

**Flood Control Project Maintenance
Levee Inspections****LMA District Cover Sheet****Spring 2013 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. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2013 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	03/14/2013 - 03/14/2013			
DWR Inspector	Bob Duffey			
Accompanied By	Bryan Reniff Sutter Maintenance 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 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Sacramento River						Right	17.12	03/14/2013 03/14/2013	Bob Duffey	
LMR No.	Levee Mile		Category	Item	* Location + Rating	Action/Comment	GPS Latitude/Longitude		Issue No.	
	Start	End					Start	End	Photo	
1				Emergency Supplies & Equipment	WS Ma	A		° °	° °	19
DWR ID: DWR_MA0001_01_s_2013_19										
2				Operations & Maintenance Manuals	WS Ma	A		° °	° °	28
DWR ID: DWR_MA0001_01_s_2013_28										
3				Flood Preparedness & Training	WS Ma	A		° °	° °	29
DWR ID: DWR_MA0001_01_s_2013_29										
4	0.04	0.23		Encroachments	LS En	U	BU : Building	39.213988 ° -122.001537 °	39.215198 ° -122.004775 °	2 Y
DWR ID: DWR_MA0001_01_s_2012_2										
5	0.69	0.71		Encroachments	LS En	U	BU : Building	39.216533 ° -122.012512 °	39.216680 ° -122.012907 °	7 Y
DWR ID: DWR_MA0001_01_s_2012_7										
6	0.80	0.95		Encroachments	LS En	U	BU : Building	39.217282 ° -122.014290 °	39.218215 ° -122.016538 °	8 Y
DWR ID: DWR_MA0001_01_s_2012_8										
7	1.23	1.37		Encroachments	LS En	U	DT : Ditch	39.222119 ° -122.015747 °	39.224063 ° -122.016080 °	6 Y
DWR ID: DWR_MA0001_01_s_2012_6										
8	2.03	2.03		Animal Control	LS Ma	A/W	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.232728 ° -122.014912 °	39.232728 ° -122.014912 °	467 Y
DWR ID: DWR_MA0001_01_s_2012_467										
9	2.58	2.60		Encroachments	LS En	U	BU : Building	39.239750 ° -122.010390 °	39.239955 ° -122.010090 °	20 Y
DWR ID: DWR_MA0001_01_s_2012_20										
10	2.66	2.70		Animal Control	LS Ma	A/W	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.240602 ° -122.009468 °	39.241092 ° -122.009312 °	468 Y
DWR ID: DWR_MA0001_01_s_2012_468										
11	3.10	3.78		Encroachments	LS En	U	DT : Ditch	39.246822 ° -122.008146 °	39.256054 ° -122.009808 °	5 Y
DWR ID: DWR_MA0001_01_s_2012_5										
12	3.11	3.75		Encroachments	LS En	M	DT : Ditch	39.246804 ° -122.008146 °	39.255626 ° -122.009626 °	10 Y
DWR ID: DWR_MA0001_01_s_2013_10										
13	3.96	3.96		Vegetation	LS Ma	M	V4 : Elderberries are blocking visibility and flood fight capability.	39.257125 ° -122.012648 °	39.257125 ° -122.012648 °	50 Y
DWR ID: DWR_MA0001_01_s_2012_50										
14	4.64	4.64		Animal Control	WS Ma	M	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										

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
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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 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Sacramento River				Right	17.12	03/14/2013 03/14/2013	Bob Duffey	

