

**Flood Control Project Maintenance  
Levee Inspections****LMA District Cover Sheet****Spring 2012 Levee Inspection Results****Sutter Maintenance Yard Maintenance Area 0013**

	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 0013**

Waterway			Bank	Unit Miles
Unit No. 01 Cherokee Canal			Right	18.87
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/18/2012 - 4/18/2012			
DWR Inspector	Bob Duffey			
Accompanied By	Jason Cooper 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 0013**

Waterway					Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cherokee Canal					Right	18.87	04/18/2012 04/18/2012	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	LS	A Ma		°	°	18
DWR ID: DWR_MA0013_01_s_2012_18										
2			Earthen Levee	Emergency Supplies & Equipment	LS	A Ma		°	°	19
DWR ID: DWR_MA0013_01_s_2012_19										
3			Earthen Levee	Flood Preparedness & Training	LS	A Ma		°	°	20
DWR ID: DWR_MA0013_01_s_2012_20										
4	0.66	1.20	Earthen Levee	Encroachments	LS	M En	AD : Agricultural Ditch	39.589272 ° -121.700599 °	39.581472 ° -121.700518 °	14 Y
DWR ID: DWR_MA0013_01_s_2012_14										
5	0.76	0.78	Earthen Levee	Encroachments	LS	M Ma	EQ : Equipment	39.587905 ° -121.700822 °	39.587505 ° -121.700880 °	12 Y
DWR ID: DWR_MA0013_01_s_2012_12										
6	6.51	7.09	Earthen Levee	Encroachments	LS	M En	AD : Agricultural Ditch	39.508928 ° -121.714842 °	39.501438 ° -121.719715 °	3 Y
DWR ID: DWR_MA0013_01_s_2012_3										
7	6.63	6.63	Earthen Levee	Encroachments	LS	M Ma	MA : Material	39.507337 ° -121.715693 °	39.507337 ° -121.715693 °	2 Y
DWR ID: DWR_MA0013_01_s_2012_2										
8	9.84	9.87	Earthen Levee	Trim / Thin Trees	LS	M Ma	T1 : Trim trees to at least five feet above ground level.	39.467170 ° -121.743887 °	39.466860 ° -121.744108 °	5 Y
DWR ID: DWR_MA0013_01_s_2012_5										
9	9.89	9.89	Earthen Levee	Encroachments	LS	M Ma	MA : Material	39.466635 ° -121.744228 °	39.466635 ° -121.744228 °	10 Y
DWR ID: DWR_MA0013_01_s_2012_10										
10	11.19	11.81	Earthen Levee	Erosion / Bank Caving	WS	M Ma	E1 : Note and monitor erosion site.	39.449800 ° -121.755091 °	39.442182 ° -121.760371 °	16 Y
DWR ID: DWR_MA0013_01_s_2012_16										
11	11.20	13.47	Earthen Levee	Encroachments	WS	M En	AD : Agricultural Ditch	39.449777 ° -121.755103 °	39.421255 ° -121.774893 °	17 Y
DWR ID: DWR_MA0013_01_s_2012_17										
12	11.75	11.76	Supplemental	USACE Erosion Survey	WS	M Ma	Inspector Comments: 2011: Small erosion pocket, likely caused by the irrigation diversion structure. [2011 Site ID: CHK_11-7_R]	39.442821 ° -121.759851 °	39.442738 ° -121.759908 °	11 Y
DWR ID: DWR_MA0013_01_s_2012_11										
13	14.42	14.42	Earthen Levee	Encroachments	LS	M Ma	GA : Garbage	39.412752 ° -121.788662 °	39.412752 ° -121.788662 °	4 Y
DWR ID: DWR_MA0013_01_s_2012_4										
14	14.46	14.46	Earthen Levee	Animal Control	LS	A/W Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.412328 ° -121.789342 °	39.412328 ° -121.789342 °	1 Y
DWR ID: DWR_MA0013_01_s_2012_1										

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



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Sutter Maintenance Yard Maintenance Area 0013**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cherokee Canal	Right	18.87	04/18/2012 04/18/2012	Bob Duffey

