

**Flood Control Project Maintenance
Levee Inspections**

Fall 2012 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

LD0003	Overall LMA Rating	Total LMA Miles						
Levee District No. 0003 (Glenn County)	M	12.24						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Trim / Thin Trees	0.19		0.19	1.55%				
Encroachments	0.20		0.20	1.63%	0.01	0.03		
Animal Control	1.79		1.79	14.62%				
Slope Stability	0.06		0.06	0.49%				
<i>Supplemental</i>								
USACE Erosion Survey	0.03		0.03	0.25%				
<i>LMA Totals:</i>	2.27	0.00	2.27	18.55%	0.01	0.03	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections****LMA District Cover Sheet
Fall 2012 Levee Inspection Results****Levee District No. 0003 (Glenn County)**

	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 2012 Levee Inspection Results

Levee District No. 0003 (Glenn County)

Waterway			Bank	Unit Miles
Unit No. 01 Glenn County Sacramento River			Left	12.24
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			M	
Date of Inspection	05/08/2012 - 05/08/2012		11/14/2012 - 11/14/2012	
DWR Inspector	Bob Duffey		Bob Duffey	
Accompanied By	Tod Southam		Tod Southam	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Levee District No. 0003 (Glenn County)

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River				Left	12.24	11/14/2012 11/14/2012	Bob Duffey

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1			Earthen Levee	Emergency Supplies & Equipment	LS	A Ma		°	°	54
DWR ID: DWR_LD0003_01_s_2012_54										
2			Earthen Levee	Operations & Maintenance Manuals	LS	A Ma		°	°	55
DWR ID: DWR_LD0003_01_s_2012_55										
3			Earthen Levee	Flood Preparedness & Training	LS	A Ma		°	°	56
DWR ID: DWR_LD0003_01_s_2012_56										
4	0.23	0.29	Earthen Levee	Animal Control	LS	M Ma	A1 : Exterminate rodents and backfill and compact or grout burrows.	39.387018 ° -121.990742 °	39.387682 ° -121.991255 °	10 Y
DWR ID: DWR_LD0003_01_s_2012_10										
5	0.56	0.63	Earthen Levee	Animal Control	LS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.389390 ° -121.995539 °	39.389219 ° -121.996854 °	23
DWR ID: DWR_LD0003_01_s_2012_23										
6	0.75	0.75	Earthen Levee	Animal Control	LS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.388323 ° -121.998727 °	39.388323 ° -121.998727 °	3 Y
DWR ID: DWR_LD0003_01_s_2012_3										
7	0.78	0.92	Earthen Levee	Animal Control	LS	A Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.388425 ° -121.999190 °	39.389890 ° -122.000667 °	20 Y
DWR ID: DWR_LD0003_01_s_2012_20										
8	1.20	1.27	Earthen Levee	Animal Control	LS	M Ma	A1 : Exterminate rodents and backfill and compact or grout burrows.	39.393653 ° -122.000865 °	39.394658 ° -122.001022 °	49
DWR ID: DWR_LD0003_01_s_2012_49										
9	1.22	1.28	Earthen Levee	Animal Control	LS	A Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.394070 ° -122.001016 °	39.394918 ° -122.001114 °	24
DWR ID: DWR_LD0003_01_s_2012_24										
10	1.35	1.35	Supplemental	USACE Erosion Survey	WS	M Ma	Inspector Comments: 2000 - Snags along toe at downstream end; slow erosion. 2001 - A couple of small fresh slumps in the lower bank section. 2006 - Some minor new erosion at the downstream end. 2009 - Some new erosion. 2010 - New toe erosion. 2011 - Minor new erosion. 2012: Minor new erosion at the toe. [2012 Site ID: SAC_163-0_L]	39.399959 ° -122.003522 °	39.395982 ° -122.002451 °	8 Y
DWR ID:										
11	1.74	1.80	Earthen Levee	Animal Control	WS	M Ma	A1 : Exterminate rodents and backfill and compact or grout burrows.	39.401170 ° -122.002186 °	39.402123 ° -122.002067 °	58 Y
DWR ID: DWR_LD0003_01_s_2012_58										
12	1.74	1.79	Earthen Levee	Animal Control	LS	A Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.401250 ° -122.002133 °	39.401927 ° -122.002095 °	50
DWR ID: DWR_LD0003_01_s_2012_50										
13	1.80	2.45	Earthen Levee	Animal Control	WS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.402115 ° -122.002047 °	39.406538 ° -121.994995 °	13
DWR ID: DWR_LD0003_01_s_2012_13										

