

**Flood Control Project Maintenance
Levee Inspections**

Fall 2010 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

NA0016 Sacramento River West Side Levee District	Overall LMA Rating	Total LMA Miles	* Overall LMA Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall LMA Rating is M instead of A.			
	M *	50.21				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Vegetation	0.09		0.09	0.18%		
Trim / Thin Trees	0.03		0.03	0.06%		
Encroachments	0.12	0.01	0.16	0.32%	3.29	0.01
Animal Control	0.22		0.22	0.44%		
Erosion / Bank Caving	0.02		0.02	0.04%		
Crown Surface / Depressions / Rutting		0.01	0.04	0.08%		
USACE Erosion Survey	0.18		0.18	0.36%		
<i>LMA Totals:</i>	0.66	0.02	0.74	1.47% *	3.29	0.01

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2010 Levee Inspection Results

Sacramento River West Side Levee District

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

** 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

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles
Unit No. 01 Sacramento River	Right	50.21

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			M	
Date of Inspection	3/16/2010		10/12/2010	
DWR Inspector	John Williamson		John Williamson	
Accompanied By	Chad Navarrot RD 108		Chad Navarrot RD 108	
	Alfonso Figueroa RD 108		Alfonso Figueroa RD 108	

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

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	50.21	10/20/2010 10/26/2010	John Williamson

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.98	0.98	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.812727 ° -121.724496 °	38.812727 ° -121.724496 °	6 Y
2	2.44	2.44	Earthen Levee	Encroachments	LS	M	Equipment	38.832537 ° -121.729542 °	38.832537 ° -121.729542 °	3 Y
3	2.83	2.83	Earthen Levee	Encroachments	LS	PO	Landscaping	38.837405 ° -121.731717 °	38.837405 ° -121.731717 °	4 Y
4	3.02	3.02	Earthen Levee	Encroachments	LS	M	Equipment	38.840057 ° -121.731012 °	38.840057 ° -121.731012 °	5 Y
5	3.59	3.97	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch Inspector Comments: concrete lined	38.846767 ° -121.729943 °	38.850758 ° -121.725263 °	8 Y
6	4.66	4.66	Earthen Levee	Encroachments	LS	M	Debris	38.857245 ° -121.731100 °	38.857245 ° -121.731100 °	7 Y
7	4.85	4.85	Earthen Levee	Encroachments	LS	PO	Fences Inspector Comments: chain link fence runs along levee	38.859419 ° -121.732708 °	38.859419 ° -121.732708 °	9 Y
8	5.80	5.80	Earthen Levee	Crown Surface / Depressions / Rutting	CR	U	Add appropriate gravel or road base. Grade and compact. Inspector Comments: depression center of crown app.14" dia. 6" deep need to excavate and recompact.	38.865858 ° -121.747403 °	38.865858 ° -121.747403 °	1 Y
9	6.73	6.73	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	38.866712 ° -121.758605 °	38.866712 ° -121.758605 °	2 Y
10	8.86	8.86	Earthen Levee	Encroachments	LS	PO	Buildings	38.855440 ° -121.784173 °	38.855440 ° -121.784173 °	11 Y
11	9.29	9.29	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	38.860750 ° -121.784717 °	38.860750 ° -121.784717 °	964
12	9.32	9.32	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	38.861258 ° -121.784822 °	38.861258 ° -121.784822 °	965
13	9.39	9.39	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	38.862232 ° -121.785387 °	38.862232 ° -121.785387 °	10
14	10.75	10.93	Earthen Levee	Encroachments	WS	PO	Crops Inspector Comments: new walnut trees planted no permit issued	38.864372 ° -121.803135 °	38.868733 ° -121.803864 °	12
15	11.83	11.83	Earthen Levee	Encroachments	WS	PO	Crops Inspector Comments: new walnut orchard between toe and river app. 80-90 trees	38.876807 ° -121.816028 °	38.876807 ° -121.816028 °	966
16	12.35	12.35	Earthen Levee	Encroachments	CR	PO	Buildings	38.883807 ° -121.817543 °	38.883807 ° -121.817543 °	14
17	12.35	12.35	Earthen Levee	Encroachments	WS	U	Debris Inspector Comments: Concrete rubble dumped on waterside rebar is in the concrete along shoulder.	38.883805 ° -121.817595 °	38.883805 ° -121.817595 °	52 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

