

**Flood Control Project Maintenance
Levee Inspections**

Fall 2011 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

NA0022 Yolo County Service Area 6	Overall LMA Rating	Total LMA Miles				
	U	5.97				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
<i>Earthen Levee</i>						
Vegetation	0.88		0.88	14.74%		
Trim / Thin Trees	0.03	0.01	0.07	1.17%		
Encroachments	0.07		0.07	1.17%	0.45	0.14
Animal Control	0.07		0.07	1.17%		
Erosion / Bank Caving	0.01		0.01	0.17%		
<i>Supplemental</i>						
USACE Erosion Survey	0.45		0.45	7.54%		
<i>LMA Totals:</i>	1.51	0.01	1.55	25.96%	0.45	0.14

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

Yolo County Service Area 6

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

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

* SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

**Flood Control Project Maintenance
Levee Inspections
Unit Cover Sheet
Fall 2011 Levee Inspection Results
Yolo County Service Area 6**

Waterway		Bank	Unit Miles
Unit No. 01 Right Bank of Sacramento River at Knights Landing		Right	5.97

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	3/15/2011 - 3/17/2011		11/17/2011 - 11/28/2011	
DWR Inspector	John Williamson		John Williamson	
Accompanied By	Regina Espinosa Yolo County		Regina Espinosa Yolo County Chris Starke Yolo County	

Check one:

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

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

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

Comments

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

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Suite 200
Sacramento, CA 95821-9000

X _____
Signature of LMA Representative Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	11/17/2011 11/28/2011	John Williamson

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.00	0.20	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.799184 ° -121.724419 °	38.801218 ° -121.722223 °	91 Y
2	0.03	0.20	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.799606 ° -121.724048 °	38.801368 ° -121.722054 °	6 Y
3	0.15	0.15	Earthen Levee	Trim / Thin Trees	LS	M	Thin trees to allow visibility of the ground and room to flood fight.	38.800828 ° -121.722903 °	38.800828 ° -121.722903 °	30 Y
4	0.15	0.15	Earthen Levee	Encroachments	WS	PO	Buildings	38.800828 ° -121.722902 °	38.800828 ° -121.722902 °	29 Y
5	0.22	0.26	Earthen Levee	Encroachments	LS	PO	Buildings Inspector Comments: RV park runs on and along levee to bridge	38.801500 ° -121.721878 °	38.801613 ° -121.721328 °	28 Y
6	0.31	0.33	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: This is a two year old home. I have talked to the owner about a permit and he continues to landscape the landside slope with no permit. Owner has added fence across levee. Gave her an application, did field investigation report.	38.801720 ° -121.720447 °	38.801840 ° -121.720030 °	27 Y
7	0.35	0.39	Earthen Levee	Encroachments	LS	PO	Buildings Inspector Comments: Apartments with chainlink fence with lathe woven into it.	38.801967 ° -121.719727 °	38.802105 ° -121.718963 °	26 Y
8	0.50	0.57	Earthen Levee	Encroachments	WS	PO	Landscaping	38.802238 ° -121.716875 °	38.801960 ° -121.715700 °	24 Y
9	0.51	0.57	Earthen Levee	Encroachments	LS	PO	Buildings	38.802172 ° -121.716705 °	38.801958 ° -121.715758 °	25 Y
10	0.57	0.71	Earthen Levee	Encroachments	LS	CO	Landscaping Inspector Comments: Oleander hedge	38.801968 ° -121.715707 °	38.801077 ° -121.713335 °	22 Y
11	0.57	0.65	Earthen Levee	Encroachments	WS	PO	Buildings Inspector Comments: Yolo Sutter Yacht Club	38.801965 ° -121.715705 °	38.801468 ° -121.714348 °	23 Y
12	0.73	0.73	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.800960 ° -121.713153 °	38.800960 ° -121.713153 °	2 Y
13	0.97	1.14	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.800188 ° -121.708918 °	38.800577 ° -121.705830 °	21 Y
14	1.18	1.34	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.800778 ° -121.705135 °	38.802058 ° -121.702633 °	20 Y
15	1.78	1.78	Earthen Levee	Encroachments	WS	M	Prunings	38.797916 ° -121.697980 °	38.797916 ° -121.697980 °	9 Y
16	1.91	1.91	Earthen Levee	Encroachments	LS	C	Landscaping Inspector Comments: Sprinklers trenched into levee slope.	38.796394 ° -121.696700 °	38.796394 ° -121.696700 °	10 Y

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Yolo County Service Area 6

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing				Right	5.97	11/17/2011 11/28/2011	John Williamson

