

**Flood Control Project Maintenance
Levee Inspections****LMA District Cover Sheet****Spring 2012 Levee Inspection Results****Sutter Maintenance Yard Maintenance Area 0001**

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

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

*

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

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

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2012 Levee Inspection Results

Sutter Maintenance Yard Maintenance Area 0001

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento River			Right	17.12
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/15/2012 - 3/16/2012			
DWR Inspector	Bob Duffey			
Accompanied By	Bryan Reniff Sutter Yard			

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 - Spring 2012

Sutter Maintenance Yard Maintenance Area 0001

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Sacramento River							Right	17.12	03/15/2012 03/16/2012	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	Operations & Maintenance Manuals	WS	A Ma		°	°	28	
									°	°	
DWR ID: DWR_MA0001_01_s_2012_28											
2			Earthen Levee	Emergency Supplies & Equipment	WS	A Ma		°	°	29	
									°	°	
DWR ID: DWR_MA0001_01_s_2012_29											
3			Earthen Levee	Flood Preparedness & Training	WS	A Ma		°	°	30	
									°	°	
DWR ID: DWR_MA0001_01_s_2012_30											
4	0.04	0.23	Earthen Levee	Encroachments	LS	U En	BU : Buildings	39.213988 °	39.215198 °	2	
								-122.001537 °	-122.004775 °	Y	
DWR ID: DWR_MA0001_01_s_2012_2											
5	0.69	0.71	Earthen Levee	Encroachments	LS	U En	BU : Buildings	39.216533 °	39.216680 °	7	
								-122.012512 °	-122.012907 °	Y	
DWR ID: DWR_MA0001_01_s_2012_7											
6	0.80	0.95	Earthen Levee	Encroachments	LS	U En	BU : Buildings	39.217282 °	39.218215 °	8	
								-122.014290 °	-122.016538 °		
DWR ID: DWR_MA0001_01_s_2012_8											
7	1.23	1.37	Earthen Levee	Encroachments	LS	U En	AD : Agricultural Ditch	39.222119 °	39.224063 °	6	
								-122.015747 °	-122.016080 °	Y	
DWR ID: DWR_MA0001_01_s_2012_6											
8	1.91	1.91	Earthen Levee	Animal Control	LS	C Ma	A1 : Exterminate rodents and backfill and compact or grout burrows.	39.231183 °	39.231183 °	48	
								-122.015413 °	-122.015413 °		
DWR ID: DWR_MA0001_01_s_2012_48											
9	1.96	1.96	Earthen Levee	Animal Control	LS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.231897 °	39.231897 °	466	
								-122.015438 °	-122.015438 °	Y	
DWR ID: DWR_MA0001_01_s_2012_466											
10	2.03	2.03	Earthen Levee	Animal Control	LS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.232728 °	39.232728 °	467	
								-122.014912 °	-122.014912 °	Y	
DWR ID: DWR_MA0001_01_s_2012_467											
11	2.58	2.60	Earthen Levee	Encroachments	LS	U En	BU : Buildings	39.239750 °	39.239955 °	20	
								-122.010390 °	-122.010090 °	Y	
DWR ID: DWR_MA0001_01_s_2012_20											
12	2.66	2.70	Earthen Levee	Animal Control	LS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.240602 °	39.241092 °	468	
								-122.009468 °	-122.009312 °	Y	
DWR ID: DWR_MA0001_01_s_2012_468											
13	3.10	3.78	Earthen Levee	Encroachments	LS	U En	AD : Agricultural Ditch	39.246822 °	39.256054 °	5	
								-122.008146 °	-122.009808 °	Y	
DWR ID:											
14	3.96	3.96	Earthen Levee	Vegetation	LS	M Ma	V4 : Elderberries are blocking visibility and flood fight capability.	39.257125 °	39.257125 °	50	
								-122.012648 °	-122.012648 °		
DWR ID: DWR_MA0001_01_s_2012_50											

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
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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 - Spring 2012

Sutter Maintenance Yard Maintenance Area 0001

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River				Right	17.12	03/15/2012 03/16/2012	Bob Duffey

