

**Flood Control Project Maintenance
Levee Inspections**

Fall 2013 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

MA0001 Sutter Maintenance Yard Maintenance Area 0001	Overall LMA Rating	Total LMA Miles						
	A	17.12						
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	0.04		0.04	0.23%	0.05			
Encroachments					1.80	1.26		
Animal Control	0.01		0.01	0.06%				
<i>Supplemental</i>								
USACE Erosion Survey	0.66		0.66	3.86%				
DWR UCIP Field Study					2.47	0.58		
<i>LMA Totals:</i>	0.71	0.00	0.71	4.15%	4.32	1.84	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections
LMA District Cover Sheet
Fall 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)			A	

** 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 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)			A
Date of Inspection	03/14/2013 - 03/14/2013		11/19/2013 - 11/19/2013
DWR Inspector	Bob Duffey		Bob Duffey
Accompanied By	Bryan Reniff Sutter Maintenance Yard		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 - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River		Right	17.12	11/19/2013 11/19/2013	Bob Duffey

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1			Earthen Levee	Emergency Supplies & Equipment	LS	A Ma		°	°	19
								DWR ID: DWR_MA0001_01_s_2013_19		
2			Earthen Levee	Operations & Maintenance Manuals	LS	A Ma		°	°	28
								DWR ID: DWR_MA0001_01_s_2013_28		
3			Earthen Levee	Flood Preparedness & Training	LS	A Ma		°	°	29
								DWR ID: DWR_MA0001_01_s_2013_29		
4	0.04	0.23	Earthen Levee	Encroachments	LS	U En	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	Earthen Levee	Encroachments	LS	U En	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	Earthen Levee	Encroachments	LS	U En	BU : Building	39.217282 ° -122.014290 °	39.218215 ° -122.016538 °	8 Y
								DWR ID: DWR_MA0001_01_s_2012_8		
7	1.20	1.20	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:7534 EP_NO: 9481 Repair Type: Urgent Crossing Status: Found UCIP Comments: WS-woody debris scattered along waterward slope & bank. Erosion on bank near concrete lined ditch. LS-discharge pipe heavily corroded & CMP section missing. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0097 for debris and encroachment within 15 feet. FIELD_STRUCT_DESC: 36-inch corrugated metal pipe (CMP) through the levee, slide gate on the waterward slope. (ABO No. 9481-1974, Roberts Ditch Irrigation Company) Crossing penetrates the levee at an angle. Other appurtenances located at this crossing include slant pump, concrete distribution box and shed structure located 100 feet northeast from levee crossing. Flow is carried from concrete distribution box to slide gate via concrete lined ditch. This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 63+53). FS Date: 10/18/2012	39.221685 ° -122.015720 °	39.221685 ° -122.015720 °	30
								DWR ID: DWR_MA0001_01_f_2013_30		

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

8	1.20	1.20	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:8240 EP_NO: 9481 Repair Type: Urgent Crossing Status: Found UCIP Comments: WS-woody debris scattered along waterward slope & bank. Erosion on bank near concrete lined ditch. LS-discharge pipe heavily corroded & CMP section missing. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0097 for debris and encroachment within 15 feet. Recommend pressure test or video inspection of buried section through levee to check the integrity of pipe wall. FIELD_STRUCT_DESC: 36-inch corrugated metal pipe (CMP) through the levee, slide gate on the waterward slope. (ABO No. 9481-1974, Roberts Ditch Irrigation Company) Crossing penetrates the levee at an angle. Other appurtenances located at this crossing include slant pump, concrete distribution box and shed structure located 100 feet northeast from levee crossing. Flow is carried from concrete distribution box to slide gate via concrete lined ditch. This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 63+53). FS Date: 10/18/2012	39.221685 ° -122.015720 °	39.221685 ° -122.015720 °	31
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DWR ID: DWR_MA0001_01_f_2013_31

9	1.20	1.20	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:8293 EP_NO: 9481 Repair Type: Urgent Crossing Status: Found UCIP Comments: Recommend pressure test or video inspection of buried section through levee to check the integrity of pipe wall. WS-woody debris scattered along waterward slope & bank. Erosion on bank near concrete lined ditch. LS-discharge pipe heavily corroded & CMP section missing. Recommend pressure test or video inspection of buried section through levee to check the integrity of pipe wall. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0097 for debris and encroachment within 15 feet. FIELD_STRUCT_DESC: 36-inch corrugated metal pipe (CMP) through the levee, slide gate on the waterward slope. (ABO No. 9481-1974, Roberts Ditch Irrigation Company) Crossing penetrates the levee at an angle. Other appurtenances located at this crossing include slant pump, concrete distribution box and shed structure located 100 feet northeast from levee crossing. Flow is carried from concrete distribution box to slide gate via concrete lined ditch. This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 63+53). FS Date: 10/18/2012	39.221685 ° -122.015720 °	39.221685 ° -122.015720 °	32
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DWR ID: DWR_MA0001_01_f_2013_32

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

10	1.20	1.20	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:7142 EP_NO: 9481 Repair Type: Urgent Crossing Status: Found UCIP Comments: WS-woody debris scattered along waterward slope & bank. Erosion on bank near concrete lined ditch. LS-discharge pipe heavily corroded & CMP section missing. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0097 for debris and encroachment within 15 feet. FIELD_STRUCT_DESC: 36-inch corrugated metal pipe (CMP) through the levee, slide gate on the waterward slope. (ABO No. 9481-1974, Roberts Ditch Irrigation Company) Crossing penetrates the levee at an angle. Other appurtenances located at this crossing include slant pump, concrete distribution box and shed structure located 100 feet northeast from levee crossing. Flow is carried from concrete distribution box to slide gate via concrete lined ditch. This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 63+53). FS Date: 10/18/2012	39.221685 ° -122.015720 °	39.221685 ° -122.015720 °	33
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DWR ID: DWR_MA0001_01_f_2013_33

11	1.20	1.20	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:16450 EP_NO: 9481 Repair Type: Urgent Crossing Status: Found UCIP Comments: Need pressure test/video inspection to determine integrity of pipe wall. WS-woody debris scattered along slope & bank. Erosion on bank near ditch. LS-discharge pipe heavily corroded & CMP section missing. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0097 for debris & encroachment within 15 feet. 7/18/2013 LS outlet was underwater and could not be inspected but nothing looks to have been changed. FIELD_STRUCT_DESC: 36-inch corrugated metal pipe (CMP) through the levee, slide gate on the waterward slope. (ABO No. 9481-1974, Roberts Ditch Irrigation Company) Crossing penetrates the levee at an angle. Other appurtenances located at this crossing include slant pump, concrete distribution box and shed structure located 100 feet northeast from levee crossing. Flow is carried from concrete distribution box to slide gate via concrete lined ditch. This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 63+53). FS Date: 7/25/2013 9:34:55 AM	39.221685 ° -122.015720 °	39.221685 ° -122.015720 °	34
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DWR ID: DWR_MA0001_01_f_2013_34

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

12	1.20	1.20	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:7051 EP_NO: 9481 Repair Type: Urgent Crossing Status: Found UCIP Comments: WS-woody debris scattered along waterward slope and bank. Erosion on bank near concrete lined ditch. LS-discharge pipe heavily corroded and CMP section missing. This is was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0097 for debris and encroachment within 15 feet. FIELD_STRUCT_DESC: 36-inch corrugated metal pipe (CMP) through the levee, slide gate on the waterward slope. (ABO No. 9481-1974, Roberts Ditch Irrigation Company) Crossing penetrates the levee at an angle. Other appurtances located at this crossing include slant pump, concrete distribution box and shed structure located 100 feet northeast from levee crossing. Flow is carried from concrete distribution box to slide gate via concrete lined ditch. This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 63+53). FS Date: 10/18/2012	39.221688 ° -122.015740 °	39.221688 ° -122.015740 °	36
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DWR ID: DWR_MA0001_01_f_2013_36

13	1.20	1.20	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:7053 EP_NO: 9481 Repair Type: Urgent Crossing Status: Found UCIP Comments: WS-woody debris scattered along waterward slope & bank. Erosion on bank near concrete lined ditch. LS-discharge pipe heavily corroded & CMP section missing. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0097 for debris and encroachment within 15 feet. FIELD_STRUCT_DESC: 36-inch corrugated metal pipe (CMP) through the levee, slide gate on the waterward slope. (ABO No. 9481-1974, Roberts Ditch Irrigation Company) Crossing penetrates the levee at an angle. Other appurtances located at this crossing include slant pump, concrete distribution box and shed structure located 100 feet northeast from levee crossing. Flow is carried from concrete distribution box to slide gate via concrete lined ditch. This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 63+53). FS Date: 10/18/2012	39.221688 ° -122.015740 °	39.221688 ° -122.015740 °	37
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DWR ID: DWR_MA0001_01_f_2013_37

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

14	1.20	1.20	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:11223 EP_NO: 9481 Repair Type: Urgent Crossing Status: Found UCIP Comments: Need pressure test/video inspection to determine integrity of pipe wall. WS-woody debris scattered along slope & bank. Erosion on bank near ditch. LS-discharge pipe heavily corroded & CMP section missing. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0097 for debris & encroachment within 15 feet. FIELD_STRUCT_DESC: 36-inch corrugated metal pipe (CMP) through the levee, slide gate on the waterward slope. (ABO No. 9481-1974, Roberts Ditch Irrigation Company) Crossing penetrates the levee at an angle. Other appurtenances located at this crossing include slant pump, concrete distribution box and shed structure located 100 feet northeast from levee crossing. Flow is carried from concrete distribution box to slide gate via concrete lined ditch. This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 63+53). FS Date: 10/18/2012	39.221685 ° -122.015720 °	39.221685 ° -122.015720 °	38
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DWR ID: DWR_MA0001_01_f_2013_38

15	1.20	1.20	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:8572 EP_NO: 9481 Repair Type: Urgent Crossing Status: Found UCIP Comments: Recommend pressure test/video inspection of crossing to determine integrity of pipe wall. WS-woody debris scattered along waterward slope & bank. Erosion on bank near concrete lined ditch. LS-discharge pipe heavily corroded & CMP section missing. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0097 for debris & encroachment within 15 feet. FIELD_STRUCT_DESC: 36-inch corrugated metal pipe (CMP) through the levee, slide gate on the waterward slope. (ABO No. 9481-1974, Roberts Ditch Irrigation Company) Crossing penetrates the levee at an angle. Other appurtenances located at this crossing include slant pump, concrete distribution box and shed structure located 100 feet northeast from levee crossing. Flow is carried from concrete distribution box to slide gate via concrete lined ditch. This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 63+53). FS Date: 10/18/2012	39.221685 ° -122.015720 °	39.221685 ° -122.015720 °	39
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DWR ID: DWR_MA0001_01_f_2013_39

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

16	1.20	1.20	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:8571 EP_NO: 9481 Repair Type: Urgent Crossing Status: Found UCIP Comments: Recommend pressure test or video inspection of buried section through levee to determine integrity of pipe wall. WS-woody debris scattered along waterward slope & bank. Erosion on bank near concrete lined ditch. LS-discharge pipe heavily corroded & CMP section missing. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0097 for debris and encroachment within 15 feet. FIELD_STRUCT_DESC: 36-inch corrugated metal pipe (CMP) through the levee, slide gate on the waterward slope. (ABO No. 9481-1974, Roberts Ditch Irrigation Company) Crossing penetrates the levee at an angle. Other appurtenances located at this crossing include slant pump, concrete distribution box and shed structure located 100 feet northeast from levee crossing. Flow is carried from concrete distribution box to slide gate via concrete lined ditch. This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 63+53). FS Date: 10/18/2012	39.221685 ° -122.015720 °	39.221685 ° -122.015720 °	40
DWR ID: DWR_MA0001_01_f_2013_40										

17	1.20	1.20	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:8574 EP_NO: 9481 Repair Type: Urgent Crossing Status: Found UCIP Comments: Need pressure test/video inspection to determine integrity of pipe wall. WS-woody debris scattered along slope & bank. Erosion on bank near ditch. LS-discharge pipe heavily corroded & CMP section missing. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0097 for debris & encroachment within 15 feet. FIELD_STRUCT_DESC: 36-inch corrugated metal pipe (CMP) through the levee, slide gate on the waterward slope. (ABO No. 9481-1974, Roberts Ditch Irrigation Company) Crossing penetrates the levee at an angle. Other appurtenances located at this crossing include slant pump, concrete distribution box and shed structure located 100 feet northeast from levee crossing. Flow is carried from concrete distribution box to slide gate via concrete lined ditch. This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 63+53). FS Date: 10/18/2012	39.221685 ° -122.015720 °	39.221685 ° -122.015720 °	41
DWR ID: DWR_MA0001_01_f_2013_41										

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

18	1.20	1.20	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:8573 EP_NO: 9481 Repair Type: Urgent Crossing Status: Found UCIP Comments: Recommend pressure test/video inspection to determine integrity of pipe wall. WS-woody debris scattered along slope & bank. Erosion on bank near concrete lined ditch. LS-discharge pipe heavily corroded & CMP section missing. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0097 for debris & encroachment within 15 feet. FIELD_STRUCT_DESC: 36-inch corrugated metal pipe (CMP) through the levee, slide gate on the waterward slope. (ABO No. 9481-1974, Roberts Ditch Irrigation Company) Crossing penetrates the levee at an angle. Other appurtenances located at this crossing include slant pump, concrete distribution box and shed structure located 100 feet northeast from levee crossing. Flow is carried from concrete distribution box to slide gate via concrete lined ditch. This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 63+53). FS Date: 10/18/2012	39.221685 ° -122.015720 °	39.221685 ° -122.015720 °	42 Y
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DWR ID: DWR_MA0001_01_f_2013_42

19	1.20	1.20	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:7544 EP_NO: 9481 Repair Type: Urgent Crossing Status: Found UCIP Comments: WS-woody debris scattered along waterward slope & bank. Erosion on bank near concrete lined ditch. LS-discharge pipe heavily corroded & CMP section missing. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0097 for debris and encroachment within 15 feet. FIELD_STRUCT_DESC: 36-inch corrugated metal pipe (CMP) through the levee, slide gate on the waterward slope. (ABO No. 9481-1974, Roberts Ditch Irrigation Company) Crossing penetrates the levee at an angle. Other appurtenances located at this crossing include slant pump, concrete distribution box and shed structure located 100 feet northeast from levee crossing. Flow is carried from concrete distribution box to slide gate via concrete lined ditch. This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 63+53). FS Date: 10/18/2012	39.221685 ° -122.015720 °	39.221685 ° -122.015720 °	43
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DWR ID: DWR_MA0001_01_f_2013_43

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

20	1.20	1.20	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:7052 EP_NO: 9481 Repair Type: Urgent Crossing Status: Found UCIP Comments: WS-woody debris scattered along waterward slope & bank. Erosion on bank near concrete lined ditch. LS-discharge pipe heavily corroded & CMP section missing. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0097 for debris and encroachment within 15 feet. FIELD_STRUCT_DESC: 36-inch corrugated metal pipe (CMP) through the levee, slide gate on the waterward slope. (ABO No. 9481-1974, Roberts Ditch Irrigation Company) Crossing penetrates the levee at an angle. Other appurtenances located at this crossing include slant pump, concrete distribution box and shed structure located 100 feet northeast from levee crossing. Flow is carried from concrete distribution box to slide gate via concrete lined ditch. This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 63+53). FS Date: 10/18/2012	39.221688 °	39.221688 °	44
								-122.015740 °	-122.015740 °	

DWR ID: DWR_MA0001_01_f_2013_44

21	1.23	1.37	Earthen Levee	Encroachments	LS	U En	DT : Ditch	39.222119 °	39.224063 °	6
								-122.015747 °	-122.016080 °	Y

DWR ID: DWR_MA0001_01_s_2012_6

22	1.96	1.96	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:10623 EP_NO: 9487 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Remove dirt and debris in riser. Outlet deformed and blocked over 50%. Debris-round concrete section on landward side. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0116 for crossing outlet deformed and clogged with dirt. FIELD_STRUCT_DESC: 1 of 2: 36-inch corrugated metal pipe (CMP) through the levee. Slide gates in CMP riser on the waterward slope. (ABO No. 9487-1974, Jimeno Rancho) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 103+18). FS Date: 3/30/2013 10:04:43 PM	39.231866 °	39.231866 °	45
								-122.015442 °	-122.015442 °	

DWR ID: DWR_MA0001_01_f_2013_45

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

23	1.96	1.96	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7143 EP_NO: 9487 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 1 of 2: 36-inch corrugated metal pipe (CMP) through the levee. Slide gates in CMP riser on the waterward slope. (ABO No. 9487-1974, Jimeno Rancho) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 103+18). FS Date: 10/18/2012	39.231866 °	39.231866 °	48
								-122.015442 °	-122.015442 °	

DWR ID: DWR_MA0001_01_f_2013_48

24	1.96	1.96	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:16453 EP_NO: 9487 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Remove dirt and debris in riser. Outlet deformed and blocked over 50%. Debris-round concrete section on landward side. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0116 for crossing outlet deformed and clogged with dirt.7/18/2013 WS pipe end has been reformed but is still clogged about 50% by sediment. FIELD_STRUCT_DESC: 1 of 2: 36-inch corrugated metal pipe (CMP) through the levee. Slide gates in CMP riser on the waterward slope. (ABO No. 9487-1974, Jimeno Rancho) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 103+18). FS Date: 7/25/2013 9:41:58 AM	39.231866 °	39.231866 °	49
								-122.015442 °	-122.015442 °	

DWR ID: DWR_MA0001_01_f_2013_49

25	1.96	1.96	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7980 EP_NO: 9487 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 1 of 2: 36-inch corrugated metal pipe (CMP) through the levee. Slide gates in CMP riser on the waterward slope. (ABO No. 9487-1974, Jimeno Rancho) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 103+18). FS Date: 10/18/2012	39.231866 °	39.231866 °	51
								-122.015442 °	-122.015442 °	Y

DWR ID: DWR_MA0001_01_f_2013_51

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

26	1.96	1.96	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:16452 EP_NO: 9487 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Remove dirt and debris in riser. Outlet deformed and blocked over 50%. Debris-round concrete section on landward side. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0116 for crossing outlet deformed and clogged with dirt.7/18/2013 WS pipe end has been reformed but is still clogged about 50% by sediment. FIELD_STRUCT_DESC: 1 of 2: 36-inch corrugated metal pipe (CMP) through the levee. Slide gates in CMP riser on the waterward slope. (ABO No. 9487-1974, Jimeno Rancho) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 103+18). FS Date: 7/25/2013 9:39:28 AM	39.231866 ° -122.015442 °	39.231866 ° -122.015442 °	53
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DWR ID: DWR_MA0001_01_f_2013_53

27	1.96	1.96	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7546 EP_NO: 9487 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 1 of 2: 36-inch corrugated metal pipe (CMP) through the levee. Slide gates in CMP riser on the waterward slope. (ABO No. 9487-1974, Jimeno Rancho) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 103+18). FS Date: 10/18/2012	39.231866 ° -122.015442 °	39.231866 ° -122.015442 °	54
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DWR ID: DWR_MA0001_01_f_2013_54

28	1.96	1.96	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8241 EP_NO: 9487 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Remove dirt and debris in riser. Outlet deformed and blocked over 50%. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0116 for crossing outlet deformed and clogged with dirt. FIELD_STRUCT_DESC: 1 of 2: 36-inch corrugated metal pipe (CMP) through the levee. Slide gates in CMP riser on the waterward slope. (ABO No. 9487-1974, Jimeno Rancho) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 103+18). FS Date: 10/18/2012	39.231866 ° -122.015442 °	39.231866 ° -122.015442 °	55
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DWR ID: DWR_MA0001_01_f_2013_55

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

29	1.96	1.96	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8243 EP_NO: 9487 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Remove dirt and debris in riser. Outlet deformed and blocked over 50%. Debris-round concrete section on landward side. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0116 for crossing outlet deformed and clogged with dirt. FIELD_STRUCT_DESC: 1 of 2: 36-inch corrugated metal pipe (CMP) through the levee. Slide gates in CMP riser on the waterward slope. (ABO No. 9487-1974, Jimeno Rancho) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 103+18). FS Date: 10/18/2012	39.231866 ° -122.015442 °	39.231866 ° -122.015442 °	56
DWR ID: DWR_MA0001_01_f_2013_56										

30	1.96	1.96	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:10624 EP_NO: 9487 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Remove dirt and debris in riser. Outlet deformed and blocked over 50%. Debris-round concrete section on landward side. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0116 for crossing outlet deformed and clogged with dirt. FIELD_STRUCT_DESC: 1 of 2: 36-inch corrugated metal pipe (CMP) through the levee. Slide gates in CMP riser on the waterward slope. (ABO No. 9487-1974, Jimeno Rancho) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 103+18). FS Date: 3/30/2013 10:04:00 PM	39.231866 ° -122.015442 °	39.231866 ° -122.015442 °	57
DWR ID: DWR_MA0001_01_f_2013_57										

31	1.96	1.96	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:16455 EP_NO: 9487 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: WS-remove dirt and debris in riser. Outlet deformed and blocked over 50%. Burrow activity near outlet on waterward slope. Debris around concrete section on landward side. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0116 for crossing outlet deformed and clogged with dirt.7/18/2013 WS pipe end has been reformed but is still partially blocked with dirt and debris. FIELD_STRUCT_DESC: 2 of 2: 36-inch corrugated metal pipe (CMP) through the levee. Slide gates in CMP riser on the waterward slope. (ABO No. 9487-1974, Jimeno Rancho) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 103+18). FS Date: 7/25/2013 9:43:53 AM	39.231880 ° -122.015432 °	39.231880 ° -122.015432 °	58
DWR ID: DWR_MA0001_01_f_2013_58										

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

32	1.96	1.96	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:16454 EP_NO: 9487 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: WS-remove dirt and debris in riser. Outlet deformed and blocked over 50%. Burrow activity near outlet on waterward slope. Debris around concrete section on landward side. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0116 for crossing outlet deformed and clogged with dirt.7/18/2013 WS pipe end has been reformed but is still partially blocked with dirt and debris. FIELD_STRUCT_DESC: 2 of 2: 36-inch corrugated metal pipe (CMP) through the levee. Slide gates in CMP riser on the waterward slope. (ABO No. 9487-1974, Jimeno Rancho) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 103+18). FS Date: 7/25/2013 9:42:29 AM	39.231880 ° -122.015432 °	39.231880 ° -122.015432 °	59
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DWR ID: DWR_MA0001_01_f_2013_59

33	1.96	1.96	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7547 EP_NO: 9487 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 2 of 2: 36-inch corrugated metal pipe (CMP) through the levee. Slide gates in CMP riser on the waterward slope. (ABO No. 9487-1974, Jimeno Rancho) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 103+18). FS Date: 10/18/2012	39.231880 ° -122.015432 °	39.231880 ° -122.015432 °	60
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DWR ID: DWR_MA0001_01_f_2013_60

34	1.96	1.96	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8575 EP_NO: 9487 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: WS-remove dirt and debris in riser. Outlet deformed and blocked over 50%. Burrow activity near outlet on waterward slope. Debris around concrete section on landward side. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0116 for crossing outlet deformed and clogged with dirt. FIELD_STRUCT_DESC: 2 of 2: 36-inch corrugated metal pipe (CMP) through the levee. Slide gates in CMP riser on the waterward slope. (ABO No. 9487-1974, Jimeno Rancho) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 103+18). FS Date: 10/18/2012	39.231880 ° -122.015432 °	39.231880 ° -122.015432 °	61
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DWR ID: DWR_MA0001_01_f_2013_61

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

35	1.96	1.96	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8244 EP_NO: 9487 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: WS-remove dirt and debris in riser. Outlet deformed and blocked over 50%. Burrow activity near outlet on waterward slope. Debris-round concrete section on landward side. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0116 for crossing outlet deformed and clogged with dirt. FIELD_STRUCT_DESC: 2 of 2: 36-inch corrugated metal pipe (CMP) through the levee. Slide gates in CMP riser on the waterward slope. (ABO No. 9487-1974, Jimeno Rancho) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 103+18). FS Date: 10/18/2012	39.231880 °	39.231880 °	62
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DWR ID: DWR_MA0001_01_f_2013_62

36	1.96	1.96	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7981 EP_NO: 9487 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 2 of 2: 36-inch corrugated metal pipe (CMP) through the levee. Slide gates in CMP riser on the waterward slope. (ABO No. 9487-1974, Jimeno Rancho) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 103+18). FS Date: 10/18/2012	39.231880 °	39.231880 °	63
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DWR ID: DWR_MA0001_01_f_2013_63