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	50.21	10/20/2010 10/26/2010	John Williamson

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
18	12.41	12.41	Earthen Levee	Encroachments	CR	A	Pipe Inspector Comments: drain pipe runs thru levee	38.884497 ° -121.817142 °	38.884497 ° -121.817142 °	13 Y
19	17.37	17.37	Earthen Levee	Animal Control	WS	C	Exterminate rodents and backfill and compact or grout burrows.	38.935030 ° -121.833988 °	38.935030 ° -121.833988 °	968
20	18.41	18.66	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch Inspector Comments: concrete lined	38.946742 ° -121.837557 °	38.950180 ° -121.837760 °	15
21	18.65	18.65	Earthen Levee	Trim / Thin Trees	WS	M	Trim and thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: cut up fallen tree across toe	38.950098 ° -121.837827 °	38.950098 ° -121.837827 °	21
22	18.75	18.75	Earthen Levee	Encroachments	CR	PO	Buildings	38.951400 ° -121.838255 °	38.951400 ° -121.838255 °	16
23	18.75	18.75	Earthen Levee	Trim / Thin Trees	WS	C	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.951458 ° -121.838242 °	38.951458 ° -121.838242 °	17
24	18.89	18.89	Earthen Levee	Encroachments	LS	PO	Landscaping	38.952925 ° -121.840010 °	38.952925 ° -121.840010 °	18 Y
25	18.98	18.98	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: cactus at landside levee toe	38.953975 ° -121.840833 °	38.953975 ° -121.840833 °	20
26	19.04	19.09	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch Inspector Comments: concrete lined	38.954756 ° -121.841432 °	38.955499 ° -121.841271 °	22
27	19.10	19.10	Earthen Levee	Encroachments	LS	M	Debris	38.955612 ° -121.841218 °	38.955612 ° -121.841218 °	24
28	19.22	19.22	Earthen Levee	Encroachments	CR	PO	Buildings	38.956330 ° -121.839277 °	38.956330 ° -121.839277 °	23
29	19.34	19.34	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.957183 ° -121.837323 °	38.957183 ° -121.837323 °	25
30	19.35	19.35	Earthen Levee	Encroachments	LS	M	Equipment	38.957232 ° -121.837258 °	38.957232 ° -121.837258 °	26
31	19.36	20.13	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	38.957332 ° -121.837043 °	38.966719 ° -121.835880 °	31
32	20.96	22.34	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	38.974042 ° -121.825713 °	38.989532 ° -121.816695 °	32
33	21.07	21.07	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.974283 ° -121.823670 °	38.974283 ° -121.823670 °	33
34	22.93	22.93	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.989943 ° -121.805900 °	38.989943 ° -121.805900 °	27
35	23.00	23.00	Earthen Levee	Trim / Thin Trees	LS	M	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.989785 ° -121.804702 °	38.989785 ° -121.804702 °	28

* 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

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	50.21	10/20/2010 10/26/2010	John Williamson

