
		A	3.95				
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	
Unit No. 03 American River		Overall Unit Rating	Total Unit Miles				
		A	2.78				
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	
Unit No. 04 American River		Overall Unit Rating	Total Unit Miles				
		A	10.97				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments		
					PO Miles	CO Miles	
Vegetation	0.04		0.04	0.37%			
Encroachments	0.14		0.14	1.28%	1.26	1.20	
Animal Control	0.03		0.03	0.27%			
USACE Erosion Survey	0.11		0.11	1.00%			
<i>Unit Totals:</i>	0.32	0.00	0.32	2.92%	1.26	1.20	
Unit No. 05 Sacramento River		Overall Unit Rating	Total Unit Miles				
		A	0.40				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments		
					PO Miles	CO Miles	
Encroachments					0.11		
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.11	0.00	

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Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin (cont.)

Unit No. 06 Linda Creek	Overall Unit Rating	Total Unit Miles				
	A	1.30				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
No Items					PO Miles	CO Miles
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.00	0.00
Unit No. 07 Arcade Creek	Overall Unit Rating	Total Unit Miles				
	A	1.92				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
Encroachments					0.07	0.19
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.07	0.19
Unit No. 08 Magpie Creek Diversion	Overall Unit Rating	Total Unit Miles				
	A	1.43				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
Encroachments					0.41	0.00
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.41	0.00
Unit No. 09 American River	Overall Unit Rating	Total Unit Miles				
	A	4.32				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
Encroachments					0.09	0.13
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.09	0.13
Unit No. 10 American River	Overall Unit Rating	Total Unit Miles				
	A	3.34				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
Encroachments					0.11	0.70
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.11	0.70
Unit No. 11 New Linda Creek	Overall Unit Rating	Total Unit Miles				
	A	0.73				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
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 2010 Levee Inspection Results

American River Flood Control District

	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 2010 Levee Inspection Results

American River Flood Control District

Waterway		Bank	Unit Miles
Unit No. 01 Arcade Creek		Left	2.10

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	3/30/2010		9/28/2010	
DWR Inspector	John Paasch		Clay Thomas	
Accompanied By	Richard Marck		Richard Marck	

Check one:

- During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

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

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.10	11/19/2010 11/19/2010	Clay Thomas

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.00	0.00	Earthen Levee	Closure Structures	CR	A		38.619378 ° -121.467500 °	38.619378 ° -121.467500 °	62 Y
2	0.03	0.03	Interior Drainage & Piping Systems	Culverts: Inlets / Outlets	WS	A		38.619571 ° -121.467140 °	38.619571 ° -121.467140 °	61 Y
3	0.03	0.03	Earthen Levee	Vegetation	LS	A	Remove the wild growth other than native grasses from the levee slopes.	38.619566 ° -121.467127 °	38.619566 ° -121.467127 °	2 Y
4	0.03	0.03	Earthen Levee	Vegetation	WS	A	Remove the wild growth other than native grasses from the levee slopes.	38.619566 ° -121.467127 °	38.619566 ° -121.467127 °	19 Y
5	0.40	0.40	Earthen Levee	Encroachments	WS	W	Pipe	38.622579 ° -121.461567 °	38.622579 ° -121.461567 °	60
6	0.66	0.66	Earthen Levee	Closure Structures	CR	A	Inspector Comments: Stoplog structure at Norwood Ave. bridge crossing.	38.623671 ° -121.457149 °	38.623671 ° -121.457149 °	58 Y
7	0.66	0.66	Earthen Levee	Slope Stability	LS	W	Repair the levee slope damaged by vehicle traffic and prevent access where possible.	38.623675 ° -121.457146 °	38.623675 ° -121.457146 °	59 Y
8	0.66	0.66	Earthen Levee	Slope Stability	LS	A	Repair slope instability. Inspector Comments: Slope repaired.	38.623675 ° -121.457146 °	38.623675 ° -121.457146 °	36 Y
9	0.72	0.72	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wooden privacy fence within 10-ft of levee toe.	38.623824 ° -121.456037 °	38.623824 ° -121.456037 °	43 Y
10	0.81	0.81	Earthen Levee	Slope Stability	LS	A	Repair slope instability. Inspector Comments: Slope damage repaired.	38.624305 ° -121.454510 °	38.624305 ° -121.454510 °	31 Y
11	0.81	0.81	Earthen Levee	Slope Stability	LS	C	Repair the levee slope damaged by foot traffic and prevent access where possible. Inspector Comments: Repairs made.	38.624305 ° -121.454506 °	38.624305 ° -121.454506 °	42
12	1.16	1.16	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Dog-eared wooden fence and chain link fence is built against the levee slope.	38.624832 ° -121.448607 °	38.624832 ° -121.448607 °	23
13	1.17	1.17	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Dog-eared wooden fence is built against the levee slope.	38.624850 ° -121.448428 °	38.624850 ° -121.448428 °	22
14	1.18	1.18	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Dog-eared wooden fence is built against the levee slope.	38.624877 ° -121.448248 °	38.624877 ° -121.448248 °	21
15	1.19	1.19	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Dog-eared wooden fence is built against the levee slope.	38.624900 ° -121.448037 °	38.624900 ° -121.448037 °	20 Y
16	1.26	1.26	Earthen Levee	Animal Control	CR	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.625376 ° -121.446659 °	38.625376 ° -121.446659 °	39 Y

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated C : Corrected W : Watch/Monitor
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.10	11/19/2010 11/19/2010	Clay Thomas

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
17	1.26	1.26	Earthen Levee	Encroachments	LS	CO	Buildings Inspector Comments: Cement block building within 10-ft of toe.	38.625300 ° -121.446767 °	38.625300 ° -121.446767 °	18 Y
18	1.35	1.35	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wooden privacy fence	38.625827 ° -121.445395 °	38.625827 ° -121.445395 °	17
19	1.37	1.37	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wooden privacy fence	38.626000 ° -121.444978 °	38.626000 ° -121.444978 °	16
20	1.38	1.38	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wooden privacy fence with vine on levee slope.	38.626048 ° -121.444785 °	38.626048 ° -121.444785 °	15 Y
21	1.39	1.39	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wooden privacy fence	38.626085 ° -121.444580 °	38.626085 ° -121.444580 °	14
22	1.40	1.40	Earthen Levee	Encroachments	LS	PO	Buildings Inspector Comments: Small wooden storage shed and firewood are placed along chain link fence within 10-ft of levee toe.	38.626210 ° -121.444320 °	38.626210 ° -121.444320 °	38
23	1.41	1.41	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wooden fence with barbed wire is built within 10-ft of levee toe.	38.626155 ° -121.444250 °	38.626155 ° -121.444250 °	13
24	1.42	1.42	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Dog-eared wooden fence is built near the levee slope.	38.626212 ° -121.444082 °	38.626212 ° -121.444082 °	12
25	1.43	1.43	Earthen Levee	Slope Stability	LS	C	Repair slope instability. Inspector Comments: 12" DIA hole on hinge point repaired.	38.626419 ° -121.443842 °	38.626419 ° -121.443842 °	37
26	1.43	1.43	Earthen Levee	Trim / Thin Trees	LS	A	Trim trees to at least five feet above ground level. Inspector Comments: Vegetation removed from slope.	38.626325 ° -121.443930 °	38.626325 ° -121.443930 °	26 Y
27	1.43	1.43	Earthen Levee	Encroachments	LS	C	Landscaping Inspector Comments: Brush near apartment mattresses.	38.626325 ° -121.443928 °	38.626325 ° -121.443928 °	11
28	1.52	1.52	Earthen Levee	Trim / Thin Trees	LS	N	Tree stumps. Inspector Comments: 5 stumps 14 to 30 Inches in diameter.	38.627224 ° -121.442515 °	38.627224 ° -121.442515 °	56 Y
29	1.54	1.54	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Bushes and trees along chain link fence block access and visibility.	38.627281 ° -121.442203 °	38.627281 ° -121.442203 °	35 Y
30	1.55	1.55	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Bushes and trees obstruct visibility.	38.627267 ° -121.442138 °	38.627267 ° -121.442138 °	10 Y
31	1.56	1.56	Interior Drainage & Piping Systems	Culverts: Inlets / Outlets	WS	A		38.627275 ° -121.441604 °	38.627275 ° -121.441604 °	55

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American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.10	11/19/2010 11/19/2010	Clay Thomas

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
32	1.58	1.58	Earthen Levee	Slope Stability	LS	W	Repair the levee slope damaged by foot traffic and prevent access where possible.	38.627251 ° -121.441460 °	38.627251 ° -121.441460 °	54 Y
33	1.69	1.69	Earthen Levee	Trim / Thin Trees	WS	N	Tree stumps. Inspector Comments: Tree stump >2" with new growth.	38.627592 ° -121.439528 °	38.627592 ° -121.439528 °	53 Y
34	1.78	1.78	Interior Drainage & Piping Systems	Culverts: Inlets / Outlets	WS	A		38.627927 ° -121.437956 °	38.627927 ° -121.437956 °	51
35	1.82	1.82	Earthen Levee	Encroachments	LS	CO	Buildings Inspector Comments: Wooden animal pen is built against levee slope.	38.627915 ° -121.437246 °	38.627915 ° -121.437246 °	33
36	1.83	1.83	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Dog-eared wooden fence is built near the levee slope and has partially fallen. Bushes are overgrown. Fence has fallen over.	38.627880 ° -121.437368 °	38.627880 ° -121.437368 °	9
37	1.85	1.85	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Grape vine and brush obstruct visibility.	38.627893 ° -121.436694 °	38.627893 ° -121.436694 °	32
38	1.87	1.87	Earthen Levee	Encroachments	LS	CO	Landscaping Inspector Comments: Ivy, trees and other landscaping growing on a wooden privacy fence are obstructing visibility.	38.627827 ° -121.436633 °	38.627827 ° -121.436633 °	8
39	1.88	1.88	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Metal sided shelter, blackberries and cherry trees are obstructive.	38.627837 ° -121.436393 °	38.627837 ° -121.436393 °	7
40	1.92	1.92	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Dog-eared wooden fence is built within 10-ft of the levee slope.	38.627725 ° -121.435715 °	38.627725 ° -121.435715 °	6
41	1.93	1.93	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Dog-eared wooden fence is built against the levee slope.	38.627680 ° -121.435555 °	38.627680 ° -121.435555 °	5
42	1.94	1.94	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wooden fence and landscaping completely block visibility.	38.627640 ° -121.435378 °	38.627640 ° -121.435378 °	4
43	1.95	1.95	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Dog-eared wooden fence is built against the levee slope.	38.627595 ° -121.435218 °	38.627595 ° -121.435218 °	3 Y
44	1.95	1.95	Earthen Levee	Encroachments	LS	CO	Buildings Inspector Comments: Concrete pad and wooden frame structure is being built within 10-ft of levee toe.	38.627589 ° -121.434900 °	38.627589 ° -121.434900 °	30

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Levee Inspections**

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American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.10	11/19/2010 11/19/2010	Clay Thomas

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
45	1.96	1.96	Interior Drainage & Piping Systems	Culverts: Inlets / Outlets	WS	A		38.627566 ° -121.434794 °	38.627566 ° -121.434794 °	25
46	1.96	1.96	Earthen Levee	Slope Stability	LS	C	Repair the levee slope damaged by foot traffic and prevent access where possible.	38.627561 ° -121.434791 °	38.627561 ° -121.434791 °	34
47	1.96	1.96	Earthen Levee	Slope Stability	LS	A	Inspector Comments: Erosion site repaired.	38.627561 ° -121.434791 °	38.627561 ° -121.434791 °	24 Y
48	2.00	2.00	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Vine growing on fence and slope blocks visibility.	38.627318 ° -121.434208 °	38.627318 ° -121.434208 °	1
49	2.03	2.03	Earthen Levee	Encroachments	LS	CO	Buildings Inspector Comments: Two-story home foundation is within 10-ft of levee toe. Chain link fence is built on levee toe.	38.627279 ° -121.433482 °	38.627279 ° -121.433482 °	29
50	2.05	2.05	Earthen Levee	Encroachments	LS	CO	Buildings Inspector Comments: Large wooden building behind corrugated metal covered fence is within 10-ft of levee toe.	38.627249 ° -121.433115 °	38.627249 ° -121.433115 °	28
51	2.07	2.07	Earthen Levee	Encroachments	LS	PO	Buildings Inspector Comments: Pre-fab storage shed is within 10-ft of landside toe.	38.627237 ° -121.432746 °	38.627237 ° -121.432746 °	27

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated C : Corrected W : Watch/Monitor
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Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.10	11/19/2010 11/19/2010	Clay Thomas

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Crown
Category	Earthen Levee
Item	Closure Structures
Stop log structure at start of unit.	
cathom_f_20100928_069.jpg	



Levee Mile Report Line	2
Start Levee Mile	0.03
End Levee Mile	0.03
Location	Water Side
Category	Interior Drainage & Piping Systems
Item	Culverts: Inlets / Outlets
One of several drainage outlets to Arcade Creek at this location.	
cathom_f_20100928_068.jpg	



Levee Mile Report Line	3
Start Levee Mile	0.03
End Levee Mile	0.03
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Levee mile 0.00, land side vegetation.	
cathom_f_20101122_214.jpg	