37	1.96	1.96	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8242 EP_NO: 9487 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Remove dirt and debris in riser. Outlet deformed and blocked over 50%. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0116 for crossing outlet deformed and clogged with dirt. FIELD_STRUCT_DESC: 2 of 2: 36-inch corrugated metal pipe (CMP) through the levee. Slide gates in CMP riser on the waterward slope. (ABO No. 9487-1974, Jimeno Rancho) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 103+18). FS Date: 10/18/2012	39.231880 °	39.231880 °	64
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DWR ID: DWR_MA0001_01_f_2013_64

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
38	1.96	1.96	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7144 EP_NO: 9487 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 2 of 2: 36-inch corrugated metal pipe (CMP) through the levee. Slide gates in CMP riser on the waterward slope. (ABO No. 9487-1974, Jimeno Rancho) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 103+18). FS Date: 10/18/2012	39.231880 ° -122.015432 °	39.231880 ° -122.015432 °	65
DWR ID: DWR_MA0001_01_f_2013_65										
39	2.03	2.03	Earthen Levee	Animal Control	LS	A Ma	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										
40	2.28	2.28	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8577 EP_NO: 9472 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Remove debri from riser. Landward inlet is blocked by over 50%. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0128 for sediment build up at inlet (landward side) and debris inside riser. FIELD_STRUCT_DESC: 54-inch corrugated metal drain pipe through the levee. Slide gate in CMP riser on the waterward slope. 48-inch corrugated metal pipe at landward slope. This crossing crosses the levee at an angle. (ABO No. 9472-1974, Ballard) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 120+00) dated 1955. FS Date: 10/18/2012 2:14:00 PM	39.235993 ° -122.012970 °	39.235993 ° -122.012970 °	66
DWR ID: DWR_MA0001_01_f_2013_66										
41	2.28	2.28	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7549 EP_NO: 9472 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe crosses levee at an angle; ws inlet 48 inches, it appears that this crossing hasn't been used in years. FIELD_STRUCT_DESC: 54-inch corrugated metal drain pipe through the levee. Slide gate in CMP riser on the waterward slope. (ABO No. 9472-1974, Ballard) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 120+00) dated 1955. FS Date: 10/18/2012 2:14:00 PM	39.235993 ° -122.012970 °	39.235993 ° -122.012970 °	67
DWR ID: DWR_MA0001_01_f_2013_67										

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

42	2.28	2.28	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7200 EP_NO: 9472 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe crosses levee at an angle; ws inlet 48 inches, it appears that this crossing hasn't been used in years. FIELD_STRUCT_DESC: 54-inch corrugated metal drain pipe through the levee. Slide gate in CMP riser on the waterward slope. (ABO No. 9472-1974, Ballard) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 120+00) dated 1955. FS Date: 10/18/2012 2:14:22 PM	39.235993 °	39.235993 °	68
								-122.012970 °	-122.012970 °	
										DWR ID: DWR_MA0001_01_f_2013_68

43	2.28	2.28	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8576 EP_NO: 9472 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Remove debris from riser. Landward inlet is blocked by over 50%. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0128 for sediment build up at inlet (landward side) and debris inside riser. . FIELD_STRUCT_DESC: 54-inch corrugated metal drain pipe through the levee. Slide gate in CMP riser on the waterward slope. 48-inch corrugated metal pipe at landward slope. This crossing crosses the levee at an angle. (ABO No. 9472-1974, Ballard) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 120+00) dated 1955. FS Date: 10/18/2012 2:14:00 PM	39.235993 °	39.235993 °	69
								-122.012970 °	-122.012970 °	
										DWR ID: DWR_MA0001_01_f_2013_69

44	2.28	2.28	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:16456 EP_NO: 9472 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Remove debris from riser. Landward inlet is blocked by over 50%. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0128 for sediment build up at inlet (landward side) and debris inside riser.7/18/2013 Same as last inspection. FIELD_STRUCT_DESC: 54-inch corrugated metal drain pipe through the levee. Slide gate in CMP riser on the waterward slope. 48-inch corrugated metal pipe at landward slope. This crossing crosses the levee at an angle. (ABO No. 9472-1974, Ballard) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 120+00) dated 1955. FS Date: 7/25/2013 9:45:15 AM	39.235993 °	39.235993 °	70
								-122.012970 °	-122.012970 °	
										DWR ID: DWR_MA0001_01_f_2013_70

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

45	2.28	2.28	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:9242 EP_NO: 9472 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Remove debris from riser. Landward inlet is blocked by over 50%. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0128 for sediment build up at inlet (landward side) and debris inside riser. FIELD_STRUCT_DESC: 54-inch corrugated metal drain pipe through the levee. Slide gate in CMP riser on the waterward slope. 48-inch corrugated metal pipe at landward slope. This crossing crosses the levee at an angle. (ABO No. 9472-1974, Ballard) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 120+00) dated 1955. FS Date: 10/18/2012 2:14:00 PM	39.235993 ° -122.012970 °	39.235993 ° -122.012970 °	71 Y
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DWR ID: DWR_MA0001_01_f_2013_71

46	2.28	2.28	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8000 EP_NO: 9472 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe crosses levee at an angle; ws inlet 48 inches, it appears that this crossing hasn't been used in years. FIELD_STRUCT_DESC: 54-inch corrugated metal drain pipe through the levee. Slide gate in CMP riser on the waterward slope. (ABO No. 9472-1974, Ballard) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 120+00) dated 1955. FS Date: 10/18/2012 2:14:00 PM	39.235993 ° -122.012970 °	39.235993 ° -122.012970 °	72
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DWR ID: DWR_MA0001_01_f_2013_72

47	2.28	2.28	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8246 EP_NO: 9472 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Remove debri from riser. Landward inlet is blocked by over 50%. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0128 for sediment build up at inlet (landward side) and debris inside riser. MEASURE PIPE WS AND LS. FIELD_STRUCT_DESC: 54-inch corrugated metal drain pipe through the levee. Slide gate in CMP riser on the waterward slope. 48-inch corrugated metal pipe at landward slope. This crossing crosses the levee at an angle. (ABO No. 9472-1974, Ballard) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 120+00) dated 1955. FS Date: 10/18/2012 2:14:00 PM	39.235993 ° -122.012970 °	39.235993 ° -122.012970 °	73
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DWR ID: DWR_MA0001_01_f_2013_73

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

48	2.28	2.28	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8245 EP_NO: 9472 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe crosses levee at an angle; ws inlet 48 inches, it appears that this crossing hasn't been used in years. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0128 for sediment build up at inlet (landward side) and debris inside riser. MEASURE PIPE WS AND LS. FIELD_STRUCT_DESC: 54-inch corrugated metal drain pipe through the levee. Slide gate in CMP riser on the waterward slope. 48-inch corrugated metal pipe at landward slope. This crossing crosses the levee at an angle. (ABO No. 9472-1974, Ballard) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 120+00) dated 1955. FS Date: 10/18/2012 2:14:00 PM	39.235993 °	39.235993 °	74
								-122.012970 °	-122.012970 °	
								DWR ID: DWR_MA0001_01_f_2013_74		

49	2.30	2.30	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8001 EP_NO: 9467 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs to be properly abandoned. FIELD_STRUCT_DESC: 24-inch corrugated metal drain pipe through levee. Slide gate in CMP riser on the waterward slope. (ABO No. 9467-1974, Lovell E. Spurgeon) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 120+60) FS Date: 10/18/2012	39.236178 °	39.236178 °	75
								-122.012812 °	-122.012812 °	
								DWR ID: DWR_MA0001_01_f_2013_75		

50	2.30	2.30	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:16457 EP_NO: 9467 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Only riser visible. Debris and sediment blocking gate. Gate inside riser is buried and non-functional. If crossing is abandoned, owner needs to properly abandon. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0132 no culvert through the levee is visible here. 7/18/2013 Same as last inspection. FIELD_STRUCT_DESC: 24-inch corrugated metal drain pipe through levee. Slide gate in CMP riser on the waterward slope. (ABO No. 9467-1974, Lovell E. Spurgeon) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 120+60) FS Date: 7/25/2013 9:46:24 AM	39.236178 °	39.236178 °	76
								-122.012812 °	-122.012812 °	
								DWR ID: DWR_MA0001_01_f_2013_76		

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

51	2.30	2.30	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8247 EP_NO: 9467 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Only riser visible. Debris and sediment blocking gate. Gate inside riser is buried and non-functional. If crossing is abandoned. Owner needs to properly abandoned. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0132 no culvert through the levee is visible here. FIELD_STRUCT_DESC: 24-inch corrugated metal drain pipe through levee. Slide gate in CMP riser on the waterward slope. (ABO No. 9467-1974, Lovell E. Spurgeon) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 120+60) FS Date: 10/18/2012	39.236178 °	39.236178 °	77
								-122.012812 °	-122.012812 °	

DWR ID: DWR_MA0001_01_f_2013_77

52	2.30	2.30	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7550 EP_NO: 9467 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs to be properly abandoned. FIELD_STRUCT_DESC: 24-inch corrugated metal drain pipe through levee. Slide gate in CMP riser on the waterward slope. (ABO No. 9467-1974, Lovell E. Spurgeon) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 120+60) FS Date: 10/18/2012	39.236178 °	39.236178 °	78
								-122.012812 °	-122.012812 °	

DWR ID: DWR_MA0001_01_f_2013_78

53	2.30	2.30	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7201 EP_NO: 9467 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs to be properly abandoned. FIELD_STRUCT_DESC: 24-inch corrugated metal drain pipe through levee. Slide gate in CMP riser on the waterward slope. (ABO No. 9467-1974, Lovell E. Spurgeon) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 120+60) FS Date: 10/18/2012	39.236178 °	39.236178 °	79
								-122.012812 °	-122.012812 °	

DWR ID: DWR_MA0001_01_f_2013_79

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
54	2.30	2.30	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8578 EP_NO: 9467 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Only riser visible. Debris and sediment blocking gate. Gate inside riser is buried and non-functional. If crossing is abandoned, owner needs to properly abandon. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0132 no culvert through the levee is visible here. FIELD_STRUCT_DESC: 24-inch corrugated metal drain pipe through levee. Slide gate in CMP riser on the waterward slope. (ABO No. 9467-1974, Lovell E. Spurgeon) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 120+60) FS Date: 10/18/2012	39.236178 ° -122.012812 °	39.236178 ° -122.012812 °	80 Y
DWR ID: DWR_MA0001_01_f_2013_80										
55	2.58	2.60	Earthen Levee	Encroachments	LS	U En	BU : Building	39.239750 ° -122.010390 °	39.239955 ° -122.010090 °	20 Y
DWR ID: DWR_MA0001_01_s_2012_20										
56	2.66	2.70	Earthen Levee	Animal Control	LS	A Ma	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										
57	2.87	2.87	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:8248 EP_NO: 9474 Repair Type: Urgent Crossing Status: Found UCIP Comments: Missing positive closure device on waterward side. This structure appears abandoned-slide gates have been removed. During high water flow goes through levee. Crossing needs to be properly abandoned. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0169 for concrete box partially filled with dirt. FIELD_STRUCT_DESC: 1 of 2: 60-inch concrete pipe through the levee. Slide gates in concrete well at the waterward toe. (ABO No. 9474-1974, George R. Zumwalt) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 150+06). O&M description is for 2-5 foot by 5 foot concrete culverts 2-slide gates hand operated. Culvert constructed with wing walls and gate well. FS Date: 10/18/2012	39.243410 ° -122.008393 °	39.243410 ° -122.008393 °	81
DWR ID: DWR_MA0001_01_f_2013_81										

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
58	2.87	2.87	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7202 EP_NO: 9474 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: angled crossing; concrete box filled with soil; slide gate missing FIELD_STRUCT_DESC: 1 of 2: 60-inch concrete pipe through the levee. Slide gates in concrete well at the waterward toe. (ABO No. 9474-1974, George R. Zumwalt) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 150+06). O&M description is for 2-5'x5' concrete culverts 2-slide gates hand operated. Culvert constructed with wing walls and gate well. FS Date: 10/18/2012	39.243410 ° -122.008393 °	39.243410 ° -122.008393 °	82

DWR ID: DWR_MA0001_01_f_2013_82

59	2.87	2.87	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:8062 EP_NO: 9474 Repair Type: Urgent Crossing Status: Found UCIP Comments: No positive closure device on waterward side. This structure appears abandoned-slide gates have been removed. During high water flow goes through levee. Needs to be properly abandoned. FIELD_STRUCT_DESC: 1 of 2: 60-inch concrete pipe through the levee. Slide gates in concrete well at the waterward toe. (ABO No. 9474-1974, George R. Zumwalt) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 150+06). O&M description is for 2-5'x5' concrete culverts 2-slide gates hand operated. Culvert constructed with wing walls and gate well. FS Date: 10/18/2012	39.243410 ° -122.008393 °	39.243410 ° -122.008393 °	83
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DWR ID: DWR_MA0001_01_f_2013_83

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

60	2.87	2.87	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:8579 EP_NO: 9474 Repair Type: Urgent Crossing Status: Found UCIP Comments: During high water flow goes through levee. Missing positive closure device on waterward side. This structure appears abandoned-slide gates have been removed. Crossing needs to be properly abandoned. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0169 for concrete box partially filled with dirt. FIELD_STRUCT_DESC: 1 of 2: 60-inch concrete pipe through the levee. Slide gates in concrete well at the waterward toe. (ABO No. 9474-1974, George R. Zumwalt) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 150+06). O&M description is for 2-5 foot by 5 foot concrete culverts 2-slide gates hand operated. Culvert constructed with wing walls and gate well. FS Date: 10/18/2012	39.243410 °	39.243410 °	84
								-122.008393 °	-122.008393 °	Y

DWR ID: DWR_MA0001_01_f_2013_84

61	2.87	2.87	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8060 EP_NO: 9474 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: angled crossing; concrete box filled with soil; slide gate missing FIELD_STRUCT_DESC: 1 of 2: 60-inch concrete pipe through the levee. Slide gates in concrete well at the waterward toe. (ABO No. 9474-1974, George R. Zumwalt) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 150+06). O&M description is for 2-5'x5' concrete culverts 2-slide gates hand operated. Culvert constructed with wing walls and gate well. FS Date: 10/18/2012	39.243410 °	39.243410 °	85
								-122.008393 °	-122.008393 °	

DWR ID: DWR_MA0001_01_f_2013_85

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

62	2.87	2.87	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:16458 EP_NO: 9474 Repair Type: Urgent Crossing Status: Found UCIP Comments: During high water flow goes through levee. Missing positive closure device on waterward side. This structure appears abandoned-slide gates have been removed. Crossing needs to be properly abandoned. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0169 for concrete box partially filled with dirt.7/18/2013 Same as last inspection. FIELD_STRUCT_DESC: 1 of 2: 60-inch concrete pipe through the levee. Slide gates in concrete well at the waterward toe. (ABO No. 9474-1974, George R. Zumwalt) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 150+06). O&M description is for 2-5 foot by 5 foot concrete culverts 2-slide gates hand operated. Culvert constructed with wing walls and gate well. FS Date: 7/25/2013 9:47:17 AM	39.243410 °	39.243410 °	86
								-122.008393 °	-122.008393 °	
								DWR ID: DWR_MA0001_01_f_2013_86		

63	2.87	2.87	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7551 EP_NO: 9474 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: angled crossing; concrete box filled with soil; slide gate missing FIELD_STRUCT_DESC: 1 of 2: 60-inch concrete pipe through the levee. Slide gates in concrete well at the waterward toe. (ABO No. 9474-1974, George R. Zumwalt) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 150+06). O&M description is for 2-5'x5' concrete culverts 2-slide gates hand operated. Culvert constructed with wing walls and gate well. FS Date: 10/18/2012	39.243410 °	39.243410 °	87
								-122.008393 °	-122.008393 °	
								DWR ID: DWR_MA0001_01_f_2013_87		

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

64	2.87	2.87	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:8249 EP_NO: 9474 Repair Type: Urgent Crossing Status: Found UCIP Comments: Missing positive closure device on waterward side. This structure appears abandoned-slide gates have been removed. During high water flow goes through levee. Crossing needs to be properly abandoned. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0169 for concrete box partially filled with dirt. FIELD_STRUCT_DESC: 2 of 2: 60-inch pipe through the levee. Crossing angles through levee. Slide gates in concrete well at the waterward toe. Slide gates missing. (ABO No. 9474-1974, George R. Zumwalt) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 150+06). O&M description is for 2-5 foot by 5 foot concrete culverts 2-slide gates hand operated. Culvert constructed with wing walls and gate well. FS Date: 10/18/2012	39.243433 °	39.243433 °	88
								-122.008386 °	-122.008386 °	
								DWR ID: DWR_MA0001_01_f_2013_88		

65	2.87	2.87	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:8061 EP_NO: 9474 Repair Type: Urgent Crossing Status: Found UCIP Comments: No positive closure device on waterward side. This structure appears abandoned-slide gates have been removed. During high water flow goes through levee. Needs to be properly abandoned. FIELD_STRUCT_DESC: 2 of 2: 60-inch pipe through the levee. Crossing angles through levee. Slide gates in concrete well at the waterward toe. Slide gates missing. (ABO No. 9474-1974, George R. Zumwalt) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 150+06). O&M description is for 2-5'x5' concrete culverts 2-slide gates hand operated. Culvert constructed with wing walls and gate well. FS Date: 10/18/2012	39.243433 °	39.243433 °	89
								-122.008386 °	-122.008386 °	
								DWR ID: DWR_MA0001_01_f_2013_89		

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

66	2.87	2.87	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7552 EP_NO: 9474 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: angled crossing box concrete file; LS outlet blocked FIELD_STRUCT_DESC: 2 of 2: 60-inch pipe through the levee. Slide gates in concrete well at the waterward toe. (ABO No. 9474-1974, George R. Zumwalt) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 150+06). O&M description is for 2-5'x5' concrete culverts 2-slide gates hand operated. Culvert constructed with wing walls and gate well. FS Date: 10/18/2012	39.243433 °	39.243433 °	90
								-122.008386 °	-122.008386 °	

DWR ID: DWR_MA0001_01_f_2013_90

67	2.87	2.87	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7203 EP_NO: 9474 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: angled crossing box concrete file; LS outlet blocked FIELD_STRUCT_DESC: 2 of 2: 60-inch pipe through the levee. Slide gates in concrete well at the waterward toe. (ABO No. 9474-1974, George R. Zumwalt) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 150+06). O&M description is for 2-5'x5' concrete culverts 2-slide gates hand operated. Culvert constructed with wing walls and gate well. FS Date: 10/18/2012	39.243433 °	39.243433 °	91
								-122.008386 °	-122.008386 °	

DWR ID: DWR_MA0001_01_f_2013_91

68	2.87	2.87	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:8580 EP_NO: 9474 Repair Type: Urgent Crossing Status: Found UCIP Comments: During high water flow goes through levee. Missing positive closure device on waterward side. This structure appears abandoned-slide gates have been removed. Crossing needs to be properly abandoned. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0169 for concrete box partially filled with dirt. FIELD_STRUCT_DESC: 2 of 2: 60-inch pipe through the levee. Crossing angles through levee. Slide gates in concrete well at the waterward toe. Slide gates missing. (ABO No. 9474-1974, George R. Zumwalt) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 150+06). O&M description is for 2-5 foot by 5 foot concrete culverts 2-slide gates hand operated. Culvert constructed with wing walls and gate well. FS Date: 10/18/2012	39.243433 °	39.243433 °	92
								-122.008386 °	-122.008386 °	

DWR ID: DWR_MA0001_01_f_2013_92

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

69	2.87	2.87	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:16459 EP_NO: 9474 Repair Type: Urgent Crossing Status: Found UCIP Comments: During high water flow goes through levee. Missing positive closure device on waterward side. This structure appears abandoned-slide gates have been removed. Crossing needs to be properly abandoned. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0169 for concrete box partially filled with dirt.7/18/2013 Same as last inspection. FIELD_STRUCT_DESC: 2 of 2: 60-inch pipe through the levee. Crossing angles through levee. Slide gates in concrete well at the waterward toe. Slide gates missing. (ABO No. 9474-1974, George R. Zumwalt) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 150+06). O&M description is for 2-5 foot by 5 foot concrete culverts 2-slide gates hand operated. Culvert constructed with wing walls and gate well. FS Date: 7/25/2013 9:47:55 AM	39.243433 ° -122.008386 °	39.243433 ° -122.008386 °	93
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DWR ID: DWR_MA0001_01_f_2013_93

70	3.10	3.78	Earthen Levee	Encroachments	LS	U En	DT : Ditch	39.246822 ° -122.008146 °	39.256054 ° -122.009808 °	5 Y
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DWR ID: DWR_MA0001_01_s_2012_5

71	3.40	3.40	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:9243 EP_NO: 9490 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: LS pipe slightly deformed and sediment build up blocking about 30% of opening; need to check the condition of the slide gate-need photo. Metal marker down. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0187 for sediment build up at landward toe. FIELD_STRUCT_DESC: 36-inch drain pipe through the levee. Slide gate in CMP riser on the waterward slope. (Permit No. 9490-1955) This entry matches the Drainage and Irrigation structure referenced in O&M manual (Station 177+67). (USACE-1955) FS Date: 10/18/2012	39.250843 ° -122.007992 °	39.250843 ° -122.007992 °	94
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DWR ID: DWR_MA0001_01_f_2013_94

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

72	3.40	3.40	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8063 EP_NO: 9490 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: LS pipe slightly deformed, sediment build up; need to check the condition of the slide gate. Metal marker down. FIELD_STRUCT_DESC: 36-inch drain pipe through the levee. Slide gate in CMP riser on the waterward slope. This entry matches the Drainage and Irrigation structure referenced in O&M manual (Station 177+67). (USACE-1955) FS Date: 10/18/2012	39.250843 °	39.250843 °	95
								-122.007992 °	-122.007992 °	
								DWR ID: DWR_MA0001_01_f_2013_95		

73	3.40	3.40	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8582 EP_NO: 9490 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: LS pipe slightly deformed and sediment build up blocking about 30% of opening; need to check the condition of the slide gate-need photo. Metal marker down. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0187 for sediment build up at landward toe. FIELD_STRUCT_DESC: 36-inch drain pipe through the levee. Slide gate in CMP riser on the waterward slope. This entry matches the Drainage and Irrigation structure referenced in O&M manual (Station 177+67). (USACE-1955) FS Date: 10/18/2012	39.250843 °	39.250843 °	96
								-122.007992 °	-122.007992 °	
								DWR ID: DWR_MA0001_01_f_2013_96		

74	3.40	3.40	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8250 EP_NO: 9490 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: LS pipe slightly deformed and sediment build up blocking about 30% of opening; need to check the condition of the slide gate. Metal marker down. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0187 for sediment build up at landward toe. NEED PICTURE OF THE INSIDE OF RISER. FIELD_STRUCT_DESC: 36-inch drain pipe through the levee. Slide gate in CMP riser on the waterward slope. This entry matches the Drainage and Irrigation structure referenced in O&M manual (Station 177+67). (USACE-1955) FS Date: 10/18/2012	39.250843 °	39.250843 °	97
								-122.007992 °	-122.007992 °	Y
								DWR ID: DWR_MA0001_01_f_2013_97		

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

75	3.40	3.40	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:16462 EP_NO: 9490 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: LS pipe slightly deformed and sediment build up blocking about 30% of opening; need to check the condition of the slide gate-need photo. Metal marker down. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0187 for sediment build up at landward toe.7/18/2013 WS slide gate looks to be in good condition but stem is slightly bent. Not sure if bend will hinder gates operation or not. LS inlet is still blocked by minor sediment build up. FIELD_STRUCT_DESC: 36-inch drain pipe through the levee. Slide gate in CMP riser on the waterward slope. (Permit No. 9490-1955) This entry matches the Drainage and Irrigation structure referenced in O&M manual (Station 177+67). (USACE-1955) FS Date: 7/25/2013 9:51:18 AM	39.250843 °	39.250843 °	98
								-122.007992 °	-122.007992 °	

DWR ID: DWR_MA0001_01_f_2013_98

76	3.40	3.40	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:16461 EP_NO: 9490 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: LS pipe slightly deformed and sediment build up blocking about 30% of opening; need to check the condition of the slide gate-need photo. Metal marker down. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0187 for sediment build up at landward toe.7/18/2013 WS slide gate looks to be in good condition but stem is slightly bent. Not sure if bend will hinder gates operation or not. LS inlet is still blocked by minor sediment build up. FIELD_STRUCT_DESC: 36-inch drain pipe through the levee. Slide gate in CMP riser on the waterward slope. (Permit No. 9490-1955) This entry matches the Drainage and Irrigation structure referenced in O&M manual (Station 177+67). (USACE-1955) FS Date: 7/25/2013 9:49:39 AM	39.250843 °	39.250843 °	99
								-122.007992 °	-122.007992 °	