LWR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
36	23.05	23.05	Earthen Levee	Encroachments	LS	M	Debris Inspector Comments: concrete pipe rings	38.989902 ° -121.803855 °	38.989902 ° -121.803855 °	38
37	23.05	23.05	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.989907 ° -121.803855 °	38.989907 ° -121.803855 °	35
38	23.14	23.14	Earthen Levee	Trim / Thin Trees	LS	M	Trim and thin trees to allow visibility of the ground and room to flood fight.	38.990035 ° -121.802152 °	38.990035 ° -121.802152 °	30
39	23.14	23.14	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.990040 ° -121.802152 °	38.990040 ° -121.802152 °	29
40	23.59	23.59	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	38.994770 ° -121.796282 °	38.994770 ° -121.796282 °	53
41	23.90	23.90	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	38.997858 ° -121.798978 °	38.997858 ° -121.798978 °	55 Y
42	23.94	23.94	Earthen Levee	Encroachments	WS	M	Prunings	38.998042 ° -121.799700 °	38.998042 ° -121.799700 °	19 Y
43	23.98	23.98	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	38.998385 ° -121.800552 °	38.998385 ° -121.800552 °	56 Y
44	24.10	24.10	Earthen Levee	Animal Control	CR	C	Exterminate rodents and backfill and compact or grout borrows.	38.999220 ° -121.802048 °	38.999220 ° -121.802048 °	969
45	24.69	24.69	Earthen Levee	Encroachments	WS	M	Prunings	39.004445 ° -121.810368 °	39.004445 ° -121.810368 °	39
46	25.13	25.13	Earthen Levee	Encroachments	LS	PO	Landscaping	39.005240 ° -121.818123 °	39.005240 ° -121.818123 °	34 Y
47	26.02	26.02	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	39.014093 ° -121.826532 °	39.014093 ° -121.826532 °	970
48	26.06	26.22	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2009: 10 ft berm, 1:1 slope, tree hazards and holes, clays and silts, 4.64 ft/s [2009 SiteID:SAC_118-0_R]	39.016400 ° -121.824231 °	39.014500 ° -121.825881 °	49 Y
49	26.45	26.45	Earthen Levee	Animal Control	LS	C	Exterminate rodents and backfill and compact or grout burrows.	39.019479 ° -121.822397 °	39.019479 ° -121.822397 °	40
50	27.00	27.00	Earthen Levee	Encroachments	WS	C	Prunings	39.027085 ° -121.823585 °	39.027085 ° -121.823585 °	36
51	27.83	27.83	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	39.034430 ° -121.833473 °	39.034430 ° -121.833473 °	57
52	27.85	27.85	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	39.034620 ° -121.833378 °	39.034620 ° -121.833378 °	37
53	28.37	28.37	Earthen Levee	Encroachments	WS	M	Debris Inspector Comments: piles of concrete	39.040793 ° -121.835445 °	39.040793 ° -121.835445 °	59 Y

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

Levee Inspection Report By Mile - Fall 2010

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	50.21	10/20/2010 10/26/2010	John Williamson

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
54	31.81	31.83	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2009: 15 ft berm, vertical slope, no stability issues, clays and silts, 5.3 ft/s [2009 SiteID:SAC_123-7_R]	39.066900 ° -121.867322 °	39.067003 ° -121.866914 °	50 Y
55	32.01	32.01	Earthen Levee	Encroachments	WS	PO	Buildings Inspector Comments: Old concrete pumphouse on shoulder open needs to be sealed up.	39.066147 ° -121.870425 °	39.066147 ° -121.870425 °	60
56	32.42	32.42	Earthen Levee	Vegetation	WS	M	Elderberries are blocking visibility and flood fight capability.	39.069130 ° -121.876638 °	39.069130 ° -121.876638 °	41
57	32.43	32.56	Earthen Levee	Encroachments	WS	PO	Buildings Inspector Comments: Grimes Boat Landing	39.069487 ° -121.876817 °	39.070063 ° -121.879062 °	42
58	33.37	33.37	Earthen Levee	Encroachments	LS	PO	Buildings Inspector Comments: This is the town of Grimes.	39.074331 ° -121.891989 °	39.074331 ° -121.891989 °	43
59	33.58	33.58	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	39.076762 ° -121.894200 °	39.076762 ° -121.894200 °	44
60	36.46	36.46	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	39.109561 ° -121.910000 °	39.109561 ° -121.910000 °	63
61	36.72	36.72	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	39.112628 ° -121.912662 °	39.112628 ° -121.912662 °	48
62	38.19	38.19	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	39.127022 ° -121.928632 °	39.127022 ° -121.928632 °	61
63	39.91	39.91	Earthen Levee	Erosion / Bank Caving	LS	M	Schedule repair of erosion site prior to the next inspection. Inspector Comments: erosion and caving was caused by old rodent holes and this area needs to dug up and compacted.	39.144930 ° -121.936163 °	39.144930 ° -121.936163 °	62 Y
64	41.23	41.23	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	39.147745 ° -121.918457 °	39.147745 ° -121.918457 °	72
65	41.34	41.34	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	39.149333 ° -121.918432 °	39.149333 ° -121.918432 °	73 Y
66	41.54	41.54	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	39.151883 ° -121.919998 °	39.151883 ° -121.919998 °	64
67	41.54	41.54	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	39.151883 ° -121.920026 °	39.151883 ° -121.920026 °	65
68	41.88	41.88	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	39.154919 ° -121.924908 °	39.154919 ° -121.924908 °	66
69	42.87	42.87	Earthen Levee	Animal Control	LS	C	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	39.164722 ° -121.936981 °	39.164722 ° -121.936981 °	67
70	43.61	43.61	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	39.174819 ° -121.941255 °	39.174819 ° -121.941255 °	68