LMR No.	Levee Mile		Category	Item	* Location	Rating + En	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
15	16.45	17.42	Earthen Levee	Encroachments	LS	M En	AD : Agricultural Ditch	39.394523 ° -121.817630 °	39.385580 ° -121.831282 °	7 Y
DWR ID: DWR_MA0013_01_s_2012_7										
16	17.48	17.48	Earthen Levee	Animal Control	LS	A Ma	A1 : Exterminate rodents and backfill and compact or grout burrows.	39.385023 ° -121.832240 °	39.385023 ° -121.832240 °	8
DWR ID: DWR_MA0013_01_s_2012_8										
17	17.71	17.75	Earthen Levee	Encroachments	LS	M En	AD : Agricultural Ditch	39.382943 ° -121.835447 °	39.382635 ° -121.836012 °	9
DWR ID: DWR_MA0013_01_s_2012_9										
18	17.72	18.20	Earthen Levee	Encroachments	LS	M En	AD : Agricultural Ditch	39.382852 ° -121.835654 °	39.378481 ° -121.842394 °	15
DWR ID: DWR_MA0013_01_s_2012_15										

**\* 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 - Spring 2012**

**Sutter Maintenance Yard Maintenance Area 0013**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cherokee Canal	Right	18.87	04/18/2012 04/18/2012	Bob Duffey

Levee Mile Report Line	4
Start Levee Mile	0.66
End Levee Mile	1.20
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the ag ditch along the toe of the levee.

rduffey\_s\_20120430\_604.jpg



Levee Mile Report Line	5
Start Levee Mile	0.76
End Levee Mile	0.78
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the equipment along the landside toe of the levee.

rduffey\_s\_20120312\_328.jpg



Levee Mile Report Line	6
Start Levee Mile	6.51
End Levee Mile	7.09
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the AG ditch along the toe.

rduffey\_s\_20120312\_321.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 - Spring 2012**

**Sutter Maintenance Yard Maintenance Area 0013**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cherokee Canal	Right	18.87	04/18/2012 04/18/2012	Bob Duffey

Levee Mile Report Line	7
Start Levee Mile	6.63
End Levee Mile	6.63
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of a concrete block along the toe.

rduffey\_s\_20120312\_320.jpg



Levee Mile Report Line	8
Start Levee Mile	9.84
End Levee Mile	9.87
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

View of trees that need to be trimmed along the toe.

rduffey\_s\_20120312\_323.jpg



Levee Mile Report Line	9
Start Levee Mile	9.89
End Levee Mile	9.89
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of a trailer & material along the L/S toe.

rduffey\_s\_20120312\_325.jpg



**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

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

**+ Issue Type**

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

**Levee Inspection Report By Mile - Spring 2012**

**Sutter Maintenance Yard Maintenance Area 0013**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cherokee Canal	Right	18.87	04/18/2012 04/18/2012	Bob Duffey

Levee Mile Report Line	10
Start Levee Mile	11.19
End Levee Mile	11.81
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

View of the ag ditch and erosion along the toe of the levee.

rduffey\_s\_20120430\_608.jpg



Levee Mile Report Line	11
Start Levee Mile	11.20
End Levee Mile	13.47
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of the ag ditch along the toe of the levee.

rduffey\_s\_20120430\_607.jpg



Levee Mile Report Line	12
Start Levee Mile	11.75
End Levee Mile	11.76
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #1

rduffey\_s\_20120312\_326.jpg



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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 0013**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cherokee Canal	Right	18.87	04/18/2012 04/18/2012	Bob Duffey

Levee Mile Report Line	12
Start Levee Mile	11.75
End Levee Mile	11.76
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #2

rduffey\_s\_20120312\_327.jpg



Levee Mile Report Line	13
Start Levee Mile	14.42
End Levee Mile	14.42
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of garbage along the L/S slope.

rduffey\_s\_20120312\_322.jpg



Levee Mile Report Line	14
Start Levee Mile	14.46
End Levee Mile	14.46
Location	Land Side
Category	Earthen Levee
Item	Animal Control

View of rodent holes along the L/S slope.

rduffey\_s\_20120312\_319.jpg



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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 0013**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cherokee Canal	Right	18.87	04/18/2012 04/18/2012	Bob Duffey

Levee Mile Report Line	15
Start Levee Mile	16.45
End Levee Mile	17.42
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the ag along the toe of the levee.