DWR ID: DWR_MA0001_01_f_2013_99

77	3.40	3.40	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7554 EP_NO: 9490 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: LS pipe slightly deformed, sediment build up FIELD_STRUCT_DESC: 36-inch drain pipe through the levee. Slide gate in CMP riser on the waterward slope. This entry matches the Drainage and Irrigation structure referenced in O&M manual (Station 177+67). (USACE-1955) FS Date: 10/18/2012	39.250843 °	39.250843 °	100
								-122.007992 °	-122.007992 °	

DWR ID: DWR_MA0001_01_f_2013_100

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

78	3.40	3.40	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7204 EP_NO: 9490 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: LS pipe slightly deformed, sediment build up FIELD_STRUCT_DESC: 36-inch drain pipe through the levee. Slide gate in CMP riser on the waterward slope. This entry matches the Drainage and Irrigation structure referenced in O&M manual (Station 177+67). (USACE-1955) FS Date: 10/18/2012	39.250843 ° -122.007992 °	39.250843 ° -122.007992 °	101
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DWR ID: DWR_MA0001_01_f_2013_101

79	3.40	3.40	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8581 EP_NO: 9490 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: LS pipe slightly deformed and sediment build up blocking about 30% of opening; need to check the condition of the slide gate. Metal marker down. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0187 for sediment build up at landward toe. FIELD_STRUCT_DESC: 36-inch drain pipe through the levee. Slide gate in CMP riser on the waterward slope. This entry matches the Drainage and Irrigation structure referenced in O&M manual (Station 177+67). (USACE-1955) FS Date: 10/18/2012	39.250843 ° -122.007992 °	39.250843 ° -122.007992 °	102
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DWR ID: DWR_MA0001_01_f_2013_102

80	3.76	3.76	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:9251 EP_NO: 4213 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Recommend adding door to LS concrete structure. Riser located on landward side is damaged. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0194 no issues logged. FIELD_STRUCT_DESC: 24-inch pipe through the levee. Gate valve on waterward shoulder. 1-1/4 inch conduit through the levee. Siphon breaker on the landward shoulder. Concrete pump house. (Permit No. 4213-1973, Scott Ranch) FS Date: 10/19/2012	39.255803 ° -122.009683 °	39.255803 ° -122.009683 °	103
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DWR ID: DWR_MA0001_01_f_2013_103

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway			Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River			Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

81	3.76	3.76	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8064 EP_NO: 4213 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch pipe through the levee. Gate valve on waterward shoulder 1-1/4 inch conduit through the levee. Siphon breaker on the landward shoulder. Concrete pump house. (Permit No. 4213-1973, Scott Ranch) FS Date: 10/19/2012	39.255803 ° -122.009683 °	39.255803 ° -122.009683 °	104
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DWR ID: DWR_MA0001_01_f_2013_104

82	3.76	3.76	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8583 EP_NO: 4213 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Recommend door for concrete structure. Riser located on landward side is damaged. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0194 no issues logged. FIELD_STRUCT_DESC: 24-inch pipe through the levee. Gate valve on waterward shoulder. 1-1/4 inch conduit through the levee. Siphon breaker on the landward shoulder. Concrete pump house. (Permit No. 4213-1973, Scott Ranch) FS Date: 10/19/2012	39.255803 ° -122.009683 °	39.255803 ° -122.009683 °	105 Y
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DWR ID: DWR_MA0001_01_f_2013_105

83	3.76	3.76	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:16463 EP_NO: 4213 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Recommend adding door to LS concrete structure. Riser located on landward side is damaged. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0194 no issues logged.7/18/2013 Same as last inspection. FIELD_STRUCT_DESC: 24-inch pipe through the levee. Gate valve on waterward shoulder. 1-1/4 inch conduit through the levee. Siphon breaker on the landward shoulder. Concrete pump house. (Permit No. 4213-1973, Scott Ranch) FS Date: 7/25/2013 9:53:03 AM	39.255803 ° -122.009683 °	39.255803 ° -122.009683 °	106
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DWR ID: DWR_MA0001_01_f_2013_106

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

84	3.76	3.76	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8251 EP_NO: 4213 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0194 no issues logged. NEED BETTER PICTURES! TWO CROSSINGS 3.763 and 3.794 and 3.854. FIELD_STRUCT_DESC: 24-inch pipe through the levee. Gate valve on waterward shoulder. 1-1/4 inch conduit through the levee. Siphon breaker on the landward shoulder. Concrete pump house. (Permit No. 4213-1973, Scott Ranch) FS Date: 10/19/2012	39.255803 °	39.255803 °	107	
								-122.009683 °	-122.009683 °		
								DWR ID: DWR_MA0001_01_f_2013_107			

85	3.79	3.79	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:16464 EP_NO: 9490 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Crossing needs to be properly abandoned. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0194-6 & 7 no issues logged. 7/18/2013 Same as last inspection. FIELD_STRUCT_DESC: Abandoned 36-inch corrugated metal pipe (CMP) through levee. Concrete distribution box with pump system located on landward side. Slide gate on the waterward slope removed. (ABO No. 9490-1974, Charles T & Virginia W. Yerxa) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 197+19). FS Date: 7/25/2013 9:53:44 AM	39.256189 °	39.256189 °	108	
								-122.009957 °	-122.009957 °		
								DWR ID: DWR_MA0001_01_f_2013_108			

86	3.79	3.79	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8400 EP_NO: 9490 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Needs to be properly abandoned. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0194-6 & 7 no issues logged. FIELD_STRUCT_DESC: Abandoned 36-inch corrugated metal pipe (CMP) through levee. Slide gate on the waterward slope. (ABO No. 9490-1974, Charles T & Virginia W. Yerxa) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 197+19). FS Date: 10/19/2012	39.256189 °	39.256189 °	109	
								-122.009957 °	-122.009957 °		
								DWR ID: DWR_MA0001_01_f_2013_109			

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

87	3.79	3.79	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8252 EP_NO: 9490 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: NEED TO GO BACK TO MA0001 TO LOOK AT THIS CROSSING AT THIS CROSSING AND TAKE MORE PICTURES. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0194-6 & 7. NEED BETTER PICTURES! TWO CROSSINGS 3.763 and 3.794 and 3.854. FIELD_STRUCT_DESC: Abandoned 36-inch corrugated metal pipe (CMP) through levee. Slide gate on the waterward slope. (ABO No. 9490-1974, Charles T & Virginia W. Yerxa) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 197+19). FS Date: 10/19/2012	39.256189 ° -122.009957 °	39.256189 ° -122.009957 °	110 Y
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DWR ID: DWR_MA0001_01_f_2013_110

88	3.79	3.79	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8080 EP_NO: 9490 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: NEED TO GO BACK TO MA0001 TO LOOK AT THIS CROSSING AT THIS CROSSING AND TAKE MORE PICTURES. FIELD_STRUCT_DESC: Abandoned 36-inch corrugated metal pipe (CMP) through levee. Slide gate on the waterward slope. (ABO No. 9490-1974, Charles T & Virginia W. Yerxa) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 197+19). FS Date: 10/19/2012	39.256189 ° -122.009957 °	39.256189 ° -122.009957 °	111
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DWR ID: DWR_MA0001_01_f_2013_111

89	3.79	3.79	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8254 EP_NO: 9490 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: NEED TO GO BACK TO MA0001 TO LOOK AT THIS CROSSING AT THIS CROSSING AND TAKE MORE PICTURES. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0194-6 & 7 no issues logged. NEED BETTER PICTURES! TWO CROSSINGS 3.763 and 3.794 and 3.854. FIELD_STRUCT_DESC: Abandoned 36-inch corrugated metal pipe (CMP) through levee. Slide gate on the waterward slope. (ABO No. 9490-1974, Charles T & Virginia W. Yerxa) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 197+19). FS Date: 10/19/2012	39.256189 ° -122.009957 °	39.256189 ° -122.009957 °	112
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DWR ID: DWR_MA0001_01_f_2013_112

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

90	3.79	3.79	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7289 EP_NO: 9490 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: Abandoned 36-inch corrugated metal pipe (CMP) through levee. Slide gate on the waterward slope. (ABO No. 9490-1974, Charles T & Virginia W. Yerxa) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 197+19). FS Date: 10/19/2012	39.256189 °	39.256189 °	113
								-122.009957 °	-122.009957 °	
								DWR ID: DWR_MA0001_01_f_2013_113		

91	3.79	3.79	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8403 EP_NO: 9490 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Crossing needs to be properly abandoned. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0194-6 & 7 no issues logged. FIELD_STRUCT_DESC: Abandoned 36-inch corrugated metal pipe (CMP) through levee. Concrete distribution box with pump system located on landward side. Slide gate on the waterward slope removed. (ABO No. 9490-1974, Charles T & Virginia W. Yerxa) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 197+19). FS Date: 10/19/2012	39.256189 °	39.256189 °	114
								-122.009957 °	-122.009957 °	
								DWR ID: DWR_MA0001_01_f_2013_114		

92	3.79	3.79	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8402 EP_NO: 9490 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Needs to be properly abandoned. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0194-6 & 7 no issues logged. FIELD_STRUCT_DESC: Abandoned 36-inch corrugated metal pipe (CMP) through levee. Concrete distribution box with pump system located on landward side. Slide gate on the waterward slope removed. (ABO No. 9490-1974, Charles T & Virginia W. Yerxa) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 197+19). FS Date: 10/19/2012	39.256189 °	39.256189 °	115
								-122.009957 °	-122.009957 °	
								DWR ID: DWR_MA0001_01_f_2013_115		

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
93	3.79	3.79	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7556 EP_NO: 9490 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: Abandoned 36-inch corrugated metal pipe (CMP) through levee. Slide gate on the waterward slope. (ABO No. 9490-1974, Charles T & Virginia W. Yerxa) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 197+19). FS Date: 10/19/2012	39.256189 ° -122.009957 °	39.256189 ° -122.009957 °	116
DWR ID: DWR_MA0001_01_f_2013_116										
94	3.79	3.79	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7206 EP_NO: 9490 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: Abandoned 36-inch corrugated metal pipe (CMP) through levee. Slide gate on the waterward slope. (ABO No. 9490-1974, Charles T & Virginia W. Yerxa) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 197+19). FS Date: 10/18/2012	39.256189 ° -122.009957 °	39.256189 ° -122.009957 °	117
DWR ID: DWR_MA0001_01_f_2013_117										
95	3.85	3.85	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7207 EP_NO: 9489 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: with riser & slide gate concrete box WS; 30" pipe on LS; concrete headwall LS; doesn't appear to be original pipe; 36" pipe on WS with 12" extended to river FIELD_STRUCT_DESC: 36-inch corrugated metal pipe through the levee. Slide gate in CMP riser on the waterward slope. 6 foot by 6 foot concrete box on the waterward berm. (ABO No. 9489-1974, Mayfair Farms Inc.) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 198+00). FS Date: 10/18/2012	39.256553 ° -122.010912 °	39.256553 ° -122.010912 °	118
DWR ID: DWR_MA0001_01_f_2013_118										

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

96	3.85	3.85	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8253 EP_NO: 9489 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: with riser & slide gate concrete box WS; 30" pipe on LS; concrete headwall LS; doesn't appear to be original pipe; 36" pipe on WS with 12" extended to river. NEED MORE PHOTOS. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0196 for access box contains backfilled (permanently shut) and outlet located on landside has sediment build up. NEED BETTER PICTURES! TWO CROSSINGS 3.763 and 3.794 and 3.854. FIELD_STRUCT_DESC: 36-inch corrugated metal pipe through the levee. Slide gate in CMP riser on the waterward slope. 6 foot by 6 foot concrete box on the waterward berm. (ABO No. 9489-1974, Mayfair Farms Inc.) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 198+00). FS Date: 10/19/2012	39.256553 ° -122.010912 °	39.256553 ° -122.010912 °	119
DWR ID: DWR_MA0001_01_f_2013_119										

97	3.85	3.85	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7290 EP_NO: 9489 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: with riser & slide gate concrete box WS; 30" pipe on LS; concrete headwall LS; doesn't appear to be original pipe; 36" pipe on WS with 12" extended to river FIELD_STRUCT_DESC: 36-inch corrugated metal pipe through the levee. Slide gate in CMP riser on the waterward slope. 6 foot by 6 foot concrete box on the waterward berm. (ABO No. 9489-1974, Mayfair Farms Inc.) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 198+00). FS Date: 10/19/2012	39.256553 ° -122.010912 °	39.256553 ° -122.010912 °	120
DWR ID: DWR_MA0001_01_f_2013_120										

98	3.85	3.85	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8081 EP_NO: 9489 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: with riser & slide gate concrete box WS; 30" pipe on LS; concrete headwall LS; doesn't appear to be original pipe; 36" pipe on WS with 12" extended to river. NEED MORE PHOTOS. FIELD_STRUCT_DESC: 36-inch corrugated metal pipe through the levee. Slide gate in CMP riser on the waterward slope. 6 foot by 6 foot concrete box on the waterward berm. (ABO No. 9489-1974, Mayfair Farms Inc.) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 198+00). FS Date: 10/19/2012	39.256553 ° -122.010912 °	39.256553 ° -122.010912 °	121
DWR ID: DWR_MA0001_01_f_2013_121										

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

99	3.85	3.85	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8401 EP_NO: 9489 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Slide gate wheel handle missing. Clear debris from CMP riser. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0196 for access box contains backfilled (permanently shut) and outlet located on landside has sediment build up. FIELD_STRUCT_DESC: 36-inch corrugated metal pipe through the levee. Slide gate in CMP riser on the waterward slope. 6 foot by 6 foot concrete box on the waterward berm . Additional 12-inch pipe inside concrete distribution box. (ABO No. 9489-1974, Mayfair Farms Inc.) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 198+00). FS Date: 10/19/2012	39.256553 °	39.256553 °	122
								-122.010912 °	-122.010912 °	

DWR ID: DWR_MA0001_01_f_2013_122

100	3.85	3.85	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:16465 EP_NO: 9489 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Slide gate wheel handle missing. Clear debris from CMP riser. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0196 for access box contains backfilled (permanently shut) and outlet located on landside has sediment build up.7/18/2013 Same as last inspection. FIELD_STRUCT_DESC: 36-inch corrugated metal pipe through the levee. Slide gate in CMP riser on the waterward slope. 6 foot by 6 foot concrete box on the waterward berm . Additional 12-inch pipe inside concrete distribution box. (ABO No. 9489-1974, Mayfair Farms Inc.) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 198+00). FS Date: 7/25/2013 9:54:16 AM	39.256553 °	39.256553 °	123
								-122.010912 °	-122.010912 °	Y

DWR ID: DWR_MA0001_01_f_2013_123

101	3.85	3.85	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7557 EP_NO: 9489 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: with riser & slide gate concrete box WS; 30" pipe on LS; concrete headwall LS; doesn't appear to be original pipe; 36" pipe on WS with 12" extended to river FIELD_STRUCT_DESC: 36-inch corrugated metal pipe through the levee. Slide gate in CMP riser on the waterward slope. 6 foot by 6 foot concrete box on the waterward berm. (ABO No. 9489-1974, Mayfair Farms Inc.) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 198+00). FS Date: 10/19/2012	39.256553 °	39.256553 °	124
								-122.010912 °	-122.010912 °	

DWR ID: DWR_MA0001_01_f_2013_124

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

LMIR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
102	3.87	3.87	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7208 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: USA flag markers show some type of alignment on LS then flagged posts with USA flagging. FIELD_STRUCT_DESC: 18 inch steel pipe through the levee at an unknown depth. Automatic drainage gate on the outlet end of the pipe. This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 150+20). (USACE, 1955) FS Date: 10/18/2012	39.256606 ° -122.011115 °	39.256606 ° -122.011115 °	125
DWR ID: DWR_MA0001_01_f_2013_125										
103	3.87	3.87	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:16466 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: USA flag markers show some type of alignment on LS. Unable to determine if crossing still exists at this location.7/18/2013 Same as last inspection. FIELD_STRUCT_DESC: 18 inch steel pipe through the levee at an unknown depth. Automatic drainage gate on the outlet end of the pipe. This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 150+20). (USACE, 1955) FS Date: 7/25/2013 9:55:18 AM	39.256606 ° -122.011115 °	39.256606 ° -122.011115 °	126
DWR ID: DWR_MA0001_01_f_2013_126										
104	3.87	3.87	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7291 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: USA flag markers show some type of alignment on LS then flagged posts with USA flagging. FIELD_STRUCT_DESC: 18 inch steel pipe through the levee at an unknown depth. Automatic drainage gate on the outlet end of the pipe. This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 150+20). (USACE, 1955) FS Date: 10/19/2012	39.256606 ° -122.011115 °	39.256606 ° -122.011115 °	127
DWR ID: DWR_MA0001_01_f_2013_127										

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

105	3.87	3.87	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8082 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: USA flag markers show some type of alignment on LS then flagged posts with USA flagging. Vegetation on the landward slope. FIELD_STRUCT_DESC: 18 inch steel pipe through the levee at an unknown depth. Automatic drainage gate on the outlet end of the pipe. This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 150+20). (USACE, 1955) FS Date: 10/19/2012	39.256606 °	39.256606 °	128	
								-122.011115 °	-122.011115 °		
								DWR ID: DWR_MA0001_01_f_2013_128			

106	3.87	3.87	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7558 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: USA flag markers show some type of alignment on LS then flagged posts with USA flagging. FIELD_STRUCT_DESC: 18 inch steel pipe through the levee at an unknown depth. Automatic drainage gate on the outlet end of the pipe. This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 150+20). (USACE, 1955) FS Date: 10/19/2012	39.256606 °	39.256606 °	129	
								-122.011115 °	-122.011115 °		
								DWR ID: DWR_MA0001_01_f_2013_129			

107	3.87	3.87	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8404 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: USA flag markers show some type of alignment on LS. Unable to determine if crossing still exists at this location. FIELD_STRUCT_DESC: 18 inch steel pipe through the levee at an unknown depth. Automatic drainage gate on the outlet end of the pipe. This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 150+20). (USACE, 1955) FS Date: 10/19/2012	39.256606 °	39.256606 °	130	
								-122.011115 °	-122.011115 °		
								DWR ID: DWR_MA0001_01_f_2013_130			

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

108	3.87	3.87	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8255 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: USA flag markers show some type of alignment on LS then flagged posts with USA flagging. Vegetation on the landward slope. NEED BETTER PICTURES BY GATE ON LANDWARD SIDE CONCRETE STRUCTURE ON PRIVATE PROPERTY. FIELD_STRUCT_DESC: 18 inch steel pipe through the levee at an unknown depth. Automatic drainage gate on the outlet end of the pipe. This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 150+20). (USACE, 1955) FS Date: 10/19/2012	39.256606 ° -122.011115 °	39.256606 ° -122.011115 °	131 Y
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DWR ID: DWR_MA0001_01_f_2013_131

109	3.96	3.96	Earthen Levee	Vegetation	LS	M Ma	V4 : Elderberries are blocking visibility and flood fight capability.	39.257125 ° -122.012648 °	39.257125 ° -122.012648 °	50 Y
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DWR ID: DWR_MA0001_01_f_2013_50

110	4.04	4.04	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8083 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No more walkway; burrow activity near structure; debris in concrete distribution box WS FIELD_STRUCT_DESC: 24-inch pipe through the levee. Walkway to slide gate on waterward end. Flap gate in concrete distribution box at the landward toe. (ABO - Wilcox) FS Date: 10/19/2012	39.258073 ° -122.013165 °	39.258073 ° -122.013165 °	132
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DWR ID: DWR_MA0001_01_f_2013_132

111	4.04	4.04	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7559 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No more walkway; burrow activity near structure; debris in concrete distribution box WS FIELD_STRUCT_DESC: 24-inch pipe through the levee. Walkway to slide gate on waterward end. Flap gate in concrete distribution box at the landward toe. (ABO - Wilcox) FS Date: 10/19/2012	39.258073 ° -122.013165 °	39.258073 ° -122.013165 °	133
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DWR ID: DWR_MA0001_01_f_2013_133

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

112	4.04	4.04	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8256 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: WS-wheel to operate sluice gate missing, walkway has been removed; burrow activity near structure; debris in concrete distribution box WS blocking gate. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0207 the wheel to operate sluice gate missing. NEED BETTER PICTURES! TWO CROSSINGS 3.763 and 3.794 and 3.854. FIELD_STRUCT_DESC: 24-inch pipe through the levee. Walkway to slide gate on waterward end. Walkway has been removed. Flap gate in concrete distribution box at the landward toe. (ABO - Wilcox) FS Date: 10/19/2012	39.258073 °	39.258073 °	134	
								-122.013165 °	-122.013165 °	Y	
								DWR ID: DWR_MA0001_01_f_2013_134			

113	4.04	4.04	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7292 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No more walkway; burrow activity near structure; debris in concrete distribution box WS FIELD_STRUCT_DESC: 24-inch pipe through the levee. Walkway to slide gate on waterward end. Flap gate in concrete distribution box at the landward toe. (ABO - Wilcox) FS Date: 10/18/2012	39.258073 °	39.258073 °	135	
								-122.013165 °	-122.013165 °		
								DWR ID: DWR_MA0001_01_f_2013_135			

114	4.04	4.04	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:16468 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: WS-wheel to operate slide gate missing, walkway has been removed; burrow activity near structure; debris in concrete distribution box WS blocking gate. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0207 the wheel to operate sluice gate missing.7/18/2013 Wheel to operate slide gate has been replaced but gate is still blocked by debris. FIELD_STRUCT_DESC: 24-inch pipe through the levee. Walkway to slide gate on waterward end. Walkway has been removed. Flap gate in concrete distribution box at the landward toe. (ABO - Wilcox) FS Date: 7/25/2013 9:56:58 AM	39.258073 °	39.258073 °	136	
								-122.013165 °	-122.013165 °		
								DWR ID: DWR_MA0001_01_f_2013_136			

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

115	4.04	4.04	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7209 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No more walkway; burrow activity near structure; debris in concrete distribution box WS FIELD_STRUCT_DESC: 24-inch pipe through the levee. Walkway to slide gate on waterward end. Flap gate in concrete distribution box at the landward toe. (ABO - Wilcox) FS Date: 10/18/2012	39.258073 °	39.258073 °	137	
								-122.013165 °	-122.013165 °		
								DWR ID: DWR_MA0001_01_f_2013_137			

116	4.04	4.04	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7294 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No more walkway; burrow activity near structure; debris in concrete distribution box WS FIELD_STRUCT_DESC: 24-inch pipe through the levee. Walkway to slide gate on waterward end. Flap gate in concrete distribution box at the landward toe. (ABO - Wilcox) FS Date: 10/19/2012	39.258073 °	39.258073 °	138	
								-122.013165 °	-122.013165 °		
								DWR ID: DWR_MA0001_01_f_2013_138			

117	4.04	4.04	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:16467 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: WS-wheel to operate slide gate missing, walkway has been removed; burrow activity near structure; debris in concrete distribution box WS blocking gate. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0207 the wheel to operate sluice gate missing.7/18/2013 Wheel to operate slide gate has been replaced but gate is still blocked by debris. FIELD_STRUCT_DESC: 24-inch pipe through the levee. Walkway to slide gate on waterward end. Walkway has been removed. Flap gate in concrete distribution box at the landward toe. (ABO - Wilcox) FS Date: 7/25/2013 9:55:48 AM	39.258073 °	39.258073 °	139	
								-122.013165 °	-122.013165 °		
								DWR ID: DWR_MA0001_01_f_2013_139			

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

118	4.04	4.04	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:8405 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: WS-wheel to operate slide gate missing, walkway has been removed; burrow activity near structure; debris in concrete distribution box WS blocking gate. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0207 the wheel to operate sluice gate missing. FIELD_STRUCT_DESC: 24-inch pipe through the levee. Walkway to slide gate on waterward end. Walkway has been removed. Flap gate in concrete distribution box at the landward toe. (ABO - Wilcox) FS Date: 10/19/2012	39.258073 ° -122.013165 °	39.258073 ° -122.013165 °	140
DWR ID: DWR_MA0001_01_f_2013_140										

119	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										

120	4.75	4.75	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:7295 EP_NO: 9475 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: burrow activity; limited visibility of this crossing only on WS riser FIELD_STRUCT_DESC: 30-inch corrugated metal pipe through the levee, 16.1 feet below the crown. Slide gate on the waterward end. (ABO No. 9475-1974, Mattie B. Zumwalt Co.) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 247+86). FS Date: 10/19/2012	39.266435 ° -122.010943 °	39.266435 ° -122.010943 °	141
DWR ID: DWR_MA0001_01_f_2013_141										

