

**Flood Control Project Maintenance  
Levee Inspections**

**Fall 2013 Levee Maintenance Deficiency Summary Report**

**Overall LMA & Unit Ratings, including USACE Erosion Survey**

**Sacramento River Basin**

MA0016 Sutter Maintenance Yard Maintenance Area 0016	Overall LMA Rating	Total LMA Miles						
	<b>M</b>	<b>4.09</b>						
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>								
Vegetation	0.50		0.50	12.23%	0.05			
Encroachments					0.27	0.05		
Animal Control	0.01		0.01	0.24%				
<i>Supplemental</i>								
DWR UCIP Field Study					0.10	0.02		
<i>LMA Totals:</i>	0.51	0.00	0.51	12.47%	0.42	0.07	0.00	0.00

**Flood Control Project Maintenance  
Levee Inspections  
LMA District Cover Sheet  
Fall 2013 Levee Inspection Results**

**Sutter Maintenance Yard Maintenance Area 0016**

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

\*\* 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**

**Fall 2013 Levee Inspection Results**

**Sutter Maintenance Yard Maintenance Area 0016**

Waterway		Bank	Unit Miles
Unit No. 01 Feather River		Right	4.09
	Spring (March - May)	Summer (June - August)	(September - November) Fall Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>M</b>
Date of Inspection	03/26/2013 - 03/26/2013		10/21/2013 - 10/21/2013
DWR Inspector	Rick Burnett		Matthew Hoffman
Accompanied By	Jason Cooper Sutter Maintenance Yard		Jason Cooper 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 - Fall 2013**

**Sutter Maintenance Yard Maintenance Area 0016**

Waterway			Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River			Right	4.09	10/21/2013 10/21/2013	Matthew Hoffman

LMR No.	Levee Mile		Category	Item	* Location	+ Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1			Earthen Levee	Operations & Maintenance Manuals	LS	A Ma		°	°	3
DWR ID: DWR_MA0016_01_s_2013_3										
2			Earthen Levee	Flood Preparedness & Training	LS	A Ma		°	°	4
DWR ID: DWR_MA0016_01_s_2013_4										
3			Earthen Levee	Emergency Supplies & Equipment	LS	A Ma		°	°	5
DWR ID: DWR_MA0016_01_s_2013_5										
4	0.06	0.10	Earthen Levee	Vegetation	LS	M En	V6 : Landscaping	39.256618 ° -121.636442 °	39.257228 ° -121.636462 °	2 Y
DWR ID: DWR_MA0016_01_s_2012_2										
5	0.18	0.18	Earthen Levee	Encroachments	LS	M En	BU : Building	39.258437 ° -121.636613 °	39.258437 ° -121.636613 °	15 Y
DWR ID: DWR_MA0016_01_s_2012_15										
6	0.24	0.24	Earthen Levee	Animal Control	LS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.259173 ° -121.636667 °	39.259173 ° -121.636667 °	20 Y
DWR ID: DWR_MA0016_01_f_2013_20										
7	0.25	0.25	Earthen Levee	Encroachments	LS	M En	PR : Prunings Inspector Comments: Pruning pile on landward levee slope.	39.259325 ° -121.636672 °	39.259325 ° -121.636672 °	21 Y
DWR ID: DWR_MA0016_01_f_2013_21										
8	0.45	0.49	Earthen Levee	Encroachments	LS	U En	BU : Building	39.262213 ° -121.636545 °	39.262825 ° -121.636430 °	7 Y
DWR ID: DWR_MA0016_01_s_2012_7										
9	1.14	1.14	Earthen Levee	Encroachments	LS	U En	PO : Pole Inspector Comments: Old wooden power pole in the landward slope of the levee cut off approx. 1' above ground level. Should be removed.	39.272014 ° -121.633835 °	39.272014 ° -121.633835 °	22 Y
DWR ID: DWR_MA0016_01_f_2013_22										
10	1.44	1.44	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8444 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Inlet heavily vegetated may need to be cleared out. FIELD_STRUCT_DESC: 36 inch steel drain pipe approximately 16-feet below the crown. Headwall and Model No. 100 flapgate of WS toe. Headwall and 24-inch concrete standpipe drop-inlet located approximately 1000-feet west of levee crown just on west side of canal. O&M Sac 148 Revision: February 2011 FS Date: 12/11/2012	39.276170 ° 39.276170 °	-121.632598 ° -121.632598 °	1
DWR ID: DWR_MA0016_01_f_2013_1										