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
15	4.64	4.64	Earthen Levee	Animal Control	WS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.265503 ° -122.009280 °	39.265503 ° -122.009280 °	469 Y
DWR ID: DWR_MA0001_01_s_2012_469										
16	4.89	5.25	Supplemental	USACE Erosion Survey	WS	M Ma	Inspector Comments: 2009 - Slump in the middle of the section has left a vertical section on the bank. 2010 - Old cobble site unraveling, site extended downstream. 2011: No observed change. [2011 Site ID: SAC_151-0_R]	39.265730 ° -122.014925 °	39.266315 ° -122.020682 °	11 Y
DWR ID: DWR_MA0001_01_s_2012_11										
17	5.83	5.83	Earthen Levee	Slope Stability	WS	C Ma	S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.	39.271868 ° -122.023228 °	39.271868 ° -122.023228 °	1 Y
DWR ID: DWR_MA0001_01_s_2012_1										
18	5.89	5.89	Earthen Levee	Vegetation	LS	M Ma	V4 : Elderberries are blocking visibility and flood fight capability.	39.272773 ° -122.023290 °	39.272773 ° -122.023290 °	35 Y
DWR ID: DWR_MA0001_01_s_2012_35										
19	6.51	6.51	Earthen Levee	Encroachments	LS	M En	SI : Signs	39.281343 ° -122.022029 °	39.281343 ° -122.022029 °	3 Y
DWR ID: DWR_MA0001_01_s_2012_3										
20	6.85	6.85	Earthen Levee	Animal Control	LS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.286117 ° -122.021570 °	39.286117 ° -122.021570 °	470 Y
DWR ID: DWR_MA0001_01_s_2012_470										
21	7.70	7.71	Supplemental	USACE Erosion Survey	WS	M Ma	Inspector Comments: 2010 - Downstream end of 154.5, needs maintenance, small amount to erosion into the levee toe. 2011: Old cobble site starting to unravel. Some new minor erosion since last year. [2011 Site ID: SAC_154-0_R]	39.297714 ° -122.023728 °	39.297811 ° -122.023354 °	16 Y
DWR ID: DWR_MA0001_01_s_2012_16										
22	7.87	7.87	Earthen Levee	Vegetation	WS	M Ma	V4 : Elderberries are blocking visibility and flood fight capability.	39.297303 ° -122.025257 °	39.297303 ° -122.025257 °	52 Y
DWR ID: DWR_MA0001_01_s_2012_52										
23	7.87	7.97	Earthen Levee	Vegetation	WSA/W	Ob	V8 : Environmental Requirements.	39.297533 ° -122.021779 °	39.297420 ° -122.027010 °	24 Y
DWR ID: DWR_MA0001_01_s_2012_24										
24	8.94	9.39	Earthen Levee	Encroachments	LS	M En	AD : Agricultural Ditch	39.308390 ° -122.031157 °	39.315125 ° -122.030206 °	25 Y
DWR ID: DWR_MA0001_01_s_2012_25										
25	9.54	9.54	Earthen Levee	Encroachments	LS	M Ma	PR : Prunings	39.317199 ° -122.030339 °	39.317199 ° -122.030339 °	10 Y
DWR ID: DWR_MA0001_01_s_2012_10										
26	10.35	10.35	Earthen Levee	Erosion / Bank Caving	WSA/W	Ma	E1 : Note and monitor erosion site.	39.328697 ° -122.029262 °	39.328697 ° -122.029262 °	18 Y
DWR ID: DWR_MA0001_01_s_2012_18										
27	10.46	10.46	Supplemental	USACE Erosion Survey	WS	M Ma	Inspector Comments: 2004 - Slowly eroding but near vertical with no vegetation to hold it. 2005 - Erosion is close to levee toe but not into the levee section yet. 2010 - Some new toe scour. 2011: No observed change. [2011 Site ID: SAC_157-7_R]	39.331447 ° -122.029440 °	39.332716 ° -122.029953 °	17 Y
DWR ID: DWR_MA0001_01_s_2012_17										

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2012

Sutter Maintenance Yard Maintenance Area 0001

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Sacramento River				Right	17.12	03/15/2012 03/16/2012	Bob Duffey	