121	4.75	4.75	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:8406 EP_NO: 9475 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Burrow activity; limited visibility of this crossing only on WS riser. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0207 the wheel to operate sluice gate missing. Issue addressed wheel to slide gate has been installed. FIELD_STRUCT_DESC: 30-inch corrugated metal pipe through the levee, 16.1 feet below the crown. Slide gate on the waterward end. (ABO No. 9475-1974, Mattie B. Zumwalt Co.) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 247+86). FS Date: 10/19/2012	39.266435 ° -122.010943 °	39.266435 ° -122.010943 °	142
DWR ID: DWR_MA0001_01_f_2013_142										

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

122	4.75	4.75	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:16469 EP_NO: 9475 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Burrow activity; limited visibility of this crossing only on WS riser. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0207 the wheel to operate sluice gate missing. Issue addressed wheel to slide gate has been installed.7/18/2013 Same as last inspection. FIELD_STRUCT_DESC: 30-inch corrugated metal pipe through the levee, 16.1 feet below the crown. Slide gate on the waterward end. (ABO No. 9475-1974, Mattie B. Zumwalt Co.) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 247+86). FS Date: 7/25/2013 9:57:58 AM	39.266435 ° -122.010943 °	39.266435 ° -122.010943 °	143 Y
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DWR ID: DWR_MA0001_01_f_2013_143

123	4.75	4.75	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:7210 EP_NO: 9475 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: burrow activity; limited visibility of this crossing only on WS riser FIELD_STRUCT_DESC: 30-inch corrugated metal pipe through the levee, 16.1 feet below the crown. Slide gate on the waterward end. (ABO No. 9475-1974, Mattie B. Zumwalt Co.) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 247+86). FS Date: 10/18/2012	39.266435 ° -122.010943 °	39.266435 ° -122.010943 °	144
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DWR ID: DWR_MA0001_01_f_2013_144

124	4.75	4.75	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:8257 EP_NO: 9475 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: NEED BETTER PICTURES-UNABLE TO TELL IF THERE IS 2 RISERS OR JUST 1. burrow activity; limited visibility of this crossing only on WS riser. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0207 the wheel to operate sluice gate missing. FIELD_STRUCT_DESC: 30-inch corrugated metal pipe through the levee, 16.1 feet below the crown. Slide gate on the waterward end. (ABO No. 9475-1974, Mattie B. Zumwalt Co.) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 247+86). FS Date: 10/19/2012	39.266435 ° -122.010943 °	39.266435 ° -122.010943 °	145
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DWR ID: DWR_MA0001_01_f_2013_145

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
125	4.75	4.75	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:8084 EP_NO: 9475 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: NEED BETTER PICTURES-UNABLE TO TELL IF THERE IS 2 RISERS OR JUST 1. burrow activity; limited visibility of this crossing only on WS riser FIELD_STRUCT_DESC: 30-inch corrugated metal pipe through the levee, 16.1 feet below the crown. Slide gate on the waterward end. (ABO No. 9475-1974, Mattie B. Zumwalt Co.) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 247+86). FS Date: 10/19/2012	39.266435 ° -122.010943 °	39.266435 ° -122.010943 °	146
DWR ID: DWR_MA0001_01_f_2013_146										
126	4.75	4.75	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:7293 EP_NO: 9475 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: burrow activity; limited visibility of this crossing only on WS riser FIELD_STRUCT_DESC: 30-inch corrugated metal pipe through the levee, 16.1 feet below the crown. Slide gate on the waterward end. (ABO No. 9475-1974, Mattie B. Zumwalt Co.) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 247+86). FS Date: 10/18/2012	39.266435 ° -122.010943 °	39.266435 ° -122.010943 °	147
DWR ID: DWR_MA0001_01_f_2013_147										
127	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:										
128	5.08	5.08	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:16470 EP_NO: 4903 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Unable to locate siphon breaker, pump on LS; unable to tell if pump system is part of appurtenances. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0233 for utility pole and 8 inch steel riser located on landward toe.7/18/2013 Same as last inspection. FIELD_STRUCT_DESC: 12-inch irrigation pipe through the levee. Siphon breaker in 24-inch CMP riser on the landward shoulder. 3-inch electrical conduit through the levee. (Permit No. 4903,A-1966, Zumwalt) FS Date: 7/25/2013 9:58:25 AM	39.264924 ° -122.015887 °	39.264924 ° -122.015887 °	148 Y
DWR ID: DWR_MA0001_01_f_2013_148										

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

129	5.08	5.08	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:8407 EP_NO: 4903 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Unable to locate siphon breaker, pump on LS; unable to tell if pump system is part of appurtances. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0233 for utility pole and 8 inch steel riser located on landward toe. FIELD_STRUCT_DESC: 12-inch irrigation pipe through the levee. Siphon breaker in 24-inch CMP riser on the landward shoulder. 3-inch electrical conduit through the levee. (Permit No. 4903,A-1966, Zumwalt) FS Date: 10/19/2012	39.264924 °	39.264924 °	149	
								-122.015887 °	-122.015887 °		
								DWR ID: DWR_MA0001_01_f_2013_149			

130	5.08	5.08	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:8259 EP_NO: 4903 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: NEED COORDINATES. no siphon breaker, pump on LS; unable to tell if it's part of appurtances. No Coordinates? This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0233 for utility pole and 8 inch steel riser located on landward toe. FIELD_STRUCT_DESC: 12-inch irrigation pipe through the levee. Siphon breaker in 24-inch CMP riser on the landward shoulder. 3-inch electrical conduit through the levee. (Permit No. 4903,A-1966, Zumwalt) FS Date: 10/19/2012	39.264914 °	39.264914 °	150	
								-122.015981 °	-122.015981 °		
								DWR ID: DWR_MA0001_01_f_2013_150			

131	5.08	5.08	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:8085 EP_NO: 4903 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: NEED COORDINATES. no siphon breaker, pump on LS; unable to tell if it's part of appurtances. No Coordinates? FIELD_STRUCT_DESC: 12-inch irrigation pipe through the levee. Siphon breaker in 24-inch CMP riser on the landward shoulder. 3-inch electrical conduit through the levee. (Permit No. 4903,A-1966, Zumwalt) FS Date: 10/19/2012	39.264914 °	39.264914 °	151	
								-122.015981 °	-122.015981 °		
								DWR ID: DWR_MA0001_01_f_2013_151			

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
132	5.08	5.08	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:7211 EP_NO: 4903 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: no siphon breaker, pump on LS; unable to tell if it's part of appurtances. No Coordinates? FIELD_STRUCT_DESC: 12-inch irrigation pipe through the levee. Siphon breaker in 24-inch CMP riser on the landward shoulder. 3-inch electrical conduit through the levee. (Permit No. 4903,A-1966, Zumwalt) FS Date: 10/18/2012	39.264914 ° -122.015981 °	39.264914 ° -122.015981 °	152
DWR ID: DWR_MA0001_01_f_2013_152										
133	5.08	5.08	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:7296 EP_NO: 4903 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: no siphon breaker, pump on LS; unable to tell if it's part of appurtances. No Coordinates? FIELD_STRUCT_DESC: 12-inch irrigation pipe through the levee. Siphon breaker in 24-inch CMP riser on the landward shoulder. 3-inch electrical conduit through the levee. (Permit No. 4903,A-1966, Zumwalt) FS Date: 10/19/2012	39.264914 ° -122.015981 °	39.264914 ° -122.015981 °	153
DWR ID: DWR_MA0001_01_f_2013_153										
134	5.84	5.84	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:8260 EP_NO: 9476 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: blocked, no entry on WS. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0247 for u/s and d/s wing wall shows some cracking and tilting. FIELD_STRUCT_DESC: 2 of 2: 36-inch corrugated metal pipe (15 feet long) and concrete box culvert through the levee. (ABO No. 9476-1974, Howard C. & Nadine M. Ohliger) FS Date: 10/19/2012	39.272069 ° -122.023240 °	39.272069 ° -122.023240 °	154
DWR ID: DWR_MA0001_01_f_2013_154										
135	5.84	5.84	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:8086 EP_NO: 9476 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: blocked, no entry on WS FIELD_STRUCT_DESC: 2 of 2: 36-inch corrugated metal pipe (15 feet long) and concrete box culvert through the levee. (ABO No. 9476-1974, Howard C. & Nadine M. Ohliger) FS Date: 10/19/2012	39.272069 ° -122.023240 °	39.272069 ° -122.023240 °	155
DWR ID: DWR_MA0001_01_f_2013_155										

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

136	5.84	5.84	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:8409 EP_NO: 9476 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: blocked, no entry on WS. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0247 for u/s and d/s wing wall shows some cracking and tilting. FIELD_STRUCT_DESC: 1 of 2: 36-inch corrugated metal pipe (15 feet long) and concrete box culvert through the levee. (ABO No. 9476-1974, Howard C. & Nadine M. Ohliger) FS Date: 10/19/2012	39.272069 ° -122.023240 °	39.272069 ° -122.023240 °	156 Y
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DWR ID: DWR_MA0001_01_f_2013_156

137	5.84	5.84	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:7213 EP_NO: 9476 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: blocked, no entry on WS FIELD_STRUCT_DESC: 2 of 2: 36-inch corrugated metal pipe (15 feet long) and concrete box culvert through the levee. (ABO No. 9476-1974, Howard C. & Nadine M. Ohliger) FS Date: 10/19/2012	39.272069 ° -122.023240 °	39.272069 ° -122.023240 °	157
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DWR ID: DWR_MA0001_01_f_2013_157

138	5.84	5.84	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:16471 EP_NO: 9476 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: blocked, no entry on WS. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0247 for u/s and d/s wing wall shows some cracking and tilting.7/18/2013 Same as last inspection. FIELD_STRUCT_DESC: 1 of 2: 36-inch corrugated metal pipe (15 feet long) and concrete box culvert through the levee. (ABO No. 9476-1974, Howard C. & Nadine M. Ohliger) FS Date: 7/25/2013 10:00:42 AM	39.272069 ° -122.023240 °	39.272069 ° -122.023240 °	158
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DWR ID: DWR_MA0001_01_f_2013_158

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

139	5.84	5.84	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:8262 EP_NO: 9476 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: blocked, no entry on WS. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0247 for u/s and d/s wing wall shows some cracking and tilting. BETTER DESCRIPTION OF CROSSING. FIELD_STRUCT_DESC: 1 of 2: 36-inch corrugated metal pipe (15 feet long) and concrete box culvert through the levee. (ABO No. 9476-1974, Howard C. & Nadine M. Ohliger) FS Date: 10/19/2012	39.272069 °	39.272069 °	159
								-122.023240 °	-122.023240 °	
								DWR ID: DWR_MA0001_01_f_2013_159		

140	5.84	5.84	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:16472 EP_NO: 9476 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: blocked, no entry on WS. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0247 for u/s and d/s wing wall shows some cracking and tilting.7/18/2013 Same as last inspection. FIELD_STRUCT_DESC: 2 of 2: 36-inch corrugated metal pipe (15 feet long) and concrete box culvert through the levee. Slide gate located on waterward. (ABO No. 9476-1974, Howard C. & Nadine M. Ohliger) FS Date: 7/25/2013 10:02:10 AM	39.272069 °	39.272069 °	160
								-122.023240 °	-122.023240 °	
								DWR ID: DWR_MA0001_01_f_2013_160		

141	5.84	5.84	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:8410 EP_NO: 9476 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: blocked, no entry on WS. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0247 for u/s and d/s wing wall shows some cracking and tilting. FIELD_STRUCT_DESC: 2 of 2: 36-inch corrugated metal pipe (15 feet long) and concrete box culvert through the levee. (ABO No. 9476-1974, Howard C. & Nadine M. Ohliger) FS Date: 10/19/2012	39.272069 °	39.272069 °	161
								-122.023240 °	-122.023240 °	
								DWR ID: DWR_MA0001_01_f_2013_161		

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
142	5.84	5.84	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:8087 EP_NO: 9476 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 1 of 2: 36-inch corrugated metal pipe (15 feet long) and concrete box culvert through the levee. (ABO No. 9476-1974, Howard C. & Nadine M. Ohliger) FS Date: 10/19/2012	39.272069 ° -122.023240 °	39.272069 ° -122.023240 °	162
DWR ID: DWR_MA0001_01_f_2013_162										
143	5.84	5.84	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:8261 EP_NO: 9476 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: blocked, no entry on WS. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0247 for u/s and d/s wing wall shows some cracking and tilting. BETTER DESCRIPTION OF CROSSING. FIELD_STRUCT_DESC: 1 of 2: 36-inch corrugated metal pipe (15 feet long) and concrete box culvert through the levee. (ABO No. 9476-1974, Howard C. & Nadine M. Ohliger) FS Date: 10/19/2012	39.272069 ° -122.023240 °	39.272069 ° -122.023240 °	163
DWR ID: DWR_MA0001_01_f_2013_163										
144	5.84	5.84	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:8503 EP_NO: 9476 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: blocked, no entry on WS. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0247 for u/s and d/s wing wall shows some cracking and tilting. FIELD_STRUCT_DESC: 2 of 2: 36-inch corrugated metal pipe (15 feet long) and concrete box culvert through the levee. Slide gate located on waterward. (ABO No. 9476-1974, Howard C. & Nadine M. Ohliger) FS Date: 10/19/2012	39.272069 ° -122.023240 °	39.272069 ° -122.023240 °	164
DWR ID: DWR_MA0001_01_f_2013_164										

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
145	5.84	5.84	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8502 EP_NO: 9476 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: blocked, no entry on WS. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0247 for u/s and d/s wing wall shows some cracking and tilting. FIELD_STRUCT_DESC: 2 of 2: 36-inch corrugated metal pipe (15 feet long) and concrete box culvert through the levee. Slide gate located on waterward(ABO No. 9476-1974, Howard C. & Nadine M. Ohliger) FS Date: 10/19/2012	39.272069 ° -122.023240 °	39.272069 ° -122.023240 °	165
DWR ID: DWR_MA0001_01_f_2013_165										
146	5.84	5.84	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7212 EP_NO: 9476 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 1 of 2: 36-inch corrugated metal pipe (15 feet long) and concrete box culvert through the levee. (ABO No. 9476-1974, Howard C. & Nadine M. Ohliger) FS Date: 10/19/2012	39.272069 ° -122.023240 °	39.272069 ° -122.023240 °	166
DWR ID: DWR_MA0001_01_f_2013_166										
147	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
DWR ID: DWR_MA0001_01_s_2012_35										
148	5.90	5.90	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8088 EP_NO: 6263 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 18-inch steel irrigation pipe through the levee 2 feet below the top of levee. Siphon breaker on landward shoulder. Pump and gate valve on the bank. 2-inch electric conduit buried in the same trench as discharge pipe. (Permit No. 6263-1968, C. Tuttle) FS Date: 10/19/2012	39.272829 ° -122.023282 °	39.272829 ° -122.023282 °	167
DWR ID: DWR_MA0001_01_f_2013_167										

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

149	5.90	5.90	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8263 EP_NO: 6263 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0249 however, unable to determine why crossing was marked "U". NEED TO MEASURE CROSSING. FIELD_STRUCT_DESC: 18-inch steel irrigation pipe through the levee 2 feet below the top of levee. Siphon breaker on landward shoulder. Pump and gate valve on the bank. 2-inch electric conduit buried in the same trench as discharge pipe. (Permit No. 6263-1968, C. Tuttle) FS Date: 10/19/2012	39.272829 °	39.272829 °	168
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DWR ID: DWR_MA0001_01_f_2013_168

150	5.90	5.90	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8504 EP_NO: 6263 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Remove debris from landward side see photo 2. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0249 however, unable to determine why crossing was marked "U". FIELD_STRUCT_DESC: 18-inch steel irrigation pipe through the levee 2 feet below the top of levee. Siphon breaker on landward shoulder. Dual slant pumps and gate valves on the bank approximately 215 feet from waterward toe. Pumps feed into single 18-inch steel pipe. 2-inch electric conduit buried in the same trench as discharge pipe. (Permit No. 6263-1968, C. Tuttle) FS Date: 10/19/2012	39.272829 °	39.272829 °	169
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DWR ID: DWR_MA0001_01_f_2013_169

151	5.90	5.90	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8264 EP_NO: 6263 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: DRAW SKETCH This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0249 however, unable to determine why crossing was marked "U". FIELD_STRUCT_DESC: 18-inch steel irrigation pipe through the levee 2 feet below the top of levee. Siphon breaker on landward shoulder. Dual slant pumps and gate valves on the bank approximately 215 feet from waterward toe. Pumps feed into single 18-inch steel pipe. 2-inch electric conduit buried in the same trench as discharge pipe. (Permit No. 6263-1968, C. Tuttle) FS Date: 10/19/2012	39.272829 °	39.272829 °	170
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DWR ID: DWR_MA0001_01_f_2013_170

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

152	5.90	5.90	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7214 EP_NO: 6263 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 18-inch steel irrigation pipe through the levee 2 feet below the top of levee. Siphon breaker on landward shoulder. Pump and gate valve on the bank. 2-inch electric conduit buried in the same trench as discharge pipe. (Permit No. 6263-1968, C. Tuttle) FS Date: 10/19/2012	39.272829 ° -122.023282 °	39.272829 ° -122.023282 °	171 Y
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DWR ID: DWR_MA0001_01_f_2013_171

153	5.90	5.90	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:16474 EP_NO: 6263 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Remove debris from landward side see photo 2. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0249 however, unable to determine why crossing was marked "U". 7/18/2013 Debris cleared from in front of LS standpipe. FIELD_STRUCT_DESC: 18-inch steel irrigation pipe through the levee 2 feet below the top of levee. Siphon breaker on landward shoulder. Dual slant pumps and gate valves on the bank approximately 215 feet from waterward toe. Pumps feed into single 18-inch steel pipe. 2-inch electric conduit buried in the same trench as discharge pipe. (Permit No. 6263-1968, C. Tuttle) FS Date: 7/25/2013 10:04:01 AM	39.272829 ° -122.023282 °	39.272829 ° -122.023282 °	172
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DWR ID: DWR_MA0001_01_f_2013_172

154	6.37	6.37	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:8584 EP_NO: 4203 Repair Type: Urgent Crossing Status: Found UCIP Comments: Unauthorized 5 inch PVC pipe running through 36 inch crossing. 5 inch PVC crossing prevents slide gate from closing during high water. Debris and sediment inside riser. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0258 for 5 inch PVC pipe running through culvert. FIELD_STRUCT_DESC: 36-inch pipe through the levee. Slide gate in CMP riser on the waterward slope. This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 331+31). FS Date: 10/19/2012	39.279462 ° -122.022461 °	39.279462 ° -122.022461 °	173
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DWR ID: DWR_MA0001_01_f_2013_173

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

155	6.37	6.37	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:8265 EP_NO: 4203 Repair Type: Urgent Crossing Status: Found UCIP Comments: Unauthorized 6 inch PVC pipe running through 36 inch crossing. 6 inch PVC crossing prevents slide gate from closing during high water. Debris and sediment inside riser. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0258 for 5 inch PVC pipe running through culvert. FIELD_STRUCT_DESC: 36-inch pipe through the levee. Slide gate in CMP riser on the waterward slope. This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 331+31). FS Date: 10/19/2012	39.279462 °	39.279462 °	174	
								-122.022461 °	-122.022461 °		
								DWR ID: DWR_MA0001_01_f_2013_174			

156	6.37	6.37	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:7215 EP_NO: 4203 Repair Type: Urgent Crossing Status: Found UCIP Comments: 6" PVC pipe runs through 36" FIELD_STRUCT_DESC: 36-inch pipe through the levee. Slide gate in CMP riser on the waterward slope. This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 331+31). FS Date: 10/19/2012	39.279462 °	39.279462 °	175	
								-122.022461 °	-122.022461 °		
								DWR ID: DWR_MA0001_01_f_2013_175			

157	6.37	6.37	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:8100 EP_NO: 4203 Repair Type: Urgent Crossing Status: Found UCIP Comments: 6" PVC pipe runs through 36"-slide gate cannot be closed due to 6-inch pipe through crossing. FIELD_STRUCT_DESC: 36-inch pipe through the levee. Slide gate in CMP riser on the waterward slope. This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 331+31). FS Date: 10/19/2012	39.279462 °	39.279462 °	176	
								-122.022461 °	-122.022461 °	Y	
								DWR ID: DWR_MA0001_01_f_2013_176			

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
158	6.37	6.37	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:16476 EP_NO: 4203 Repair Type: Urgent Crossing Status: Found UCIP Comments: Unauthorized 5 inch PVC pipe running through 36 inch crossing. 5 inch PVC crossing prevents slide gate from closing during high water. Debris and sediment inside riser. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0258 for 5 inch PVC pipe running through culvert.7/18/2013 Same as last inspection. FIELD_STRUCT_DESC: 36-inch pipe through the levee. Slide gate in CMP riser on the waterward slope. This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 331+31). FS Date: 7/25/2013 10:05:39 AM	39.279462 ° -122.022461 °	39.279462 ° -122.022461 °	177
DWR ID: DWR_MA0001_01_f_2013_177										
159	6.51	6.51	Earthen Levee	Encroachments	LS	M En	PR : Prunings	39.281343 ° -122.022029 °	39.281343 ° -122.022029 °	3 Y
DWR ID: DWR_MA0001_01_s_2012_3										
160	6.54	6.54	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8266 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to be properly abandoned concrete structure; plate covers concrete box; unble to verify crossing is correct; This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0262 for damage to concrete structure (vertical 2 inch wide cracks and spalling visible). NEED TO MEASURE CROSSING--HOW TO ACCESS CONCRETE BOX AND OPEN PLATE? FIELD_STRUCT_DESC: Abandoned 72-inch corrugated metal drain pipe through the levee, blocked on waterward end with 3-foot concrete plug installed in 1980. Slide gate in concrete well on the landward shoulder. Concrete headwall at both toes. This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 339+74) FS Date: 10/19/2012	39.281721 ° -122.021894 °	39.281721 ° -122.021894 °	178
DWR ID: DWR_MA0001_01_f_2013_178										

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

161	6.54	6.54	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8408 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to be properly abandoned concrete structure; plate covers concrete box; This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0262 for damage to concrete structure (vertical 2 inch wide cracks and spalling visible). FIELD_STRUCT_DESC: Abandoned 72-inch corrugated metal drain (precast concrete) pipe through the levee, blocked on waterward end with 3-foot concrete plug installed in 1980. Slide gate in concrete well on the landward shoulder. Concrete headwall at both toes. This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 339+74) FS Date: 10/19/2012	39.281721 °	39.281721 °	179
								-122.021894 °	-122.021894 °	

DWR ID: DWR_MA0001_01_f_2013_179

162	6.54	6.54	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:16477 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to be properly abandoned concrete structure; plate covers concrete box; Concrete headwall damaged. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0262 for damage to concrete structure (vertical 2 inch wide cracks and spalling visible).7/18/2013 Same as last inspection. FIELD_STRUCT_DESC: Abandoned 72-inch corrugated metal drain (precast concrete) pipe through the levee, blocked on waterward end with 3-foot concrete plug installed in 1980. Slide gate in concrete well on the landward shoulder. Concrete headwall at both toes. This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 339+74) FS Date: 7/25/2013 10:06:31 AM	39.281721 °	39.281721 °	180
								-122.021894 °	-122.021894 °	

DWR ID: DWR_MA0001_01_f_2013_180

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
163	6.54	6.54	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7216 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to be properly abandoned concrete; plate covers concrete box; unbale to verify crossing is correct; need to measure opening. FIELD_STRUCT_DESC: Abandoned 72-inch corrugated metal drain pipe through the levee, blocked on waterward end with 3-foot concrete plug installed in 1980. Slide gate in concrete well on the landward shoulder. Concrete headwall at both toes. This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 339+74) FS Date: 10/19/2012	39.281721 ° -122.021894 °	39.281721 ° -122.021894 °	181 Y

DWR ID: DWR_MA0001_01_f_2013_181

164	6.54	6.54	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8267 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to be properly abandoned concrete structure; plate covers concrete box; unbale to verify crossing is correct; This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0262 for damage to concrete structure (vertical 2 inch wide cracks and spalling visible). NEED TO MEASURE CROSSING--HOW TO ACCESS CONCRETE BOX AND OPEN PLATE? FIELD_STRUCT_DESC: Abandoned 72-inch corrugated metal drain (precast concrete) pipe through the levee, blocked on waterward end with 3-foot concrete plug installed in 1980. Slide gate in concrete well on the landward shoulder. Concrete headwall at both toes. This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 339+74) FS Date: 10/19/2012	39.281721 ° -122.021894 °	39.281721 ° -122.021894 °	182
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DWR ID: DWR_MA0001_01_f_2013_182