<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 - Fall 2013**

**Sutter Maintenance Yard Maintenance Area 0016**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	4.09	10/21/2013 10/21/2013	Matthew Hoffman

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

11	1.44	1.44	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:13227 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Inlet heavily vegetated may need to be cleared out.5/14/2013 SBFCA project recommends replacing in accordance with title 23.5/14/2013 Same as last inspection. FIELD_STRUCT_DESC: 36 inch steel drain pipe approximately 16-feet below the crown. Headwall and Model No. 100 flapgate of WS toe. Headwall and 24-inch concrete standpipe drop-inlet located approximately 1000-feet west of levee crown just on west side of canal. O&M Sac 148 Revision: February 2011 FS Date: 5/14/2013 12:30:52 PM	39.276170 ° -121.632598 ° 39.276170 ° -121.632598 °	6 Y
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DWR ID: DWR\_MA0016\_01\_f\_2013\_6

12	1.70	1.70	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8448 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe is partially buried at LS toe and shows heavy corrosion. Unable to locate headwalls on either side of levee. Pipe should be cleared of soil and inspected (suspect heavy corrosion throughout pipe). FIELD_STRUCT_DESC: 12-inch CM Storm drain pipe through the levee 14.5 feet below the crown. Slide gate on the waterward end. (O&M entry-As built available 50-4-2193A). FS Date: 12/11/2012	39.279812 ° -121.632987 ° 39.279812 ° -121.632987 °	8
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DWR ID: DWR\_MA0016\_01\_f\_2013\_8

13	1.70	1.70	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:13229 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe is partially buried at LS toe and shows heavy corrosion. Unable to locate headwalls on either side of levee. Pipe should be cleared of soil and inspected (suspect heavy corrosion throughout pipe).5/14/2013 SBFCA project recommends replacing in accordance with title 23.5/14/2013 Same as last inspection. FIELD_STRUCT_DESC: 12-inch CM Storm drain pipe through the levee 14.5 feet below the crown. Slide gate on the waterward end. (O&M entry-As built available 50-4-2193A). FS Date: 5/14/2013 12:33:49 PM	39.279812 ° -121.632987 ° 39.279812 ° -121.632987 °	9 Y
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DWR ID: DWR\_MA0016\_01\_f\_2013\_9

14	1.93	2.43	Earthen Levee	Vegetation	LS	M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	39.282979 ° 39.289739 ° -121.631590 ° -121.631836 °	23
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DWR ID: DWR\_MA0016\_01\_f\_2013\_23

15	2.84	2.84	Earthen Levee	Encroachments	LS	M En	PR : Prunings	39.293636 ° 39.293636 ° -121.636411 ° -121.636411 °	24
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DWR ID: DWR\_MA0016\_01\_f\_2013\_24

<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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**Levee Inspection Report By Mile - Fall 2013**

**Sutter Maintenance Yard Maintenance Area 0016**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	4.09	10/21/2013 10/21/2013	Matthew Hoffman