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Levee District No. 0003 (Glenn County)

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River				Left	12.24	11/14/2012 11/14/2012	Bob Duffey

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
14	1.85	2.44	Earthen Levee	Animal Control	LS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.402738 ° -122.001907 °	39.406557 ° -121.995052 °	15
DWR ID: DWR_LD0003_01_s_2012_15										
15	3.24	3.24	Earthen Levee	Animal Control	LS	A Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.415608 ° -121.992985 °	39.415613 ° -121.992983 °	17
DWR ID: DWR_LD0003_01_s_2012_17										
16	3.44	3.44	Earthen Levee	Slope Stability	LS	M Ma	S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.	39.418267 ° -121.992472 °	39.418267 ° -121.992472 °	9 Y
DWR ID: DWR_LD0003_01_s_2012_9										
17	3.50	3.50	Earthen Levee	Animal Control	LS	A Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.419232 ° -121.992345 °	39.419232 ° -121.992345 °	16
DWR ID: DWR_LD0003_01_s_2012_16										
18	3.81	3.81	Earthen Levee	Animal Control	LS	A Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.423490 ° -121.991730 °	39.423490 ° -121.991730 °	18
DWR ID: DWR_LD0003_01_s_2012_18										
19	3.82	3.82	Earthen Levee	Slope Stability	LS	M Ma	S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.	39.423747 ° -121.991667 °	39.423747 ° -121.991667 °	19 Y
DWR ID: DWR_LD0003_01_s_2012_19										
20	4.25	4.25	Earthen Levee	Encroachments	WS	M Ma	PR : Prunings	39.428793 ° -121.987495 °	39.428793 ° -121.987495 °	1 Y
DWR ID: DWR_LD0003_01_s_2012_1										
21	4.91	4.91	Earthen Levee	Encroachments	LS	M En	DE : Debris	39.437976 ° -121.988780 °	39.437976 ° -121.988780 °	59 Y
DWR ID: DWR_LD0003_01_s_2012_59										
22	5.17	5.30	Earthen Levee	Animal Control	LS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.441448 ° -121.990597 °	39.443140 ° -121.990965 °	2 Y
DWR ID: DWR_LD0003_01_s_2012_2										
23	5.19	5.34	Earthen Levee	Animal Control	LS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.441598 ° -121.990677 °	39.443793 ° -121.991297 °	21
DWR ID: DWR_LD0003_01_s_2012_21										
24	5.56	5.77	Earthen Levee	Animal Control	LS	A Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.446890 ° -121.991657 °	39.449917 ° -121.991992 °	11 Y
DWR ID: DWR_LD0003_01_s_2012_11										
25	5.62	5.62	Earthen Levee	Encroachments	LS	M Ma	PR : Prunings	39.447767 ° -121.991575 °	39.447767 ° -121.991575 °	22
DWR ID: DWR_LD0003_01_s_2012_22										
26	5.87	5.99	Earthen Levee	Encroachments	LS	M Ma	AV : Abandoned vehicles	39.451293 ° -121.992370 °	39.452872 ° -121.992897 °	25 Y
DWR ID: DWR_LD0003_01_s_2012_25										

*** Location**

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A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	12.24	11/14/2012 11/14/2012	Bob Duffey