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
17	1.99	1.99	Earthen Levee	Animal Control	CR	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.795459 ° -121.695954 °	38.795459 ° -121.695954 °	83 Y
18	1.99	1.99	Earthen Levee	Encroachments	LS	M	Prunings	38.795456 ° -121.695954 °	38.795456 ° -121.695954 °	82 Y
19	2.06	2.06	Earthen Levee	Encroachments	LS	M	Prunings	38.794439 ° -121.695692 °	38.794439 ° -121.695692 °	84 Y
20	2.07	2.07	Earthen Levee	Animal Control	CR	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.794391 ° -121.695684 °	38.794391 ° -121.695684 °	85 Y
21	2.18	2.18	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.792956 ° -121.696025 °	38.792956 ° -121.696025 °	8 Y
22	2.22	2.22	Earthen Levee	Encroachments	LS	M	Pipe	38.792499 ° -121.695508 °	38.792499 ° -121.695508 °	40 Y
23	2.22	2.22	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.792428 ° -121.695495 °	38.792428 ° -121.695495 °	35 Y
24	2.24	2.24	Earthen Levee	Encroachments	LS	M	Firewood	38.792283 ° -121.695447 °	38.792283 ° -121.695447 °	39 Y
25	2.25	2.25	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.792128 ° -121.695400 °	38.792128 ° -121.695400 °	41 Y
26	2.30	2.30	Earthen Levee	Trim / Thin Trees	WS	U	Trim and thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: Tree fell across crown, but still accessible. Tree needs to cut up and removed or burned.	38.791321 ° -121.695261 °	38.791321 ° -121.695261 °	52 Y
27	2.62	2.62	Earthen Levee	Encroachments	LS	PO	Buildings	38.786964 ° -121.694239 °	38.786964 ° -121.694239 °	11 Y
28	2.62	2.62	Earthen Levee	Animal Control	CR	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.787038 ° -121.694237 °	38.787038 ° -121.694237 °	86 Y
29	2.72	2.72	Earthen Levee	Erosion / Bank Caving	LS	M	Schedule repair of erosion site prior to the next inspection.	38.785613 ° -121.694266 °	38.785613 ° -121.694266 °	87 Y
30	2.97	2.97	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.782985 ° -121.691518 °	38.782985 ° -121.691518 °	14 Y
31	3.10	3.24	Supplemental Survey	USACE Erosion Survey	WS	M	Inspector Comments: 2006 - Short section is into the levee toe, rest is near the levee toe. Mass failure and fluvial erosion of depositional material. Rock at the upstream and downstream ends. 2011: Minor new erosion. [2011 Site ID: SAC_86-9_R]	38.780407 ° -121.688238 °	38.779137 ° -121.687432 °	3 Y
32	3.12	3.19	Earthen Levee	Encroachments	LS	PO	Buildings	38.781828 ° -121.689415 °	38.780852 ° -121.688887 °	12 Y

*** Location**

LS : Land Side
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**** Rating**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Yolo County Service Area 6

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing				Right	5.97	11/17/2011 11/28/2011	John Williamson

LMIR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
33	3.16	3.16	Earthen Levee	Encroachments	WS	M	Prunings	38.781358 ° -121.689118 °	38.781358 ° -121.689118 °	34 Y
34	3.25	3.25	Earthen Levee	Trim / Thin Trees	WS	M	Trim and thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: Dead tree broken during winter storms, needs to be cleaned up.	38.780041 ° -121.688499 °	38.780041 ° -121.688499 °	15 Y
35	3.31	3.31	Earthen Levee	Trim / Thin Trees	WS	M	Trim and thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: Fallen tree from winter storms, needs to be cleaned up	38.779352 ° -121.688041 °	38.779352 ° -121.688041 °	16 Y
36	3.70	3.70	Earthen Levee	Encroachments	WS	M	Tree or limb	38.773984 ° -121.687722 °	38.773984 ° -121.687722 °	89 Y
37	4.65	4.86	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2009 - Erosion into the levee toe. Some cobbles have been dumped into the erosion pockets. 2010 - Old cobble site starting to unravel. 2011: No observed change. [2011 Site ID: SAC_85-4_R]	38.763486 ° -121.687567 °	38.763313 ° -121.684038 °	4 Y
38	5.41	5.58	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.759863 ° -121.677260 °	38.759653 ° -121.674230 °	90
39	5.60	5.65	Earthen Levee	Encroachments	LS	PO	Buildings	38.759620 ° -121.673903 °	38.759412 ° -121.673167 °	1 Y
40	5.76	5.86	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2006 - Approximately 18 to 20 ft of bank near levee at the corner of the levee and the Fremont Weir. Vertical bank with undercutting/mass failure. 2007 - Staked at top of bank for monitoring. 2011: Site has become significantly worse with more of the toe and lower bank eroded. Many trees have fallen since last year. [2011 Site ID: SAC_83-9_R]	38.758948 ° -121.669103 °	38.759390 ° -121.667500 °	5 Y