* 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

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	50.21	10/20/2010 10/26/2010	John Williamson

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
71	43.68	43.68	Earthen Levee	Encroachments	WS PO	Fences		39.175597 ° -121.942010 °	39.175597 ° -121.942010 °	51 Y
72	43.76	43.76	Earthen Levee	Encroachments	LS PO	Buildings		39.176429 ° -121.942889 °	39.176429 ° -121.942889 °	46 Y
73	43.77	43.77	Earthen Levee	Encroachments	WS PO	Fences		39.176597 ° -121.943107 °	39.176597 ° -121.943107 °	69
74	43.84	43.84	Earthen Levee	Animal Control	WS C	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.		39.177217 ° -121.943947 °	39.177217 ° -121.943947 °	70
75	43.93	43.93	Earthen Levee	Animal Control	LS C	Exterminate rodents and backfill and compact or grout burrows.		39.178239 ° -121.945159 °	39.178239 ° -121.945159 °	977
76	44.29	44.29	Earthen Levee	Animal Control	WS M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.		39.182950 ° -121.945907 °	39.182950 ° -121.945907 °	71 Y
77	44.87	44.87	Earthen Levee	Encroachments	WS M	Prunings		39.189325 ° -121.940190 °	39.189325 ° -121.940190 °	45
78	45.61	45.61	Earthen Levee	Erosion / Bank Caving	LS M	Schedule repair of erosion site prior to the next inspection.		39.195482 ° -121.948140 °	39.195482 ° -121.948140 °	74 Y
79	46.19	46.19	Earthen Levee	Encroachments	LS C	Prunings		39.190931 ° -121.957123 °	39.190931 ° -121.957123 °	979
80	47.57	47.57	Earthen Levee	Encroachments	LS CO	Landscaping Inspector Comments: cactus on slope and toe of levee, landscape continues along roadway with fence and stairs		39.188577 ° -121.979388 °	39.188577 ° -121.979388 °	54 Y
81	47.64	47.64	Earthen Levee	Encroachments	WS M	Prunings		39.189247 ° -121.980483 °	39.189247 ° -121.980483 °	75
82	49.61	49.61	Earthen Levee	Animal Control	LS M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.		39.210690 ° -121.990995 °	39.210690 ° -121.990995 °	76
83	49.64	49.64	Earthen Levee	Encroachments	WS M	Prunings		39.211080 ° -121.991378 °	39.211080 ° -121.991378 °	77 Y
84	49.79	49.79	Earthen Levee	Animal Control	LS M	Exterminate rodents and backfill and compact or grout burrows.		39.212560 ° -121.993522 °	39.212560 ° -121.993522 °	980
85	50.11	50.11	Earthen Levee	Encroachments	LS PO	Landscaping Inspector Comments: Agave plants at toe of levee		39.213613 ° -121.998997 °	39.213613 ° -121.998997 °	58

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

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	50.21	10/20/2010 10/26/2010	John Williamson

Levee Mile Report Line	1
Start Levee Mile	0.98
End Levee Mile	0.98
Location	Land Side
Category	Earthen Levee
Item	Vegetation
trees and berries	
johngw_f_20101012_066.jpg	



Levee Mile Report Line	2
Start Levee Mile	2.44
End Levee Mile	2.44
Location	Land Side
Category	Earthen Levee
Item	Encroachments
equipment within the easement	
johngw_f_20101012_064.jpg	



Levee Mile Report Line	3
Start Levee Mile	2.83
End Levee Mile	2.83
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Landscape at River Garden Farms.	
johngw_f_20101025_251.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