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
27	5.96	5.96	Supplemental	USACE Erosion Survey	WS	M Ma	Inspector Comments: 1997 - Erosion of top left bank; eroding downstream of rock section where levee is closest to the bank, approximately 40 to 50 ft of bank retreat, some berm left. 1999 - Some new beach sedimentation at toe. 2000 - Snags in eddy area could induce bank erosion at higher flows. 2002 - Small bar is gone. 2003 - Bar is present and higher. 2004 - Some new deposition on the bank at the upstream end. 2006 - New sand on bar and bank. 2007 - New sand deposition with vegetation colonizing bars between dikes. 2008 - More eddy sedimentation and vegetation on bar along bank. Bank is healing due to retreat of right bank. 2009 - Additional bar sedimentation. 2010 - some deposition at toe, new erosion on opposite bank. Site continues to heal. 2012: Majority of site healed but upstream end still needs toe rock. [2012 Site ID: SAC_168-3_L]	39.455096 ° -121.994217 °	39.453930 ° -121.993896 °	26 Y
DWR ID:										
28	6.36	6.42	Earthen Levee	Trim / Thin Trees	LS	M Ma	T1 : Trim trees to at least five feet above ground level.	39.457968 ° -121.993712 °	39.458797 ° -121.993753 °	7
DWR ID: DWR_LD0003_01_s_2012_7										
29	6.41	6.50	Earthen Levee	Trim / Thin Trees	WS	M Ma	T1 : Trim trees to at least five feet above ground level.	39.458587 ° -121.993777 °	39.459912 ° -121.993592 °	48
DWR ID: DWR_LD0003_01_s_2012_48										
30	6.69	6.69	Earthen Levee	Slope Stability	LS	M Ma	S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.	39.462505 ° -121.992698 °	39.462505 ° -121.992698 °	34
DWR ID: DWR_LD0003_01_s_2012_34										
31	6.69	6.69	Earthen Levee	Encroachments	WS	M Ma	GA : Garbage	39.462568 ° -121.992670 °	39.462568 ° -121.992670 °	33
DWR ID: DWR_LD0003_01_s_2012_33										
32	6.71	6.71	Earthen Levee	Encroachments	WS	U En	BU : Building	39.462815 ° -121.992723 °	39.462815 ° -121.992723 °	45
DWR ID: DWR_LD0003_01_s_2012_45										
33	6.71	6.71	Earthen Levee	Encroachments	WS	M Ma	EQ : Equipment	39.462820 ° -121.992732 °	39.462820 ° -121.992732 °	47
DWR ID: DWR_LD0003_01_s_2012_47										
34	6.72	6.72	Earthen Levee	Encroachments	WS	M Ma	AV : Abandoned vehicles	39.462985 ° -121.992693 °	39.462985 ° -121.992693 °	36
DWR ID: DWR_LD0003_01_s_2012_36										
35	6.73	6.73	Earthen Levee	Encroachments	LS	U En	BU : Building	39.463100 ° -121.992687 °	39.463100 ° -121.992687 °	46
DWR ID: DWR_LD0003_01_s_2012_46										
36	6.74	6.74	Earthen Levee	Slope Stability	LS	M Ma	S1 : Repair slope instability. Inspector Comments: Building has burnt down.	39.463366 ° -121.992586 °	39.463366 ° -121.992586 °	12 Y
DWR ID: DWR_LD0003_01_f_2012_12										
37	6.76	6.76	Earthen Levee	Encroachments	WS	M Ma	EQ : Equipment	39.463463 ° -121.992563 °	39.463463 ° -121.992563 °	44
DWR ID: DWR_LD0003_01_s_2012_44										

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Levee District No. 0003 (Glenn County)

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River							Left	12.24	11/14/2012 11/14/2012	Bob Duffey
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
38	6.87	6.87	Earthen Levee	Animal Control	LS	A Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.464957 ° -121.991602 °	39.464957 ° -121.991602 °	43
								DWR ID: DWR_LD0003_01_s_2012_43		
39	6.88	6.88	Earthen Levee	Trim / Thin Trees	LS	M Ma	T1 : Trim trees to at least five feet above ground level.	39.465013 ° -121.991455 °	39.465013 ° -121.991455 °	35 Y
								DWR ID: DWR_LD0003_01_s_2012_35		
40	6.91	6.92	Earthen Levee	Encroachments	LS	U En	BU : Building	39.465567 ° -121.991415 °	39.465595 ° -121.991412 °	42 Y
								DWR ID: DWR_LD0003_01_s_2012_42		
41	7.34	7.34	Earthen Levee	Slope Stability	LS	M Ma	S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.	39.471658 ° -121.991245 °	39.471658 ° -121.991245 °	14 Y
								DWR ID: DWR_LD0003_01_s_2012_14		
42	7.36	7.36	Earthen Levee	Encroachments	LS	M Ma	PR : Prunings	39.471832 ° -121.991302 °	39.471832 ° -121.991302 °	41
								DWR ID: DWR_LD0003_01_s_2012_41		
43	7.43	7.43	Earthen Levee	Animal Control	LS	A Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.472850 ° -121.991267 °	39.472850 ° -121.991267 °	39
								DWR ID: DWR_LD0003_01_s_2012_39		
44	7.50	7.50	Earthen Levee	Encroachments	LS	M Ma	DE : Debris	39.473793 ° -121.991208 °	39.473793 ° -121.991208 °	37
								DWR ID: DWR_LD0003_01_s_2012_37		
45	9.34	9.39	Earthen Levee	Encroachments	LS	A/W Ma	PI : Pipe	39.497837 ° -121.987317 °	39.498533 ° -121.986982 °	27
								DWR ID: DWR_LD0003_01_s_2012_27		
46	9.40	9.44	Earthen Levee	Animal Control	LS	A Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.498600 ° -121.986847 °	39.499155 ° -121.986672 °	28
								DWR ID: DWR_LD0003_01_s_2012_28		
47	9.60	9.60	Supplemental	USACE Erosion Survey	WS	M Ma	Inspector Comments: 2007 - Getting close to the levee. Bank is clayey silt with clayey/silty toe. 2008 - Looks a little worse at the upstream end. 2009 - Some new erosion and slumping. 2010 - Some new erosion upstream of site, actively eroding at low flow. New bank swallow colony noted. 2011 - Significant erosion since last year, with an estimated 10 to 15 feet of berm lost. Large sections of the bank have slumped off. 2012: Part of the site appears to be stabilizing, but still minor slumping in other locations. [2012 Site ID: SAC_172-0_L]	39.508117 ° -121.986562 °	39.504388 ° -121.985301 °	31 Y
								DWR ID:		
48	10.36	10.47	Earthen Levee	Trim / Thin Trees	WS	N Ma	T5 : Tree stumps.	39.511788 ° -121.983750 °	39.512395 ° -121.981975 °	5
								DWR ID: DWR_LD0003_01_s_2012_5		
49	10.73	10.73	Earthen Levee	Trim / Thin Trees	WS	N Ma	T5 : Tree stumps.	39.515342 ° -121.979202 °	39.515342 ° -121.979202 °	29 Y
								DWR ID: DWR_LD0003_01_s_2012_29		
50	10.90	10.90	Earthen Levee	Trim / Thin Trees	WS	N Ma	T5 : Tree stumps.	39.517715 ° -121.979155 °	39.517715 ° -121.979155 °	30 Y
								DWR ID: DWR_LD0003_01_s_2012_30		