<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated</p>	<p>C : Corrected W : Watch/Monitor</p>
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.10	11/19/2010 11/19/2010	Clay Thomas

Levee Mile Report Line	4
Start Levee Mile	0.03
End Levee Mile	0.03
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Levee mile 0.00, water side vegetation.	
cathom_f_20101122_215.jpg	



Levee Mile Report Line	6
Start Levee Mile	0.66
End Levee Mile	0.66
Location	Crown
Category	Earthen Levee
Item	Closure Structures
Stoplog structure at Norwood Ave. bridge crossing.	
cathom_f_20100928_066.jpg	



Levee Mile Report Line	7
Start Levee Mile	0.66
End Levee Mile	0.66
Location	Land Side
Category	Earthen Levee
Item	Slope Stability
Slope erosion due in part to foot traffic needs to be monitored. Repair will be needed if condition worsens.	
cathom_f_20100928_067.jpg	



<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated</p>	<p>C : Corrected W : Watch/Monitor</p>
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.10	11/19/2010 11/19/2010	Clay Thomas

Levee Mile Report Line	8
Start Levee Mile	0.66
End Levee Mile	0.66
Location	Land Side
Category	Earthen Levee
Item	Slope Stability
Levee mile 0.66, slope repaired.	
cathom_f_20101122_219.jpg	



Levee Mile Report Line	9
Start Levee Mile	0.72
End Levee Mile	0.72
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Fall 2009 photo: Wooden fence within 10-ft of levee toe obstructs visibility.	
cathom_f_20100928_062.jpg	



Levee Mile Report Line	10
Start Levee Mile	0.81
End Levee Mile	0.81
Location	Land Side
Category	Earthen Levee
Item	Slope Stability
Levee mile 0.81, slope repair.	
cathom_f_20101122_218.jpg	



<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated</p>	<p>C : Corrected W : Watch/Monitor</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.10	11/19/2010 11/19/2010	Clay Thomas

Levee Mile Report Line	15
Start Levee Mile	1.19
End Levee Mile	1.19
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Photo of solid fences built against the levee slope.

cathom_f_20100928_056.jpg



Levee Mile Report Line	16
Start Levee Mile	1.26
End Levee Mile	1.26
Location	Crown
Category	Earthen Levee
Item	Animal Control

Rodent burrows on levee crown.

cathom_f_20100928_060.jpg



Levee Mile Report Line	17
Start Levee Mile	1.26
End Levee Mile	1.26
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Fall 2009 photo: Buildings and fence near levee toe.

cathom_f_20100928_055.jpg



<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated</p>	<p>C : Corrected W : Watch/Monitor</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.10	11/19/2010 11/19/2010	Clay Thomas

Levee Mile Report Line	20
Start Levee Mile	1.38
End Levee Mile	1.38
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Fall 2009 photo: Wooden and wire fence are within 10-ft of levee toe.	
cathom_f_20100928_054.jpg	



Levee Mile Report Line	26
Start Levee Mile	1.43
End Levee Mile	1.43
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
Vegetation removed from slope.	
cathom_f_20101122_217.jpg	



Levee Mile Report Line	28
Start Levee Mile	1.52
End Levee Mile	1.52
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
Several large stumps on levee slope.	
cathom_f_20100928_065.jpg	



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated	C : Corrected W : Watch/Monitor
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.10	11/19/2010 11/19/2010	Clay Thomas

Levee Mile Report Line	29
Start Levee Mile	1.54
End Levee Mile	1.54
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Fall 2009 photo:Vegetation obstructing visibility near levee slope.	
cathom_f_20100928_058.jpg	



Levee Mile Report Line	30
Start Levee Mile	1.55
End Levee Mile	1.55
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Fall 2009 photo: Photinias and other plants planted near levee toe.	
cathom_f_20100928_052.jpg	



Levee Mile Report Line	32
Start Levee Mile	1.58
End Levee Mile	1.58
Location	Land Side
Category	Earthen Levee
Item	Slope Stability
Slope stability due to foot traffic needs to be monitored.	
cathom_f_20100928_064.jpg	



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.10	11/19/2010 11/19/2010	Clay Thomas

Levee Mile Report Line	33
Start Levee Mile	1.69
End Levee Mile	1.69
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees
Tree stump with some new growth.	
cathom_f_20100928_063.jpg	



Levee Mile Report Line	43
Start Levee Mile	1.95
End Levee Mile	1.95
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Fall 2009 photo: Wooden fence built on levee slope.	
cathom_f_20100928_051.jpg	



Levee Mile Report Line	47
Start Levee Mile	1.96
End Levee Mile	1.96
Location	Land Side
Category	Earthen Levee
Item	Slope Stability
Levee mile 1.96, slope stability repaired.	
cathom_f_20101122_216.jpg	



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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2010 Levee Inspection Results

American River Flood Control District

Waterway		Bank	Unit Miles
Unit No. 02 Natomas E Canal		Left	3.95

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	3/23/2010		9/28/2010	
DWR Inspector	John Paasch		Clay Thomas	
Accompanied By	Richard Marck ARFCD		Richard Marck ARFCD	

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).

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 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.95	11/17/2010 11/19/2010	Clay Thomas

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.51	0.51	Interior Drainage & Piping Systems	Culverts: Inlets / Outlets	LS	A	Inspector Comments: 36" drainage outlet	38.608882 ° -121.466857 °	38.608882 ° -121.466857 °	8 Y
2	0.77	0.77	Earthen Levee	Encroachments	CR	W	Pipe Inspector Comments: Manhole access to pipes on hinge point.	38.612234 ° -121.466633 °	38.612234 ° -121.466633 °	7
3	2.21	2.21	Earthen Levee	Erosion / Bank Caving	LS	A	Note and monitor erosion site. Inspector Comments: Erosion site has been repaired.	38.632769 ° -121.470228 °	38.632769 ° -121.470228 °	6 Y
4	2.21	2.21	Earthen Levee	Erosion / Bank Caving	LS	C	Note and monitor erosion site.	38.632843 ° -121.470245 °	38.632843 ° -121.470245 °	5
5	2.79	2.79	Interior Drainage & Piping Systems	Culverts: Inlets / Outlets	WS	A	Inspector Comments: Pump plant inspection done separately.	38.640973 ° -121.471785 °	38.640973 ° -121.471785 °	4
6	3.65	3.65	Earthen Levee	Erosion / Bank Caving	LS	W	Note and monitor erosion site.	38.653166 ° -121.474108 °	38.653166 ° -121.474108 °	1
7	3.90	3.90	Earthen Levee	Vegetation	LS	A	Remove the wild growth other than native grasses from the levee slopes.	38.656854 ° -121.474825 °	38.656854 ° -121.474825 °	2 Y
8	3.90	3.90	Earthen Levee	Vegetation	WS	A	Remove the wild growth other than native grasses from the levee slopes.	38.656854 ° -121.474824 °	38.656854 ° -121.474824 °	3 Y

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated C : Corrected W : Watch/Monitor
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.95	11/17/2010 11/19/2010	Clay Thomas

Levee Mile Report Line	1
Start Levee Mile	0.51
End Levee Mile	0.51
Location	Land Side
Category	Interior Drainage & Piping Systems
Item	Culverts: Inlets / Outlets
36" drainage outlet with functional flap gate.	
cathom_f_20100928_071.jpg	



Levee Mile Report Line	3
Start Levee Mile	2.21
End Levee Mile	2.21
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Levee mile 2.21, erosion repair site.	
cathom_f_20101122_211.jpg	



Levee Mile Report Line	7
Start Levee Mile	3.90
End Levee Mile	3.90
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Levee mile 3.93, land side vegetation.	
cathom_f_20101122_209.jpg	



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.95	11/17/2010 11/19/2010	Clay Thomas

Levee Mile Report Line	8
Start Levee Mile	3.90
End Levee Mile	3.90
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Levee mile 3.93, water side vegetation.	
cathom_f_20101122_210.jpg	



<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated</p>	<p>C : Corrected W : Watch/Monitor</p>
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2010 Levee Inspection Results

American River Flood Control District

Waterway		Bank	Unit Miles
Unit No. 03 American River		Right	2.78

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	3/30/2010		9/28/2010	
DWR Inspector	John Paasch		Clay Thomas	
Accompanied By	Richard Marck ARFCD		Richard Marck ARFCD	

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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 DWR Summer/Winter Inspection Reports
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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 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.78	11/23/2010 11/23/2010	Clay Thomas

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.76	0.76	Earthen Levee	Trim / Thin Trees	LS	N	Tree stumps. Inspector Comments: Tree stump >2" Dia.	38.589447 ° -121.431230 °	38.589447 ° -121.431230 °	11 Y
2	1.52	1.52	Interior Drainage & Piping Systems	Culverts: Inlets / Outlets	LS	A	Inspector Comments: Cal Expo discharge	38.593068 ° -121.444106 °	38.593068 ° -121.444106 °	10 Y
3	1.80	1.80	Earthen Levee	Slope Stability	LS	W	Repair the levee slope damaged by foot traffic and prevent access where possible.	38.595700 ° -121.448198 °	38.595700 ° -121.448198 °	9 Y
4	2.32	2.32	Interior Drainage & Piping Systems	Culverts: Inlets / Outlets	WS	A	Inspector Comments: Drainage outfall	38.595732 ° -121.457645 °	38.595732 ° -121.457645 °	8 Y
5	2.60	2.60	Earthen Levee	Encroachments	CR	W	Pipe Inspector Comments: Access on landside crown	38.594550 ° -121.462505 °	38.594550 ° -121.462505 °	7
6	2.87	2.87	Earthen Levee	Encroachments	CR	W	Pipe Inspector Comments: Access to valve on crown.	38.596013 ° -121.467047 °	38.596013 ° -121.467047 °	6
7	3.13	3.13	Earthen Levee	Closure Structures	CR	A		38.598914 ° -121.470267 °	38.598914 ° -121.470267 °	5 Y
8	3.25	3.25	Earthen Levee	Closure Structures	CR	A		38.599447 ° -121.471341 °	38.599447 ° -121.471341 °	4 Y
9	3.26	3.26	Earthen Levee	Encroachments	CR	A	Pipe	38.601015 ° -121.471705 °	38.601015 ° -121.471705 °	3
10	3.34	3.34	Earthen Levee	Vegetation	LS	A	Remove the wild growth other than native grasses from the levee slopes.	38.602133 ° -121.472559 °	38.602133 ° -121.472559 °	1 Y
11	3.35	3.35	Earthen Levee	Vegetation	WS	A	Remove the wild growth other than native grasses from the levee slopes.	38.602134 ° -121.472558 °	38.602134 ° -121.472558 °	2 Y

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated C : Corrected W : Watch/Monitor
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.78	11/23/2010 11/23/2010	Clay Thomas

Levee Mile Report Line	1
Start Levee Mile	0.76
End Levee Mile	0.76
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
Tree stump on levee slope greater than 2" Dia.	
cathom_f_20100928_078.jpg	



Levee Mile Report Line	2
Start Levee Mile	1.52
End Levee Mile	1.52
Location	Land Side
Category	Interior Drainage & Piping Systems
Item	Culverts: Inlets / Outlets
Drainage pump plant at Cal Expo.	
cathom_f_20100928_076.jpg	



Levee Mile Report Line	2
Start Levee Mile	1.52
End Levee Mile	1.52
Location	Land Side
Category	Interior Drainage & Piping Systems
Item	Culverts: Inlets / Outlets
Drainage discharge to American River.	
cathom_f_20100928_077.jpg	



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.78	11/23/2010 11/23/2010	Clay Thomas

Levee Mile Report Line	3
Start Levee Mile	1.80
End Levee Mile	1.80
Location	Land Side
Category	Earthen Levee
Item	Slope Stability
Slope needs to be monitored due to heavy foot traffic.	
cathom_f_20100928_075.jpg	



Levee Mile Report Line	4
Start Levee Mile	2.32
End Levee Mile	2.32
Location	Water Side
Category	Interior Drainage & Piping Systems
Item	Culverts: Inlets / Outlets
Drainage outfall to American River.	
cathom_f_20100928_074.jpg	



Levee Mile Report Line	7
Start Levee Mile	3.13
End Levee Mile	3.13
Location	Crown
Category	Earthen Levee
Item	Closure Structures
Stoplog closure structure at RR near Del Paso Blvd.	
cathom_f_20100928_073.jpg	



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.78	11/23/2010 11/23/2010	Clay Thomas

Levee Mile Report Line	8
Start Levee Mile	3.25
End Levee Mile	3.25
Location	Crown
Category	Earthen Levee
Item	Closure Structures
Closure structure crossing Del Paso Blvd.	
cathom_f_20100928_072.jpg	



Levee Mile Report Line	10
Start Levee Mile	3.34
End Levee Mile	3.34
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Levee mile 3.34, land side vegetation.	
cathom_f_20101129_228.jpg	



Levee Mile Report Line	11
Start Levee Mile	3.35
End Levee Mile	3.35
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Levee mile 3.34, water side vegetation.	
cathom_f_20101129_229.jpg	



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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2010 Levee Inspection Results

American River Flood Control District

Waterway	Bank	Unit Miles
Unit No. 04 American River	Left	10.97

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	3/30/2010		9/28/2010	
DWR Inspector	John Paasch		Clay Thomas	
Accompanied By	Richard Marck ARFCD		Richard Marck ARFCD	