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
15	5.00	5.38	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. 2012: No observed change. [2012 Site ID: SAC_151-0_R]	39.266315 ° -122.020682 °	39.265730 ° -122.014925 °	1 Y
DWR ID: DWR_MA0001_01_s_2013_1										
16	5.89	5.89		Vegetation	LS	M Ma	V4 : Elderberries are blocking visibility and flood fight capability.	39.272773 ° -122.023290 °	39.272773 ° -122.023290 °	35
DWR ID: DWR_MA0001_01_s_2012_35										
17	6.51	6.51		Encroachments	LS	M En	PR : Prunings	39.281343 ° -122.022029 °	39.281343 ° -122.022029 °	3 Y
DWR ID: DWR_MA0001_01_s_2012_3										
18	6.85	6.85		Animal Control	LS	A/W 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										
19	7.87	7.87		Vegetation	WS	M Ma	V4 : Elderberries are blocking visibility and flood fight capability.	39.297303 ° -122.025257 °	39.297303 ° -122.025257 °	52
DWR ID: DWR_MA0001_01_s_2012_52										
20	7.87	7.97		Vegetation	WSA/W	Ob	V8 : Environmental Requirements.	39.297533 ° -122.021779 °	39.297420 ° -122.027010 °	24
DWR ID: DWR_MA0001_01_s_2012_24										
21	8.94	9.39		Encroachments	LS	M En	DT : Ditch	39.308390 ° -122.031157 °	39.315125 ° -122.030206 °	25 Y
DWR ID: DWR_MA0001_01_s_2012_25										
22	9.54	9.54		Animal Control	LS	M Ma	A1 : Exterminate rodents and backfill and compact or grout burrows.	39.317219 ° -122.030329 °	39.317219 ° -122.030329 °	11 Y
DWR ID: DWR_MA0001_01_s_2013_11										
23	10.30	10.38	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. 2012: No observed change. [2012 Site ID: SAC_157-7_R]	39.332716 ° -122.029953 °	39.331447 ° -122.029440 °	13 Y
DWR ID: DWR_MA0001_01_s_2013_13										
24	10.35	10.35		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										
25	10.55	10.55		Encroachments	LS	M En	PR : Prunings	39.331494 ° -122.030023 °	39.331494 ° -122.030023 °	17 Y
DWR ID: DWR_MA0001_01_s_2013_17										
26	10.91	10.91		Animal Control	LS	A/W 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										
27	11.25	11.25		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										
28	11.45	11.71		Encroachments	LS	M En	DT : Ditch	39.343542 ° -122.032107 °	39.347185 ° -122.031525 °	27 Y
DWR ID: DWR_MA0001_01_s_2012_27										

*** Location**

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+ Issue Type

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River				Right	17.12	03/14/2013 03/14/2013	Bob Duffey

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
29	12.00	12.05		Vegetation	LS	M En	V6 : Landscaping	39.351155 ° -122.030443 °	39.351832 ° -122.030295 °	23
DWR ID: DWR_MA0001_01_s_2012_23										
30	12.33	13.38		Encroachments	LS	M En	DT : Ditch	39.355607 ° -122.028707 °	39.362600 ° -122.014497 °	4
DWR ID: DWR_MA0001_01_s_2012_4										
31	13.56	13.56		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										
32	13.59	13.65		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										
33	16.43	16.43		Encroachments	WS	U En	BU : Building	39.403930 ° -122.008925 °	39.403930 ° -122.008925 °	14
DWR ID: DWR_MA0001_01_s_2012_14										
34	16.45	16.45		Encroachments	LS	U En	BU : Building	39.404135 ° -122.008797 °	39.404135 ° -122.008797 °	26
DWR ID: DWR_MA0001_01_s_2012_26										
35	16.49	16.69	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. 2012: No observed change. [2012 Site ID: SAC_164-3_R]	39.411111 ° -122.009238 °	39.407837 ° -122.008763 °	16 Y
DWR ID: DWR_MA0001_01_s_2013_16										
36	16.65	16.68		Encroachments	LS	M En	BU : Building	39.407066 ° -122.008730 °	39.407363 ° -122.008780 °	15
DWR ID: DWR_MA0001_01_s_2012_15										
37	16.66	16.69		Encroachments	LS	U En	BU : Building	39.407225 ° -122.008570 °	39.407545 ° -122.008640 °	46
DWR ID: DWR_MA0001_01_s_2012_46										
38	16.70	16.71		Encroachments	LS	U En	FE : Fence	39.407670 ° -122.008685 °	39.407823 ° -122.008740 °	47
DWR ID: DWR_MA0001_01_s_2012_47										

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	03/14/2013 03/14/2013	Bob Duffey

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

View of the building along the L/S toe.

rduffey_s_20130225_050.jpg



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

View of the buildings along the L/S toe.

rduffey_s_20130225_054.jpg



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

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

rduffey_s_20130225_053.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 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	03/14/2013 03/14/2013	Bob Duffey

Levee Mile Report Line	8
Start Levee Mile	2.03
End Levee Mile	2.03
Location	Land Side
Category	
Item	Animal Control

View of the rodent activity & bait station at the toe the levee.

rduffey_s_20130225_065.JPG



Levee Mile Report Line	9
Start Levee Mile	2.58
End Levee Mile	2.60
Location	Land Side
Category	
Item	Encroachments

View of the house next to the levee.

rduffey_s_20130225_062.jpg



Levee Mile Report Line	10
Start Levee Mile	2.66
End Levee Mile	2.70
Location	Land Side
Category	
Item	Animal Control

View of the bait station at the toe of the levee.

rduffey_s_20130225_066.JPG



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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+ Issue Type

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	03/14/2013 03/14/2013	Bob Duffey

Levee Mile Report Line	11
Start Levee Mile	3.10
End Levee Mile	3.78
Location	Land Side
Category	
Item	Encroachments
View of the ag. ditch & concrete building along the L/S toe.	
rduffey_s_20130225_052.jpg	