rduffey\_s\_20120430\_605.jpg



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

**Unit Cover Sheet**

**Spring 2012 Levee Inspection Results**

**Sutter Maintenance Yard Maintenance Area 0013**

Waterway			Bank	Unit Miles
Unit No. 02 Cherokee Canal			Left	23.10
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/18/2012 - 4/18/2012			
DWR Inspector	Bob Duffey			
Accompanied By	Jason Cooper 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:

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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 0013**

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cherokee Canal				Left	23.10	04/18/2012 04/18/2012	Bob Duffey

  

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
1	0.05	0.15	Earthen Levee	Encroachments	WS	M	EQ : Equipment	39.573523 ° -121.701387 °	39.572455 ° -121.702370 °	1
DWR ID: DWR_MA0013_02_s_2012_1										
2	4.58	5.00	Earthen Levee	Encroachments	WS	M	GA : Garbage	39.526858 ° -121.689360 °	39.537468 ° -121.690882 °	911
DWR ID: DWR_MA0013_02_s_2012_911										
3	4.83	4.83	Earthen Levee	Encroachments	WS	M	AD : Agricultural Ditch	39.534150 ° -121.690413 °	39.534105 ° -121.690415 °	11
DWR ID: DWR_MA0013_02_s_2012_11										
4	5.15	5.15	Earthen Levee	Encroachments	WS	M	GA : Garbage	39.526938 ° -121.689597 °	39.526938 ° -121.689597 °	9
DWR ID: DWR_MA0013_02_s_2012_9										
5	6.23	7.62	Earthen Levee	Encroachments	LS	M	AD : Agricultural Ditch	39.520843 ° -121.706345 °	39.502958 ° -121.716953 °	12
DWR ID: DWR_MA0013_02_s_2012_12										
6	10.14	10.64	Earthen Levee	Encroachments	LS	M	AD : Agricultural Ditch	39.471517 ° -121.739433 °	39.465113 ° -121.743592 °	13
DWR ID: DWR_MA0013_02_s_2012_13										
7	10.70	11.79	Earthen Levee	Encroachments	LS	M	AD : Agricultural Ditch	39.464305 ° -121.744172 °	39.450333 ° -121.753157 °	18
DWR ID: DWR_MA0013_02_s_2012_18										
8	13.55	14.10	Earthen Levee	Encroachments	LS	M	AD : Agricultural Ditch	39.428192 ° -121.768443 °	39.406240 ° -121.794863 °	19
DWR ID: DWR_MA0013_02_s_2012_19										
9	14.85	14.85	Earthen Levee	Animal Control	LS	A		39.414010 ° -121.782188 °	39.414010 ° -121.782188 °	5
DWR ID: DWR_MA0013_02_s_2012_5										
10	14.90	14.90	Earthen Levee	Animal Control	LS	A	A1 : Exterminate rodents and backfill and compact or grout burrows.	39.413294 ° -121.783351 °	39.413294 ° -121.783351 °	6
DWR ID: DWR_MA0013_02_s_2012_6										
11	15.28	15.28	Earthen Levee	Animal Control	WS	A	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.409567 ° -121.789558 °	39.409567 ° -121.789558 °	16
DWR ID: DWR_MA0013_02_s_2012_16										
12	17.05	18.93	Earthen Levee	Encroachments	LS	M	AD : Agricultural Ditch	° °	39.389187 ° -121.821233 °	20
DWR ID: DWR_MA0013_02_s_2012_20										
13	18.13	18.13	Earthen Levee	Animal Control	LS	A	A1 : Exterminate rodents and backfill and compact or grout burrows.	39.396518 ° -121.809845 °	39.396518 ° -121.809845 °	10
DWR ID: DWR_MA0013_02_s_2012_10										
14	19.58	20.15	Earthen Levee	Encroachments	LS	M	AD : Agricultural Ditch	39.383252 ° -121.830565 °	39.378192 ° -121.838543 °	21
DWR ID: DWR_MA0013_02_s_2012_21										
15	22.38	22.38	Earthen Levee	Vegetation	LS	M	V6 : Landscaping	39.359982 ° -121.871958 °	39.359982 ° -121.871958 °	4
DWR ID: DWR_MA0013_02_s_2012_4										
16	22.42	22.42	Earthen Levee	Encroachments	LS	M	PR : Prunings	39.359707 ° -121.872555 °	39.359707 ° -121.872555 °	8
DWR ID: DWR_MA0013_02_s_2012_8										