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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 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	11/23/2010 11/23/2010	Clay Thomas

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.02	0.02	Earthen Levee	Vegetation	LS	A	Remove the wild growth other than native grasses from the levee slopes.	38.596793 ° -121.506768 °	38.596793 ° -121.506768 °	67 Y
2	0.02	0.02	Earthen Levee	Vegetation	WS	A	Remove the wild growth other than native grasses from the levee slopes.	38.596793 ° -121.506770 °	38.596793 ° -121.506770 °	172 Y
3	0.23	0.23	Earthen Levee	Encroachments	CR	PO	Landscaping Inspector Comments: Landscaping on levee crown at overpass.	38.598980 ° -121.504773 °	38.598980 ° -121.504773 °	177
4	0.31	0.47	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Vines and privacy fence within 10-ft of the landside toe or on the levee slope obstruct visibility and access.	38.599835 ° -121.503448 °	38.600762 ° -121.500833 °	1
5	0.41	0.41	Earthen Levee	Encroachments	CR	W	Pipe Inspector Comments: Abandoned pipe in levee	38.600360 ° -121.501910 °	38.600360 ° -121.501910 °	242
6	0.93	0.93	Interior Drainage & Piping Systems	Culverts: Inlets / Outlets	WS	A	Inspector Comments: Three pumps and pipe discharge storm water to American River.	38.601675 ° -121.492762 °	38.601675 ° -121.492762 °	243 Y
7	0.94	0.94	Earthen Levee	Encroachments	CR	W	Pipe Inspector Comments: Printing shop discharge.	38.601642 ° -121.492620 °	38.601642 ° -121.492620 °	244 Y
8	2.42	2.42	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	38.590430 ° -121.471750 °	38.590430 ° -121.471750 °	245
9	2.45	2.45	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	38.590094 ° -121.471241 °	38.590094 ° -121.471241 °	184
10	2.68	2.68	Earthen Levee	Encroachments	LS	CO	Buildings Inspector Comments: Bell Marine	38.588913 ° -121.467210 °	38.588913 ° -121.467210 °	2
11	2.73	2.86	Earthen Levee	Encroachments	LS	M	Equipment Inspector Comments: Bell Marine, LMA sent a letter to property owner for the violation.	38.587939 ° -121.466635 °	38.587299 ° -121.464320 °	3
12	2.75	2.75	Earthen Levee	Vegetation	CR	M	Elderberries are blocking visibility and flood fight capability.	38.587778 ° -121.466313 °	38.587778 ° -121.466313 °	247
13	2.84	2.84	Earthen Levee	Encroachments	WS	M	Debris Inspector Comments: Bell Marine. LMA sent a letter to the property owner for this violation.	38.587272 ° -121.464768 °	38.587272 ° -121.464768 °	4
14	2.86	2.86	Earthen Levee	Vegetation	WS	M	Elderberries are blocking visibility and flood fight capability.	38.587293 ° -121.464338 °	38.587293 ° -121.464338 °	248
15	2.92	2.96	Earthen Levee	Encroachments	LS	CO	Buildings Inspector Comments: City of Sacramento building.	38.587251 ° -121.463237 °	38.587318 ° -121.462513 °	5
16	3.73	3.73	Earthen Levee	Encroachments	CR	W	Pipe	38.587723 ° -121.449595 °	38.587723 ° -121.449595 °	250

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated C : Corrected W : Watch/Monitor
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	11/23/2010 11/23/2010	Clay Thomas

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
17	3.88	3.88	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Bamboo privacy fence within 10-ft of the landside toe obstructs visibility.	38.586327 ° -121.447373 °	38.586327 ° -121.447373 °	8 Y
18	3.90	3.90	Earthen Levee	Encroachments	LS	CO	Landscaping Inspector Comments: Overgrown landscaping within 10-ft of the levee toe obstructs access and visibility.	38.586154 ° -121.447116 °	38.586154 ° -121.447116 °	7
19	3.90	3.90	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Privacy fence within 10-ft of the landside toe obstructs visibility.	38.586154 ° -121.447115 °	38.586154 ° -121.447115 °	6
20	3.91	3.91	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wooden privacy fence on the levee slope obstructs access and visibility.	38.586047 ° -121.446975 °	38.586047 ° -121.446975 °	9
21	3.91	3.91	Earthen Levee	Encroachments	CR	A	Pipe Inspector Comments: Drainage outfall	38.585988 ° -121.446963 °	38.585988 ° -121.446963 °	252
22	3.94	3.94	Earthen Levee	Encroachments	LS	CO	Landscaping Inspector Comments: Landscaping and privacy fence obstruct access and visibility within 10-ft of the levee toe.	38.585761 ° -121.446622 °	38.585761 ° -121.446622 °	10
23	3.95	3.95	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.	38.585639 ° -121.446451 °	38.585639 ° -121.446451 °	11
24	3.97	3.97	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.	38.585455 ° -121.446225 °	38.585455 ° -121.446225 °	12
25	3.98	3.98	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Pink cement block fence obstructs access and visibility.	38.585325 ° -121.446059 °	38.585325 ° -121.446059 °	13
26	4.00	4.00	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Privacy fence and helix pencil shrubs planted within 10-ft of the levee toe obstruct access and visibility.	38.585175 ° -121.445883 °	38.585175 ° -121.445883 °	14
27	4.01	4.01	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Privacy fence and evergreen shrub landscaping within 10-ft of the levee toe obstruct access and visibility.	38.585021 ° -121.445678 °	38.585021 ° -121.445678 °	15
28	4.02	4.02	Earthen Levee	Encroachments	LS	CO	Landscaping Inspector Comments: Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.	38.584885 ° -121.445520 °	38.584885 ° -121.445520 °	16
29	4.03	4.03	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Privacy fence and maple tree landscaping within 10-ft of the levee toe obstruct access and visibility.	38.584810 ° -121.445403 °	38.584810 ° -121.445403 °	17

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated	C : Corrected W : Watch/Monitor
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	11/23/2010 11/23/2010	Clay Thomas

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
30	4.04	4.04	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wooden fence between orange trees is within 10-ft of the levee toe.	38.584694 ° -121.445255 °	38.584694 ° -121.445255 °	18
31	4.07	4.07	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Privacy fence within 10-ft of the levee toe obstruct access and visibility.	38.584459 ° -121.444951 °	38.584459 ° -121.444951 °	19
32	4.08	4.08	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Landscaping on cyclone fence within 10-ft of levee toe obstructs access and visibility.	38.584354 ° -121.444792 °	38.584354 ° -121.444792 °	186 Y
33	4.09	4.09	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Privacy fence and shed within 10-ft of the levee toe obstruct access and visibility.	38.584243 ° -121.444647 °	38.584243 ° -121.444647 °	20
34	4.10	4.10	Earthen Levee	Encroachments	LS	CO	Landscaping Inspector Comments: Palms and other landscaping on levee slope, as well as the wooden privacy fence within 10-ft of the levee toe obstruct access and visibility.	38.584129 ° -121.444485 °	38.584129 ° -121.444485 °	21
35	4.11	4.11	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Cement block and wooden fence as well as the landscape planting are within 10-ft of the levee slope and obstruct access and visibility.	38.584034 ° -121.444322 °	38.584034 ° -121.444322 °	22
36	4.12	4.12	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Cement block and wooden fence obstruct visibility.	38.583935 ° -121.444150 °	38.583935 ° -121.444150 °	23
37	4.14	4.14	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Orange, olive and other trees and landscaping obstruct access and visibility.	38.583841 ° -121.443977 °	38.583841 ° -121.443977 °	187
38	4.15	4.15	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Cement block fence with iron top built into levee slope. Landscaping within 10-ft of the levee toe obstruct access and visibility.	38.583749 ° -121.443820 °	38.583749 ° -121.443820 °	188
39	4.16	4.16	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Retaining wall is built into the levee slope. Steps, rail and landscaping on the levee slope.	38.583652 ° -121.443640 °	38.583652 ° -121.443640 °	189
40	4.17	4.17	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Planter boxes built into levee slope. Wooden fence obstructs visibility. Pool is just outside 10-ft from levee toe.	38.583559 ° -121.443485 °	38.583559 ° -121.443485 °	190
41	4.19	4.19	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Wooden privacy fence within 10-ft of the levee toe obstruct access and visibility.	38.583355 ° -121.443123 °	38.583355 ° -121.443123 °	191
42	4.21	4.21	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Wooden privacy fence obstructs visibility. Retaining wall built into levee toe.	38.583265 ° -121.442965 °	38.583265 ° -121.442965 °	24

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	11/23/2010 11/23/2010	Clay Thomas

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
43	4.23	4.23	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Ivy and vine growth on cyclone fence obstruct visibility. Steps and landscaping built up levee slope.	38.583031 ° -121.442620 °	38.583031 ° -121.442620 °	192
44	4.25	4.25	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Landscaping on chain link fence partially obstructs visibility.	38.582824 ° -121.442298 °	38.582824 ° -121.442298 °	193
45	4.27	4.27	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Planting boxes built into levee slope.	38.582716 ° -121.442128 °	38.582716 ° -121.442128 °	194
46	4.28	4.28	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Garden planted on levee slope.	38.582802 ° -121.442387 °	38.582802 ° -121.442387 °	25
47	4.29	4.29	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Wooden fence within 10-ft of the levee toe. Garden and ramp built on levee slope.	38.582479 ° -121.441768 °	38.582479 ° -121.441768 °	26
48	4.31	4.31	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Landscaping planted on levee slope.	38.582333 ° -121.441506 °	38.582333 ° -121.441506 °	195
49	4.33	4.33	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Wooden privacy fence obstructs visibility.	38.582223 ° -121.441264 °	38.582223 ° -121.441264 °	27
50	4.33	4.33	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Cement block fence obstructs access and visibility.	38.582186 ° -121.441160 °	38.582186 ° -121.441160 °	28
51	4.35	4.35	Earthen Levee	Encroachments	LS	CO	Landscaping Inspector Comments: Large flowering bush on levee slope. Wooden fence located at the levee toe obstructs access and visibility.	38.582083 ° -121.440875 °	38.582083 ° -121.440875 °	29
52	4.37	4.37	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Picket fence on retaining wall within 10-ft of levee slope obstructs visibility.	38.581937 ° -121.440479 °	38.581937 ° -121.440479 °	196
53	4.38	4.38	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Privet planted within 10-ft of the levee toe.	38.581863 ° -121.440292 °	38.581863 ° -121.440292 °	197
54	4.40	4.40	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.	38.581788 ° -121.440086 °	38.581788 ° -121.440086 °	198
55	4.41	4.41	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.	38.581724 ° -121.439891 °	38.581724 ° -121.439891 °	30
56	4.45	4.45	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Privacy fence and within 10-ft of the levee toe obstruct access and visibility.	38.581495 ° -121.439129 °	38.581495 ° -121.439129 °	31

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	11/23/2010 11/23/2010	Clay Thomas

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
57	4.48	4.48	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: No fence. Landscaping obstructs access and visibility.	38.581401 ° -121.438708 °	38.581401 ° -121.438708 °	32
58	4.49	4.49	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Large photinia obstructs visibility.	38.581359 ° -121.438524 °	38.581359 ° -121.438524 °	33
59	4.50	4.50	Earthen Levee	Vegetation	WS	M	Elderberries are blocking visibility and flood fight capability.	38.581320 ° -121.438263 °	38.581320 ° -121.438263 °	253
60	4.51	4.51	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Landscaping on levee slope obstructs visibility.	38.581282 ° -121.438169 °	38.581282 ° -121.438169 °	34
61	4.51	4.51	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Wooden fence within 10-ft of the levee toe obstructs access and visibility.	38.581237 ° -121.437978 °	38.581237 ° -121.437978 °	35
62	4.53	4.53	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Wooden fence is within 10-ft of the levee toe.	38.581205 ° -121.437830 °	38.581205 ° -121.437830 °	199
63	4.54	4.54	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Privacy fence, persimmon tree and landscaping within 10-ft of the levee toe obstruct access and visibility.	38.581178 ° -121.437584 °	38.581178 ° -121.437584 °	200
64	4.55	4.55	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Privacy fence within 10-ft of the levee toe obstruct access and visibility.	38.581155 ° -121.437320 °	38.581155 ° -121.437320 °	201
65	4.57	4.57	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Privacy fence near pump station limits access and visibility.	38.581153 ° -121.437079 °	38.581153 ° -121.437079 °	36
66	4.58	4.58	Interior Drainage & Piping Systems	Culverts: Inlets / Outlets	WS	A	Inspector Comments: Sump 10	38.581120 ° -121.436918 °	38.581120 ° -121.436918 °	254 Y
67	4.65	4.65	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Trees and vines on the levee toe obstruct visibility.	38.580944 ° -121.435651 °	38.580944 ° -121.435651 °	37
68	4.67	4.67	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Landscape planting within 10-ft of the landside toe against 3-ft wooden slat fence.	38.580910 ° -121.435324 °	38.580910 ° -121.435324 °	38
69	4.69	4.69	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.	38.580840 ° -121.434901 °	38.580840 ° -121.434901 °	39
70	4.71	4.71	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	38.580951 ° -121.434546 °	38.580951 ° -121.434546 °	221