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	11/17/2011 11/28/2011	John Williamson

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.20
Location	Land Side
Category	Earthen Levee
Item	Vegetation

A view of the vegetation on the landside. Grasses are taller than 12 inches. Fall 2011

johngw_f_20111122_579.jpg



Levee Mile Report Line	2
Start Levee Mile	0.03
End Levee Mile	0.20
Location	Water Side
Category	Earthen Levee
Item	Vegetation

Remove all brush except grasses.

johngw_f_20110923_912.jpg



Levee Mile Report Line	2
Start Levee Mile	0.03
End Levee Mile	0.20
Location	Water Side
Category	Earthen Levee
Item	Vegetation

Grasses are taller than 12 inches with brush that obstruct the view. Fall 2011

johngw_f_20111122_580.jpg



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

Levee Inspection Report By Mile - Fall 2011

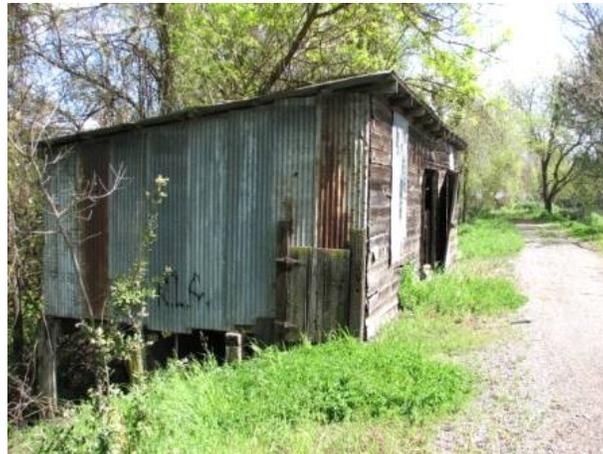
Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	11/17/2011 11/28/2011	John Williamson

Levee Mile Report Line	3
Start Levee Mile	0.15
End Levee Mile	0.15
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
Fig tree and other trees on landside need to be trimmed.	
johngw_f_20110923_931.jpg	



Levee Mile Report Line	4
Start Levee Mile	0.15
End Levee Mile	0.15
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Building on waterside.	
johngw_f_20110923_930.jpg	



Levee Mile Report Line	5
Start Levee Mile	0.22
End Levee Mile	0.26
Location	Land Side
Category	Earthen Levee
Item	Encroachments
RV park trailers and vehicles on levee.	
johngw_f_20110923_929.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 W : Watch/Monitor</p>	<p>N : Not Inspected, see Inspector Comment C : Corrected</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	11/17/2011 11/28/2011	John Williamson

Levee Mile Report Line	6
Start Levee Mile	0.31
End Levee Mile	0.33
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Fence across levee.	
johngw_f_20110923_927.jpg	



Levee Mile Report Line	6
Start Levee Mile	0.31
End Levee Mile	0.33
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Landscaping on levee slope.	
johngw_f_20110923_928.jpg	



Levee Mile Report Line	7
Start Levee Mile	0.35
End Levee Mile	0.39
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Apartments and fence.	
johngw_f_20110923_926.jpg	



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

Levee Inspection Report By Mile - Fall 2011

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	11/17/2011 11/28/2011	John Williamson

Levee Mile Report Line	8
Start Levee Mile	0.50
End Levee Mile	0.57
Location	Water Side
Category	Earthen Levee
Item	Encroachments
On levee crown	
johngw_f_20110923_924.jpg	



Levee Mile Report Line	9
Start Levee Mile	0.51
End Levee Mile	0.57
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Houses on levee.	
johngw_f_20110923_925.jpg	



Levee Mile Report Line	10
Start Levee Mile	0.57
End Levee Mile	0.71
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Oleanders along the shoulder.	
johngw_f_20110923_922.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 W : Watch/Monitor</p>	<p>N : Not Inspected, see Inspector Comment C : Corrected</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	11/17/2011 11/28/2011	John Williamson

Levee Mile Report Line	11
Start Levee Mile	0.57
End Levee Mile	0.65
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Yacht club	
johngw_f_20110923_923.jpg	



Levee Mile Report Line	12
Start Levee Mile	0.73
End Levee Mile	0.73
Location	Land Side
Category	Earthen Levee
Item	Vegetation
The berry vines block good visibility to see levee slope.	
johngw_f_20110923_911.jpg	