Levee Mile Report Line	12
Start Levee Mile	3.11
End Levee Mile	3.75
Location	Land Side
Category	
Item	Encroachments
View of the concrete ditch along the landside toe.	
rduffey_s_20130402_336.JPG	



Levee Mile Report Line	14
Start Levee Mile	4.64
End Levee Mile	4.64
Location	Water Side
Category	
Item	Animal Control
View of the rodent holes along the W/S slope.	
rduffey_s_20130225_067.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 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	03/14/2013 03/14/2013	Bob Duffey

Levee Mile Report Line	15
Start Levee Mile	5.00
End Levee Mile	5.38
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

rduffey_s_20130225_046.jpg



Levee Mile Report Line	15
Start Levee Mile	5.00
End Levee Mile	5.38
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

rduffey_s_20130225_047.jpg



Levee Mile Report Line	15
Start Levee Mile	5.00
End Levee Mile	5.38
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #3

rduffey_s_20130225_048.jpg

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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+ Issue Type

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Ob : Design & System Obsolescence
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	03/14/2013 03/14/2013	Bob Duffey

Levee Mile Report Line	15
Start Levee Mile	5.00
End Levee Mile	5.38
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #4

rduffey_s_20130225_049.jpg



Levee Mile Report Line	17
Start Levee Mile	6.51
End Levee Mile	6.51
Location	Land Side
Category	
Item	Encroachments

View of the prunings along the L/S toe.

rduffey_s_20130225_051.jpg



Levee Mile Report Line	18
Start Levee Mile	6.85
End Levee Mile	6.85
Location	Land Side
Category	
Item	Animal Control

View of the levee with no rodent holes.

rduffey_s_20130225_068.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 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	03/14/2013 03/14/2013	Bob Duffey

Levee Mile Report Line	21
Start Levee Mile	8.94
End Levee Mile	9.39
Location	Land Side
Category	
Item	Encroachments

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

rduffey_s_20130225_063.jpg



Levee Mile Report Line	22
Start Levee Mile	9.54
End Levee Mile	9.54
Location	Land Side
Category	
Item	Animal Control

View of the rodent holes along landside slope.

rduffey_s_20130402_337.JPG



Levee Mile Report Line	23
Start Levee Mile	10.30
End Levee Mile	10.38
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

rduffey_s_20130225_055.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	03/14/2013 03/14/2013	Bob Duffey

Levee Mile Report Line	23
Start Levee Mile	10.30
End Levee Mile	10.38
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

rduffey_s_20130225_056.jpg



Levee Mile Report Line	23
Start Levee Mile	10.30
End Levee Mile	10.38
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #3

rduffey_s_20130225_057.jpg



Levee Mile Report Line	24
Start Levee Mile	10.35
End Levee Mile	10.35
Location	Water Side
Category	
Item	Erosion / Bank Caving

View of the erosion along the waterside of the levee.

rduffey_s_20130225_061.jpg

*** Location**

LS : Land Side
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CR : Crown

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A/W : Acceptable but Monitor & Maintain

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	03/14/2013 03/14/2013	Bob Duffey

Levee Mile Report Line	25
Start Levee Mile	10.55
End Levee Mile	10.55
Location	Land Side
Category	
Item	Encroachments

View of the orchard prunings along the landside slope.

rduffey_s_20130402_338.JPG



Levee Mile Report Line	26
Start Levee Mile	10.91
End Levee Mile	10.91
Location	Land Side
Category	
Item	Animal Control

View of the levee with no rodent holes.

rduffey_s_20130225_069.JPG



Levee Mile Report Line	28
Start Levee Mile	11.45
End Levee Mile	11.71
Location	Land Side
Category	
Item	Encroachments

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

rduffey_s_20130225_064.jpg



*** Location**

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CR : Crown

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A/W : Acceptable but Monitor & Maintain

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Ma : Maintenance Deficiency
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	03/14/2013 03/14/2013	Bob Duffey

Levee Mile Report Line	32
Start Levee Mile	13.59
End Levee Mile	13.65
Location	Land Side
Category	
Item	Animal Control

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

rduffey_s_20130225_070.jpg



Levee Mile Report Line	35
Start Levee Mile	16.49
End Levee Mile	16.69
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

rduffey_s_20130225_058.jpg



Levee Mile Report Line	35
Start Levee Mile	16.49
End Levee Mile	16.69
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

rduffey_s_20130225_059.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 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	03/14/2013 03/14/2013	Bob Duffey

Levee Mile Report Line	35
Start Levee Mile	16.49
End Levee Mile	16.69
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #3	
rduffey_s_20130225_060.jpg	



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