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	11/23/2010 11/23/2010	Clay Thomas

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
71	4.72	4.72	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	38.580766 ° -121.434420 °	38.580766 ° -121.434420 °	202
72	4.73	4.73	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Privacy fence within 10-ft of the levee toe obstruct access and visibility.	38.580759 ° -121.434294 °	38.580759 ° -121.434294 °	40
73	4.74	4.74	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.	38.580753 ° -121.434077 °	38.580753 ° -121.434077 °	41
74	4.75	4.75	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Privacy fence within 10-ft of the levee toe obstruct access and visibility.	38.580741 ° -121.433899 °	38.580741 ° -121.433899 °	42
75	4.77	4.77	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Privacy fence and storage sheds within 10-ft of the levee toe obstruct access and visibility.	38.580731 ° -121.433490 °	38.580731 ° -121.433490 °	43
76	4.79	4.79	Earthen Levee	Encroachments	LS	A	Material Inspector Comments: Cinderblocks on levee toe limit access. Material has been removed.	38.580724 ° -121.433122 °	38.580724 ° -121.433122 °	203
77	4.81	4.81	Earthen Levee	Encroachments	LS	C	Landscaping Inspector Comments: Ivy along toe obstructs visibility.	38.580723 ° -121.432823 °	38.580723 ° -121.432823 °	204
78	4.82	4.82	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Privacy fence and landscape prunings on levee slope and toe. prunings removed.	38.580723 ° -121.432577 °	38.580723 ° -121.432577 °	205
79	4.85	4.85	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Lemon tree and vines obstruct visibility.	38.580747 ° -121.432039 °	38.580747 ° -121.432039 °	44
80	4.87	4.87	Earthen Levee	Encroachments	LS	CO	Landscaping Inspector Comments: Fig tree obstructs visibility and access.	38.580778 ° -121.431704 °	38.580778 ° -121.431704 °	206
81	4.90	4.90	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Garden activities obstruct visibility within 10-ft of the levee toe.	38.580809 ° -121.431274 °	38.580809 ° -121.431274 °	207
82	4.93	4.93	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Wooden fence with bracing obstructs access and visibility.	38.580846 ° -121.430699 °	38.580846 ° -121.430699 °	45 Y
83	5.08	5.08	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.	38.581001 ° -121.427854 °	38.581001 ° -121.427854 °	46
84	5.13	5.13	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.	38.580913 ° -121.427119 °	38.580913 ° -121.427119 °	208

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	11/23/2010 11/23/2010	Clay Thomas

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
85	5.15	5.15	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Chain link fence, helix sky pencil, and landscaping within 10-ft of the levee toe obstruct access and visibility.	38.580773 ° -121.426691 °	38.580773 ° -121.426691 °	47
86	5.17	5.17	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wood privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.	38.580622 ° -121.426372 °	38.580622 ° -121.426372 °	48
87	5.45	5.45	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Wood privacy fence within 10-ft of the levee toe obstruct access and visibility.	38.577589 ° -121.423350 °	38.577589 ° -121.423350 °	49
88	5.50	5.50	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Oleanders within 10-ft of the levee toe obstruct access and visibility.	38.576883 ° -121.423216 °	38.576883 ° -121.423216 °	209
89	5.56	5.56	Earthen Levee	Encroachments	LS	CO	Landscaping Inspector Comments: Levee slope is heavily landscaped.	38.576153 ° -121.423134 °	38.576153 ° -121.423134 °	50
90	5.57	5.57	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Landscaping at levee toe obstructs visibility.	38.575903 ° -121.423122 °	38.575903 ° -121.423122 °	51
91	5.61	5.61	Earthen Levee	Encroachments	LS	CO	Landscaping Inspector Comments: Helix sky pencil trees within 10-ft of the levee toe obstruct visibility and access.	38.575379 ° -121.423201 °	38.575379 ° -121.423201 °	52
92	5.63	5.63	Earthen Levee	Encroachments	LS	CO	Landscaping Inspector Comments: Wood privacy fence, helix sky pencil, vines and landscaping within 10-ft of the levee toe obstruct access and visibility. Cement stars up levee slope.	38.575250 ° -121.423240 °	38.575250 ° -121.423240 °	53
93	5.64	5.64	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Wood privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.	38.575093 ° -121.423263 °	38.575093 ° -121.423263 °	54
94	5.65	5.65	Earthen Levee	Animal Control	WS	C	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows. Inspector Comments: Rodent activity is evident.	38.574780 ° -121.423052 °	38.574780 ° -121.423052 °	216
95	5.66	5.66	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Wood privacy fence within 10-ft of the levee toe obstructs visibility.	38.574837 ° -121.423297 °	38.574837 ° -121.423297 °	55
96	5.67	5.67	Earthen Levee	Encroachments	LS	CO	Buildings Inspector Comments: Cement block building on levee slope obstructs access.	38.574648 ° -121.423348 °	38.574648 ° -121.423348 °	56
97	5.72	5.72	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wood privacy fence with ivy obstructs visibility.	38.573927 ° -121.423480 °	38.573927 ° -121.423480 °	57

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	11/23/2010 11/23/2010	Clay Thomas

LWR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
98	5.75	5.75	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Garden built on levee slope.	38.573547 ° -121.423583 °	38.573547 ° -121.423583 °	58
99	5.76	5.76	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Brick fence and landscaping within 10-ft of the levee toe obstructs access and visibility.	38.573403 ° -121.423642 °	38.573403 ° -121.423642 °	59
100	5.77	5.77	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Fig, maple and other landscaping obstructs visibility.	38.573240 ° -121.423697 °	38.573240 ° -121.423697 °	60
101	5.79	5.79	Earthen Levee	Encroachments	LS	CO	Landscaping Inspector Comments: Dense ivy and shrubs are within 10-ft of the levee toe.	38.572918 ° -121.423760 °	38.572918 ° -121.423760 °	61
102	5.81	5.81	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Citrus tree and slope landscaping obstructs visibility.	38.572748 ° -121.423818 °	38.572748 ° -121.423818 °	62
103	5.83	5.83	Earthen Levee	Encroachments	LS	CO	Buildings Inspector Comments: Tin building within 10-ft of the levee toe.	38.572325 ° -121.423913 °	38.572325 ° -121.423913 °	63
104	5.84	5.84	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Dense shrubs on levee toe.	38.572207 ° -121.423933 °	38.572207 ° -121.423933 °	64
105	5.85	5.85	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Extended privacy fence within 10-ft of levee toe.	38.572067 ° -121.423970 °	38.572067 ° -121.423970 °	65
106	5.87	5.87	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Privacy fence is within 10-ft of levee toe.	38.571733 ° -121.424055 °	38.571733 ° -121.424055 °	210
107	5.88	5.88	Earthen Levee	Encroachments	LS	CO	Buildings	38.571586 ° -121.424097 °	38.571586 ° -121.424097 °	66
108	5.89	5.89	Earthen Levee	Encroachments	LS	CO	Landscaping Inspector Comments: Levee slope has been landscaped. This obstructs visibility.	38.571525 ° -121.424152 °	38.571525 ° -121.424152 °	68
109	5.91	5.91	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Levee slope has been landscaped. This obstructs visibility.	38.571243 ° -121.424167 °	38.571243 ° -121.424167 °	69
110	5.92	5.92	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Levee slope has been landscaped. This obstructs visibility.	38.571145 ° -121.424192 °	38.571145 ° -121.424192 °	70
111	5.97	5.97	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Landscaping and garden within 10-ft of the levee toe.	38.570450 ° -121.424237 °	38.570450 ° -121.424237 °	71

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated C : Corrected W : Watch/Monitor
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	11/23/2010 11/23/2010	Clay Thomas

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
112	5.97	5.97	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Wood fence and landscaping within 10-ft of the levee toe obstructs visibility.	38.570391 ° -121.424227 °	38.570391 ° -121.424227 °	72
113	5.99	5.99	Interior Drainage & Piping Systems	Culverts: Inlets / Outlets	WS	A		38.570088 ° -121.424273 °	38.570088 ° -121.424273 °	255 Y
114	6.00	6.00	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Apartment complex privacy fence and shrubs within 10-ft of the slope obstruct visibility.	38.569893 ° -121.424310 °	38.569893 ° -121.424310 °	211
115	6.61	6.61	Earthen Levee	Encroachments	LS	CO	Buildings Inspector Comments: Generator and sheds within 10-ft of levee slope.	38.561643 ° -121.421262 °	38.561643 ° -121.421262 °	73
116	6.62	6.62	Interior Drainage & Piping Systems	Culverts: Inlets / Outlets	WS	A		38.561552 ° -121.421188 °	38.561552 ° -121.421188 °	256
117	7.70	7.73	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility.	38.559177 ° -121.403541 °	38.559218 ° -121.402967 °	74
118	7.75	7.77	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility.	38.559230 ° -121.402708 °	38.559261 ° -121.402219 °	75
119	7.80	7.82	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility.	38.559308 ° -121.401717 °	38.559309 ° -121.401388 °	76
120	7.83	7.86	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility.	38.559330 ° -121.401162 °	38.559366 ° -121.400683 °	77
121	7.88	7.90	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility.	38.559379 ° -121.400354 °	38.559435 ° -121.399944 °	78
122	7.91	7.94	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility.	38.559514 ° -121.399700 °	38.559643 ° -121.399248 °	79
123	7.92	7.92	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Landscaping trees and bushes obstruct access and visibility.	38.559560 ° -121.399534 °	38.559560 ° -121.399534 °	222

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	11/23/2010 11/23/2010	Clay Thomas

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
124	7.96	7.98	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility.	38.559753 ° -121.398982 °	38.559911 ° -121.398506 °	80
125	7.99	7.99	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Landscaping trees and bushes within 10-ft of levee toe obstruct visibility.	38.559957 ° -121.398401 °	38.559957 ° -121.398401 °	223
126	8.00	8.03	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility.	38.559994 ° -121.398318 °	38.560185 ° -121.397845 °	224
127	8.04	8.07	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility.	38.560281 ° -121.397604 °	38.560435 ° -121.397239 °	81
128	8.09	8.09	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Brick fence is within 10-ft of levee toe, obstructing access and visibility.	38.560537 ° -121.396912 °	38.560537 ° -121.396912 °	82
129	8.10	8.10	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Brick fence is within 10-ft of levee toe and obstructs access and visibility.	38.560647 ° -121.396660 °	38.560647 ° -121.396660 °	83
130	8.11	8.11	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Brick fence is within 10-ft of levee toe and obstructs access and visibility.	38.560728 ° -121.396471 °	38.560728 ° -121.396471 °	84
131	8.13	8.13	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Brick fence is within 10-ft of levee toe and obstructs access and visibility.	38.560845 ° -121.396189 °	38.560845 ° -121.396189 °	85
132	8.14	8.14	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Brick fence is within 10-ft of levee toe and obstructs access and visibility.	38.560907 ° -121.396043 °	38.560907 ° -121.396043 °	86
133	8.15	8.15	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Brick fence is within 10-ft of levee toe and obstructs access and visibility.	38.561008 ° -121.395817 °	38.561008 ° -121.395817 °	87
134	8.18	8.18	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Landscaping along chain link fence within 10-ft of levee toe obstructs access and visibility.	38.561187 ° -121.395351 °	38.561187 ° -121.395351 °	225
135	8.20	8.20	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wooden privacy fence within 10-ft of levee toe obstructs access and visibility.	38.561343 ° -121.394998 °	38.561343 ° -121.394998 °	88
136	8.22	8.22	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Fence and landscaping arbor within 10-ft of levee toe obstructs access and visibility.	38.561467 ° -121.394728 °	38.561467 ° -121.394728 °	89

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	11/23/2010 11/23/2010	Clay Thomas

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
137	8.23	8.23	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Cement block fence within 10-ft of the levee toe.	38.561544 ° -121.394494 °	38.561544 ° -121.394494 °	90
138	8.25	8.25	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Cement block fence and landscaping within 10-ft of levee toe obstructs access and visibility.	38.561593 ° -121.394315 °	38.561593 ° -121.394315 °	91
139	8.25	8.25	Earthen Levee	Encroachments	LS	CO	Landscaping Inspector Comments: Cement block fence and landscaping within 10-ft of levee toe obstructs access and visibility.	38.561658 ° -121.394157 °	38.561658 ° -121.394157 °	92
140	8.27	8.27	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wooden fence, strung tarps, and landscaping within 10-ft of levee toe obstructs access and visibility.	38.561750 ° -121.393917 °	38.561750 ° -121.393917 °	93
141	8.28	8.28	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wood privacy fence and pool within 10-ft of levee toe obstructs access and visibility.	38.561799 ° -121.393758 °	38.561799 ° -121.393758 °	94
142	8.29	8.29	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wood privacy fence within 10-ft of levee toe obstructs access and visibility.	38.561900 ° -121.393547 °	38.561900 ° -121.393547 °	95
143	8.31	8.31	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wood privacy fence within 10-ft of levee toe obstructs access and visibility.	38.561980 ° -121.393359 °	38.561980 ° -121.393359 °	96
144	8.31	8.31	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Wood privacy fence within 10-ft of levee toe obstructs access and visibility.	38.561986 ° -121.393343 °	38.561986 ° -121.393343 °	97
145	8.32	8.32	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wood privacy fence within 10-ft of levee toe obstructs access and visibility.	38.562054 ° -121.393190 °	38.562054 ° -121.393190 °	98
146	8.33	8.33	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wood privacy fence within 10-ft of levee toe obstructs access and visibility.	38.562120 ° -121.392983 °	38.562120 ° -121.392983 °	99
147	8.34	8.34	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wood privacy fence within 10-ft of levee toe obstructs access and visibility.	38.562182 ° -121.392778 °	38.562182 ° -121.392778 °	100
148	8.39	8.39	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wood privacy fence within 10-ft of levee toe obstructs access and visibility.	38.562508 ° -121.392037 °	38.562508 ° -121.392037 °	101
149	8.44	8.44	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Helix sky pencil along chain link fence is within 10-ft of the levee toe.	38.562858 ° -121.391149 °	38.562858 ° -121.391149 °	102