LMIR No.	Levee Mile		Category	Item	* Location	+ Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
16	2.85	3.08	Earthen Levee	Encroachments	LS	M	DT : Ditch	39.293675 ° -121.636615 °	39.296748 ° -121.638192 °	14 Y
DWR ID: DWR_MA0016_01_s_2012_14										
17	2.86	2.86	Supplemental	DWR UCIP Field Study	LS	M	Inspector Comments: FS_ID:8452 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Inlet and outlet largely covered in sediment and vegetation. This should be cleared. FIELD_STRUCT_DESC: 18-inch concrete pipe through the levee approximately 15-feet below the crown. Headwalls on both ends and a Model No. 100 slide gate on WS toe. O&M Sac 148 Revision: February 2011. FS Date: 12/11/2012	39.293774 ° 39.293774 °	-121.636612 ° -121.636612 °	10 Y
DWR ID: DWR_MA0016_01_f_2013_10										
18	2.86	2.86	Supplemental	DWR UCIP Field Study	LS	M	Inspector Comments: FS_ID:13232 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Inlet and outlet largely covered in sediment and vegetation. This should be cleared.5/14/2013 SBFCA project recommends replacing in accordance with title 23.5/14/2013 Same as last inspection. FIELD_STRUCT_DESC: 18-inch concrete pipe through the levee approximately 15-feet below the crown. Headwalls on both ends and a Model No. 100 slide gate on WS toe. O&M Sac 148 Revision: February 2011. FS Date: 5/14/2013 12:37:34 PM	39.293774 ° 39.293774 °	-121.636612 ° -121.636612 °	11 Y
DWR ID: DWR_MA0016_01_f_2013_11										
19	2.87	2.87	Earthen Levee	Vegetation	WS	M	V6 : Landscaping	39.293865 ° -121.636690 °	39.293865 ° -121.636690 °	25 Y
DWR ID: DWR_MA0016_01_f_2013_25										
20	3.11	3.11	Earthen Levee	Encroachments	LS	M	DE : Debris Inspector Comments: Irrigation pipe on the landward slope of the levee should be removed.	39.297237 ° -121.638315 °	39.297237 ° -121.638315 °	26 Y
DWR ID: DWR_MA0016_01_f_2013_26										
21	3.39	3.39	Supplemental	DWR UCIP Field Study	LS	M	Inspector Comments: FS_ID:8455 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Pipe burried on LS toe and should be inspected along with adjacent 24-inch once uncovered. FIELD_STRUCT_DESC: 2 of 2: 24-inch CMP drain pipe through the levee 16.6-feet below the crown. Headwalls at both ends and a Flap gate on the WS toe. FS Date: 12/11/2012	39.301218 ° 39.301218 °	-121.638332 ° -121.638332 °	12 Y
DWR ID: DWR_MA0016_01_f_2013_12										

<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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**Levee Inspection Report By Mile - Fall 2013**

**Sutter Maintenance Yard Maintenance Area 0016**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	4.09	10/21/2013 10/21/2013	Matthew Hoffman

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
22	3.39	3.39	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:8454 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Concrete headwall on LS toe is cracked through middle and pipe is burried in soil. pipe appears corroded FIELD_STRUCT_DESC: 1 of 2: 24-inch CMP drain pipe 16.6-feet below the crown. Concrete headwalls on both ends. Flap gate on the waterward end. FS Date: 12/11/2012	39.301218 °	-121.638332 °	13 Y
DWR ID: DWR_MA0016_01_f_2013_13										
23	3.39	3.39	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8458 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Pipe burried on LS toe and should be inspected along with adjacent 24-inch once uncovered. FIELD_STRUCT_DESC: 2 of 2: 24-inch CMP drain pipe through the levee 16.6-feet below the crown. Headwalls at both ends and a Flap gate on the WS toe. FS Date: 12/11/2012	39.301218 °	-121.638332 °	16
DWR ID: DWR_MA0016_01_f_2013_16										
24	3.39	3.39	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:13234 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Pipe burried on LS toe and should be inspected along with adjacent 24-inch once uncovered.5/14/2013 SBFCA project recommends replacing in accordance with title 23.5/14/2013 Same as last inspection. FIELD_STRUCT_DESC: 2 of 2: 24-inch CMP drain pipe through the levee 16.6-feet below the crown. Headwalls at both ends and a Flap gate on the WS toe. FS Date: 5/14/2013 12:40:10 PM	39.301218 °	-121.638332 °	17
DWR ID: DWR_MA0016_01_f_2013_17										
25	3.39	3.39	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:13233 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Concrete headwall on LS toe is cracked through middle and pipe is burried in soil. pipe appears corroded.5/14/2013 SBFCA project recommends replacing in accordance with title 23.5/14/2013 Same as last inspection. FIELD_STRUCT_DESC: 1 of 2: 24-inch CMP drain pipe 16.6-feet below the crown. Concrete headwalls on both ends. Flap gate on the waterward end. FS Date: 5/14/2013 12:38:46 PM	39.301218 °	-121.638332 °	18
DWR ID: DWR_MA0016_01_f_2013_18										

<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 - Fall 2013**

**Sutter Maintenance Yard Maintenance Area 0016**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	4.09	10/21/2013 10/21/2013	Matthew Hoffman

LMIR No.	Levee Mile		Category	Item	* Location	+ Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
26	4.08	4.08	Supplemental	DWR UCIP Field Study	LS	M	Inspector Comments: FS_ID:8457 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Lock missing from concrete well access door-this should be resplaced. Some debris blocking preventing flapgate from completely closing. FIELD_STRUCT_DESC: 4-foot by 6-foot concrete culvert through the levee, 20.5 feet below the crown. Slide gate in concrete well on waterward slope. Siphon breaker/air vent on WS shoulder at concrete well. FS Date: 12/11/2012	39.311127 °	-121.637606 °	19 Y