*** Location**

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+ Issue Type

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Levee District No. 0003 (Glenn County)

Waterway					Bank	Unit Miles	Inspection Start/End		Inspector
Unit No. 01 Glenn County Sacramento River					Left	12.24	11/14/2012 11/14/2012		Bob Duffey

LMR No.	Levee Mile		Category	Item	Location *	Rating +	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
51	11.05	11.05	Earthen Levee	Animal Control	WS	A	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.519730 ° -121.978592 °	39.519730 ° -121.978592 °	32 Y
DWR ID: DWR_LD0003_01_s_2012_32										
52	11.22	11.25	Earthen Levee	Trim / Thin Trees	LS	M	T2 : Thin trees to allow visibility of the ground and room to flood fight.	39.522058 ° -121.979133 °	39.522480 ° -121.979200 °	4 Y
DWR ID: DWR_LD0003_01_s_2012_4										
53	11.29	11.29	Earthen Levee	Slope Stability	WS	M	S1 : Repair slope instability.	39.522921 ° -121.979172 °	39.522921 ° -121.979172 °	6 Y
DWR ID: DWR_LD0003_01_f_2012_6										

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	12.24	11/14/2012 11/14/2012	Bob Duffey

Levee Mile Report Line	4
Start Levee Mile	0.23
End Levee Mile	0.29
Location	Land Side
Category	Earthen Levee
Item	Animal Control

View of squirrel holes along the slope.

rduffey_f_20120911_035.jpg



Levee Mile Report Line	6
Start Levee Mile	0.75
End Levee Mile	0.75
Location	Land Side
Category	Earthen Levee
Item	Animal Control

View of squirrel holes along the slope.

rduffey_f_20120911_029.jpg



Levee Mile Report Line	7
Start Levee Mile	0.78
End Levee Mile	0.92
Location	Land Side
Category	Earthen Levee
Item	Animal Control

View of the rodent holes along the L/S slope.

rduffey_f_20120911_039.jpg



*** Location**

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Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	12.24	11/14/2012 11/14/2012	Bob Duffey

Levee Mile Report Line	10
Start Levee Mile	1.35
End Levee Mile	1.35
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

USACE2012_SAC_163-0_L_1.jpg



Levee Mile Report Line	10
Start Levee Mile	1.35
End Levee Mile	1.35
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

USACE2012_SAC_163-0_L_2.jpg



Levee Mile Report Line	10
Start Levee Mile	1.35
End Levee Mile	1.35
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #3

USACE2012_SAC_163-0_L_3.jpg

*** Location**

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Levee Inspection Report By Mile - Fall 2012

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	12.24	11/14/2012 11/14/2012	Bob Duffey

Levee Mile Report Line	11
Start Levee Mile	1.74
End Levee Mile	1.80
Location	Water Side
Category	Earthen Levee
Item	Animal Control

View of the rodent holes along the waterside slope.