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	11/23/2010 11/23/2010	Clay Thomas

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
150	8.47	8.47	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wood privacy fence within 10-ft of levee toe obstructs access and visibility.	38.563042 ° -121.390692 °	38.563042 ° -121.390692 °	103
151	8.48	8.48	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Wood privacy fence within 10-ft of levee toe obstructs access and visibility.	38.563108 ° -121.390452 °	38.563108 ° -121.390452 °	104
152	8.51	8.51	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Palms planted within 10-ft of the levee toe.	38.563238 ° -121.390073 °	38.563238 ° -121.390073 °	105
153	8.52	8.52	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Wood privacy fence within 10-ft of levee toe obstructs access and visibility. Block wall built into the levee.	38.563308 ° -121.389885 °	38.563308 ° -121.389885 °	106
154	8.54	8.54	Earthen Levee	Encroachments	LS	CO	Landscaping	38.563511 ° -121.389509 °	38.563511 ° -121.389509 °	107
155	8.55	8.55	Earthen Levee	Encroachments	LS	CO	Landscaping	38.563587 ° -121.389313 °	38.563587 ° -121.389313 °	108
156	8.56	8.56	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Redwood and ivy within 10-ft of levee toe.	38.566948 ° -121.371562 °	38.566948 ° -121.371562 °	236
157	8.57	8.57	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Wood privacy fence within 10-ft of levee toe obstructs access and visibility.	38.563580 ° -121.389140 °	38.563580 ° -121.389140 °	109
158	8.58	8.58	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Wood privacy fence within 10-ft of levee toe obstructs access and visibility.	38.563732 ° -121.388930 °	38.563732 ° -121.388930 °	110
159	8.59	8.59	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Garden, trees and cactus planted against the levee toe.	38.563793 ° -121.388758 °	38.563793 ° -121.388758 °	226
160	8.60	8.60	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wood privacy fence within 10-ft of levee toe obstructs access and visibility.	38.563820 ° -121.388518 °	38.563820 ° -121.388518 °	111
161	8.61	8.61	Earthen Levee	Encroachments	LS	CO	Landscaping	38.563877 ° -121.388345 °	38.563877 ° -121.388345 °	112
162	8.61	8.61	Earthen Levee	Encroachments	LS	CO	Landscaping	38.563877 ° -121.388343 °	38.563877 ° -121.388343 °	113
163	8.63	8.63	Earthen Levee	Encroachments	LS	CO	Landscaping Inspector Comments: Ivy and orange tree obstruct visibility.	38.563945 ° -121.388137 °	38.563945 ° -121.388137 °	114
164	8.63	8.63	Earthen Levee	Animal Control	WS	C	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	38.564120 ° -121.388240 °	38.564120 ° -121.388240 °	228

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	11/23/2010 11/23/2010	Clay Thomas

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
165	8.65	8.65	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wood privacy fence and 2-story play house within 10-ft of levee toe obstructs access and visibility.	38.564047 ° -121.387743 °	38.564047 ° -121.387743 °	115
166	8.66	8.66	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wood privacy fence and wood out building within 10-ft of levee toe obstructs access and visibility.	38.564033 ° -121.387572 °	38.564033 ° -121.387572 °	117
167	8.67	8.67	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wood privacy fence within 10-ft of levee toe obstructs access and visibility.	38.564133 ° -121.387318 °	38.564133 ° -121.387318 °	116
168	8.68	8.68	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wood privacy fence within 10-ft of levee toe obstructs access and visibility.	38.564133 ° -121.387092 °	38.564133 ° -121.387092 °	118
169	8.70	8.70	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wood privacy fence within 10-ft of levee toe obstructs access and visibility.	38.564217 ° -121.386846 °	38.564217 ° -121.386846 °	119
170	8.71	8.71	Earthen Levee	Encroachments	LS	PO	Landscaping	38.564268 ° -121.386599 °	38.564268 ° -121.386599 °	227
171	8.98	8.98	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Chain link fence with privacy slats and barbed wire within 10-ft of levee toe obstructs access and visibility.	38.565352 ° -121.382044 °	38.565352 ° -121.382044 °	235
172	9.49	9.49	Earthen Levee	Encroachments	WS	W	Pipe Inspector Comments: Flap gates in good condition.	38.566700 ° -121.372961 °	38.566700 ° -121.372961 °	175 Y
173	9.52	9.61	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2009: 10 ft berm, 1.5:1 slope, tree hazards, clays and silts, 8.74 ft/s [2009 SiteID:AMR_10-0_L]	38.567567 ° -121.370894 °	38.567269 ° -121.372572 °	260 Y
174	9.54	9.54	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Bushes within 10-ft of levee toe obstructs visibility.	38.566849 ° -121.372166 °	38.566849 ° -121.372166 °	120
175	9.57	9.57	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Redwoods and ivy along fence within 10-ft of levee toe.	38.566938 ° -121.371550 °	38.566938 ° -121.371550 °	237
176	9.61	9.61	Earthen Levee	Encroachments	LS	CO	Landscaping Inspector Comments: Oleander bushes and shrubs within 10-ft of landside toe.	38.567058 ° -121.370954 °	38.567058 ° -121.370954 °	121
177	9.64	9.64	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Trees and ground cover within 10-ft of levee toe.	38.567181 ° -121.370366 °	38.567181 ° -121.370366 °	122

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	11/23/2010 11/23/2010	Clay Thomas

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
178	9.66	9.66	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Trees, bushes and ground cover within 10-ft of levee toe.	38.567285 ° -121.369964 °	38.567285 ° -121.369964 °	123
179	9.67	9.67	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Ivy and vines on chain link fence within 10-ft of levee toe.	38.567242 ° -121.369858 °	38.567242 ° -121.369858 °	124
180	9.69	9.69	Earthen Levee	Encroachments	LS	CO	Landscaping Inspector Comments: Dense golden ivy on C/L fence obstructs access and visibility.	38.567360 ° -121.369555 °	38.567360 ° -121.369555 °	125
181	9.70	9.70	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Vines and ground cover within 10-ft of levee toe.	38.567387 ° -121.369358 °	38.567387 ° -121.369358 °	126
182	9.72	9.72	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Ground cover on levee slope.	38.567451 ° -121.368962 °	38.567451 ° -121.368962 °	127
183	9.74	9.74	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wooden privacy fence within 10-ft of levee toe.	38.567493 ° -121.368633 °	38.567493 ° -121.368633 °	128
184	9.75	9.75	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Trees and vines along C/L fence within 10-ft of levee toe.	38.567540 ° -121.368467 °	38.567540 ° -121.368467 °	129
185	9.78	9.78	Earthen Levee	Encroachments	LS	CO	Landscaping Inspector Comments: Tall hedge obstructs access and visibility.	38.567626 ° -121.367921 °	38.567626 ° -121.367921 °	130
186	9.79	9.79	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Tall hedge obstructs access and visibility.	38.567680 ° -121.367674 °	38.567680 ° -121.367674 °	131
187	9.82	9.82	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Trees and ivy on levee slope obstruct access and visibility.	38.567772 ° -121.367227 °	38.567772 ° -121.367227 °	132
188	9.84	9.84	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Lemon tree, palm, sky pencil and ivy planted within 10-ft of levee toe obstructs access and visibility.	38.567856 ° -121.366892 °	38.567856 ° -121.366892 °	133
189	9.86	9.86	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Ivy, hedge and play house is within 10-ft of levee toe.	38.567873 ° -121.366410 °	38.567873 ° -121.366410 °	134
190	10.02	10.02	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Tall hedge and ivy within 10-ft of landside levee toe.	38.568542 ° -121.363643 °	38.568542 ° -121.363643 °	135
191	10.03	10.03	Earthen Levee	Encroachments	LS	CO	Landscaping Inspector Comments: Tall hedge and ivy within 10-ft of landside levee toe.	38.568620 ° -121.363453 °	38.568620 ° -121.363453 °	136

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	11/23/2010 11/23/2010	Clay Thomas

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
192	10.07	10.07	Earthen Levee	Encroachments	LS PO	Landscaping	Inspector Comments: Ivy on levee slope and Juniper at levee toe.	38.568833 ° -121.362783 °	38.568833 ° -121.362783 °	137
193	10.09	10.09	Earthen Levee	Encroachments	LS PO	Landscaping	Inspector Comments: Landscaping on levee slope.	38.568918 ° -121.362533 °	38.568918 ° -121.362533 °	238
194	10.10	10.10	Earthen Levee	Encroachments	LS CO	Fences		38.568953 ° -121.362396 °	38.568953 ° -121.362396 °	138
195	10.11	10.11	Earthen Levee	Encroachments	LS PO	Landscaping		38.569077 ° -121.362168 °	38.569077 ° -121.362168 °	139
196	10.16	10.16	Earthen Levee	Encroachments	LS PO	Landscaping		38.569233 ° -121.361337 °	38.569233 ° -121.361337 °	140
197	10.18	10.18	Earthen Levee	Encroachments	LS CO	Buildings		38.569293 ° -121.361002 °	38.569293 ° -121.361002 °	176
198	10.19	10.21	Supplemental	USACE Erosion Survey	WS M		Inspector Comments: 2009: 15 ft berm, vertical slope, tree hazards and holes, clays and silts, 3.94 ft/s [2009 SiteID:AMR_10-6_L]	38.569833 ° -121.360422 °	38.569708 ° -121.360867 °	261 Y
199	10.34	10.37	Earthen Levee	Encroachments	LS CO	Fences	Inspector Comments: Wooden fence behind six apartment units is within 10-ft of levee slope.	38.569982 ° -121.358134 °	38.570118 ° -121.357604 °	141
200	10.38	10.40	Earthen Levee	Encroachments	LS CO	Fences	Inspector Comments: Wooden fence behind six apartment units is within 10-ft of levee slope.	38.570175 ° -121.357390 °	38.570229 ° -121.357041 °	142 Y
201	10.42	10.44	Earthen Levee	Encroachments	LS CO	Fences	Inspector Comments: Wooden fence behind six apartment units is within 10-ft of levee slope.	38.570257 ° -121.356783 °	38.570297 ° -121.356403 °	143
202	10.45	10.48	Earthen Levee	Encroachments	LS CO	Fences	Inspector Comments: Wooden fence behind six apartment units is within 10-ft of levee slope.	38.570325 ° -121.356185 °	38.570397 ° -121.355757 °	144
203	10.48	10.51	Earthen Levee	Encroachments	LS CO	Fences	Inspector Comments: Wooden fence behind six apartment units is within 10-ft of levee slope.	38.570417 ° -121.355625 °	38.570500 ° -121.355151 °	145
204	10.52	10.52	Earthen Levee	Encroachments	LS PO	Fences		38.570513 ° -121.355056 °	38.570513 ° -121.355056 °	146
205	10.53	10.53	Earthen Levee	Encroachments	LS PO	Fences		38.570542 ° -121.354772 °	38.570542 ° -121.354772 °	147
206	10.56	10.56	Earthen Levee	Encroachments	LS PO	Fences	Inspector Comments: Wooden privacy fence obstructs visibility and access.	38.570524 ° -121.354359 °	38.570524 ° -121.354359 °	148

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated	C : Corrected W : Watch/Monitor
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	11/23/2010 11/23/2010	Clay Thomas