DWR ID: DWR\_MA0016\_01\_f\_2013\_19

<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 - Fall 2013**

**Sutter Maintenance Yard Maintenance Area 0016**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	4.09	10/21/2013 10/21/2013	Matthew Hoffman

Levee Mile Report Line	4
Start Levee Mile	0.06
End Levee Mile	0.10
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Levee mile 0.10. This photo shows the landscaping on the landside slope and toe.

mhoffman\_f\_20130917\_031.jpg



Levee Mile Report Line	5
Start Levee Mile	0.18
End Levee Mile	0.18
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Levee mile 0.18. This photo shows the building on the landside shoulder and toe.

mhoffman\_f\_20130917\_035.jpg



Levee Mile Report Line	7
Start Levee Mile	0.25
End Levee Mile	0.25
Location	Land Side
Category	Earthen Levee
Item	Encroachments

This photo was taken from the levee crown facing west looking down at a pile of prunings on the landward slope. Fall 2013.

mhoffman\_f\_20131028\_670.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 - Fall 2013**

**Sutter Maintenance Yard Maintenance Area 0016**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	4.09	10/21/2013 10/21/2013	Matthew Hoffman

Levee Mile Report Line	8
Start Levee Mile	0.45
End Levee Mile	0.49
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Levee mile 0.49. This photo shows the building and landscaping on the landside slope and toe.

mhoffman\_f\_20130917\_032.jpg



Levee Mile Report Line	9
Start Levee Mile	1.14
End Levee Mile	1.14
Location	Land Side
Category	Earthen Levee
Item	Encroachments

This photo was taken from the levee crown facing west looking down the landward slope at a power pole that was cut off approx. 1' above ground level. Fall 2013

mhoffman\_f\_20131028\_671.JPG



Levee Mile Report Line	9
Start Levee Mile	1.14
End Levee Mile	1.14
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Close up of said power pole. Fall 2013

mhoffman\_f\_20131028\_672.JPG



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

**Levee Inspection Report By Mile - Fall 2013**

**Sutter Maintenance Yard Maintenance Area 0016**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	4.09	10/21/2013 10/21/2013	Matthew Hoffman

Levee Mile Report Line	11
Start Levee Mile	1.44
End Levee Mile	1.44
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study

WS headwall and flapgate at WS toe.

UCIP\_7173.jpg



Levee Mile Report Line	13
Start Levee Mile	1.70
End Levee Mile	1.70
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study

Pipe at LS inlet showing heavy silt and corrosion of pipe.

UCIP\_7175.jpg



Levee Mile Report Line	16
Start Levee Mile	2.85
End Levee Mile	3.08
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Land side ditch levee mile 3.08.

mhoffman\_f\_20130917\_033.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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Levee Inspections**

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**Sutter Maintenance Yard Maintenance Area 0016**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	4.09	10/21/2013 10/21/2013	Matthew Hoffman

Levee Mile Report Line	16
Start Levee Mile	2.85
End Levee Mile	3.08
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Agricultural ditch land side slope and toe.	
mhoffman_f_20130917_034.jpg	



Levee Mile Report Line	18
Start Levee Mile	2.86
End Levee Mile	2.86
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study
Slide gate at swale on WS toe.	
UCIP_7177.jpg	



Levee Mile Report Line	20
Start Levee Mile	3.11
End Levee Mile	3.11
Location	Land Side
Category	Earthen Levee
Item	Encroachments
This photo was taken from the levee crown facing south looking down the landward slope at a pile of irrigation pipe. Fall 2013.	
mhoffman_f_20131028_673.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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	4.09	10/21/2013 10/21/2013	Matthew Hoffman

Levee Mile Report Line	22
Start Levee Mile	3.39
End Levee Mile	3.39
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study

Headwall on WS toe with flap gates.

UCIP\_4682.jpg



Levee Mile Report Line	26
Start Levee Mile	4.08
End Levee Mile	4.08
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study

Slide gate, concrete well, siphon breaker/air vent and open channel on WS of levee.

UCIP\_4688.jpg



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