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
28	10.91	10.91	Earthen Levee	Animal Control	LS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.336025 ° -122.032562 °	39.336025 ° -122.032562 °	471 Y
DWR ID: DWR_MA0001_01_s_2012_471										
29	11.25	11.25	Earthen Levee	Trim / Thin Trees	LS	C Ma	T1 : Trim trees to at least five feet above ground level.	39.340774 ° -122.032871 °	39.340774 ° -122.032871 °	13
DWR ID: DWR_MA0001_01_s_2012_13										
30	11.25	11.25	Earthen Levee	Vegetation	LS	M Ma	V4 : Elderberries are blocking visibility and flood fight capability.	39.340774 ° -122.032872 °	39.340774 ° -122.032872 °	12
DWR ID: DWR_MA0001_01_s_2012_12										
31	11.45	11.71	Earthen Levee	Encroachments	LS	M En	AD : Agricultural Ditch	39.343542 ° -122.032107 °	39.347185 ° -122.031525 °	27 Y
DWR ID: DWR_MA0001_01_s_2012_27										
32	12.00	12.05	Earthen Levee	Vegetation	LS	M En	V6 : Landscaping	39.351155 ° -122.030443 °	39.351832 ° -122.030295 °	23
DWR ID: DWR_MA0001_01_s_2012_23										
33	12.33	13.38	Earthen Levee	Encroachments	LS	M En	AD : Agricultural Ditch	39.355607 ° -122.028707 °	39.362600 ° -122.014497 °	4
DWR ID: DWR_MA0001_01_s_2012_4										
34	13.56	13.56	Earthen Levee	Animal Control	LS	M Ma	A1 : Exterminate rodents and backfill and compact or grout burrows.	39.364843 ° -122.015617 °	39.364843 ° -122.015617 °	9
DWR ID: DWR_MA0001_01_s_2012_9										
35	13.59	13.65	Earthen Levee	Animal Control	LS	M Ma	A1 : Exterminate rodents and backfill and compact or grout burrows.	39.365382 ° -122.015680 °	39.366147 ° -122.015570 °	472 Y
DWR ID: DWR_MA0001_01_s_2012_472										
36	16.43	16.43	Earthen Levee	Encroachments	WS	U En	BU : Buildings	39.403930 ° -122.008925 °	39.403930 ° -122.008925 °	14
DWR ID: DWR_MA0001_01_s_2012_14										
37	16.45	16.45	Earthen Levee	Encroachments	LS	U En	BU : Buildings	39.404135 ° -122.008797 °	39.404135 ° -122.008797 °	26
DWR ID: DWR_MA0001_01_s_2012_26										
38	16.53	16.59	Earthen Levee	Animal Control	LS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.405260 ° -122.008627 °	39.405790 ° -122.008540 °	473 Y
DWR ID: DWR_MA0001_01_s_2012_473										
39	16.65	16.68	Earthen Levee	Encroachments	LS	M En	BU : Buildings	39.407066 ° -122.008730 °	39.407363 ° -122.008780 °	15
DWR ID: DWR_MA0001_01_s_2012_15										
40	16.66	16.66	Supplemental	USACE Erosion Survey	WS	M Ma	Inspector Comments: Erosion site added in 1997 and removed in 2005. 2009 - Site added back in, hard toe with slow moving erosion. Potential geotechnical failure. 2011: Site extended downstream. [2011 Site ID: SAC_164-3_R]	39.407837 ° -122.008763 °	39.411111 ° -122.009238 °	19 Y
DWR ID: DWR_MA0001_01_s_2012_19										
41	16.66	16.69	Earthen Levee	Encroachments	LS	U En	BU : Buildings	39.407225 ° -122.008570 °	39.407545 ° -122.008640 °	46
DWR ID: DWR_MA0001_01_s_2012_46										
42	16.70	16.71	Earthen Levee	Encroachments	LS	U En	FE : Fences	39.407670 ° -122.008685 °	39.407823 ° -122.008740 °	47
DWR ID: DWR_MA0001_01_s_2012_47										

*** Location**

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+ Issue Type

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2012

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	03/15/2012 03/16/2012	Bob Duffey

Levee Mile Report Line	4
Start Levee Mile	0.04
End Levee Mile	0.23
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the building along the L/S toe.

rduffey_s_20120319_541.jpg



Levee Mile Report Line	5
Start Levee Mile	0.69
End Levee Mile	0.71
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the buildings along the L/S toe.

rduffey_s_20120319_542.jpg



Levee Mile Report Line	7
Start Levee Mile	1.23
End Levee Mile	1.37
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of ag. ditch along the L/S toe.

rduffey_s_20120319_543.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 - Spring 2012

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	03/15/2012 03/16/2012	Bob Duffey

Levee Mile Report Line	9
Start Levee Mile	1.96
End Levee Mile	1.96
Location	Land Side
Category	Earthen Levee
Item	Animal Control

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

rduffey_s_20120312_289.jpg



Levee Mile Report Line	10
Start Levee Mile	2.03
End Levee Mile	2.03
Location	Land Side
Category	Earthen Levee
Item	Animal Control

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

rduffey_s_20120312_290.jpg



Levee Mile Report Line	11
Start Levee Mile	2.58
End Levee Mile	2.60
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the house next to the levee.

rduffey_s_20120312_288.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2012

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	03/15/2012 03/16/2012	Bob Duffey

Levee Mile Report Line	12
Start Levee Mile	2.66
End Levee Mile	2.70
Location	Land Side
Category	Earthen Levee
Item	Animal Control