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
207	10.58	10.58	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Wooden privacy fence is within 10-ft of levee toe.	38.570234 ° -121.353862 °	38.570234 ° -121.353862 °	149
208	10.60	10.60	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Wooden privacy fence within 10-ft of levee toe.	38.570095 ° -121.353807 °	38.570095 ° -121.353807 °	150
209	10.62	10.62	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wooden privacy fence within 10-ft of levee toe.	38.569921 ° -121.353643 °	38.569921 ° -121.353643 °	151
210	10.63	10.63	Interior Drainage & Piping Systems	Culverts: Inlets / Outlets	WS	A	Inspector Comments: Mahew Drain	38.569800 ° -121.353540 °	38.569800 ° -121.353540 °	174 Y
211	10.63	10.63	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Wooden privacy fence within 10-ft of levee toe.	38.569758 ° -121.353535 °	38.569758 ° -121.353535 °	152
212	10.66	10.66	Earthen Levee	Encroachments	LS	PO	Landscaping	38.569315 ° -121.353355 °	38.569315 ° -121.353355 °	239
213	10.67	10.67	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wooden privacy fence and ivy within 10-ft of levee toe.	38.569166 ° -121.353272 °	38.569166 ° -121.353272 °	153
214	10.68	10.68	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Wooden privacy fence within 10-ft of levee toe.	38.569020 ° -121.353313 °	38.569020 ° -121.353313 °	154
215	10.69	10.69	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Trees and bushes are within 10-ft of the levee toe.	38.568892 ° -121.353162 °	38.568892 ° -121.353162 °	155
216	10.71	10.71	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Wooden privacy fence and landscaping within 10-ft of levee toe.	38.568713 ° -121.353150 °	38.568713 ° -121.353150 °	156
217	10.71	10.71	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Tall hedge and vine on levee toe.	38.568608 ° -121.353054 °	38.568608 ° -121.353054 °	157
218	10.73	10.73	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Wooden privacy fence within 10-ft of levee toe.	38.568355 ° -121.353033 °	38.568355 ° -121.353033 °	158
219	10.73	10.73	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Wooden privacy fence within 10-ft of levee toe.	38.568313 ° -121.352941 °	38.568313 ° -121.352941 °	159
220	10.74	10.74	Earthen Levee	Encroachments	CR	W	Pipe Inspector Comments: Pipe beneath levee and channel.	38.568297 ° -121.352910 °	38.568297 ° -121.352910 °	173

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated C : Corrected W : Watch/Monitor
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	11/23/2010 11/23/2010	Clay Thomas

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
221	10.74	10.74	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Tall wooden privacy fence within 10-ft of levee toe.	38.568188 ° -121.352864 °	38.568188 ° -121.352864 °	160
222	10.75	10.75	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wooden privacy fence and vine within 10-ft of levee toe.	38.568058 ° -121.352785 °	38.568058 ° -121.352785 °	161
223	10.80	10.80	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Wooden privacy fence within 10-ft of levee toe.	38.567402 ° -121.352415 °	38.567402 ° -121.352415 °	162
224	10.82	10.82	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wooden privacy fence and landscaping within 10-ft of levee toe.	38.567250 ° -121.352341 °	38.567250 ° -121.352341 °	163
225	10.83	10.83	Earthen Levee	Encroachments	LS	CO	Landscaping	38.567100 ° -121.352273 °	38.567100 ° -121.352273 °	164
226	10.84	10.84	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Wooden privacy fence within 10-ft of levee toe.	38.566981 ° -121.352213 °	38.566981 ° -121.352213 °	170
227	10.85	10.85	Earthen Levee	Encroachments	LS	PO	Landscaping	38.566823 ° -121.352117 °	38.566823 ° -121.352117 °	240
228	10.86	10.86	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Wooden privacy fence within 10-ft of levee toe.	38.566705 ° -121.352063 °	38.566705 ° -121.352063 °	166
229	10.87	10.87	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wooden privacy fence and tall hedge within 10-ft of levee toe.	38.566545 ° -121.352004 °	38.566545 ° -121.352004 °	171
230	10.88	10.88	Earthen Levee	Encroachments	LS	CO	Landscaping Inspector Comments: Wooden privacy fence within 10-ft of levee toe. Tree limb on levee slope.	38.566399 ° -121.351931 °	38.566399 ° -121.351931 °	169
231	10.89	10.89	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Wooden privacy fence ivy and vine planted within 10-ft of levee toe.	38.566233 ° -121.351848 °	38.566233 ° -121.351848 °	167
232	10.91	10.91	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Wooden privacy fence within 10-ft of levee toe.	38.566044 ° -121.351747 °	38.566044 ° -121.351747 °	165
233	10.92	10.94	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wooden privacy fence within 10-ft of levee toe.	38.565917 ° -121.351682 °	38.565646 ° -121.351532 °	168

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated C : Corrected W : Watch/Monitor
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	11/23/2010 11/23/2010	Clay Thomas

Levee Mile Report Line	1
Start Levee Mile	0.02
End Levee Mile	0.02
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Levee mile 0.02, land side vegetation.	
cathom_f_20101129_232.jpg	



Levee Mile Report Line	2
Start Levee Mile	0.02
End Levee Mile	0.02
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Levee mile 0.02, water side vegetation.	
cathom_f_20101129_233.jpg	



Levee Mile Report Line	6
Start Levee Mile	0.93
End Levee Mile	0.93
Location	Water Side
Category	Interior Drainage & Piping Systems
Item	Culverts: Inlets / Outlets
Outlet of storm drain to American River.	
cathom_f_20100928_085.jpg	



<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated</p>	<p>C : Corrected W : Watch/Monitor</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	11/23/2010 11/23/2010	Clay Thomas

Levee Mile Report Line	6
Start Levee Mile	0.93
End Levee Mile	0.93
Location	Water Side
Category	Interior Drainage & Piping Systems
Item	Culverts: Inlets / Outlets

Flap gates functioning properly.

cathom_f_20100928_086.jpg



Levee Mile Report Line	7
Start Levee Mile	0.94
End Levee Mile	0.94
Location	Crown
Category	Earthen Levee
Item	Encroachments

Discharge pipe from printing into American River.

cathom_f_20100928_087.jpg



Levee Mile Report Line	17
Start Levee Mile	3.88
End Levee Mile	3.88
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Fall 2009 photo: Fence and landscaping within 10-ft of levee toe obstructs access and visibility.

cathom_f_20100928_079.jpg



<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated</p>	<p>C : Corrected W : Watch/Monitor</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	11/23/2010 11/23/2010	Clay Thomas

Levee Mile Report Line	32
Start Levee Mile	4.08
End Levee Mile	4.08
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Fall 2009 photo: Landscaping within 10-ft of levee toe obstructs access and visibility.	
cathom_f_20100928_084.jpg	



Levee Mile Report Line	66
Start Levee Mile	4.58
End Levee Mile	4.58
Location	Water Side
Category	Interior Drainage & Piping Systems
Item	Culverts: Inlets / Outlets
Storm water discharge to American River.	
cathom_f_20100928_088.jpg	



Levee Mile Report Line	82
Start Levee Mile	4.93
End Levee Mile	4.93
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Wooden fence and braces obstruct access and visibility.	
cathom_f_20100928_080.jpg	



<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated</p>	<p>C : Corrected W : Watch/Monitor</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	11/23/2010 11/23/2010	Clay Thomas

Levee Mile Report Line	113
Start Levee Mile	5.99
End Levee Mile	5.99
Location	Water Side
Category	Interior Drainage & Piping Systems
Item	Culverts: Inlets / Outlets
Drainage discharge to American River.	
cathom_f_20100928_089.jpg	



Levee Mile Report Line	172
Start Levee Mile	9.49
End Levee Mile	9.49
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Drainage outfall to American River.	
cathom_f_20100928_083.jpg	



Levee Mile Report Line	173
Start Levee Mile	9.52
End Levee Mile	9.61
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
2009: 10 ft berm, 1.5:1 slope, tree hazards, clays and silts, 8.74 ft/s [2009 SiteID:AMR_10-0_L]	
cathom_f_20100928_090.JPG	



<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated</p>	<p>C : Corrected W : Watch/Monitor</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	11/23/2010 11/23/2010	Clay Thomas

Levee Mile Report Line	198
Start Levee Mile	10.19
End Levee Mile	10.21
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
2009: 15 ft berm, vertical slope, tree hazards and holes, clays and silts, 3.94 ft/s [2009 SiteID:AMR_10-6_L]	
cathom_f_20100928_091.JPG	



Levee Mile Report Line	200
Start Levee Mile	10.38
End Levee Mile	10.40
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Wooden fence behind apartments within 10' of levee toe.	
cathom_f_20100928_081.jpg	



Levee Mile Report Line	210
Start Levee Mile	10.63
End Levee Mile	10.63
Location	Water Side
Category	Interior Drainage & Piping Systems
Item	Culverts: Inlets / Outlets
Mahew drain closure structure.	
cathom_f_20100928_082.jpg	



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated	C : Corrected W : Watch/Monitor
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2010 Levee Inspection Results

American River Flood Control District

Waterway	Bank	Unit Miles
Unit No. 05 Sacramento River	Left	0.40

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	3/30/2010		9/28/2010	
DWR Inspector	John Paasch		Clay Thomas	
Accompanied By	Richard Marck ARFCD		Richard Marck ARFCD	

Check one:

- During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :
 DWR Summer/Winter Inspection Reports
 3310 El Camino Avenue, Room LL-30
 Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Sacramento River	Left	0.40	11/23/2010 11/23/2010	Clay Thomas

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.10	0.11	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Landcaping behind Best Western	38.595044 ° -121.506497 °	38.594850 ° -121.506452 °	2
2	0.12	0.14	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Landcaping behind Best Western.	38.594759 ° -121.506427 °	38.594319 ° -121.506392 °	1 Y
3	0.12	0.12	Earthen Levee	Vegetation	LS	A	Remove the wild growth other than native grasses from the levee slopes.	38.594699 ° -121.506409 °	38.594699 ° -121.506409 °	3 Y
4	0.12	0.12	Earthen Levee	Vegetation	WS	A	Remove the wild growth other than native grasses from the levee slopes.	38.594699 ° -121.506410 °	38.594699 ° -121.506410 °	4 Y
5	0.27	0.35	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Landscaping at City intake facility.	38.592630 ° -121.505850 °	38.591517 ° -121.505447 °	5

<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p> <p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated</p> <p>C : Corrected W : Watch/Monitor</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Sacramento River	Left	0.40	11/23/2010 11/23/2010	Clay Thomas

Levee Mile Report Line	2
Start Levee Mile	0.12
End Levee Mile	0.14
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Hotel landscaping on landside slope and within 10-ft of the toe limits access and visibility.	
cathom_f_20100928_092.jpg	



Levee Mile Report Line	3
Start Levee Mile	0.12
End Levee Mile	0.12
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Levee mile 0.11, land side vegetation.	
cathom_f_20101129_230.jpg	



Levee Mile Report Line	4
Start Levee Mile	0.12
End Levee Mile	0.12
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Levee mile 0.11, water side vegetation.	
cathom_f_20101129_231.jpg	



<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated</p>	<p>C : Corrected W : Watch/Monitor</p>
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2010 Levee Inspection Results

American River Flood Control District

Waterway	Bank	Unit Miles
Unit No. 06 Linda Creek	Left	1.30

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	3/23/2010		9/28/2010	
DWR Inspector	John Paasch		Clay Thomas	
Accompanied By	Richard Marck ARFCD		Richard Marck ARFCD	

Check one:

During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.

During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

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

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Linda Creek	Left	1.30	11/17/2010 11/17/2010	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	0.00	Earthen Levee	Closure Structures	CR	A	Inspector Comments: Stoplogs were last placed by City of Sacramento during Dec 31, 2005 storm.	38.657199 ° -121.474793 °	38.657199 ° -121.474793 °	3 Y
2	0.96	0.96	Earthen Levee	Vegetation	WS	A	Remove the wild growth other than native grasses from the levee slopes.	38.662090 ° -121.458606 °	38.662090 ° -121.458606 °	1 Y
3	0.96	0.96	Earthen Levee	Vegetation	LS	A	Remove the wild growth other than native grasses from the levee slopes.	38.662090 ° -121.458606 °	38.662090 ° -121.458606 °	2 Y

<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p> <p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated</p> <p>C : Corrected W : Watch/Monitor</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Linda Creek	Left	1.30	11/17/2010 11/17/2010	Clay Thomas

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Crown
Category	Earthen Levee
Item	Closure Structures
Stoplog structure at LM 0.00 on unit 6.	
cathom_f_20100928_093.jpg	



Levee Mile Report Line	2
Start Levee Mile	0.96
End Levee Mile	0.96
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Levee mile 0.96, water side vegetation.	
cathom_f_20101129_227.jpg	



Levee Mile Report Line	3
Start Levee Mile	0.96
End Levee Mile	0.96
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Levee mile 0.96, land side vegetation.	
cathom_f_20101129_226.jpg	



<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated</p>	<p>C : Corrected W : Watch/Monitor</p>
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2010 Levee Inspection Results

American River Flood Control District

Waterway	Bank	Unit Miles
Unit No. 07 Arcade Creek	Right	1.92

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	3/24/2010		9/28/2010	
DWR Inspector	John Paasch		Clay Thomas	
Accompanied By	Richard Marck ARFCD		Richard Marck ARFCD	

Check one:

- During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

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

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.92	11/17/2010 11/19/2010	Clay Thomas