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	50.21	10/20/2010 10/26/2010	John Williamson

Levee Mile Report Line	4
Start Levee Mile	3.02
End Levee Mile	3.02
Location	Land Side
Category	Earthen Levee
Item	Encroachments
along toe	
johngw_f_20101012_065.jpg	



Levee Mile Report Line	5
Start Levee Mile	3.59
End Levee Mile	3.97
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Concrete lined ag ditch along toe of levee.	
johngw_f_20101025_252.jpg	



Levee Mile Report Line	6
Start Levee Mile	4.66
End Levee Mile	4.66
Location	Land Side
Category	Earthen Levee
Item	Encroachments
debris at toe also pile of concrete debris	
johngw_f_20101012_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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	50.21	10/20/2010 10/26/2010	John Williamson

Levee Mile Report Line	7
Start Levee Mile	4.85
End Levee Mile	4.85
Location	Land Side
Category	Earthen Levee
Item	Encroachments
chain link fence along toe	
johnngw_f_20101012_068.jpg	



Levee Mile Report Line	8
Start Levee Mile	5.80
End Levee Mile	5.80
Location	Crown
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting
Hole in the center of levee crown unknown cause of the depression. Needs to be address before winter.	
johnngw_f_20101025_253.jpg	



Levee Mile Report Line	9
Start Levee Mile	6.73
End Levee Mile	6.73
Location	Water Side
Category	Earthen Levee
Item	Animal Control
A fairly large rodent hole on the waterward side.	
johnngw_f_20101025_254.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

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	50.21	10/20/2010 10/26/2010	John Williamson

Levee Mile Report Line	10
Start Levee Mile	8.86
End Levee Mile	8.86
Location	Land Side
Category	Earthen Levee
Item	Encroachments
out building is within the easement	
johngw_f_20101012_069.jpg	



Levee Mile Report Line	17
Start Levee Mile	12.35
End Levee Mile	12.35
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Concrete debris on the waterside with rebar still in the concrete. Must remove all rebar from debris or remove all debris.	
johngw_f_20101025_255.jpg	



Levee Mile Report Line	18
Start Levee Mile	12.41
End Levee Mile	12.41
Location	Crown
Category	Earthen Levee
Item	Encroachments
landside view of drain pipe	
johngw_f_20101012_070.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

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	50.21	10/20/2010 10/26/2010	John Williamson

Levee Mile Report Line	18
Start Levee Mile	12.41
End Levee Mile	12.41
Location	Crown
Category	Earthen Levee
Item	Encroachments
waterside view of pipe	
johngw_f_20101012_071.jpg	



Levee Mile Report Line	24
Start Levee Mile	18.89
End Levee Mile	18.89
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Groundcover and trees planted on landside levee slope.	
johngw_f_20101025_256.jpg	



Levee Mile Report Line	41
Start Levee Mile	23.90
End Levee Mile	23.90
Location	Water Side
Category	Earthen Levee
Item	Animal Control
Rodent hole landside levee slope many in the area.	
johngw_f_20101025_257.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

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	50.21	10/20/2010 10/26/2010	John Williamson

Levee Mile Report Line	42
Start Levee Mile	23.94
End Levee Mile	23.94
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Pruning pile ready to burn on the waterside of the levee.	
johngw_f_20101025_258.jpg	



Levee Mile Report Line	43
Start Levee Mile	23.98
End Levee Mile	23.98
Location	Water Side
Category	Earthen Levee
Item	Animal Control
Many large rodent burrows along the waterside levee slope.	
johngw_f_20101025_259.jpg	



Levee Mile Report Line	46
Start Levee Mile	25.13
End Levee Mile	25.13
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Groundcover and trees planted on the landside levee slope. The landscape is also irrigated.	
johngw_f_20101025_260.jpg	



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	50.21	10/20/2010 10/26/2010	John Williamson

Levee Mile Report Line	48
Start Levee Mile	26.06
End Levee Mile	26.22
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
2009: 10 ft berm, 1:1 slope, tree hazards and holes, clays and silts, 4.64 ft/s [2009 SiteID:SAC_118-0_R]	
johngw_f_20101012_072.JPG	