Levee Mile Report Line	13
Start Levee Mile	0.97
End Levee Mile	1.14
Location	Land Side
Category	Earthen Levee
Item	Vegetation
The vegetation completely blocks the view of the levee slope. Fall 2011	
johngw_f_20111118_566.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 W : Watch/Monitor</p>	<p>N : Not Inspected, see Inspector Comment C : Corrected</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	11/17/2011 11/28/2011	John Williamson

Levee Mile Report Line	14
Start Levee Mile	1.18
End Levee Mile	1.34
Location	Land Side
Category	Earthen Levee
Item	Vegetation
The vegetation blocks the view of the levee slope. Fall 2011	
johngw_f_20111118_567.jpg	



Levee Mile Report Line	15
Start Levee Mile	1.78
End Levee Mile	1.78
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Prunings	
johngw_f_20110923_914.jpg	



Levee Mile Report Line	17
Start Levee Mile	1.99
End Levee Mile	1.99
Location	Crown
Category	Earthen Levee
Item	Animal Control
A rodent hole is in the crown of the levee. Fall 2011	
johngw_f_20111118_568.jpg	



<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable PO : Partially Obstructing N : Not Inspected, see Inspector Comment C : Corrected M : Minimally Acceptable CO : Completely Obstructing U : Unacceptable W : Watch/Monitor</p>
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**Flood Control Project Maintenance
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Levee Inspection Report By Mile - Fall 2011

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	11/17/2011 11/28/2011	John Williamson

Levee Mile Report Line	18
Start Levee Mile	1.99
End Levee Mile	1.99
Location	Land Side
Category	Earthen Levee
Item	Encroachments
A pile of prunings is stacked on the levee slope near the toe. Fall 2011	
johngw_f_20111118_569.jpg	



Levee Mile Report Line	19
Start Levee Mile	2.06
End Levee Mile	2.06
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Another pile of prunings is stacked on the levee slope. Fall 2011	
johngw_f_20111118_570.jpg	



Levee Mile Report Line	20
Start Levee Mile	2.07
End Levee Mile	2.07
Location	Crown
Category	Earthen Levee
Item	Animal Control
A rodent hole in the crown of the levee. Fall 2011	
johngw_f_20111118_571.jpg	



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

Levee Inspection Report By Mile - Fall 2011

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	11/17/2011 11/28/2011	John Williamson

Levee Mile Report Line	21
Start Levee Mile	2.18
End Levee Mile	2.18
Location	Land Side
Category	Earthen Levee
Item	Animal Control
There are multiple rodent holes but no visible rodents. Need to backfill and compact.	
johngw_f_20110923_913.jpg	



Levee Mile Report Line	22
Start Levee Mile	2.22
End Levee Mile	2.22
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Pipe along toe	
johngw_f_20110923_936.jpg	



Levee Mile Report Line	23
Start Levee Mile	2.22
End Levee Mile	2.22
Location	Land Side
Category	Earthen Levee
Item	Animal Control
A rodent hole needs to be backfilled and compacted.	
johngw_f_20110923_934.jpg	



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

Levee Inspection Report By Mile - Fall 2011

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	11/17/2011 11/28/2011	John Williamson

Levee Mile Report Line	24
Start Levee Mile	2.24
End Levee Mile	2.24
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Firewood stacked up	
johngw_f_20110923_935.jpg	



Levee Mile Report Line	25
Start Levee Mile	2.25
End Levee Mile	2.25
Location	Land Side
Category	Earthen Levee
Item	Animal Control
Rodents	
johngw_f_20110923_937.jpg	



Levee Mile Report Line	26
Start Levee Mile	2.30
End Levee Mile	2.30
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees
Tree across levee	
johngw_f_20110923_938.jpg	



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

Levee Inspection Report By Mile - Fall 2011

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	11/17/2011 11/28/2011	John Williamson

Levee Mile Report Line	26
Start Levee Mile	2.30
End Levee Mile	2.30
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees

Water side view.

johngw_f_20110923_939.jpg



Levee Mile Report Line	27
Start Levee Mile	2.62
End Levee Mile	2.62
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Garage at toe

johngw_f_20110923_916.jpg



Levee Mile Report Line	28
Start Levee Mile	2.62
End Levee Mile	2.62
Location	Crown
Category	Earthen Levee
Item	Animal Control

A very large rodent hole at the shoulder of the levee. Fall 2011

johngw_f_20111118_572.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 W : Watch/Monitor</p>	<p>N : Not Inspected, see Inspector Comment C : Corrected</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