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.00	0.00	Earthen Levee	Closure Structures	CR	A		38.620432 ° -121.467707 °	38.620432 ° -121.467707 °	49 Y
2	0.06	0.06	Earthen Levee	Vegetation	LS	A	Remove the wild growth other than native grasses from the levee slopes.	38.620920 ° -121.466727 °	38.620920 ° -121.466727 °	1 Y
3	0.06	0.06	Earthen Levee	Vegetation	WS	A	Remove the wild growth other than native grasses from the levee slopes.	38.620920 ° -121.466727 °	38.620920 ° -121.466727 °	18 Y
4	0.38	0.38	Earthen Levee	Encroachments	CR	W	Pipe Inspector Comments: Closure device for sewer line located on levee crown.	38.623466 ° -121.461801 °	38.623466 ° -121.461801 °	17 Y
5	0.58	0.58	Interior Drainage & Piping Systems	Culverts: Inlets / Outlets	WS	A	Inspector Comments: Pump station at Norwood crossing.	38.625264 ° -121.459059 °	38.625264 ° -121.459059 °	34
6	0.72	0.72	Earthen Levee	Closure Structures	CR	A	Inspector Comments: Stoplog structure at Norwood Ave.	38.624860 ° -121.456620 °	38.624860 ° -121.456620 °	35 Y
7	1.22	1.22	Interior Drainage & Piping Systems	Culverts: Inlets / Outlets	WS	A	Inspector Comments: Three flap gates at outfall.	38.625740 ° -121.447740 °	38.625740 ° -121.447740 °	36
8	1.25	1.25	Interior Drainage & Piping Systems	Culverts: Inlets / Outlets	WS	A	Inspector Comments: Gravity drain to channel.	38.625879 ° -121.447204 °	38.625879 ° -121.447204 °	37
9	1.32	1.32	Interior Drainage & Piping Systems	Culverts: Inlets / Outlets	WS	A	Inspector Comments: Flap gate over outlet.	38.626340 ° -121.445989 °	38.626340 ° -121.445989 °	38
10	1.42	1.42	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Overgrown bamboo limits access to lower patrol road.	38.626930 ° -121.444191 °	38.626930 ° -121.444191 °	32 Y
11	1.45	1.45	Interior Drainage & Piping Systems	Culverts: Inlets / Outlets	WS	A	Inspector Comments: Flap gate at outfall.	38.627209 ° -121.443804 °	38.627209 ° -121.443804 °	39
12	1.53	1.53	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Cactus planted within 10-ft of levee toe. Storage building is also within 10-ft of the toe.	38.627742 ° -121.442524 °	38.627742 ° -121.442524 °	2
13	1.54	1.54	Earthen Levee	Encroachments	LS	CO	Buildings Inspector Comments: Large side building is within 10-ft of the levee toe.	38.627744 ° -121.442367 °	38.627744 ° -121.442367 °	30
14	1.56	1.56	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wooden privacy fence is within 10-ft of the levee toe.	38.627682 ° -121.442113 °	38.627682 ° -121.442113 °	3

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated C : Corrected W : Watch/Monitor
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.92	11/17/2010 11/19/2010	Clay Thomas

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
15	1.56	1.56	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wooden privacy fence is within 10-ft of the levee toe.	38.627707 ° -121.441965 °	38.627707 ° -121.441965 °	4
16	1.58	1.58	Earthen Levee	Slope Stability	LS	W	Repair the levee slope damaged by foot traffic and prevent access where possible. Inspector Comments: Heavy foot traffic at this location.	38.627774 ° -121.441604 °	38.627774 ° -121.441604 °	40 Y
17	1.59	1.59	Interior Drainage & Piping Systems	Culverts: Inlets / Outlets	WS	A	Inspector Comments: Gravity drain to channel. Positive closure device on w/s hinge point.	38.627756 ° -121.441476 °	38.627756 ° -121.441476 °	41
18	1.59	1.59	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Privacy fence is within 10-ft of the levee toe.	38.627733 ° -121.441415 °	38.627733 ° -121.441415 °	29
19	1.60	1.60	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Privacy fence is within 10-ft of the levee toe.	38.627708 ° -121.441254 °	38.627708 ° -121.441254 °	28
20	1.62	1.62	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Privacy fence and overgrown trees are within 10-ft of the levee toe.	38.627681 ° -121.441021 °	38.627681 ° -121.441021 °	27
21	1.62	1.62	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wooden privacy fence is within 10-ft of the levee toe.	38.627663 ° -121.440784 °	38.627663 ° -121.440784 °	26
22	1.64	1.64	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wooden privacy fence is within 10-ft of the levee toe.	38.627679 ° -121.440582 °	38.627679 ° -121.440582 °	25
23	1.65	1.65	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wooden privacy fence is within 10-ft of the levee toe.	38.627620 ° -121.440467 °	38.627620 ° -121.440467 °	5
24	1.67	1.67	Earthen Levee	Trim / Thin Trees	LS	C	Tree stumps.	38.627907 ° -121.440075 °	38.627907 ° -121.440075 °	42
25	1.68	1.68	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wooden privacy fence with vines are within 10-ft of the levee toe.	38.627868 ° -121.439962 °	38.627868 ° -121.439962 °	6
26	1.69	1.69	Earthen Levee	Encroachments	LS	CO	Buildings Inspector Comments: Corner of building protrudes into levee slope. Wooden fence is built on the levee slope.	38.627935 ° -121.439758 °	38.627935 ° -121.439758 °	7
27	1.70	1.70	Interior Drainage & Piping Systems	Culverts: Inlets / Outlets	WS	A		38.628121 ° -121.439489 °	38.628121 ° -121.439489 °	43
28	1.70	1.70	Earthen Levee	Encroachments	LS	CO	Landscaping Inspector Comments: Palm tree is completely obstructive.	38.628086 ° -121.439544 °	38.628086 ° -121.439544 °	24 Y

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated C : Corrected W : Watch/Monitor
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.92	11/17/2010 11/19/2010	Clay Thomas

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
29	1.72	1.72	Earthen Levee	Encroachments	LS	CO	Buildings Inspector Comments: Levee slope is built around building corner. Property has a chain link privacy fence with barbed wire.	38.628102 ° -121.439283 °	38.628102 ° -121.439283 °	8 Y
30	1.73	1.73	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wooden fence and redwood trees are within 10-ft of levee toe.	38.628208 ° -121.439142 °	38.628208 ° -121.439142 °	23
31	1.74	1.74	Earthen Levee	Encroachments	LS	CO	Fences Inspector Comments: Wooden privacy fence is within 10-ft of the levee toe.	38.628197 ° -121.438863 °	38.628197 ° -121.438863 °	9
32	1.75	1.75	Interior Drainage & Piping Systems	Culverts: Inlets / Outlets	WS	A	Inspector Comments: City of Sacramento repaired site.	38.628321 ° -121.438613 °	38.628321 ° -121.438613 °	45
33	1.77	1.77	Earthen Levee	Trim / Thin Trees	LS	C	Tree stumps.	38.628347 ° -121.438338 °	38.628347 ° -121.438338 °	46
34	1.77	1.77	Earthen Levee	Encroachments	LS	CO	Landscaping Inspector Comments: Ivy and other landscape plantings have grown up chain link fence on the levee toe. Building is within 10-ft of the levee toe. Prunings are on the levee slope.	38.628273 ° -121.438255 °	38.628273 ° -121.438255 °	10 Y
35	1.79	1.79	Earthen Levee	Encroachments	LS	CO	Landscaping Inspector Comments: Dense ivy and landscaping planted on chain link fence on levee toe. Porch and awning are within 10-ft of the levee toe.	38.628297 ° -121.437995 °	38.628297 ° -121.437995 °	11
36	1.80	1.80	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Chain link privacy fence with barbed wire is within 10-ft of levee toe.	38.628307 ° -121.437842 °	38.628307 ° -121.437842 °	12
37	1.81	1.81	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Chain link privacy fence is within 10-ft of levee toe.	38.628303 ° -121.437693 °	38.628303 ° -121.437693 °	13
38	1.81	1.81	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Chain link privacy fence is within 10-ft of levee toe.	38.628303 ° -121.437530 °	38.628303 ° -121.437530 °	14 Y
39	1.82	1.82	Interior Drainage & Piping Systems	Culverts: Inlets / Outlets	WS	A	Inspector Comments: Drainage outlet	38.628389 ° -121.437433 °	38.628389 ° -121.437433 °	47
40	1.83	1.83	Earthen Levee	Encroachments	LS	CO	Landscaping Inspector Comments: Dense ivy growing on chain link fence within 10-ft of levee toe.	38.628295 ° -121.437282 °	38.628295 ° -121.437282 °	15 Y

<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated</p>	<p>C : Corrected W : Watch/Monitor</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.92	11/17/2010 11/19/2010	Clay Thomas

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
41	1.84	1.84	Earthen Levee	Encroachments	LS	CO	Landscaping Inspector Comments: Dense ivy and trees along chain link fence on levee toe. Large green colored building is within 10-ft of levee toe.	38.628262 ° -121.436985 °	38.628262 ° -121.436985 °	16
42	1.85	1.85	Earthen Levee	Encroachments	LS	CO	Buildings Inspector Comments: Wooden shed and landscaping along chain link fence within 10-ft of levee toe.	38.628318 ° -121.436794 °	38.628318 ° -121.436794 °	22
43	1.88	1.88	Earthen Levee	Encroachments	LS	CO	Landscaping Inspector Comments: Blue colored wooden side building and juniper trees along chain link fence are within 10-ft of landside toe.	38.628280 ° -121.436365 °	38.628280 ° -121.436365 °	21

<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p> <p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated</p> <p>C : Corrected W : Watch/Monitor</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.92	11/17/2010 11/19/2010	Clay Thomas

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Crown
Category	Earthen Levee
Item	Closure Structures
Stoplog closure structure at Unit 7 connection with Unit 2.	
cathom_f_20100928_105.jpg	



Levee Mile Report Line	2
Start Levee Mile	0.06
End Levee Mile	0.06
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Levee mile 0.00, land side vegetation.	
cathom_f_20101122_212.jpg	



Levee Mile Report Line	3
Start Levee Mile	0.06
End Levee Mile	0.06
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Levee mile 0.00, water side vegetation.	
cathom_f_20101122_213.jpg	



<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated</p>	<p>C : Corrected W : Watch/Monitor</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.92	11/17/2010 11/19/2010	Clay Thomas

Levee Mile Report Line	4
Start Levee Mile	0.38
End Levee Mile	0.38
Location	Crown
Category	Earthen Levee
Item	Encroachments
Closure device for SS beneath channel.	
cathom_f_20100928_098.jpg	



Levee Mile Report Line	6
Start Levee Mile	0.72
End Levee Mile	0.72
Location	Crown
Category	Earthen Levee
Item	Closure Structures
Stoplog structure at Norwood Ave. crossing.	
cathom_f_20100928_101.jpg	



Levee Mile Report Line	10
Start Levee Mile	1.42
End Levee Mile	1.42
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Fall 2009 photo of landscaping adjacent to lower levee patrol road obstructs visibility and access.	
cathom_f_20100928_100.jpg	



<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated</p>	<p>C : Corrected W : Watch/Monitor</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.92	11/17/2010 11/19/2010	Clay Thomas

Levee Mile Report Line	16
Start Levee Mile	1.58
End Levee Mile	1.58
Location	Land Side
Category	Earthen Levee
Item	Slope Stability
Erosion of levee slope due in part to pedestrian traffic.	
cathom_f_20100928_102.jpg	



Levee Mile Report Line	28
Start Levee Mile	1.70
End Levee Mile	1.70
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Fall 2009 photo of palm tree within 10-ft of the levee toe obstructs visibility and access.	
cathom_f_20100928_099.jpg	



Levee Mile Report Line	29
Start Levee Mile	1.72
End Levee Mile	1.72
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Fall 2009 photo of privacy fence and structure within 10-ft of the levee toe obstructs visibility and access.	
cathom_f_20100928_094.jpg	



<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated</p>	<p>C : Corrected W : Watch/Monitor</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.92	11/17/2010 11/19/2010	Clay Thomas

Levee Mile Report Line	34
Start Levee Mile	1.77
End Levee Mile	1.77
Location	Land Side
Category	Earthen Levee
Item	Encroachments
<p>Fall 2009 photo of landscaping within 10-ft of the levee toe obstructs visibility and access.</p>	
<p>cathom_f_20100928_095.jpg</p>	



Levee Mile Report Line	38
Start Levee Mile	1.81
End Levee Mile	1.81
Location	Land Side
Category	Earthen Levee
Item	Encroachments
<p>Fall 2009 photo of privacy fence within 10-ft of the levee toe obstructs visibility and access.</p>	
<p>cathom_f_20100928_096.jpg</p>	



Levee Mile Report Line	40
Start Levee Mile	1.83
End Levee Mile	1.83
Location	Land Side
Category	Earthen Levee
Item	Encroachments
<p>Fall 2009 photo of dense ivy and fence obstruct visibility and access.</p>	
<p>cathom_f_20100928_097.jpg</p>	



<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated</p>	<p>C : Corrected W : Watch/Monitor</p>
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2010 Levee Inspection Results

American River Flood Control District

Waterway	Bank	Unit Miles
Unit No. 08 Magpie Creek Diversion	Left	1.43

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	3/23/2010		9/28/2010	
DWR Inspector	John Paasch		Clay Thomas	
Accompanied By	Richard Marck ARFCD		Richard Marck ARFCD	

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

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :
 DWR Summer/Winter Inspection Reports
 3310 El Camino Avenue, Room LL-30
 Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Magpie Creek Diversion	Left	1.43	11/17/2010 11/17/2010	Clay Thomas