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

rduffey_s_20120312_291.jpg



Levee Mile Report Line	13
Start Levee Mile	3.10
End Levee Mile	3.78
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the ag. ditch & concrete building along the L/S toe.

rduffey_s_20120319_544.jpg



Levee Mile Report Line	15
Start Levee Mile	4.64
End Levee Mile	4.64
Location	Water Side
Category	Earthen Levee
Item	Animal Control

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

rduffey_s_20120312_292.jpg



*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2012

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	03/15/2012 03/16/2012	Bob Duffey

Levee Mile Report Line	16
Start Levee Mile	4.89
End Levee Mile	5.25
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #1

rduffey_s_20120312_279.jpg



Levee Mile Report Line	16
Start Levee Mile	4.89
End Levee Mile	5.25
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #2

rduffey_s_20120312_280.jpg



Levee Mile Report Line	19
Start Levee Mile	6.51
End Levee Mile	6.51
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the prunings along the L/S toe.

rduffey_s_20120319_545.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2012

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	03/15/2012 03/16/2012	Bob Duffey

Levee Mile Report Line	20
Start Levee Mile	6.85
End Levee Mile	6.85
Location	Land Side
Category	Earthen Levee
Item	Animal Control

View of the rodent holes & bait station along the L/S slope.

rduffey_s_20120312_293.jpg



Levee Mile Report Line	21
Start Levee Mile	7.70
End Levee Mile	7.71
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #1

rduffey_s_20120312_281.jpg



Levee Mile Report Line	21
Start Levee Mile	7.70
End Levee Mile	7.71
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #2

rduffey_s_20120312_282.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2012

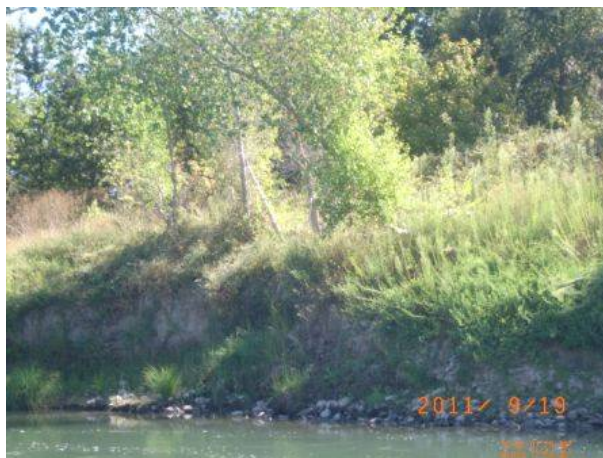
Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	03/15/2012 03/16/2012	Bob Duffey

Levee Mile Report Line	21
Start Levee Mile	7.70
End Levee Mile	7.71
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #3

rduffey_s_20120312_283.jpg



Levee Mile Report Line	24
Start Levee Mile	8.94
End Levee Mile	9.39
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the ag. ditch along the L/S toe.

rduffey_s_20120319_546.jpg



Levee Mile Report Line	26
Start Levee Mile	10.35
End Levee Mile	10.35
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

View of the erosion along the waterside of the levee.

rduffey_s_20120312_285.jpg

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	03/15/2012 03/16/2012	Bob Duffey

Levee Mile Report Line	27
Start Levee Mile	10.46
End Levee Mile	10.46
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #1

rduffey_s_20120312_284.jpg



Levee Mile Report Line	28
Start Levee Mile	10.91
End Levee Mile	10.91
Location	Land Side
Category	Earthen Levee
Item	Animal Control

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

rduffey_s_20120312_294.jpg



Levee Mile Report Line	31
Start Levee Mile	11.45
End Levee Mile	11.71
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the ag. ditch along the L/S toe.

rduffey_s_20120319_548.jpg

*** Location**

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WS : Water Side
CR : Crown

**** Rating**

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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 - Spring 2012

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	03/15/2012 03/16/2012	Bob Duffey

Levee Mile Report Line	35
Start Levee Mile	13.59
End Levee Mile	13.65
Location	Land Side
Category	Earthen Levee
Item	Animal Control

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

rduffey_s_20120312_295.jpg



Levee Mile Report Line	38
Start Levee Mile	16.53
End Levee Mile	16.59
Location	Land Side
Category	Earthen Levee
Item	Animal Control

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

rduffey_s_20120312_296.jpg



Levee Mile Report Line	40
Start Levee Mile	16.66
End Levee Mile	16.66
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #1

rduffey_s_20120312_286.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 - Spring 2012

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	03/15/2012 03/16/2012	Bob Duffey

Levee Mile Report Line	40
Start Levee Mile	16.66
End Levee Mile	16.66
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2011 Photo #2	
rduffey_s_20120312_287.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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