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

165	6.54	6.54	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8585 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to be properly abandoned concrete structure; plate covers concrete box; Concrete headwall damaged. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0262 for damage to concrete structure (vertical 2 inch wide cracks and spalling visible). FIELD_STRUCT_DESC: Abandoned 72-inch corrugated metal drain (precast concrete) pipe through the levee, blocked on waterward end with 3-foot concrete plug installed in 1980. Slide gate in concrete well on the landward shoulder. Concrete headwall at both toes. This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 339+74) FS Date: 10/19/2012	39.281721 ° -122.021894 °	39.281721 ° -122.021894 °	183
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DWR ID: DWR_MA0001_01_f_2013_183

166	6.54	6.54	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8101 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to be properly abandoned concrete; plate covers concrete box; unbale to verify crossing is correct; NEED TO MEASURE CROSSING. FIELD_STRUCT_DESC: Abandoned 72-inch corrugated metal drain pipe through the levee, blocked on waterward end with 3-foot concrete plug installed in 1980. Slide gate in concrete well on the landward shoulder. Concrete headwall at both toes. This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 339+74) FS Date: 10/19/2012	39.281721 ° -122.021894 °	39.281721 ° -122.021894 °	184
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DWR ID: DWR_MA0001_01_f_2013_184

167	6.85	6.85	Earthen Levee	Animal Control	LS	A 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
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DWR ID: DWR_MA0001_01_s_2012_470

168	7.14	7.14	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8412 EP_NO: 9492 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Structure is buried and non-operational. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0288 for sluice gate closed and backfilled on WS and full of sediment with wingwall cracked on LS. FIELD_STRUCT_DESC: 1 of 2: 36-inch concrete pipes through the levee. Wooden slide gates on waterward end. (ABO No. 9482-1974, Elizabeth M. Farnsworth) FS Date: 10/19/2012	39.290147 ° -122.021505 °	39.290147 ° -122.021505 °	185
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DWR ID: DWR_MA0001_01_f_2013_185

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
169	7.14	7.14	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8102 EP_NO: 9492 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: structure buried-non operational FIELD_STRUCT_DESC: 1 of 2: 36-inch concrete pipes through the levee. Wooden slide gates on waterward end. (ABO No. 9482-1974, Elizabeth M. Farnsworth) FS Date: 10/19/2012	39.290147 ° -122.021505 °	39.290147 ° -122.021505 °	186
DWR ID: DWR_MA0001_01_f_2013_186										
170	7.14	7.14	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7218 EP_NO: 9492 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: stockpile on WS FIELD_STRUCT_DESC: 2 of 2: 36-inch concrete pipes through the levee. Wooden slide gates on waterward end. (ABO No. 9482-1974, Elizabeth M. Farnsworth) FS Date: 10/19/2012	39.290170 ° -122.021506 °	39.290170 ° -122.021506 °	187
DWR ID: DWR_MA0001_01_f_2013_187										
171	7.14	7.14	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8413 EP_NO: 9492 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Structure is buried and non-operational. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0288 for sluice gate closed and backfilled on WS and full of sediment with wingwall cracked on LS. FIELD_STRUCT_DESC: 2 of 2: 36-inch concrete pipes through the levee. Wooden slide gates on waterward end. (ABO No. 9482-1974, Elizabeth M. Farnsworth) FS Date: 10/19/2012	39.290170 ° -122.021506 °	39.290170 ° -122.021506 °	188
DWR ID: DWR_MA0001_01_f_2013_188										
172	7.14	7.14	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7217 EP_NO: 9492 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: buried-non operational FIELD_STRUCT_DESC: 1 of 2: 36-inch concrete pipes through the levee. Wooden slide gates on waterward end. (ABO No. 9482-1974, Elizabeth M. Farnsworth) FS Date: 10/19/2012	39.290147 ° -122.021505 °	39.290147 ° -122.021505 °	189
DWR ID: DWR_MA0001_01_f_2013_189										

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

173	7.14	7.14	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8103 EP_NO: 9492 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: structure buried-non operational. NEED TO MEASURE LANDWARD STRUCTURE. FIELD_STRUCT_DESC: 1 of 2: 36-inch concrete pipes through the levee. Wooden slide gates on waterward end. (ABO No. 9482-1974, Elizabeth M. Farnsworth) FS Date: 10/19/2012	39.290147 °	39.290147 °	190
								-122.021505 °	-122.021505 °	
								DWR ID: DWR_MA0001_01_f_2013_190		

174	7.14	7.14	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8268 EP_NO: 9492 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Structure is buried and non-operational. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0288 for sluice gate closed and backfilled on WS and full of sediment with wingwall cracked on LS. NEED TO MEASURE LANDWARD STRUCTURE. FIELD_STRUCT_DESC: 1 of 2: 36-inch concrete pipes through the levee. Wooden slide gates on waterward end. (ABO No. 9482-1974, Elizabeth M. Farnsworth) FS Date: 10/19/2012	39.290147 °	39.290147 °	191
								-122.021505 °	-122.021505 °	
								DWR ID: DWR_MA0001_01_f_2013_191		

175	7.14	7.14	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8269 EP_NO: 9492 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Structure is buried and non-operational. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0288 for sluice gate closed and backfilled on WS and full of sediment with wingwall cracked on LS. NEED TO MEASURE LANDWARD STRUCTURE. FIELD_STRUCT_DESC: 2 of 2: 36-inch concrete pipes through the levee. Wooden slide gates on waterward end. (ABO No. 9482-1974, Elizabeth M. Farnsworth) FS Date: 10/19/2012	39.290170 °	39.290170 °	192
								-122.021506 °	-122.021506 °	
								DWR ID: DWR_MA0001_01_f_2013_192		

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

176	7.14	7.14	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8411 EP_NO: 9492 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Structure is buried and non-operational. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0288 for sluice gate closed and backfilled on WS and full of sediment with wingwall cracked on LS. NEED TO MEASURE LANDWARD STRUCTURE. FIELD_STRUCT_DESC: 2 of 2: 36-inch concrete pipes through the levee. Wooden slide gates on waterward end. (ABO No. 9482-1974, Elizabeth M. Farnsworth) FS Date: 10/19/2012	39.290170 °	39.290170 °	193 Y
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DWR ID: DWR_MA0001_01_f_2013_193

177	7.14	7.14	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:16478 EP_NO: 9482 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Structure is buried and non-operational. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0288 for sluice gate closed and backfilled on WS and full of sediment with wingwall cracked on LS.7/18/2013 Same as last inspection. FIELD_STRUCT_DESC: 1 of 2: 36-inch concrete pipes through the levee. Wooden slide gates on waterward end. Concrete culvert through levee. Sliding metal gate noted in O&M manual. This entry could match the Drainage or Irrigation Structure referenced in the O&M manual (Station 370+90) (USACE-1955)(ABO No. 9482-1974, Elizabeth M. Farnsworth). FS Date: 7/25/2013 10:07:18 AM	39.290147 °	39.290147 °	194
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DWR ID: DWR_MA0001_01_f_2013_194

178	7.14	7.14	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:9143 EP_NO: 9492 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Structure is buried and non-operational. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0288 for sluice gate closed and backfilled on WS and full of sediment with wingwall cracked on LS. FIELD_STRUCT_DESC: 1 of 2: 36-inch concrete pipes through the levee. Wooden slide gates on waterward end. Concrete culvert through levee. Sliding metal gate noted in O&M manual. This entry could match the Drainage or Irrigation Structure referenced in the O&M manual (Station 370+90) (USACE-1955)(ABO No. 9482-1974, Elizabeth M. Farnsworth). FS Date: 10/19/2012	39.290147 °	39.290147 °	195
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DWR ID: DWR_MA0001_01_f_2013_195

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

179	7.14	7.14	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8420 EP_NO: 9492 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Structure is buried and non-operational. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0288 for sluice gate closed and backfilled on WS and full of sediment with wingwall cracked on LS. FIELD_STRUCT_DESC: 1 of 2: 36-inch concrete pipes through the levee. Wooden slide gates on waterward end. (ABO No. 9482-1974, Elizabeth M. Farnsworth) FS Date: 10/19/2012	39.290147 °	39.290147 °	196	
								-122.021525 °	-122.021525 °		
								DWR ID: DWR_MA0001_01_f_2013_196			

180	7.14	7.14	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:16479 EP_NO: 9482 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Structure is buried and non-operational. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0288 for sluice gate closed and backfilled on WS and full of sediment with wingwall cracked on LS. 7/18/2013 WS screw gate has been cleared of dirt and is open to irrigate LS fields. LS outlet is still mostly blocked by sediment. FIELD_STRUCT_DESC: 2 of 2: 36-inch concrete pipes through the levee. Wooden slide gates on waterward end. Concrete culvert through levee. Sliding metal gate noted in O&M manual. This entry could match the Drainage or Irrigation Structure referenced in the O&M manual (Station 370+90) (USACE-1955). (ABO No. 9482-1974, Elizabeth M. Farnsworth) FS Date: 7/25/2013 10:07:55 AM	39.290169 °	39.290169 °	197	
								-122.021532 °	-122.021532 °		
								DWR ID: DWR_MA0001_01_f_2013_197			

181	7.14	7.14	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8421 EP_NO: 9492 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Structure is buried and non-operational. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0288 for sluice gate closed and backfilled on WS and full of sediment with wingwall cracked on LS. FIELD_STRUCT_DESC: 2 of 2: 36-inch concrete pipes through the levee. Wooden slide gates on waterward end. (ABO No. 9482-1974, Elizabeth M. Farnsworth) FS Date: 10/19/2012	39.290169 °	39.290169 °	198	
								-122.021532 °	-122.021532 °		
								DWR ID: DWR_MA0001_01_f_2013_198			

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

182	7.14	7.14	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:9144 EP_NO: 9492 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Structure is buried and non-operational. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0288 for sluice gate closed and backfilled on WS and full of sediment with wingwall cracked on LS. FIELD_STRUCT_DESC: 2 of 2: 36-inch concrete pipes through the levee. Wooden slide gates on waterward end. Concrete culvert through levee. Sliding metal gate noted in O&M manual. This entry could match the Drainage or Irrigation Structure referenced in the O&M manual (Station 370+90) (USACE-1955). (ABO No. 9482-1974, Elizabeth M. Farnsworth) FS Date: 10/19/2012	39.290169 °	39.290169 °	199
								-122.021532 °	-122.021532 °	

DWR ID: DWR_MA0001_01_f_2013_199

183	7.14	7.14	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:16480 EP_NO: 9482 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Structure is buried and non-operational. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0288 for sluice gate closed and backfilled on WS and full of sediment with wingwall cracked on LS. 7/18/2013 WS screw gate has been cleared of dirt and is open to irrigate LS fields. LS outlet is still mostly blocked by sediment. FIELD_STRUCT_DESC: 2 of 2: 36-inch concrete pipes through the levee. Wooden slide gates on waterward end. Concrete culvert through levee. Sliding metal gate noted in O&M manual. This entry could match the Drainage or Irrigation Structure referenced in the O&M manual (Station 370+90) (USACE-1955). (ABO No. 9482-1974, Elizabeth M. Farnsworth) FS Date: 7/25/2013 10:09:55 AM	39.290169 °	39.290169 °	200
								-122.021532 °	-122.021532 °	

DWR ID: DWR_MA0001_01_f_2013_200

184	7.42	7.43	Supplemental	USACE Erosion Survey	WS	C Ma	Inspector Comments: 2010 - Downstream end of repair site at 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. 2012: Local Maintaining Agency has placed cobble in transition area, site is considered repaired. [2012 Site ID: SAC_154-0_R]	39.297714 °	39.297811 °	10
								-122.023728 °	-122.023354 °	

DWR ID:

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

185	7.42	7.42	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:8282 EP_NO: 9488 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Sediment and debris on waterward and landward side. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0293 for wooden sluice gate is held open by a piece of rebar acting as a pin. FIELD_STRUCT_DESC: 5 foot by 6 foot concrete box culvert through the levee and access ramp. Two wooden slide gates on waterward end. Concrete v-ditch along landward toe. This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 385+33.5). FS Date: 10/30/2012	39.294074 ° -122.021435 °	39.294074 ° -122.021435 °	201 Y
DWR ID: DWR_MA0001_01_f_2013_201										

186	7.42	7.42	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:8281 EP_NO: 9488 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: sediment filled on LS. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0293 for wooden sluice gate is held open by a piece of rebar acting as a pin. NEED TO MEASURE LANDWARD STRUCTURE. FIELD_STRUCT_DESC: 5 foot by 6 foot concrete box culvert through the levee. Two wooden slide gates on waterward end. This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 385+33.5). FS Date: 10/30/2012	39.294074 ° -122.021435 °	39.294074 ° -122.021435 °	202
DWR ID: DWR_MA0001_01_f_2013_202										

187	7.42	7.42	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:16481 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Sediment and debris on waterward and landward side. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0293 for wooden slide gate held open by a piece of rebar acting as a pin.7/18/2013 Same as last inspection. FIELD_STRUCT_DESC: 5 foot by 6 foot concrete box culvert through the levee and access ramp. Two wooden slide gates on waterward end. Concrete v-ditch along landward toe. This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 385+33.5). FS Date: 7/25/2013 10:12:12 AM	39.294074 ° -122.021435 °	39.294074 ° -122.021435 °	203
DWR ID: DWR_MA0001_01_f_2013_203										

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

191	7.42	7.42	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:8283 EP_NO: 9488 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Sediment and debris on waterward and landward side. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0293 for wooden sluice gate held open by a piece of rebar acting as a pin. FIELD_STRUCT_DESC: 5 foot by 6 foot concrete box culvert through the levee and access ramp. Two wooden slide gates on waterward end. Concrete v-ditch along landward toe. This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 385+33.5). FS Date: 10/30/2012	39.294074 ° -122.021435 °	39.294074 ° -122.021435 °	207
DWR ID: DWR_MA0001_01_f_2013_207										

192	7.74	7.74	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:8285 EP_NO: 12334 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Siphon breaker housing unit is bent and has debris inside. LS outlet not found. FIELD_STRUCT_DESC: 10-inch steel pipe through levee, 3 feet below the crown. Centrifugal pump on the bank. Siphon breaker on landward shoulder of the levee. (Permit No. 12334-1978, James Jean) FS Date: 10/30/2012	39.297384 ° -122.022989 °	39.297384 ° -122.022989 °	208
DWR ID: DWR_MA0001_01_f_2013_208										

193	7.74	7.74	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:8104 EP_NO: 12334 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: LS not found FIELD_STRUCT_DESC: 10-inch pipe through levee, 3 feet below the crown. Centrifugal pump on the bank. Siphon breaker on landward shoulder of the levee. (Permit No. 12334-1978, James Jean) FS Date: 10/30/2012	39.297384 ° -122.022989 °	39.297384 ° -122.022989 °	209
DWR ID: DWR_MA0001_01_f_2013_209										

194	7.74	7.74	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:16482 EP_NO: 12334 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Siphon breaker housing unit is bent and has debris inside. LS outlet not found.7/18/2013 Same as last inspection. FIELD_STRUCT_DESC: 10-inch steel pipe through levee, 3 feet below the crown. Centrifugal pump on the bank. Siphon breaker on landward shoulder of the levee. (Permit No. 12334-1978, James Jean) FS Date: 7/25/2013 10:13:01 AM	39.297384 ° -122.022989 °	39.297384 ° -122.022989 °	210
DWR ID: DWR_MA0001_01_f_2013_210										

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
195	7.74	7.74	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7221 EP_NO: 12334 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: LS not found FIELD_STRUCT_DESC: 10-inch pipe through levee, 3 feet below the crown. Centrifugal pump on the bank. Siphon breaker on landward shoulder of the levee. (Permit No. 12334-1978, James Jean) FS Date: 10/30/2012	39.297384 ° -122.022989 °	39.297384 ° -122.022989 °	211 Y
DWR ID: DWR_MA0001_01_f_2013_211										
196	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
DWR ID: DWR_MA0001_01_s_2012_52										
197	7.87	7.97	Earthen Levee	Vegetation	WSA/W	M En	V8 : Environmental Requirements.	39.297533 ° -122.021779 °	39.297420 ° -122.027010 °	24
DWR ID: DWR_MA0001_01_s_2012_24										
198	8.94	9.39	Earthen Levee	Encroachments	LS	M En	DT : Ditch	39.308390 ° -122.031157 °	39.315125 ° -122.030206 °	25 Y
DWR ID: DWR_MA0001_01_s_2012_25										
199	9.11	9.11	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8286 EP_NO: 9466 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No access to inspect slide gate. Roof of pumping house deteriorating and debris scattered on landward side. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_345 no issues recorded. FIELD_STRUCT_DESC: 24-inch steel pipe through the levee. Slide gate in concrete riser on the landward slope. Pump house encroaches into the landward slope. Two service poles on the landward shoulder. (ABO No. 9466-1974, Roman Catholic Bishop of Sacramento) FS Date: 10/30/2012	39.311103 ° -122.030541 °	39.311103 ° -122.030541 °	212
DWR ID: DWR_MA0001_01_f_2013_212										
200	9.11	9.11	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8414 EP_NO: 9466 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No access to inspect slide gate on LS. Roof of pumping house deteriorating and debris scattered on landward side. WS crossing not found. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_345 no issues recorded. FIELD_STRUCT_DESC: 24-inch steel pipe through the levee. Slide gate in concrete riser on the landward slope. Pump house encroaches into the landward slope. Two service poles on the landward shoulder. (ABO No. 9466-1974, Roman Catholic Bishop of Sacramento) FS Date: 10/30/2012	39.311103 ° -122.030541 °	39.311103 ° -122.030541 °	213 Y
DWR ID: DWR_MA0001_01_f_2013_213										

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
201	9.11	9.11	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:8105 EP_NO: 9466 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch steel pipe through the levee. Slide gate in concrete riser on the landward slope. Pump house encroaches into the landward slope. Two service poles on the landward shoulder. (ABO No. 9466-1974, Roman Catholic Bishop of Sacramento) FS Date: 10/30/2012	39.311103 ° -122.030541 °	39.311103 ° -122.030541 °	214
DWR ID: DWR_MA0001_01_f_2013_214										
202	9.11	9.11	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:7222 EP_NO: 9466 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch steel pipe through the levee. Slide gate in concrete riser on the landward slope. Pump house encroaches into the landward slope. Two service poles on the landward shoulder. (ABO No. 9466-1974, Roman Catholic Bishop of Sacramento) FS Date: 10/30/2012	39.311103 ° -122.030541 °	39.311103 ° -122.030541 °	215
DWR ID: DWR_MA0001_01_f_2013_215										
203	9.11	9.11	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:16483 EP_NO: 9466 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No access to inspect slide gate on LS. Roof of pumping house deteriorating and debris scattered on landward side. WS crossing not found. This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_345 no issues recorded.7/18/2013 Same as last inspection. FIELD_STRUCT_DESC: 24-inch steel pipe through the levee. Slide gate in concrete riser on the landward slope. Pump house encroaches into the landward slope. Two service poles on the landward shoulder. (ABO No. 9466-1974, Roman Catholic Bishop of Sacramento) FS Date: 7/25/2013 10:13:47 AM	39.311103 ° -122.030541 °	39.311103 ° -122.030541 °	216
DWR ID: DWR_MA0001_01_f_2013_216										
204	9.54	9.54	Earthen Levee	Animal Control	LS	A 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										
205	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:										

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	+ Issue Type N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain 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 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

LMIR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
206	10.31	10.31	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:8110 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: FIELD_STRUCT_DESC: 36 inch corrugated metal pipe through the levee at an unknown depth. Slide gate on the outlet end of the pipe. This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 538+42). (USACE, 1955) FS Date: 10/30/2012	39.328121 ° -122.029262 °	39.328121 ° -122.029262 °	217
DWR ID: DWR_MA0001_01_f_2013_217										
207	10.31	10.31	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:16484 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: 7/18/2013 Same as last inspection. Unable to locate. FIELD_STRUCT_DESC: 24 inch steel pipe through the levee at an unknown depth. Automatic drainage gate on the outlet end of the pipe. This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 538+42). (USACE, 1955) FS Date: 7/25/2013 10:14:38 AM	39.328121 ° -122.029262 °	39.328121 ° -122.029262 °	218
DWR ID: DWR_MA0001_01_f_2013_218										
208	10.31	10.31	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:8424 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: FIELD_STRUCT_DESC: 24 inch steel pipe through the levee at an unknown depth. Automatic drainage gate on the outlet end of the pipe. This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 538+42). (USACE, 1955) FS Date: 10/30/2012	39.328121 ° -122.029262 °	39.328121 ° -122.029262 °	219
DWR ID: DWR_MA0001_01_f_2013_219										
209	10.31	10.31	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:8107 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: abandoned FIELD_STRUCT_DESC: 36 inch corrugated metal pipe through the levee at an unknown depth. Slide gate on the outlet end of the pipe. This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 538+42). (USACE, 1955) FS Date: 10/30/2012	39.328121 ° -122.029262 °	39.328121 ° -122.029262 °	220
DWR ID: DWR_MA0001_01_f_2013_220										

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
210	10.31	10.31	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:8109 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: abandoned-need to properly abandoned. FIELD_STRUCT_DESC: 36 inch corrugated metal pipe through the levee at an unknown depth. Slide gate on the outlet end of the pipe. This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 538+42). (USACE, 1955) FS Date: 10/30/2012	39.328121 ° -122.029262 °	39.328121 ° -122.029262 °	221
DWR ID: DWR_MA0001_01_f_2013_221										
211	10.31	10.31	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:8111 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: FIELD_STRUCT_DESC: 36 inch corrugated metal pipe through the levee at an unknown depth. Slide gate on the outlet end of the pipe. This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 538+42). (USACE, 1955) FS Date: 10/30/2012	39.328121 ° -122.029262 °	39.328121 ° -122.029262 °	222
DWR ID: DWR_MA0001_01_f_2013_222										
212	10.31	10.31	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:16485 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: 7/18/2013 Same as last inspection. Unable to locate. FIELD_STRUCT_DESC: 36 inch corrugated metal pipe through the levee at an unknown depth. Slide gate on the outlet end of the pipe. This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 538+42). (USACE, 1955) FS Date: 7/25/2013 10:15:12 AM	39.328121 ° -122.029262 °	39.328121 ° -122.029262 °	223
DWR ID: DWR_MA0001_01_f_2013_223										
213	10.31	10.31	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:8108 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: abandoned-need to properly abandoned. FIELD_STRUCT_DESC: 36 inch corrugated metal pipe through the levee at an unknown depth. Slide gate on the outlet end of the pipe. This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 538+42). (USACE, 1955) FS Date: 10/30/2012	39.328121 ° -122.029262 °	39.328121 ° -122.029262 °	224 Y
DWR ID: DWR_MA0001_01_f_2013_224										
214	10.35	10.35	Earthen Levee	Erosion / Bank Caving	WSA/W	E1 En	Note and monitor erosion site.	39.328697 ° -122.029262 °	39.328697 ° -122.029262 °	18
DWR ID: DWR_MA0001_01_s_2012_18										

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
215	10.43	10.43	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:8113 EP_NO: 1800 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: new permit.... FIELD_STRUCT_DESC: 1 of 2: 14-inch steel pipes through levee. Siphon breakers on the waterward end. (Permit No. 1800-1959, Jimeno Rancho) FS Date: 10/30/2012	39.329750 °	39.329750 °	225 -122.029602 ° -122.029602 °
DWR ID: DWR_MA0001_01_f_2013_225										
216	10.43	10.43	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:8288 EP_NO: 1800 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: This crossing has been completely modified--need recent permit issued to allow work on levee and levee toe. Was levee compacted to CVFPB standards? This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0371 unable to determine why this crossing was assigned "U". FIELD_STRUCT_DESC: 1 of 2: 14-inch steel pipes through levee. Siphon breakers on the waterward end. (Permit No. 1800-1959, Jimeno Rancho) FS Date: 10/30/2012	39.329750 °	39.329750 °	226 -122.029602 ° -122.029602 °
DWR ID: DWR_MA0001_01_f_2013_226										
217	10.43	10.43	Supplemental	DWR UCIP Field Study	WS	U En	Inspector Comments: FS_ID:9145 EP_NO: 1800 Repair Type: Urgent Crossing Status: Found UCIP Comments: This crossing has been completely modified--need recent permit issued to allow work on levee and levee toe. Was levee compacted to CVFPB standards? This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0371 unable to determine why this crossing was assigned "U". FIELD_STRUCT_DESC: 1 of 2: 14-inch steel pipes through levee. Siphon breakers on the waterward end. (Permit No. 1800-1959, Jimeno Rancho) FS Date: 10/30/2012	39.329750 °	39.329750 °	227 -122.029602 ° -122.029602 °
DWR ID: DWR_MA0001_01_f_2013_227										