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



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2012**

**Sutter Maintenance Yard Maintenance Area 0013**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cherokee Canal	Left	23.10	04/18/2012 04/18/2012	Bob Duffey

LMR No.	Levee Mile		Category	Item	Location *	Rating ** +	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
17	22.83	22.85	Earthen Levee	Erosion / Bank Caving	WS	M Ma	E1 : Note and monitor erosion site.	39.356498 ° -121.879030 °	39.356303 ° -121.879417 °	7 Y
DWR ID: DWR_MA0013_02_s_ 2012_7										

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

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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 0013**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cherokee Canal	Left	23.10	04/18/2012 04/18/2012	Bob Duffey

Levee Mile Report Line	2
Start Levee Mile	4.58
End Levee Mile	5.00
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of AG ditch along the toe.

rduffey\_s\_20120312\_341.jpg



Levee Mile Report Line	4
Start Levee Mile	5.15
End Levee Mile	5.15
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of pruning & debris.

rduffey\_s\_20120312\_332.jpg



Levee Mile Report Line	5
Start Levee Mile	6.23
End Levee Mile	7.62
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the AG ditch along the toe.

rduffey\_s\_20120312\_334.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 - Spring 2012**

**Sutter Maintenance Yard Maintenance Area 0013**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cherokee Canal	Left	23.10	04/18/2012 04/18/2012	Bob Duffey

Levee Mile Report Line	6
Start Levee Mile	10.14
End Levee Mile	10.64
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the AG ditch along the toe.

rduffey\_s\_20120312\_335.jpg



Levee Mile Report Line	7
Start Levee Mile	10.70
End Levee Mile	11.79
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the AG ditch along the toe.

rduffey\_s\_20120312\_337.jpg



Levee Mile Report Line	8
Start Levee Mile	13.55
End Levee Mile	14.10
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the AG ditch along the toe.

rduffey\_s\_20120312\_338.jpg



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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 0013**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cherokee Canal	Left	23.10	04/18/2012 04/18/2012	Bob Duffey

Levee Mile Report Line	10
Start Levee Mile	14.90
End Levee Mile	14.90
Location	Land Side
Category	Earthen Levee
Item	Animal Control

View of the rodent hole along the crown of the levee.

rduffey\_s\_20120430\_603.jpg



Levee Mile Report Line	11
Start Levee Mile	15.28
End Levee Mile	15.28
Location	Water Side
Category	Earthen Levee
Item	Animal Control

View of a squirrel hole along the slope.

rduffey\_s\_20120312\_336.jpg



Levee Mile Report Line	12
Start Levee Mile	17.05
End Levee Mile	18.93
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the AG ditch along the toe.

rduffey\_s\_20120312\_339.jpg



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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 0013**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cherokee Canal	Left	23.10	04/18/2012 04/18/2012	Bob Duffey

Levee Mile Report Line	13
Start Levee Mile	18.13
End Levee Mile	18.13
Location	Land Side
Category	Earthen Levee
Item	Animal Control

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

rduffey\_s\_20120312\_333.jpg



Levee Mile Report Line	14
Start Levee Mile	19.58
End Levee Mile	20.15
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the AG ditch along the toe.

rduffey\_s\_20120312\_340.jpg



Levee Mile Report Line	15
Start Levee Mile	22.38
End Levee Mile	22.38
Location	Land Side
Category	Earthen Levee
Item	Vegetation

View of landscaping along the toe.

rduffey\_s\_20120312\_329.jpg



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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 0013**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cherokee Canal	Left	23.10	04/18/2012 04/18/2012	Bob Duffey

Levee Mile Report Line	16
Start Levee Mile	22.42
End Levee Mile	22.42
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the debris & prunings.

rduffey\_s\_20120312\_331.jpg



Levee Mile Report Line	17
Start Levee Mile	22.83
End Levee Mile	22.85
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

View of the along the canal.

rduffey\_s\_20120312\_330.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