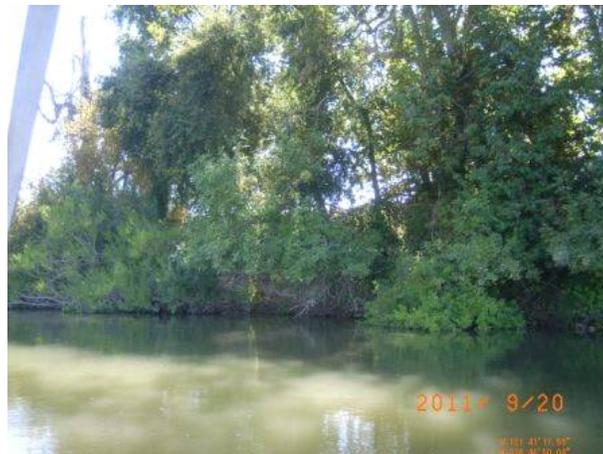
Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	11/17/2011 11/28/2011	John Williamson

Levee Mile Report Line	29
Start Levee Mile	2.72
End Levee Mile	2.72
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Eroision caused by a build up of water then running off the slope. Fall 2011	
johngw_f_20111118_573.jpg	



Levee Mile Report Line	31
Start Levee Mile	3.10
End Levee Mile	3.24
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #1	
USACE2011_SAC_86-9_R_1.jpg	



Levee Mile Report Line	31
Start Levee Mile	3.10
End Levee Mile	3.24
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #2	
USACE2011_SAC_86-9_R_2.jpg	



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

Levee Inspection Report By Mile - Fall 2011

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	11/17/2011 11/28/2011	John Williamson

Levee Mile Report Line	32
Start Levee Mile	3.12
End Levee Mile	3.19
Location	Land Side
Category	Earthen Levee
Item	Encroachments
The buildings are encroaching into the levee slope.	
johngw_f_20110923_917.jpg	



Levee Mile Report Line	33
Start Levee Mile	3.16
End Levee Mile	3.16
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Multiple piles of wooden debris along shoulder along with fallen tree.	
johngw_f_20110923_933.jpg	



Levee Mile Report Line	34
Start Levee Mile	3.25
End Levee Mile	3.25
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees
Branches from dead trees, water side	
johngw_f_20110923_918.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 W : Watch/Monitor</p>	<p>N : Not Inspected, see Inspector Comment C : Corrected</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	11/17/2011 11/28/2011	John Williamson

Levee Mile Report Line	35
Start Levee Mile	3.31
End Levee Mile	3.31
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees
A cottonwood tree has fallen over against the slope. Fall 2011	
johngw_f_20111118_574.jpg	



Levee Mile Report Line	35
Start Levee Mile	3.31
End Levee Mile	3.31
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees
This is the root ball of the tree. It has created a large void in the berm. Fall 2011	
johngw_f_20111118_575.jpg	



Levee Mile Report Line	36
Start Levee Mile	3.70
End Levee Mile	3.70
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Another tree has fallen on the waterside slope. Fall 2011	
johngw_f_20111118_576.jpg	



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

Levee Inspection Report By Mile - Fall 2011

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	11/17/2011 11/28/2011	John Williamson

Levee Mile Report Line	37
Start Levee Mile	4.65
End Levee Mile	4.86
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #1	
USACE2011_SAC_85-4_R_1.jpg	



Levee Mile Report Line	37
Start Levee Mile	4.65
End Levee Mile	4.86
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #2	
USACE2011_SAC_85-4_R_2.jpg	



Levee Mile Report Line	37
Start Levee Mile	4.65
End Levee Mile	4.86
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #3	
USACE2011_SAC_85-4_R_3.jpg	



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

Levee Inspection Report By Mile - Fall 2011

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	11/17/2011 11/28/2011	John Williamson

Levee Mile Report Line	39
Start Levee Mile	5.60
End Levee Mile	5.65
Location	Land Side
Category	Earthen Levee
Item	Encroachments
The house and landscape are in the easment of the levee. Fall 2011	
johngw_f_20111118_577.jpg	



Levee Mile Report Line	40
Start Levee Mile	5.76
End Levee Mile	5.86
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #1	
USACE2011_SAC_83-9_R_1.jpg	



Levee Mile Report Line	40
Start Levee Mile	5.76
End Levee Mile	5.86
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #2	
USACE2011_SAC_83-9_R_2.jpg	



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

Levee Inspection Report By Mile - Fall 2011

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.97	11/17/2011 11/28/2011	John Williamson

Levee Mile Report Line	40
Start Levee Mile	5.76
End Levee Mile	5.86
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #3	
USACE2011_SAC_83-9_R_3.jpg	



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