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
221	10.43	10.43	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:8115 EP_NO: 9487 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: MAYBE....need to measure 24" or 36" FIELD_STRUCT_DESC: 24-inch steel pipe through levee. Gate valve on the waterward end. (USACE, 1955) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (538+42). FS Date: 10/30/2012	39.329749 °	39.329749 °	231 -122.029602 ° -122.029602 °
DWR ID: DWR_MA0001_01_f_2013_231										
222	10.43	10.43	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:8112 EP_NO: 1800 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: modified need permit.... FIELD_STRUCT_DESC: 2 of 2: 14-inch steel pipes through levee. Siphon breakers on the waterward end. (Permit No. 1800-1959, Jimeno Rancho) FS Date: 10/30/2012	39.329750 °	39.329750 °	232 -122.029602 ° -122.029602 °
DWR ID: DWR_MA0001_01_f_2013_232										
223	10.43	10.43	Supplemental	DWR UCIP Field Study	WS	U En	Inspector Comments: FS_ID:16487 EP_NO: 1800 Repair Type: Urgent Crossing Status: Found UCIP Comments: This crossing has been completely modified--need recent permit issued to allow work on levee and levee toe. Was levee compacted to CVFPB standards? This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0371 unable to determine why this crossing was assigned "U".7/18/2013 Same as last inspection. FIELD_STRUCT_DESC: 1 of 2: 14-inch steel pipes through levee. Siphon breakers on the waterward end. (Permit No. 1800-1959, Jimeno Rancho) FS Date: 7/25/2013 10:21:02 AM	39.329750 °	39.329750 °	233 -122.029602 ° -122.029602 °
DWR ID: DWR_MA0001_01_f_2013_233										

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

224	10.43	10.43	Supplemental	DWR UCIP Field Study	WS	U En	Inspector Comments: FS_ID:16488 EP_NO: 1800 Repair Type: Urgent Crossing Status: Found UCIP Comments: This crossing has been completely modified--need recent permit issued to allow work on levee and levee toe. Was levee compacted to CVFPB standards? This crossing was listed in the USACE Periodic Inspection as ID# USACE_CESPK_MA1C_2010_p_0371 unable to determine why this crossing was assigned "U".7/18/2013 Same as last inspection. FIELD_STRUCT_DESC: 2 of 2: 14-inch steel pipes through levee. Siphon breakers on the waterward end. (Permit No. 1800-1959, Jimeno Rancho) FS Date: 7/25/2013 10:21:34 AM	39.329750 °	39.329750 °	234	
								-122.029602 °	-122.029602 °		
								DWR ID: DWR_MA0001_01_f_2013_234			

225	10.43	10.43	Supplemental	DWR UCIP Field Study	WS	U En	Inspector Comments: FS_ID:16486 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Landward side has been completely altered. Need to find permit for new work.7/18/2013 Same as last inspection. FIELD_STRUCT_DESC: 24-inch steel pipe through levee. Gate valve on the waterward end. (USACE, 1955) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (538+42). FS Date: 7/25/2013 10:15:48 AM	39.329749 °	39.329749 °	235	
								-122.029602 °	-122.029602 °		
								DWR ID: DWR_MA0001_01_f_2013_235			

226	10.43	10.43	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:8106 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Permit? FIELD_STRUCT_DESC: 24 inch steel pipe through the levee at an unknown depth. Automatic drainage gate on the outlet end of the pipe. This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 538+42). (USACE, 1955) FS Date: 10/30/2012	39.329747 °	39.329747 °	236	
								-122.029625 °	-122.029625 °		
								DWR ID: DWR_MA0001_01_f_2013_236			

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

227	10.43	10.43	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:7224 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24 inch steel pipe through the levee at an unknown depth. Automatic drainage gate on the outlet end of the pipe. This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 538+42). (USACE, 1955) FS Date: 10/30/2012	39.329747 °	39.329747 °	237
								-122.029625 °	-122.029625 °	

DWR ID: DWR_MA0001_01_f_2013_237

228	10.54	10.54	Supplemental	DWR UCIP Field Study	WS	U En	Inspector Comments: FS_ID:8289 EP_NO: 2639 Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: No markers on levee to indicate crossing; Need markers to determine where and how deep crossing penetrates levee to avoid damage to crossing during maintenance of levees; markers found on HWY 45 (over 1300 feet away from landward toe). FIELD_STRUCT_DESC: 6-5/8 inch wrapped steel pipe from Compton Landing Gas field to Main No. 172 through levee at a depth of 3 feet. Levee and berm slopes were cobbles rip-rapped ten feet on each side of cut. FS Date: 10/30/2012	39.331275 °	39.331275 °	238
								-122.029952 °	-122.029952 °	

DWR ID: DWR_MA0001_01_f_2013_238

229	10.54	10.54	Supplemental	DWR UCIP Field Study	WS	U En	Inspector Comments: FS_ID:8292 EP_NO: 2639 Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: No markers on levee to indicate crossing; Need markers to determine where and how deep crossing penetrates levee to avoid damage to crossing during maintenance of levees; markers found on HWY 45 (approximately 1350 feet away from landward toe). FIELD_STRUCT_DESC: 6-5/8 inch wrapped steel pipe from Compton Landing Gas field to Main No. 172 through levee at a depth of 3 feet. Levee and berm slopes were cobbles rip-rapped ten feet on each side of cut. FS Date: 10/30/2012	39.331275 °	39.331275 °	239
								-122.029952 °	-122.029952 °	

DWR ID: DWR_MA0001_01_f_2013_239

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
233	10.54	10.54	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:8586 EP_NO: 2639 Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: No markers on levee to indicate crossing; Need markers to determine where and how deep crossing penetrates levee to avoid damage to crossing during maintenance of levees; markers found on HWY 45 (approximately 1350 feet away from landward toe). Olivia (UCIP team) has contacted PG&E to determine more info--pending response from PG&E. FIELD_STRUCT_DESC: 6-5/8 inch wrapped steel pipe from Compton Landing Gas field to Main No. 172 through levee at a depth of 3 feet. Levee and berm slopes were cobbles rip-rapped ten feet on each side of cut. FS Date: 10/30/2012	39.331275 ° -122.029952 °	39.331275 ° -122.029952 °	243
DWR ID: DWR_MA0001_01_f_2013_243										
234	10.55	10.55	Earthen Levee	Encroachments	LS	C En	PR : Prunings	39.331494 ° -122.030023 °	39.331494 ° -122.030023 °	17
DWR ID: DWR_MA0001_01_s_2013_17										
235	10.91	10.91	Earthen Levee	Animal Control	LS	C 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
DWR ID: DWR_MA0001_01_s_2012_471										
236	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										
237	11.25	11.25	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:9146 EP_NO: 187 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine if structure is still in use--contact owner. If abandoned structure--structure needs to be properly abandoned. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0393 missing gate. FIELD_STRUCT_DESC: 1 of 2: 52-inch CMP through levee. Slide gate on waterward side and flap gate on landward side. Concrete headwalls at both sides. This structure is associated with another abandoned structure located on waterward side. Abandoned structure includes pump house, multiple concrete walls, and 3 additional crossings (2-30 inch pipes and 1-48 inch pipe). (Permit No. 187-1921, Compton-Delevan Irrigation District-Maxwell I.D.) FS Date: 10/30/2012	39.340867 ° -122.032932 °	39.340867 ° -122.032932 °	244
DWR ID: DWR_MA0001_01_f_2013_244										

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

238	11.25	11.25	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:9239 EP_NO: 187 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine if structure is still in use--contact owner. If abandoned structure--structure needs to be properly abandoned. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0393 missing gate. FIELD_STRUCT_DESC: 1 of 2: 52-inch CMP through levee. Slide gate on waterward side and flap gate on landward side. Concrete headwalls at both sides. This structure is associated with another abandoned structure located on waterward side. Abandoned structure includes pump house, multiple concrete walls, and 3 additional crossings (2-30 inch pipes and 1-48 inch pipe). (Permit No. 187-1921, Compton-Delevan Irrigation District-Maxwell I.D.) FS Date: 10/30/2012	39.340867 °	39.340867 °	245
								-122.032932 °	-122.032932 °	Y

DWR ID: DWR_MA0001_01_f_2013_245

239	11.25	11.25	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:16493 EP_NO: 187 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine if structure is still in use--contact owner. If abandoned structure--structure needs to be properly abandoned. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0393 missing gate.7/18/2013 Same as last inspection. FIELD_STRUCT_DESC: 1 of 2: 52-inch CMP through levee. Slide gate on waterward side and flap gate on landward side. Concrete headwalls at both sides. This structure is associated with another abandoned structure located on waterward side. Abandoned structure includes pump house, multiple concrete walls, and 3 additional crossings (2-30 inch pipes and 1-48 inch pipe). (Permit No. 187-1921, Compton-Delevan Irrigation District-Maxwell I.D.) FS Date: 7/25/2013 10:24:44 AM	39.340867 °	39.340867 °	246
								-122.032932 °	-122.032932 °	

DWR ID: DWR_MA0001_01_f_2013_246

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

240	11.25	11.25	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8464 EP_NO: 187 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine if structure is still in use--contact owner. If abandoned structure--structure needs to be abandoned. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0393 missing gate. FIELD_STRUCT_DESC: 1 of 2: 52-inch CMP through levee. Slide gate on waterward side and flap gate on landward side. Concrete headwalls at both sides. This structure is associated with another abandoned structure located on waterward side. Abandoned structure includes pump house, multiple concrete walls, and 3 additional crossings (2-30 inch pipes and 1-48 inch pipe). (Permit No. 187-1921, Compton-Delevan Irrigation District-Maxwell I.D.) FS Date: 10/30/2012	39.340867 °	39.340867 °	247
								-122.032932 °	-122.032932 °	

DWR ID: DWR_MA0001_01_f_2013_247

241	11.25	11.25	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8471 EP_NO: 187 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine if structure is still in use--contact owner. If abandoned structure--structure needs to be properly abandoned. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0393 missing gate. FIELD_STRUCT_DESC: 1 of 2: 52-inch CMP through levee. Slide gate on waterward side and flap gate on landward side. Concrete headwalls at both sides. This structure is associated with another abandoned structure located on waterward side. Abandoned structure includes pump house, multiple concrete walls, and 3 additional crossings (2-30 inch pipes and 1-48 inch pipe). (Permit No. 187-1921, Compton-Delevan Irrigation District-Maxwell I.D.) FS Date: 10/30/2012	39.340867 °	39.340867 °	248
								-122.032932 °	-122.032932 °	

DWR ID: DWR_MA0001_01_f_2013_248

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

242	11.25	11.25	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8468 EP_NO: 187 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine if structure is still in use--contact owner. If abandoned structure--structure needs to be properly abandoned. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0393 missing gate. FIELD_STRUCT_DESC: 1 of 2: 52-inch CMP through levee. Slide gate on waterward side and flap gate on landward side. Concrete headwalls at both sides. This structure is associated with another abandoned structure located on waterward side. Abandoned structure includes pump house, multiple concrete walls, and 3 additional crossings (2-30 inch pipes and 1-48 inch pipe). (Permit No. 187-1921, Compton-Delevan Irrigation District-Maxwell I.D.) FS Date: 10/30/2012	39.340867 °	39.340867 °	249
								-122.032932 °	-122.032932 °	

DWR ID: DWR_MA0001_01_f_2013_249

243	11.26	11.26	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8465 EP_NO: 187 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to determine if structure is still in use--contact owner. If abandoned structure--structure needs to be abandoned. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0393 missing gate. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0393 missing gate. FIELD_STRUCT_DESC: 2 of 2: 52-inch CMP through levee. Slide gate on waterward side and flap gate on landward side. Concrete headwalls at both sides. This structure is associated with another abandoned structure located on waterward side. Abandoned structure includes pump house, multiple concrete walls, and 3 additional crossings (2-30 inch pipes and 1-48 inch pipe). (Permit No. 187-1921, Compton-Delevan Irrigation District-Maxwell I.D.) FS Date: 10/30/2012	39.340976 °	39.340976 °	250
								-122.032942 °	-122.032942 °	

DWR ID: DWR_MA0001_01_f_2013_250

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

244	11.26	11.26	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8466 EP_NO: 187 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine if structure is still in use--contact owner. If abandoned structure--structure needs to be properly abandoned. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0393 missing gate. FIELD_STRUCT_DESC: 1 of 2: 52-inch CMP through levee. Slide gate on waterward side and flap gate on landward side. Concrete headwalls at both sides. This structure is associated with another abandoned structure located on waterward side. Abandoned structure includes pump house, multiple concrete walls, and 3 additional crossings (2-30 inch pipes and 1-48 inch pipe). (Permit No. 187-1921, Compton-Delevan Irrigation District-Maxwell I.D.) FS Date: 10/30/2012	39.340971 °	39.340971 °	251
								-122.032957 °	-122.032957 °	
								DWR ID: DWR_MA0001_01_f_2013_251		

245	11.26	11.26	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:8467 EP_NO: 187 Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: Missing positive closure device. Need to determine if structure is still in use--contact owner. If abandoned structure--structure needs to be abandoned. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0393 missing gate. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0393 missing gate. FIELD_STRUCT_DESC: 2 of 2: 52-inch CMP through levee. Slide gate on waterward side and flap gate on landward side. Concrete headwalls at both sides. This structure is associated with another abandoned structure located on waterward side. Abandoned structure includes pump house, multiple concrete walls, and 3 additional crossings (2-30 inch pipes and 1-48 inch pipe). (Permit No. 187-1921, Compton-Delevan Irrigation District-Maxwell I.D.) FS Date: 10/30/2012	39.340971 °	39.340971 °	252
								-122.032957 °	-122.032957 °	
								DWR ID: DWR_MA0001_01_f_2013_252		

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

246	11.26	11.26	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:16494 EP_NO: 187 Repair Type: Urgent Crossing Status: Found UCIP Comments: Missing positive closure device. Need to determine if structure is still in use--contact owner. If abandoned structure--structure needs to be abandoned. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0393 missing gate.7/18/2013 Same as last inspection. FIELD_STRUCT_DESC: 2 of 2: 52-inch CMP through levee. Slide gate on waterward side and flap gate on landward side. Concrete headwalls at both sides. This structure is associated with another abandoned structure located on waterward side. Abandoned structure includes pump house, multiple concrete walls, and 3 additional crossings (2-30 inch pipes and 1-48 inch pipe). (Permit No. 187-1921, Compton-Delevan Irrigation District-Maxwell I.D.) FS Date: 7/25/2013 10:25:34 AM	39.340971 °	39.340971 °	253
								-122.032957 °	-122.032957 °	

DWR ID: DWR_MA0001_01_f_2013_253

247	11.26	11.26	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:9240 EP_NO: 187 Repair Type: Urgent Crossing Status: Found UCIP Comments: Missing positive closure device. Need to determine if structure is still in use--contact owner. If abandoned structure--structure needs to be abandoned. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0393 missing gate. . FIELD_STRUCT_DESC: 2 of 2: 52-inch CMP through levee. Slide gate on waterward side and flap gate on landward side. Concrete headwalls at both sides. This structure is associated with another abandoned structure located on waterward side. Abandoned structure includes pump house, multiple concrete walls, and 3 additional crossings (2-30 inch pipes and 1-48 inch pipe). (Permit No. 187-1921, Compton-Delevan Irrigation District-Maxwell I.D.) FS Date: 10/30/2012	39.340971 °	39.340971 °	254
								-122.032957 °	-122.032957 °	

DWR ID: DWR_MA0001_01_f_2013_254

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

248	11.26	11.26	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8462 EP_NO: 187 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to determine if structure is still in use--contact owner. If abandoned structure--structure needs to be abandoned. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0393 missing gate. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0393 missing gate. FIELD_STRUCT_DESC: 2 of 2: 26-inch CMP through levee. Flap gates on the landward end. Concrete headwalls at both toes. Slide gates on the waterward end. Pump house on waterward berm. (Permit No. 187-1921, Compton-Delevan Irrigation District-Maxwell I.D.) FS Date: 10/30/2012	39.340976 ° -122.032942 °	39.340976 ° -122.032942 °	255
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DWR ID: DWR_MA0001_01_f_2013_255

249	11.26	11.26	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7248 EP_NO: 187 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: 1 of 2: 26-inch CMP through levee. Flap gates on the landward end. Concrete headwalls at both toes. Slide gates on the waterward end. Pump house on waterward berm. (Permit No. 187-1921, Compton-Delevan Irrigation District-Maxwell I.D.) FS Date: 10/30/2012	39.340974 ° -122.032941 °	39.340974 ° -122.032941 °	256
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DWR ID: DWR_MA0001_01_f_2013_256

250	11.26	11.26	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7249 EP_NO: 187 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: 2 of 2: 26-inch CMP through levee. Flap gates on the landward end. Concrete headwalls at both toes. Slide gates on the waterward end. Pump house on waterward berm. (Permit No. 187-1921, Compton-Delevan Irrigation District-Maxwell I.D.) FS Date: 10/30/2012	39.340976 ° -122.032942 °	39.340976 ° -122.032942 °	257
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DWR ID: DWR_MA0001_01_f_2013_257

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

251	11.26	11.26	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8299 EP_NO: 187 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0393 missing gate. FIELD_STRUCT_DESC: 1 of 2: 26-inch CMP through levee. Flap gates on the landward end. Concrete headwalls at both toes. Slide gates on the waterward end. Pump house on waterward berm. (Permit No. 187-1921, Compton-Delevan Irrigation District-Maxwell I.D.) FS Date: 10/30/2012	39.340974 °	39.340974 °	258
								-122.032941 °	-122.032941 °	
DWR ID: DWR_MA0001_01_f_2013_258										

252	11.26	11.26	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:8470 EP_NO: 187 Repair Type: Urgent Crossing Status: Found UCIP Comments: Missing positive closure device. Need to determine if structure is still in use--contact owner. If abandoned structure--structure needs to be abandoned. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0393 missing gate. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0393 missing gate. FIELD_STRUCT_DESC: 2 of 2: 52-inch CMP through levee. Slide gate on waterward side and flap gate on landward side. Concrete headwalls at both sides. This structure is associated with another abandoned structure located on waterward side. Abandoned structure includes pump house, multiple concrete walls, and 3 additional crossings (2-30 inch pipes and 1-48 inch pipe). (Permit No. 187-1921, Compton-Delevan Irrigation District-Maxwell I.D.) FS Date: 10/30/2012	39.340971 °	39.340971 °	259
								-122.032957 °	-122.032957 °	
DWR ID: DWR_MA0001_01_f_2013_259										

253	11.26	11.26	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8297 EP_NO: 187 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: 2 of 2: 26-inch CMP through levee. Flap gates on the landward end. Concrete headwalls at both toes. Slide gates on the waterward end. Pump house on waterward berm. (Permit No. 187-1921, Compton-Delevan Irrigation District-Maxwell I.D.) FS Date: 10/30/2012	39.340976 °	39.340976 °	260
								-122.032942 °	-122.032942 °	
DWR ID: DWR_MA0001_01_f_2013_260										

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

254	11.26	11.26	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8461 EP_NO: 187 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to determine if structure is still in use--contact owner. If abandoned structure--structure needs to be abandoned. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0393 missing gate. FIELD_STRUCT_DESC: 1 of 2: 52-inch CMP through levee. Slide gate on waterward side and flap gate on landward side. Concrete headwalls at both sides. This structure is associated with another abandoned structure located on waterward side. Abandoned structure includes pump house, multiple concrete walls, and 3 additional crossings (2-30 inch pipes and 1-48 inch pipe). (Permit No. 187-1921, Compton-Delevan Irrigation District-Maxwell I.D.) FS Date: 10/30/2012	39.340974 °	39.340974 °	261
								-122.032941 °	-122.032941 °	
								DWR ID: DWR_MA0001_01_f_2013_261		

255	11.26	11.26	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8300 EP_NO: 187 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0393 missing gate. FIELD_STRUCT_DESC: 2 of 2: 26-inch CMP through levee. Flap gates on the landward end. Concrete headwalls at both toes. Slide gates on the waterward end. Pump house on waterward berm. (Permit No. 187-1921, Compton-Delevan Irrigation District-Maxwell I.D.) FS Date: 10/30/2012	39.340976 °	39.340976 °	262
								-122.032942 °	-122.032942 °	
								DWR ID: DWR_MA0001_01_f_2013_262		

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

256	11.26	11.26	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:9238 EP_NO: 187 Repair Type: Urgent Crossing Status: Found UCIP Comments: Missing positive closure device. Need to determine if structure is still in use--contact owner. If abandoned structure--structure needs to be abandoned. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0393 missing gate. . FIELD_STRUCT_DESC: 2 of 2: 52-inch CMP through levee. Slide gate on waterward side and flap gate on landward side. Concrete headwalls at both sides. This structure is associated with another abandoned structure located on waterward side. Abandoned structure includes pump house, multiple concrete walls, and 3 additional crossings (2-30 inch pipes and 1-48 inch pipe). (Permit No. 187-1921, Compton-Delevan Irrigation District-Maxwell I.D.) FS Date: 10/30/2012	39.340971 °	39.340971 °	263
								-122.032957 °	-122.032957 °	
DWR ID: DWR_MA0001_01_f_2013_263										

257	11.26	11.26	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:9147 EP_NO: 187 Repair Type: Urgent Crossing Status: Found UCIP Comments: Missing positive closure device. Need to determine if structure is still in use--contact owner. If abandoned structure--structure needs to be abandoned. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0393 missing gate. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0393 missing gate. FIELD_STRUCT_DESC: 2 of 2: 52-inch CMP through levee. Slide gate on waterward side and flap gate on landward side. Concrete headwalls at both sides. This structure is associated with another abandoned structure located on waterward side. Abandoned structure includes pump house, multiple concrete walls, and 3 additional crossings (2-30 inch pipes and 1-48 inch pipe). (Permit No. 187-1921, Compton-Delevan Irrigation District-Maxwell I.D.) FS Date: 10/30/2012	39.340971 °	39.340971 °	264
								-122.032957 °	-122.032957 °	
DWR ID: DWR_MA0001_01_f_2013_264										

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

258	11.43	11.43	Supplemental	DWR UCIP Field Study	LS En	U	Inspector Comments: FS_ID:8543 EP_NO: 17471 Repair Type: Urgent Crossing Status: Found UCIP Comments: Erosion between risers with slide gates located on waterward side; This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0398 for possible sinkhole between access gate structures. FIELD_STRUCT_DESC: 1 of 2: 18 inch diameter HDPE discharge pipes to be connected to the existing standpipe risers within the waterside and parallel to the right (west) bank levee of Sacramento River. Pump station is located approximately 450 feet upstream of crossing. (Permit 17471-2002, Maxwell Irrigation District) FS Date: 10/30/2012	39.343283 ° -122.032145 °	39.343283 ° -122.032145 °	265 Y
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DWR ID: DWR_MA0001_01_f_2013_265

259	11.43	11.43	Supplemental	DWR UCIP Field Study	LS En	U	Inspector Comments: FS_ID:16496 EP_NO: 17471 Repair Type: Urgent Crossing Status: Found UCIP Comments: Erosion between risers with slide gates located on waterward side; This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0398 for possible sinkhole between access gate structures.7/18/2013 Same as last inspection. FIELD_STRUCT_DESC: 1 of 2: 18 inch diameter HDPE discharge pipes to be connected to the existing standpipe risers within the waterside and parallel to the right (west) bank levee of Sacramento River. Pump station is located approximately 450 feet upstream of crossing. (Permit 17471-2002, Maxwell Irrigation District) FS Date: 7/25/2013 10:27:27 AM	39.343283 ° -122.032145 °	39.343283 ° -122.032145 °	266
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DWR ID: DWR_MA0001_01_f_2013_266

260	11.43	11.43	Supplemental	DWR UCIP Field Study	LS En	U	Inspector Comments: FS_ID:8542 EP_NO: 17471 Repair Type: Urgent Crossing Status: Found UCIP Comments: Erosion between risers with slide gates located on waterward side; This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0398 for possible sinkhole between access gate structures. FIELD_STRUCT_DESC: 2 of 2: 24 inch diameter HDPE discharge pipes to be connected to the existing standpipe risers within the waterside and parallel to the right (west) bank levee of Sacramento River. (Permit 17471-2002, Maxwell Irrigation District) FS Date: 10/30/2012	39.343263 ° -122.032152 °	39.343263 ° -122.032152 °	267
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DWR ID: DWR_MA0001_01_f_2013_267