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.31	0.48	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Chain link fence near levee toe limits access.	38.668191 ° -121.442059 °	38.668118 ° -121.438659 °	4
2	0.31	0.48	Earthen Levee	Encroachments	WS	PO	Landscaping Inspector Comments: Re-vegetation site on levee slope.	38.668191 ° -121.442059 °	38.668116 ° -121.438661 °	5
3	0.43	0.43	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Vines on fence limit visibility.	38.668141 ° -121.439755 °	38.668147 ° -121.440248 °	6
4	0.52	1.05	Channels	Vegetation & Obstructions	WS	A	Inspector Comments: No levee exists for unit 8 from LM 0.48 to LM 1.10. Incised channel into high ground.	38.665501 ° -121.431772 °	38.665603 ° -121.431640 °	9 Y
5	1.26	1.32	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: Barbed wire fence runs along the levee toe.	38.662672 ° -121.431672 °	38.661823 ° -121.431678 °	2
6	1.43	1.43	Earthen Levee	Vegetation	LS	A	Remove the wild growth other than native grasses from the levee slopes.	38.660788 ° -121.429285 °	38.660788 ° -121.429285 °	1 Y
7	1.43	1.43	Earthen Levee	Vegetation	WS	A	Remove the wild growth other than native grasses from the levee slopes.	38.660788 ° -121.429285 °	38.660788 ° -121.429285 °	3 Y

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated C : Corrected W : Watch/Monitor
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Magpie Creek Diversion	Left	1.43	11/17/2010 11/17/2010	Clay Thomas

Levee Mile Report Line	4
Start Levee Mile	0.52
End Levee Mile	1.05
Location	Water Side
Category	Channels
Item	Vegetation & Obstructions
Incised channel at LM 1.05 downstream of Vinci Ave.	
cathom_f_20100928_106.jpg	



Levee Mile Report Line	4
Start Levee Mile	0.52
End Levee Mile	1.05
Location	Water Side
Category	Channels
Item	Vegetation & Obstructions
Incised channel at LM 0.48 upstream of Dry Creek Rd.	
cathom_f_20100928_107.jpg	



Levee Mile Report Line	6
Start Levee Mile	1.43
End Levee Mile	1.43
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Levee mile 1.43, water side vegetation.	
cathom_f_20101122_206.jpg	



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated	C : Corrected W : Watch/Monitor
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Magpie Creek Diversion	Left	1.43	11/17/2010 11/17/2010	Clay Thomas

Levee Mile Report Line	7
Start Levee Mile	1.43
End Levee Mile	1.43
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Levee mile 1.43, water side vegetation.	
cathom_f_20101122_205.jpg	



<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated</p>	<p>C : Corrected W : Watch/Monitor</p>
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2010 Levee Inspection Results

American River Flood Control District

Waterway	Bank	Unit Miles
Unit No. 09 American River	Right	4.32

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	3/30/2010		9/28/2010	
DWR Inspector	John Paasch		Clay Thomas	
Accompanied By	Richard Marck ARFCD		Richard Marck ARFCD	

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 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.32	11/19/2010 11/19/2010	Clay Thomas

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.45	0.45	Interior Drainage & Piping Systems	Culverts: Inlets / Outlets	LS	A	Inspector Comments: Drainage outfall.	38.566320 ° -121.390620 °	38.566320 ° -121.390620 °	12
2	0.45	0.45	Earthen Levee	Trim / Thin Trees	LS	N	Tree stumps. Inspector Comments: Tree trunk at fence line.	38.566298 ° -121.390680 °	38.566298 ° -121.390680 °	14 Y
3	1.13	1.13	Earthen Levee	Encroachments	LS	PO	Landscaping	38.563040 ° -121.402168 °	38.563040 ° -121.402168 °	3
4	1.17	1.17	Interior Drainage & Piping Systems	Culverts: Inlets / Outlets	WS	A	Inspector Comments: Drainage Outfall.	38.562884 ° -121.402758 °	38.562884 ° -121.402758 °	11
5	2.77	2.77	Interior Drainage & Piping Systems	Culverts: Inlets / Outlets	WS	A	Inspector Comments: Drainage Outfall.	38.571887 ° -121.420592 °	38.571887 ° -121.420592 °	8
6	2.77	2.77	Earthen Levee	Encroachments	CR	W	Pipe	38.571872 ° -121.420586 °	38.571872 ° -121.420586 °	9
7	3.11	3.24	Earthen Levee	Encroachments	LS	CO	Fences	38.576423 ° -121.419117 °	38.578248 ° -121.418475 °	2
8	3.24	3.32	Earthen Levee	Encroachments	LS	PO	Fences	38.578258 ° -121.418475 °	38.579363 ° -121.418100 °	1
9	3.38	3.38	Earthen Levee	Encroachments	CR	W	Pipe Inspector Comments: 60" FM	38.580159 ° -121.417773 °	38.580159 ° -121.417773 °	7
10	3.70	3.70	Earthen Levee	Vegetation	LS	A	Remove the wild growth other than native grasses from the levee slopes.	38.583895 ° -121.420281 °	38.583895 ° -121.420281 °	10 Y
11	3.70	3.70	Earthen Levee	Vegetation	WS	A	Remove the wild growth other than native grasses from the levee slopes.	38.583895 ° -121.420281 °	38.583895 ° -121.420281 °	13 Y
12	4.28	4.28	Interior Drainage & Piping Systems	Culverts: Inlets / Outlets	WS	A	Inspector Comments: American River Pump #1	38.589047 ° -121.428321 °	38.589047 ° -121.428321 °	4
13	4.28	4.28	Interior Drainage & Piping Systems	Culverts: Inlets / Outlets	WS	A	Inspector Comments: Drainage outfall	38.589047 ° -121.428321 °	38.589047 ° -121.428321 °	5 Y
14	4.28	4.28	Earthen Levee	Encroachments	LS	C	Prunings	38.589047 ° -121.428321 °	38.589047 ° -121.428321 °	6

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated C : Corrected W : Watch/Monitor
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.32	11/19/2010 11/19/2010	Clay Thomas

Levee Mile Report Line	2
Start Levee Mile	0.45
End Levee Mile	0.45
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
Tree trunk at fence line.	
cathom_f_20100928_109.jpg	



Levee Mile Report Line	10
Start Levee Mile	3.70
End Levee Mile	3.70
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Levee mile 3.70, vegetation land side.	
cathom_f_20101122_220.jpg	



Levee Mile Report Line	11
Start Levee Mile	3.70
End Levee Mile	3.70
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Levee mile 3.70, vegetation water side.	
cathom_f_20101122_221.jpg	



<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated</p>	<p>C : Corrected W : Watch/Monitor</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.32	11/19/2010 11/19/2010	Clay Thomas

Levee Mile Report Line	13
Start Levee Mile	4.28
End Levee Mile	4.28
Location	Water Side
Category	Interior Drainage & Piping Systems
Item	Culverts: Inlets / Outlets
Gravity drainage to American River upstream of pumping plant.	
cathom_f_20100928_108.jpg	



<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated</p>	<p>C : Corrected W : Watch/Monitor</p>
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2010 Levee Inspection Results

American River Flood Control District

Waterway	Bank	Unit Miles
Unit No. 10 American River	Right	3.34

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	3/30/2010		9/28/2010	
DWR Inspector	John Paasch		Clay Thomas	
Accompanied By	Richard Marck ARFCD		Richard Marck ARFCD	

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, Room LL-30
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.34	11/19/2010 11/19/2010	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	0.70	Earthen Levee	Encroachments	CR CO	Urban		38.600917 ° -121.332100 °	38.592184 ° -121.334347 °	16 Y
2	1.01	1.01	Interior Drainage & Piping Systems	Culverts: Inlets / Outlets	WS A		Inspector Comments: Drainage outfall.	38.587995 ° -121.336807 °	38.587995 ° -121.336807 °	15 Y
3	1.62	1.62	Earthen Levee	Encroachments	CR W	Pipe	Inspector Comments: Water Line	38.581572 ° -121.343706 °	38.581572 ° -121.343706 °	11
4	1.71	1.71	Interior Drainage & Piping Systems	Culverts: Inlets / Outlets	CR A		Inspector Comments: Drainage discharge.	38.580960 ° -121.345030 °	38.580960 ° -121.345030 °	10 Y
5	2.28	2.32	Earthen Levee	Animal Control	LS A		No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows. Inspector Comments: Rodent holes have been grouted.	38.576881 ° -121.353945 °	38.576626 ° -121.354633 °	9
6	2.75	2.75	Earthen Levee	Animal Control	LS A		No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows. Inspector Comments: Rodent holes have been grouted.	38.573425 ° -121.361322 °	38.573425 ° -121.361322 °	2 Y
7	3.38	3.38	Earthen Levee	Encroachments	LS C	Prunings		38.569867 ° -121.371594 °	38.569867 ° -121.371594 °	8
8	3.55	3.55	Interior Drainage & Piping Systems	Culverts: Inlets / Outlets	WS A		Inspector Comments: American River Pumping Plant #2	38.569587 ° -121.374773 °	38.569587 ° -121.374773 °	7
9	3.58	3.58	Earthen Levee	Encroachments	LS PO	Landscaping		38.569556 ° -121.375302 °	38.569556 ° -121.375302 °	6 Y
10	3.88	3.97	Earthen Levee	Encroachments	LS PO	Landscaping	Inspector Comments: ivy and trees	38.568492 ° -121.380477 °	38.568076 ° -121.382001 °	4
11	3.90	3.90	Earthen Levee	Encroachments	LS PO	Fences		38.568300 ° -121.380910 °	38.568300 ° -121.380910 °	1
12	3.97	3.97	Earthen Levee	Vegetation	WS A		Remove the wild growth other than native grasses from the levee slopes.	38.567988 ° -121.382277 °	38.567988 ° -121.382277 °	5 Y
13	3.97	3.97	Earthen Levee	Vegetation	LS A		Remove the wild growth other than native grasses from the levee slopes.	38.567989 ° -121.382277 °	38.567989 ° -121.382277 °	3 Y

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated C : Corrected W : Watch/Monitor
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.34	11/19/2010 11/19/2010	Clay Thomas

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.70
Location	Crown
Category	Earthen Levee
Item	Encroachments
Levee encroached on by property owners north of Arden.	
cathom_f_20100928_115.jpg	



Levee Mile Report Line	2
Start Levee Mile	1.01
End Levee Mile	1.01
Location	Water Side
Category	Interior Drainage & Piping Systems
Item	Culverts: Inlets / Outlets
Drainage outfall in floodplain. Flap and slide gate in concrete box on waterside shoulder.	
cathom_f_20100928_114.jpg	



Levee Mile Report Line	4
Start Levee Mile	1.71
End Levee Mile	1.71
Location	Crown
Category	Interior Drainage & Piping Systems
Item	Culverts: Inlets / Outlets
Flap gates at outfall in floodway.	
cathom_f_20100928_112.jpg	



<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated</p>	<p>C : Corrected W : Watch/Monitor</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.34	11/19/2010 11/19/2010	Clay Thomas

Levee Mile Report Line	4
Start Levee Mile	1.71
End Levee Mile	1.71
Location	Crown
Category	Interior Drainage & Piping Systems
Item	Culverts: Inlets / Outlets
Pump plant at outfall.	
cathom_f_20100928_113.jpg	



Levee Mile Report Line	6
Start Levee Mile	2.75
End Levee Mile	2.75
Location	Land Side
Category	Earthen Levee
Item	Animal Control
Active rodents persist along fence line.	
cathom_f_20100928_110.jpg	



Levee Mile Report Line	9
Start Levee Mile	3.58
End Levee Mile	3.58
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Trees at fence line obstruct access and visibility.	
cathom_f_20100928_111.jpg	



<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated</p>	<p>C : Corrected W : Watch/Monitor</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.34	11/19/2010 11/19/2010	Clay Thomas

Levee Mile Report Line	12
Start Levee Mile	3.97
End Levee Mile	3.97
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Levee mile 3.97, vegetation water side.	
cathom_f_20101122_222.jpg	



Levee Mile Report Line	13
Start Levee Mile	3.97
End Levee Mile	3.97
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Levee mile 3.97, vegetation land side.	
cathom_f_20101122_223.jpg	



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated	C : Corrected W : Watch/Monitor
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2010 Levee Inspection Results

American River Flood Control District

Waterway	Bank	Unit Miles
Unit No. 11 New Linda Creek	Left	0.73

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	3/24/2010		9/28/2010	
DWR Inspector	John Paasch		Clay Thomas	
Accompanied By	Richard Marck ARFCD		Richard Marck ARFCD	

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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 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 New Linda Creek	Left	0.73	11/23/2010 11/23/2010	Clay Thomas

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.71	0.71	Earthen Levee	Vegetation	LS	A	Remove the wild growth other than native grasses from the levee slopes.	38.667928 ° -121.447751 °	38.667928 ° -121.447751 °	1 Y
2	0.71	0.71	Earthen Levee	Vegetation	WS	A	Remove the wild growth other than native grasses from the levee slopes.	38.667928 ° -121.447751 °	38.667928 ° -121.447751 °	2 Y

<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p> <p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated</p> <p>C : Corrected W : Watch/Monitor</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 New Linda Creek	Left	0.73	11/23/2010 11/23/2010	Clay Thomas

Levee Mile Report Line	1
Start Levee Mile	0.71
End Levee Mile	0.71
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Levee mile 0.70, land side vegetation.	
cathom_f_20101129_224.jpg	



Levee Mile Report Line	2
Start Levee Mile	0.71
End Levee Mile	0.71
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Levee mile 0.70, water side vegetation.	
cathom_f_20101129_225.jpg	



<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated</p>	<p>C : Corrected W : Watch/Monitor</p>
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