rduffey_f_20120911_052.jpg



Levee Mile Report Line	16
Start Levee Mile	3.44
End Levee Mile	3.44
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

View of the vehicle erosion on the landside slope of the levee.

rduffey_f_20120911_034.jpg



Levee Mile Report Line	19
Start Levee Mile	3.82
End Levee Mile	3.82
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

View of vehicle erosion on the slope.

rduffey_f_20120911_038.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	12.24	11/14/2012 11/14/2012	Bob Duffey

Levee Mile Report Line	20
Start Levee Mile	4.25
End Levee Mile	4.25
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of prunings along the W/S toe.

rduffey_f_20120911_027.jpg



Levee Mile Report Line	21
Start Levee Mile	4.91
End Levee Mile	4.91
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the tree stakes & debris along the landside toe.

rduffey_f_20120911_053.jpg



Levee Mile Report Line	22
Start Levee Mile	5.17
End Levee Mile	5.30
Location	Land Side
Category	Earthen Levee
Item	Animal Control

View of squirrel holes along the slope.

rduffey_f_20120911_028.jpg



*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	12.24	11/14/2012 11/14/2012	Bob Duffey

Levee Mile Report Line	24
Start Levee Mile	5.56
End Levee Mile	5.77
Location	Land Side
Category	Earthen Levee
Item	Animal Control

View of the rodent holes along the L/S slope.

rduffey_f_20120911_036.jpg



Levee Mile Report Line	26
Start Levee Mile	5.87
End Levee Mile	5.99
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the equipment along the L/S toe.

rduffey_f_20120911_040.jpg



Levee Mile Report Line	27
Start Levee Mile	5.96
End Levee Mile	5.96
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

USACE2012_SAC_168-3_L_1.jpg



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	12.24	11/14/2012 11/14/2012	Bob Duffey

Levee Mile Report Line	27
Start Levee Mile	5.96
End Levee Mile	5.96
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

USACE2012_SAC_168-3_L_2.jpg



Levee Mile Report Line	36
Start Levee Mile	6.74
End Levee Mile	6.74
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

View of concrete stairs & foundation along the slope of the levee.

rduffey_f_20121126_339.JPG



Levee Mile Report Line	39
Start Levee Mile	6.88
End Levee Mile	6.88
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

View of the trees that are hanging over the landside slope of the levee.

rduffey_f_20120911_044.jpg



*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	12.24	11/14/2012 11/14/2012	Bob Duffey

Levee Mile Report Line	40
Start Levee Mile	6.91
End Levee Mile	6.92
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the building along the L/S toe.

rduffey_f_20120911_046.jpg



Levee Mile Report Line	41
Start Levee Mile	7.34
End Levee Mile	7.34
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

Vehicle erosion along the slope.

rduffey_f_20120911_037.jpg



Levee Mile Report Line	47
Start Levee Mile	9.60
End Levee Mile	9.60
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

USACE2012_SAC_172-0_L_1.jpg



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	12.24	11/14/2012 11/14/2012	Bob Duffey

Levee Mile Report Line	47
Start Levee Mile	9.60
End Levee Mile	9.60
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

USACE2012_SAC_172-0_L_2.jpg



Levee Mile Report Line	47
Start Levee Mile	9.60
End Levee Mile	9.60
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #3

USACE2012_SAC_172-0_L_3.jpg



Levee Mile Report Line	49
Start Levee Mile	10.73
End Levee Mile	10.73
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees

View of the stump along the toe.

rduffey_f_20120911_041.jpg

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	12.24	11/14/2012 11/14/2012	Bob Duffey

Levee Mile Report Line	50
Start Levee Mile	10.90
End Levee Mile	10.90
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees

View of the stump along the slope.

rduffey_f_20120911_042.jpg



Levee Mile Report Line	51
Start Levee Mile	11.05
End Levee Mile	11.05
Location	Water Side
Category	Earthen Levee
Item	Animal Control

View of the squirrel holes along the slope & also a tree stump.

rduffey_f_20120911_043.jpg



Levee Mile Report Line	52
Start Levee Mile	11.22
End Levee Mile	11.25
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

View of the trees along the slope.

rduffey_f_20120911_030.jpg



*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	12.24	11/14/2012 11/14/2012	Bob Duffey

Levee Mile Report Line	53
Start Levee Mile	11.29
End Levee Mile	11.29
Location	Water Side
Category	Earthen Levee
Item	Slope Stability

View of the verical cut along the w/s toe.

rduffey_f_20121126_340.JPG



*** Location**

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