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

261	11.43	11.43	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:8541 EP_NO: 17471 Repair Type: Urgent Crossing Status: Found UCIP Comments: Erosion between risers with slide gates located on waterward side; This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0398 for possible sinkhole between access gate structures. FIELD_STRUCT_DESC: 2 of 2: 24 inch diameter HDPE discharge pipes to be connected to the existing standpipe risers within the waterside and parallel to the right (west) bank levee of Sacramento River. (Permit 17471-2002, Maxwell Irrigation District) FS Date: 10/30/2012	39.343263 °	39.343263 °	268
								-122.032152 °	-122.032152 °	
								DWR ID: DWR_MA0001_01_f_2013_268		

262	11.43	11.43	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8122 EP_NO: 17471 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: erosion at riser; FIELD_STRUCT_DESC: 2 of 2: 24 inch diameter HDPE discharge pipes to be connected to the existing standpipe risers within the waterside and parallel to the right (west) bank levee of Sacramento River. (Permit 17471-2002, Maxwell Irrigation District) FS Date: 10/30/2012	39.343263 °	39.343263 °	269
								-122.032152 °	-122.032152 °	
								DWR ID: DWR_MA0001_01_f_2013_269		

263	11.43	11.43	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:8304 EP_NO: 17471 Repair Type: Urgent Crossing Status: Found UCIP Comments: Erosion between risers with slide gates located on waterward side; This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0398 for possible sinkhole between access gate structures. FIELD_STRUCT_DESC: 1 of 2: 18 inch diameter HDPE discharge pipes to be connected to the existing standpipe risers within the waterside and parallel to the right (west) bank levee of Sacramento River. Pump station is located approximately 450 feet upstream of crossing. (Permit 17471-2002, Maxwell Irrigation District) FS Date: 10/30/2012	39.343283 °	39.343283 °	270
								-122.032145 °	-122.032145 °	
								DWR ID: DWR_MA0001_01_f_2013_270		

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

264	11.43	11.43	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:8540 EP_NO: 17471 Repair Type: Urgent Crossing Status: Found UCIP Comments: Erosion between risers with slide gates located on waterward side; This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0398 for possible sinkhole between access gate structures. FIELD_STRUCT_DESC: 1 of 2: 18 inch diameter HDPE discharge pipes to be connected to the existing standpipe risers within the waterside and parallel to the right (west) bank levee of Sacramento River. Pump station is located approximately 450 feet upstream of crossing. (Permit 17471-2002, Maxwell Irrigation District) FS Date: 10/30/2012	39.343283 °	39.343283 °	271
								-122.032145 °	-122.032145 °	
								DWR ID: DWR_MA0001_01_f_2013_271		

265	11.43	11.43	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:8545 EP_NO: 17471 Repair Type: Urgent Crossing Status: Found UCIP Comments: Erosion between risers with slide gates located on waterward side; This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0398 for possible sinkhole between access gate structures. FIELD_STRUCT_DESC: 1 of 2: 18 inch diameter HDPE discharge pipes to be connected to the existing standpipe risers within the waterside and parallel to the right (west) bank levee of Sacramento River. Pump station is located approximately 450 feet upstream of crossing. (Permit 17471-2002, Maxwell Irrigation District) FS Date: 10/30/2012	39.343283 °	39.343283 °	272
								-122.032145 °	-122.032145 °	
								DWR ID: DWR_MA0001_01_f_2013_272		

266	11.43	11.43	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7255 EP_NO: 17471 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: erosion at riser; FIELD_STRUCT_DESC: 1 of 2: 18 inch diameter HDPE discharge pipes to be connected to the existing standpipe risers within the waterside and parallel to the right (west) bank levee of Sacramento River. Pump station is located approximately 450 feet upstream of crossing. (Permit 17471-2002, Maxwell Irrigation District) FS Date: 10/30/2012	39.343283 °	39.343283 °	273
								-122.032145 °	-122.032145 °	
								DWR ID: DWR_MA0001_01_f_2013_273		

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
267	11.43	11.43	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7251 EP_NO: 17471 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: erosion at riser FIELD_STRUCT_DESC: 2 of 2: 24 inch diameter HDPE discharge pipes to be connected to the existing standpipe risers within the waterside and parallel to the right (west) bank levee of Sacramento River. (Permit 17471-2002, Maxwell Irrigation District) FS Date: 10/30/2012	39.343283 ° -122.032145 °	39.343283 ° -122.032145 °	274
DWR ID: DWR_MA0001_01_f_2013_274										
268	11.43	11.43	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7252 EP_NO: 17471 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: erosion at riser FIELD_STRUCT_DESC: 1 of 2: 18 inch diameter HDPE discharge pipes to be connected to the existing standpipe risers within the waterside and parallel to the right (west) bank levee of Sacramento River. Pump station is located approximately 450 feet upstream of crossing. (Permit 17471-2002, Maxwell Irrigation District) FS Date: 10/30/2012	39.343263 ° -122.032152 °	39.343263 ° -122.032152 °	275
DWR ID: DWR_MA0001_01_f_2013_275										
269	11.43	11.43	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7253 EP_NO: 17471 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: erosion at riser FIELD_STRUCT_DESC: 1 of 2: 18 inch diameter HDPE discharge pipes to be connected to the existing standpipe risers within the waterside and parallel to the right (west) bank levee of Sacramento River. Pump station is located approximately 450 feet upstream of crossing. (Permit 17471-2002, Maxwell Irrigation District) FS Date: 10/30/2012	39.343263 ° -122.032152 °	39.343263 ° -122.032152 °	276
DWR ID: DWR_MA0001_01_f_2013_276										
270	11.43	11.43	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7254 EP_NO: 17471 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: erosion at riser FIELD_STRUCT_DESC: 2 of 2: 24 inch diameter HDPE discharge pipes to be connected to the existing standpipe risers within the waterside and parallel to the right (west) bank levee of Sacramento River. (Permit 17471-2002, Maxwell Irrigation District) FS Date: 10/30/2012	39.343283 ° -122.032145 °	39.343283 ° -122.032145 °	277
DWR ID: DWR_MA0001_01_f_2013_277										

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

271	11.43	11.43	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8302 EP_NO: 17471 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: erosion at riser; FIELD_STRUCT_DESC: 2 of 2: 24 inch diameter HDPE discharge pipes to be connected to the existing standpipe risers within the waterside and parallel to the right (west) bank levee of Sacramento River. (Permit 17471-2002, Maxwell Irrigation District) FS Date: 10/30/2012	39.343263 ° -122.032152 °	39.343263 ° -122.032152 °	278
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DWR ID: DWR_MA0001_01_f_2013_278

272	11.43	11.43	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7256 EP_NO: 17471 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: erosion at riser; FIELD_STRUCT_DESC: 2 of 2: 24 inch diameter HDPE discharge pipes to be connected to the existing standpipe risers within the waterside and parallel to the right (west) bank levee of Sacramento River. (Permit 17471-2002, Maxwell Irrigation District) FS Date: 10/30/2012	39.343263 ° -122.032152 °	39.343263 ° -122.032152 °	279
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DWR ID: DWR_MA0001_01_f_2013_279

273	11.43	11.43	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8123 EP_NO: 17471 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: erosion at riser; FIELD_STRUCT_DESC: 1 of 2: 18 inch diameter HDPE discharge pipes to be connected to the existing standpipe risers within the waterside and parallel to the right (west) bank levee of Sacramento River. Pump station is located approximately 450 feet upstream of crossing. (Permit 17471-2002, Maxwell Irrigation District) FS Date: 10/30/2012	39.343283 ° -122.032145 °	39.343283 ° -122.032145 °	280
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DWR ID: DWR_MA0001_01_f_2013_280

274	11.43	11.43	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:8303 EP_NO: 17471 Repair Type: Urgent Crossing Status: Found UCIP Comments: Erosion between risers with slide gates located on waterward side; This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0398 for possible sinkhole between access gate structures. FIELD_STRUCT_DESC: 2 of 2: 24 inch diameter HDPE discharge pipes to be connected to the existing standpipe risers within the waterside and parallel to the right (west) bank levee of Sacramento River. (Permit 17471-2002, Maxwell Irrigation District) FS Date: 10/30/2012	39.343263 ° -122.032152 °	39.343263 ° -122.032152 °	281
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DWR ID: DWR_MA0001_01_f_2013_281

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

LMIR No.	Levee Mile		Category	Item	* Location	+ Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
275	11.43	11.43	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8121 EP_NO: 17471 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: erosion at riser; FIELD_STRUCT_DESC: 1 of 2: 18 inch diameter HDPE discharge pipes to be connected to the existing standpipe risers within the waterside and parallel to the right (west) bank levee of Sacramento River. Pump station is located approximately 450 feet upstream of crossing. (Permit 17471-2002, Maxwell Irrigation District) FS Date: 10/30/2012	39.343283 ° -122.032145 °	39.343283 ° -122.032145 °	282
DWR ID: DWR_MA0001_01_f_2013_282										
276	11.43	11.43	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8120 EP_NO: 17471 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: erosion at riser; FIELD_STRUCT_DESC: 2 of 2: 24 inch diameter HDPE discharge pipes to be connected to the existing standpipe risers within the waterside and parallel to the right (west) bank levee of Sacramento River. (Permit 17471-2002, Maxwell Irrigation District) FS Date: 10/30/2012	39.343263 ° -122.032152 °	39.343263 ° -122.032152 °	283
DWR ID: DWR_MA0001_01_f_2013_283										
277	11.43	11.43	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:8546 EP_NO: 17471 Repair Type: Urgent Crossing Status: Found UCIP Comments: Erosion between risers with slide gates located on waterward side; This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0398 for possible sinkhole between access gate structures. FIELD_STRUCT_DESC: 2 of 2: 24 inch diameter HDPE discharge pipes to be connected to the existing standpipe risers within the waterside and parallel to the right (west) bank levee of Sacramento River. (Permit 17471-2002, Maxwell Irrigation District) FS Date: 10/30/2012	39.343263 ° -122.032152 °	39.343263 ° -122.032152 °	284
DWR ID: DWR_MA0001_01_f_2013_284										

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

278	11.43	11.43	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:16497 EP_NO: 17471 Repair Type: Urgent Crossing Status: Found UCIP Comments: Erosion between risers with slide gates located on waterward side; This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0398 for possible sinkhole between access gate structures.7/18/2013 Same as last inspection. FIELD_STRUCT_DESC: 2 of 2: 24 inch diameter HDPE discharge pipes to be connected to the existing standpipe risers within the waterside and parallel to the right (west) bank levee of Sacramento River. (Permit 17471-2002, Maxwell Irrigation District) FS Date: 7/25/2013 10:28:25 AM	39.343263 °	39.343263 °	285	
								-122.032152 °	-122.032152 °		
								DWR ID: DWR_MA0001_01_f_2013_285			

279	11.45	11.71	Earthen Levee	Encroachments	LS	M En	DT : Ditch	39.343542 °	39.347185 °	27	
								-122.032107 °	-122.031525 °	Y	
								DWR ID: DWR_MA0001_01_s_2012_27			

280	11.51	11.51	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7250 EP_NO: 17471 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: erosion at riser FIELD_STRUCT_DESC: 1 of 2: 18 inch diameter HDPE discharge pipes to be connected to the existing standpipe risers within the waterside and parallel to the right (west) bank levee of Sacramento River. Pump station is located approximately 450 feet upstream of crossing. (Permit 17471-2002, Maxwell Irrigation District) FS Date: 10/30/2012	39.344349 °	39.344349 °	286	
								-122.031777 °	-122.031777 °		
								DWR ID: DWR_MA0001_01_f_2013_286			

281	11.51	11.51	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:9125 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine encroachment permit associated with this crossing. FIELD_STRUCT_DESC: 1 of 3: 24 inch discharge pipe through levee. Crossing is tied to existing Maxwell Irrigation District Pump Station located on waterward side. Siphon breaker inside CMP riser located on landward shoulder. FS Date: 10/30/2012	39.344376 °	39.344376 °	287	
								-122.031792 °	-122.031792 °		
								DWR ID: DWR_MA0001_01_f_2013_287			

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

LMR No.	Levee Mile		Category	Item	* Location	+ Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
282	11.51	11.51	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:9128 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine encroachment permit associated with this crossing. FIELD_STRUCT_DESC: 1 of 3: 24 inch discharge pipe through levee. Crossing is tied to existing Maxwell Irrigation District Pump Station located on waterward side. Siphon breaker inside CMP riser located on landward shoulder. FS Date: 10/30/2012	39.344376 ° -122.031792 °	39.344376 ° -122.031792 °	288
DWR ID: DWR_MA0001_01_f_2013_288										
283	11.51	11.51	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:16501 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine encroachment permit associated with this crossing.7/22/2013 Same as last inspection. FIELD_STRUCT_DESC: 1 of 3: 24 inch discharge pipe through levee. Crossing is tied to existing Maxwell Irrigation District Pump Station located on waterward side. Siphon breaker inside CMP riser located on landward shoulder. FS Date: 7/25/2013 10:31:38 AM	39.344376 ° -122.031792 °	39.344376 ° -122.031792 °	289 Y
DWR ID: DWR_MA0001_01_f_2013_289										
284	11.51	11.51	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:9131 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine encroachment permit for this crossing. FIELD_STRUCT_DESC: 2 of 3: 24 inch discharge pipe through levee. Crossing is tied to existing Maxwell Irrigation District Pump Station located on waterward side. Siphon breaker inside CMP riser located on landward shoulder. FS Date: 10/30/2012	39.344390 ° -122.031787 °	39.344390 ° -122.031787 °	290
DWR ID: DWR_MA0001_01_f_2013_290										

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
285	11.51	11.51	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:16502 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine encroachment permit for this crossing.7/22/2013 Same as last inspection. FIELD_STRUCT_DESC: 2 of 3: 24 inch discharge pipe through levee. Crossing is tied to existing Maxwell Irrigation District Pump Station located on waterward side. Siphon breaker inside CMP riser located on landward shoulder. FS Date: 7/25/2013 10:32:27 AM	39.344390 ° -122.031787 °	39.344390 ° -122.031787 °	291
DWR ID: DWR_MA0001_01_f_2013_291										
286	11.51	11.51	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:16503 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine encroachment permit for this crossing.7/22/2013 Same as last inspection. FIELD_STRUCT_DESC: 3 of 3: 24 inch discharge pipe through levee. Crossing is tied to existing Maxwell Irrigation District Pump Station located on waterward side. Siphon breaker inside CMP riser located on landward shoulder. FS Date: 7/25/2013 10:32:57 AM	39.344400 ° -122.031785 °	39.344400 ° -122.031785 °	292
DWR ID: DWR_MA0001_01_f_2013_292										
287	11.51	11.51	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:9130 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine encroachment permit for this crossing. FIELD_STRUCT_DESC: 3 of 3: 24 inch discharge pipe through levee. Crossing is tied to existing Maxwell Irrigation District Pump Station located on waterward side. Siphon breaker inside CMP riser located on landward shoulder. FS Date: 10/30/2012	39.344400 ° -122.031785 °	39.344400 ° -122.031785 °	293
DWR ID: DWR_MA0001_01_f_2013_293										
288	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										

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

289	12.32	12.32	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:16504 EP_NO: 13449 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 11/2012 Buried line. No markers found; Need to contact PG&E to determine if crossing is still present. 12/2012 According to PG&E, their records indicate that pipe segment has been retired per dwgs. PG&E is finding additional information to confirm if crossing has been retired and method of retirement. Waiting for clarification from PG&E. 7/22/2013 Same as last inspection. FIELD_STRUCT_DESC: 4-inch gas pipeline through levee, 30-inches below crown. PG&E crossing is known as reference no. 167-6-13. (Permit No. 13449-1983, PG&E) Emergency contact Mr. Monte Penland, Gas Maintenance Supervisor, 15871 Central Street, Meridian, CA 95957; Office No. 530-634-6520 or Mobile No. 530-356-7396. Coordinates are approximate, FS Date: 7/25/2013 10:33:37 AM	39.355516 ° -122.028700 °	39.355516 ° -122.028700 °	294
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DWR ID: DWR_MA0001_01_f_2013_294

290	12.32	12.32	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:9183 EP_NO: 13449 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 11/2012 Buried line. No markers found; Need to contact PG&E to determine if crossing is still present. 12/2012 According to PG&E, their records indicate that pipe segment has been retired per dwgs. PG&E is finding additional information to confirm if crossing has been retired and method of retirement. Waiting for clarification from PG&E. FIELD_STRUCT_DESC: 4-inch gas pipeline through levee, 30-inches below crown. PG&E crossing is known as reference no. 167-6-13. (Permit No. 13449-1983, PG&E) Emergency contact Mr. Monte Penland, Gas Maintenance Supervisor, 15871 Central Street, Meridian, CA 95957; Office No. 530-634-6520 or Mobile No. 530-356-7396. Coordinates are approximate, FS Date: 10/30/2012	39.355516 ° -122.028700 °	39.355516 ° -122.028700 °	295
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DWR ID: DWR_MA0001_01_f_2013_295

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

291	12.32	12.32	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:9160 EP_NO: 13449 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 11/2012 No markers found; Need to contact PG&E to determine if crossing is still prevent. 12/2012 According to PG&E, records indicate that pipe segment has been retired per dwgs. PG&E is finding additional information to confirm if crossing has been retired and method of retirement. FIELD_STRUCT_DESC: 4-inch gas pipeline through levee, 30-inches below crown. PG&E crossing is known as reference no. 167-6-13. (Permit No. 13449-1983, PG&E) Emergency contact Monte Penland, Gas Maintenance Supervisor, 15871 Central Street, Meridian, CA 95957; Office No. 530-634-6520 or Mobile No. 530-356-7396. FS Date: 10/30/2012	39.355516 °	39.355516 °	296
								-122.028700 °	-122.028700 °	

DWR ID: DWR_MA0001_01_f_2013_296

292	12.33	13.38	Earthen Levee	Encroachments	LS	M En	DT : Ditch	39.355607 °	39.362600 °	4
								-122.028707 °	-122.014497 °	

DWR ID: DWR_MA0001_01_s_2012_4

293	12.96	12.96	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:16506 EP_NO: 9462 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Slide gate unoperable-blocked by sediment. LS-flap gate missing. 5-inch pipe goes through 24-inch crossing--unable to determine is authorized. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0435 for smaller pipe running inside existing crossing. 7/22/2013 Same as last inspection. FIELD_STRUCT_DESC: 24-inch corrugated metal pipe through levee. Slide gate on both ends. (ABO No. 9462-1974, Thousand Acre Ranch) FS Date: 7/25/2013 10:35:23 AM	39.359843 °	39.359843 °	297
								-122.019529 °	-122.019529 °	Y

DWR ID: DWR_MA0001_01_f_2013_297

294	12.96	12.96	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8589 EP_NO: 9462 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Slide gate unoperable-blocked by sediment. LS-flap gate missing. 5-inch pipe goes through 24-inch crossing--unable to determine is authorized. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0435 for smaller pipe running inside existing crossing. FIELD_STRUCT_DESC: 24-inch corrugated metal pipe through levee. Slide gate on both ends. (ABO No. 9462-1974, Thousand Acre Ranch) FS Date: 10/30/2012 8:38:00 AM	39.359843 °	39.359843 °	298
								-122.019529 °	-122.019529 °	

DWR ID: DWR_MA0001_01_f_2013_298

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
295	12.96	12.96	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8325 EP_NO: 9462 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Slide gate unoperable-blocked by sediment. LS-flap gate missing FIELD_STRUCT_DESC: 24-inch corrugated metal pipe through levee. Slide gate on both ends. (ABO No. 9462-1974, Thousand Acre Ranch) FS Date: 10/30/2012 8:38:00 AM	39.359843 ° -122.019529 °	39.359843 ° -122.019529 °	299
DWR ID: DWR_MA0001_01_f_2013_299										
296	12.96	12.96	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8324 EP_NO: 9462 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Slide gate unoperable-blocked by sediment. LS-flap gate missing FIELD_STRUCT_DESC: 24-inch corrugated metal pipe through levee. Slide gate on both ends. (ABO No. 9462-1974, Thousand Acre Ranch) FS Date: 10/30/2012 8:38:00 AM	39.359843 ° -122.019529 °	39.359843 ° -122.019529 °	300
DWR ID: DWR_MA0001_01_f_2013_300										
297	12.96	12.96	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8322 EP_NO: 9462 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Slide gate unoperable-blocked by sediment. FIELD_STRUCT_DESC: 24-inch corrugated metal pipe through levee. Slide gate on both ends. (ABO No. 9462-1974, Thousand Acre Ranch) FS Date: 10/30/2012 8:38:00 AM	39.359843 ° -122.019529 °	39.359843 ° -122.019529 °	301
DWR ID: DWR_MA0001_01_f_2013_301										
298	12.96	12.96	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7280 EP_NO: 9462 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch corrugated metal pipe through levee. Slide gate on both ends. (ABO No. 9462-1974, Thousand Acre Ranch) FS Date: 10/30/2012 8:38:41 AM	39.359843 ° -122.019529 °	39.359843 ° -122.019529 °	302
DWR ID: DWR_MA0001_01_f_2013_302										

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
299	12.96	12.96	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8124 EP_NO: 9462 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Waterward side covered with sediment-blocking slide gate. FIELD_STRUCT_DESC: 24-inch corrugated metal pipe through levee. Slide gate on both ends. (ABO No. 9462-1974, Thousand Acre Ranch) FS Date: 10/30/2012 8:38:00 AM	39.359843 ° -122.019529 °	39.359843 ° -122.019529 °	303
DWR ID: DWR_MA0001_01_f_2013_303										
300	12.96	12.96	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8321 EP_NO: 9462 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch corrugated metal pipe through levee. Slide gate on both ends. (ABO No. 9462-1974, Thousand Acre Ranch) FS Date: 10/30/2012 8:38:00 AM	39.359843 ° -122.019529 °	39.359843 ° -122.019529 °	304
DWR ID: DWR_MA0001_01_f_2013_304										
301	12.96	12.96	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8326 EP_NO: 9462 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Slide gate unoperable-blocked by sediment. LS-flap gate missing This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0435 for smaller pipe running inside existing crossing. FIELD_STRUCT_DESC: 24-inch corrugated metal pipe through levee. Slide gate on both ends. (ABO No. 9462-1974, Thousand Acre Ranch) FS Date: 10/30/2012 8:38:00 AM	39.359843 ° -122.019529 °	39.359843 ° -122.019529 °	305
DWR ID: DWR_MA0001_01_f_2013_305										
302	12.96	12.96	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8323 EP_NO: 9462 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Slide gate unoperable-blocked by sediment. LS-flap gate missing FIELD_STRUCT_DESC: 24-inch corrugated metal pipe through levee. Slide gate on both ends. (ABO No. 9462-1974, Thousand Acre Ranch) FS Date: 10/30/2012 8:38:00 AM	39.359843 ° -122.019529 °	39.359843 ° -122.019529 °	306
DWR ID: DWR_MA0001_01_f_2013_306										

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
303	13.38	13.38	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7281 EP_NO: 9462 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 18-inch steel pipe through the levee. Pump and gate valve in pump house on the landward side. (ABO No. 9462-1974, Thousand Acre Ranch) FS Date: 10/30/2012	39.362550 ° -122.014489 °	39.362550 ° -122.014489 °	307 Y
DWR ID: DWR_MA0001_01_f_2013_307										
304	13.38	13.38	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8125 EP_NO: 9462 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 18-inch steel pipe through the levee. Pump and gate valve in pump house on the landward side. (ABO No. 9462-1974, Thousand Acre Ranch) FS Date: 10/30/2012	39.362550 ° -122.014489 °	39.362550 ° -122.014489 °	308
DWR ID: DWR_MA0001_01_f_2013_308										
305	13.38	13.38	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8327 EP_NO: 9462 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0444 no issues recorded. NEED TO SEE WS CROSSING-ISSUES. FIELD_STRUCT_DESC: 18-inch steel pipe through the levee. Pump and gate valve in pump house on the landward side. (ABO No. 9462-1974, Thousand Acre Ranch) FS Date: 10/30/2012	39.362550 ° -122.014489 °	39.362550 ° -122.014489 °	309
DWR ID: DWR_MA0001_01_f_2013_309										
306	13.38	13.38	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8472 EP_NO: 9462 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0444 no issues recorded. NEED TO SEE WS CROSSING-ISSUES. FIELD_STRUCT_DESC: 14-inch steel pipe through the levee. Pump and gate valve in pump house on the landward side. (ABO No. 9462-1974, Thousand Acre Ranch) Permit calls for 18-inch pipe. FS Date: 10/30/2012	39.362556 ° -122.014484 °	39.362556 ° -122.014484 °	310
DWR ID: DWR_MA0001_01_f_2013_310										