Levee Mile Report Line	53
Start Levee Mile	28.37
End Levee Mile	28.37
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Concrete debris on waterside levee slope.	
johngw_f_20101025_261.jpg	



Levee Mile Report Line	54
Start Levee Mile	31.81
End Levee Mile	31.83
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
2009: 15 ft berm, vertical slope, no stability issues, clays and silts, 5.3 ft/s [2009 SiteID:SAC_123-7_R]	
johngw_f_20101012_073.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

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	50.21	10/20/2010 10/26/2010	John Williamson

Levee Mile Report Line	63
Start Levee Mile	39.91
End Levee Mile	39.91
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving
This erosion is caused by old rodent holes.	
johngw_f_20101025_262.jpg	



Levee Mile Report Line	63
Start Levee Mile	39.91
End Levee Mile	39.91
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Levee slope caving in.	
johngw_f_20101025_263.jpg	



Levee Mile Report Line	63
Start Levee Mile	39.91
End Levee Mile	39.91
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Close up of the damage to the slope.	
johngw_f_20101025_264.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

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	50.21	10/20/2010 10/26/2010	John Williamson

Levee Mile Report Line	63
Start Levee Mile	39.91
End Levee Mile	39.91
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving
<p>Over view of the eroision needs to adressed as soon as possible.</p>	
<p>johngw_f_20101025_265.jpg</p>	



Levee Mile Report Line	65
Start Levee Mile	41.34
End Levee Mile	41.34
Location	Land Side
Category	Earthen Levee
Item	Animal Control
<p>A large rodent hole on the landside.</p>	
<p>johngw_f_20101101_266.jpg</p>	



Levee Mile Report Line	71
Start Levee Mile	43.68
End Levee Mile	43.68
Location	Water Side
Category	Earthen Levee
Item	Encroachments
<p>Fence is along the landside shoulder to prevent animals from entering the landscape.</p>	
<p>johngw_f_20101101_267.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**

Levee Inspection Report By Mile - Fall 2010

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	50.21	10/20/2010 10/26/2010	John Williamson

Levee Mile Report Line	72
Start Levee Mile	43.76
End Levee Mile	43.76
Location	Land Side
Category	Earthen Levee
Item	Encroachments

The corner of the house in the photo is encroaching into the easement.

johngw_f_20101101_268.jpg



Levee Mile Report Line	76
Start Levee Mile	44.29
End Levee Mile	44.29
Location	Water Side
Category	Earthen Levee
Item	Animal Control

Large mounds of soil from rodents on the waterside. There are many holes in the area.

johngw_f_20101101_269.jpg



Levee Mile Report Line	76
Start Levee Mile	44.29
End Levee Mile	44.29
Location	Water Side
Category	Earthen Levee
Item	Animal Control

Here is another photo of the mounds.

johngw_f_20101101_272.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

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	50.21	10/20/2010 10/26/2010	John Williamson

Levee Mile Report Line	78
Start Levee Mile	45.61
End Levee Mile	45.61
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving
<p>This is eroision from old rodent holes the area needs to be dug up and recompacted.</p>	
<p>johngw_f_20101101_270.jpg</p>	



Levee Mile Report Line	78
Start Levee Mile	45.61
End Levee Mile	45.61
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving
<p>A close up view of the eroision to show the depth of the eroision.</p>	
<p>johngw_f_20101101_271.jpg</p>	



Levee Mile Report Line	80
Start Levee Mile	47.57
End Levee Mile	47.57
Location	Land Side
Category	Earthen Levee
Item	Encroachments
<p>Cactus is planted on the landside slope of the levee.</p>	
<p>johngw_f_20101101_273.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**

Levee Inspection Report By Mile - Fall 2010

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	50.21	10/20/2010 10/26/2010	John Williamson

Levee Mile Report Line	80
Start Levee Mile	47.57
End Levee Mile	47.57
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Landscaping along the shoulder and landside levee slope.	
johngw_f_20101101_274.jpg	



Levee Mile Report Line	83
Start Levee Mile	49.64
End Levee Mile	49.64
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Prunings that did not completely burn and are on the waterside slope.	
johngw_f_20101101_275.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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