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River		Right	17.12	11/19/2013 11/19/2013	Bob Duffey

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
307	13.56	13.56	Earthen Levee	Animal Control	LS Ma	A	A1 : Exterminate rodents and backfill and compact or grout burrows.	39.364843 ° -122.015617 °	39.364843 ° -122.015617 °	9 Y
DWR ID: DWR_MA0001_01_s_2012_9										
308	13.59	13.65	Earthen Levee	Animal Control	LS Ma	C	A1 : Exterminate rodents and backfill and compact or grout burrows.	39.365382 ° -122.015680 °	39.366147 ° -122.015570 °	472
DWR ID: DWR_MA0001_01_s_2012_472										
309	13.76	13.76	Supplemental	DWR UCIP Field Study	LS En	M	Inspector Comments: FS_ID:7284 EP_NO: 9461 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 36 inch corrugated metal pipe through levee, 21.5 feet below crown. Slide gate in concrete box on waterward end. Pump on the bank. (ABO No. 9461-1974, Annie D. Propfe) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 710+82). FS Date: 10/30/2012	39.367619 ° -122.015192 °	39.367619 ° -122.015192 °	311
DWR ID: DWR_MA0001_01_f_2013_311										
310	13.76	13.76	Supplemental	DWR UCIP Field Study	LS En	M	Inspector Comments: FS_ID:8140 EP_NO: 9461 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 36 inch corrugated metal pipe through levee, 21.5 feet below crown. Slide gate in concrete box on waterward end. Pump on the bank. (ABO No. 9461-1974, Annie D. Propfe) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 710+82). FS Date: 10/30/2012	39.367643 ° -122.015212 °	39.367643 ° -122.015212 °	312
DWR ID: DWR_MA0001_01_f_2013_312										
311	13.76	13.76	Supplemental	DWR UCIP Field Study	LS En	M	Inspector Comments: FS_ID:8329 EP_NO: 9461 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Unable to close positive closure device due to missing ladder-sluidge gate inaccessible. Need to determine the condition of the gate. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0453 for an inaccessible gate box with its ladder broken on the waterward side. FIELD_STRUCT_DESC: 36 inch corrugated metal pipe through levee, 21.5 feet below crown. Slide gate in concrete box on waterward end. Pump on the bank. (ABO No. 9461-1974, Annie D. Propfe) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 710+82). FS Date: 10/30/2012	39.367643 ° -122.015212 °	39.367643 ° -122.015212 °	313
DWR ID: DWR_MA0001_01_f_2013_313										

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

312	13.76	13.76	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8328 EP_NO: 9461 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Unable to close positive closure device due to missing ladder-sluid gate inaccessible. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0453 for an inaccessible gate box with its ladder broken on the waterward side. FIELD_STRUCT_DESC: 36 inch corrugated metal pipe through levee, 21.5 feet below crown. Slide gate in concrete box on waterward end. Pump on the bank. (ABO No. 9461-1974, Annie D. Propfe) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 710+82). FS Date: 10/30/2012	39.367643 °	39.367643 °	314
								-122.015212 °	-122.015212 °	

DWR ID: DWR_MA0001_01_f_2013_314

313	13.76	13.76	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7285 EP_NO: 9461 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 36 inch corrugated metal pipe through levee, 21.5 feet below crown. Slide gate in concrete box on waterward end. Pump on the bank. (ABO No. 9461-1974, Annie D. Propfe) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 710+82). FS Date: 10/30/2012	39.367643 °	39.367643 °	315
								-122.015212 °	-122.015212 °	

DWR ID: DWR_MA0001_01_f_2013_315

314	13.76	13.76	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:8592 EP_NO: 9461 Repair Type: Urgent Crossing Status: Found UCIP Comments: Unable to close positive closure device due to missing ladder-sluid gate inaccessible. Need to determine the condition of the gate. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0453 for an inaccessible gate box with its ladder broken on the waterward side. FIELD_STRUCT_DESC: 36 inch corrugated metal pipe through levee, 21.5 feet below crown. Slide gate in concrete box on waterward end. Pump on the bank. (ABO No. 9461-1974, Annie D. Propfe) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 710+82). FS Date: 10/30/2012	39.367643 °	39.367643 °	316
								-122.015212 °	-122.015212 °	Y

DWR ID: DWR_MA0001_01_f_2013_316

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

315	13.76	13.76	Supplemental	DWR UCIP Field Study	LS	U En	Inspector Comments: FS_ID:16511 EP_NO: 9461 Repair Type: Urgent Crossing Status: Found UCIP Comments: Unable to close positive closure device due to missing ladder-sluidе gate inaccessible. Need to determine the condition of the gate. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0453 for an inaccessible gate box with its ladder broken on the waterward side. 7/22/2013 Same as last inspection. FIELD_STRUCT_DESC: 36 inch corrugated metal pipe through levee, 21.5 feet below crown. Slide gate in concrete box on waterward end. Pump on the bank. (ABO No. 9461-1974, Annie D. Propfe) This entry matches the Drainage and Irrigation Structure referenced in O&M manual (Station 710+82). FS Date: 7/25/2013 10:38:37 AM	39.367643 ° -122.015212 °	39.367643 ° -122.015212 °	317
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DWR ID: DWR_MA0001_01_f_2013_317

316	14.08	14.08	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7297 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Slide gate is buried-non-fuctional. FIELD_STRUCT_DESC: Abandoned 36-inch corrugated metal pipe through levee. Slide gate on waterward end. (Davis Ranches) FS Date: 10/30/2012	39.371934 ° -122.012945 °	39.371934 ° -122.012945 °	318
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DWR ID: DWR_MA0001_01_f_2013_318

317	14.08	14.08	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8141 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Slide gate is buried-non-fuctional. FIELD_STRUCT_DESC: Abandoned 36-inch corrugated metal pipe through levee. Slide gate on waterward end. (Davis Ranches) FS Date: 10/30/2012	39.371934 ° -122.012945 °	39.371934 ° -122.012945 °	319 Y
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DWR ID: DWR_MA0001_01_f_2013_319

318	14.08	14.08	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8330 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Slide gate is buried-non-fuctional. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0457 for buried slide gate. FIELD_STRUCT_DESC: Abandoned 36-inch corrugated metal pipe through levee. Slide gate on waterward end. (Davis Ranches) FS Date: 10/30/2012	39.371934 ° -122.012945 °	39.371934 ° -122.012945 °	320
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DWR ID: DWR_MA0001_01_f_2013_320

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway			Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River			Right	17.12	11/19/2013 11/19/2013	Bob Duffey

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
319	14.08	14.08	Supplemental	DWR UCIP Field Study	LS	M	Inspector Comments: FS_ID:16513 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Slide gate is buried-non-fuctional. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0457 for buried slide gate.7/22/2013 Same as last inspection. FIELD_STRUCT_DESC: Abandoned 36-inch corrugated metal pipe through levee. Slide gate on waterward end. (Davis Ranches) FS Date: 7/25/2013 10:39:58 AM	39.371934 °	39.371934 °	321
						En		-122.012945 °	-122.012945 °	
								DWR ID: DWR_MA0001_01_f_2013_321		
320	14.08	14.08	Supplemental	DWR UCIP Field Study	LS	M	Inspector Comments: FS_ID:7286 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Slide gate is buried-non-fuctional. FIELD_STRUCT_DESC: Abandoned 36-inch corrugated metal pipe through levee. Slide gate on waterward end. (Davis Ranches) FS Date: 10/18/2012	39.371934 °	39.371934 °	322
						En		-122.012945 °	-122.012945 °	
								DWR ID: DWR_MA0001_01_f_2013_322		
321	14.59	14.59	Supplemental	DWR UCIP Field Study	LS	M	Inspector Comments: FS_ID:8142 EP_NO: 9460 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Abandoned concrete box on WS berm FIELD_STRUCT_DESC: 18-inch steel pipe through levee. Gate valve on the waterward end. Pump house on the waterward berm. Concrete distribution box and flap gate at the landward toe. (ABO No. 9460-1974, Morici Corporation) FS Date: 10/30/2012	39.378568 °	39.378568 °	323
						En		-122.013262 °	-122.013262 °	
								DWR ID: DWR_MA0001_01_f_2013_323		
322	14.59	14.59	Supplemental	DWR UCIP Field Study	LS	M	Inspector Comments: FS_ID:16515 EP_NO: 9460 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine if crossing is still being used there are some abandoned features that remain at this crossing--crossing has been modified. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0464 for abandoned pump station.7/22/2013 Same as last inspection. FIELD_STRUCT_DESC: 18-inch steel pipe through levee. Gate valve on the waterward end. Pump house on the waterward berm. Concrete distribution box and flap gate at the landward toe. (ABO No. 9460-1974, Morici Corporation) FS Date: 7/25/2013 10:41:11 AM	39.378568 °	39.378568 °	324
						En		-122.013262 °	-122.013262 °	
								DWR ID: DWR_MA0001_01_f_2013_324		

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

323	14.59	14.59	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7298 EP_NO: 9460 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Abandoned concrete box on WS berm FIELD_STRUCT_DESC: 18-inch steel pipe through levee. Gate valve on the waterward end. Pump house on the waterward berm. Concrete distribution box and flap gate at the landward toe. (ABO No. 9460-1974, Morici Corporation) FS Date: 10/30/2012	39.378568 °	39.378568 °	325	
								-122.013262 °	-122.013262 °		
								DWR ID: DWR_MA0001_01_f_2013_325			

324	14.59	14.59	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8593 EP_NO: 9460 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine if crossing is still being used there are some abandoned features that remain at this crossing--crossing has been modified. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0464 for abandoned pump station. FIELD_STRUCT_DESC: 18-inch steel pipe through levee. Gate valve on the waterward end. Pump house on the waterward berm. Concrete distribution box and flap gate at the landward toe. (ABO No. 9460-1974, Morici Corporation) FS Date: 10/30/2012	39.378568 °	39.378568 °	326	
								-122.013262 °	-122.013262 °	Y	
								DWR ID: DWR_MA0001_01_f_2013_326			

325	14.59	14.59	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8331 EP_NO: 9460 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine if crossing is still being used there are some abandoned features that remain at this crossing--crossing has been modified. This crossing was listed in the USACE Periodic Inspections as ID# USACE_CESPK_MA1C_2010_p_0464 for abandoned pump station . FIELD_STRUCT_DESC: 18-inch steel pipe through levee. Gate valve on the waterward end. Pump house on the waterward berm. Concrete distribution box and flap gate at the landward toe. (ABO No. 9460-1974, Morici Corporation) FS Date: 10/30/2012	39.378568 °	39.378568 °	327	
								-122.013262 °	-122.013262 °		
								DWR ID: DWR_MA0001_01_f_2013_327			

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

LMR No.	Levee Mile		Category	Item	* Location	+ Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
326	14.59	14.59	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:7287 EP_NO: 9460 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Abandoned concrete box on WS berm FIELD_STRUCT_DESC: 18-inch steel pipe through levee. Gate valve on the waterward end. Pump house on the waterward berm. Concrete distribution box and flap gate at the landward toe. (ABO No. 9460-1974, Morici Corporation) FS Date: 10/18/2012	39.378568 ° -122.013262 °	39.378568 ° -122.013262 °	328
DWR ID: DWR_MA0001_01_f_2013_328										
327	16.43	16.43	Earthen Levee	Encroachments	WS	U En	BU : Building	39.403930 ° -122.008925 °	39.403930 ° -122.008925 °	14
DWR ID: DWR_MA0001_01_s_2012_14										
328	16.45	16.45	Earthen Levee	Encroachments	LS	U En	BU : Building	39.404135 ° -122.008797 °	39.404135 ° -122.008797 °	26
DWR ID: DWR_MA0001_01_s_2012_26										
329	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:										
330	16.65	16.68	Earthen Levee	Encroachments	LS	M En	BU : Building	39.407066 ° -122.008730 °	39.407363 ° -122.008780 °	15
DWR ID: DWR_MA0001_01_s_2012_15										
331	16.66	16.69	Earthen Levee	Encroachments	LS	U En	BU : Building	39.407225 ° -122.008570 °	39.407545 ° -122.008640 °	46
DWR ID: DWR_MA0001_01_s_2012_46										
332	16.70	16.71	Earthen Levee	Encroachments	LS	U En	FE : Fence	39.407670 ° -122.008685 °	39.407823 ° -122.008740 °	47
DWR ID: DWR_MA0001_01_s_2012_47										

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

333	16.85	16.85	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:16517 EP_NO: 2189 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 11/2012 Buried line--no markers visible. Olivia (UCIP team) is coordinating with PG&E to determine more info on crossing. 12/2012 Crossing is an active line. Waiting for additional information from PG&E. 7/22/2013 Same as last inspection. FIELD_STRUCT_DESC: 2-inch gas line along landward toe from 12-inch gas line at levee mile 16.85 to the Princeton Rice Dryer. 2-inch pipeline installed longitudinally on the levee parallel to HWY 45 in a northerly direction from the point where the 2-10-inch pipes were installed in the levee. (Permit No. 2189-1958, PG&E) Emergency contact Mr. Monte Penland, Gas Maintenance Supervisor, 15871 Central Street, Meridian, CA 95957; Office No. 530-634-6520 or Mobile No. 530-356-7396. Utility crossing coordinates are approximate. FS Date: 7/25/2013 10:45:14 AM	39.409758 ° -122.009562 °	39.409758 ° -122.009562 °	329
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DWR ID: DWR_MA0001_01_f_2013_329

334	16.85	16.85	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:9187 EP_NO: 2189 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 11/2012 Buried line--no markers visible. Olivia (UCIP team) is coordinating with PG&E to determine more info on crossing. 12/2012 Crossing is an active line. Waiting for additional information from PG&E. FIELD_STRUCT_DESC: 2-inch gas line along landward toe from 12-inch gas line at levee mile 16.85 to the Princeton Rice Dryer. 2-inch pipeline installed longitudinally on the levee parallel to HWY 45 in a northerly direction from the point where the 2-10-inch pipes were installed in the levee. (Permit No. 2189-1958, PG&E) Emergency contact Mr. Monte Penland, Gas Maintenance Supervisor, 15871 Central Street, Meridian, CA 95957; Office No. 530-634-6520 or Mobile No. 530-356-7396. Utility crossing coordinates are approximate. FS Date: 11/14/2012	39.409758 ° -122.009562 °	39.409758 ° -122.009562 °	330
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DWR ID: DWR_MA0001_01_f_2013_330

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

335	16.85	16.85	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:9190 EP_NO: 2189 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 11/2012 Buried line--no markers visible. Olivia (UCIP team) is coordinating with PG&E to determine more info on crossing. 12/2012 Crossing is an active line. Waiting for additional information from PG&E. FIELD_STRUCT_DESC: 2-inch gas line along landward toe from 12-inch gas line at levee mile 16.85 to the Princeton Rice Dryer. 2-inch pipeline installed longitudinally on the levee parallel to HWY 45 in a northerly direction from the point where the 2-10-inch pipes were installed in the levee. (Permit No. 2189-1958, PG&E) Emergency contact Mr. Monte Penland, Gas Maintenance Supervisor, 15871 Central Street, Meridian, CA 95957; Office No. 530-634-6520 or Mobile No. 530-356-7396. Utility crossing coordinates are approximate. FS Date: 11/14/2012	39.409758 °	39.409758 °	331
								-122.009562 °	-122.009562 °	
DWR ID: DWR_MA0001_01_f_2013_331										

336	16.91	16.91	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:9249 EP_NO: 14424 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 11/2012 Utility warning sign damaged. Olivia (UCIP team) is coordinating with PG&E to determine more info on crossing. 12/2012 Waiting for information regarding crossing from PG&E. Regarding damage warning sign--PG&E has initiated a project to replace pipeline crossing sign and utility markers, as required by DOT codes/regulations. FIELD_STRUCT_DESC: 12-inch gas pipeline through levee, 30-inches below crown. This 12-inch replacement pipe was installed by horizontally directionally drilling under the State HWY. Crossing is cathodically protected against external corrosion. (Permit No. 14424-1988, PG&E) Emergency contact Monte Penland, Gas Maintenance Supervisor, 15871 Central Street, Meridian, CA 95957; Office No. 530-634-6520 or Mobile No. 530-356-7396. Utility crossing coordinates are approximate. This pipe is under pressure and cathodic protection (CP) readings are taken on a regular schedule. FS Date: 11/14/2012	39.410645 °	39.410645 °	332
								-122.009705 °	-122.009705 °	
DWR ID: DWR_MA0001_01_f_2013_332										

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

337	16.91	16.91	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:9184 EP_NO: 14424 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 11/2012 Buried line. Utility warning sign damaged. Olivia (UCIP team) is coordinating with PG&E to determine more info on crossing. 12/2012 This pipe is under pressure and cathodic protection (CP) readings are taken on a regular schedule. Waiting for information regarding crossing from PG&E. Regarding damage warning sign--PG&E has initiated a project to replace pipeline crossing sign and utility markers, as required by DOT codes/regulations. FIELD_STRUCT_DESC: 12-inch gas pipeline through levee, 30-inches below crown. This 12-inch replacement pipe was installed by horizontally directionally drilling under the State HWY. Crossing is cathodically protected against external corrosion. (Permit No. 14424-1988, PG&E) Emergency contact Monte Penland, Gas Maintenance Supervisor, 15871 Central Street, Meridian, CA 95957; Office No. 530-634-6520 or Mobile No. 530-356-7396. Utility crossing coordinates are approximate. FS Date: 11/14/2012	39.410645 ° -122.009705 °	39.410645 ° -122.009705 °	333
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DWR ID: DWR_MA0001_01_f_2013_333

338	16.91	16.91	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:9159 EP_NO: 14424 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 11/2012 No markers visible. Olivia (UCIP team) is coordinating with PG&E to determine more info on crossing. 12/2012 This pipe is under pressure and cathodic protection (CP) readings are taken on a regular schedule. Pending information from PG&E. FIELD_STRUCT_DESC: 12-inch gas pipeline through levee, 30-inches below crown. This 12-inch replacement pipe was installed by horizontally directionally drilling under the State HWY. Crossing is cathodically protected against external corrosion. (Permit No. 14424-1988, PG&E) FS Date: 11/14/2012	39.410645 ° -122.009705 °	39.410645 ° -122.009705 °	334
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DWR ID: DWR_MA0001_01_f_2013_334

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
339	16.91	16.91	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:9151 EP_NO: 14424 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 11/2012 No markers visible. Olivia (UCIP team) is coordinating with PG&E to determine more info on crossing.12/2012 This pipe is under pressure and cathodic protection (CP) readings are taken on a regular schedule. FIELD_STRUCT_DESC: 12-inch gas pipeline through levee, 30-inches below crown. This 12-inch replacement pipe was installed by horizontally directionally drilling under the State HWY. Crossing is cathodically protected against external corrosion. (Permit No. 14424-1988, PG&E) FS Date: 11/14/2012	39.410645 ° -122.009705 °	39.410645 ° -122.009705 °	335
DWR ID: DWR_MA0001_01_f_2013_335										
340	16.91	16.91	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8475 EP_NO: 14424 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: PG&E has been contacted to repair fallen utility markers on waterward side. FIELD_STRUCT_DESC: 12-inch gas pipeline through levee, 30-inches below crown. (Permit No. 14424-1988, PG&E) FS Date: 11/14/2012	39.410645 ° -122.009705 °	39.410645 ° -122.009705 °	336
DWR ID: DWR_MA0001_01_f_2013_336										
341	16.91	16.91	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:8597 EP_NO: 14424 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: PG&E has been contacted to repair fallen utility markers on waterward side. Olivia (UCIP team) is coordinating with PG&E to determine more info on crossing. FIELD_STRUCT_DESC: 12-inch gas pipeline through levee, 30-inches below crown. (Permit No. 14424-1988, PG&E) FS Date: 11/14/2012	39.410645 ° -122.009705 °	39.410645 ° -122.009705 °	337
DWR ID: DWR_MA0001_01_f_2013_337										

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

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

342	16.91	16.91	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:16520 EP_NO: 14424 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 11/2012 Utility warning sign damaged. Olivia (UCIP team) is coordinating with PG&E to determine more info on crossing. 12/2012 Waiting for information regarding crossing from PG&E. Regarding damage warning sign--PG&E has initiated a project to replace pipeline crossing sign and utility markers, as required by DOT codes/regulations.7/22/2013 Same as last inspection. FIELD_STRUCT_DESC: 12-inch gas pipeline through levee, 30-inches below crown. This 12-inch replacement pipe was installed by horizontally directionally drilling under the State HWY. Crossing is cathodically protected against external corrosion. (Permit No. 14424-1988, PG&E) Emergency contact Monte Penland, Gas Maintenance Supervisor, 15871 Central Street, Meridian, CA 95957; Office No. 530-634-6520 or Mobile No. 530-356-7396. Utility crossing coordinates are approximate. This pipe is under pressure and cathodic protection (CP) readings are taken on a regular schedule. FS Date: 7/25/2013 10:47:00 AM	39.410645 ° -122.009705 °	39.410645 ° -122.009705 °	338 Y
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DWR ID: DWR_MA0001_01_f_2013_338

343	16.91	16.91	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:9162 EP_NO: 14424 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 11/2012 No markers visible. Olivia (UCIP team) is coordinating with PG&E to determine more info on crossing.12/2012 This pipe is under pressure and cathodic protection (CP) readings are taken on a regular schedule. Pending information from PG&E. FIELD_STRUCT_DESC: 12-inch gas pipeline through levee, 30-inches below crown. This 12-inch replacement pipe was installed by horizontally directionally drilling under the State HWY. Crossing is cathodically protected against external corrosion. (Permit No. 14424-1988, PG&E) Emergency contact Monte Penland, Gas Maintenance Supervisor, 15871 Central Street, Meridian, CA 95957; Office No. 530-634-6520 or Mobile No. 530-356-7396. FS Date: 11/14/2012	39.410645 ° -122.009705 °	39.410645 ° -122.009705 °	339
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DWR ID: DWR_MA0001_01_f_2013_339

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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	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_f_20130919_739.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_f_20130919_743.jpg	



Levee Mile Report Line	18
Start Levee Mile	1.20
End Levee Mile	1.20
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study
Other appurtances associated with crossing- Structure, pump, distribution box, and power pole located on WS bank.	
UCIP_4869.jpg	



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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

Levee Mile Report Line	21
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_f_20130919_742.jpg



Levee Mile Report Line	25
Start Levee Mile	1.96
End Levee Mile	1.96
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study

CMP riser located on waterward slope.

UCIP_3705.jpg



Levee Mile Report Line	39
Start Levee Mile	2.03
End Levee Mile	2.03
Location	Land Side
Category	Earthen Levee
Item	Animal Control

View of the grouted rodent holes and the bait station.

rduffey_f_20131122_179.JPG



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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

Levee Mile Report Line	45
Start Levee Mile	2.28
End Levee Mile	2.28
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study

View of waterward side looking at slope and channel.

UCIP_5384.jpg



Levee Mile Report Line	54
Start Levee Mile	2.30
End Levee Mile	2.30
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study

View of waterward slope and toe.

UCIP_4905.jpg



Levee Mile Report Line	55
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_f_20130919_754.jpg



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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

Levee Mile Report Line	56
Start Levee Mile	2.66
End Levee Mile	2.70
Location	Land Side
Category	Earthen Levee
Item	Animal Control

View of the grouted rodent holes.

rduffey_f_20131122_180.JPG



Levee Mile Report Line	60
Start Levee Mile	2.87
End Levee Mile	2.87
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study

View of concrete distribution box and headwall located on waterward side.

UCIP_4917.jpg



Levee Mile Report Line	70
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_f_20130919_741.jpg



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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

Levee Mile Report Line	74
Start Levee Mile	3.40
End Levee Mile	3.40
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study
View of waterward slope, riser with slide gate, and outlet.	
UCIP_4232.jpg	



Levee Mile Report Line	82
Start Levee Mile	3.76
End Levee Mile	3.76
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study
Overview of levee crown looking upstream at crossing.	
UCIP_4943.jpg	



Levee Mile Report Line	87
Start Levee Mile	3.79
End Levee Mile	3.79
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study
Concrete distribution box located on landward side.	
UCIP_4241.jpg	



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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

Levee Mile Report Line	100
Start Levee Mile	3.85
End Levee Mile	3.85
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study
View of crossing looking upstream. Concrete box located on the waterward side.	
UCIP_9277.jpg	



Levee Mile Report Line	108
Start Levee Mile	3.87
End Levee Mile	3.87
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study
Levee crown looking downstream. No appurtances visible on levee crown or slope.	
UCIP_4247.jpg	



Levee Mile Report Line	109
Start Levee Mile	3.96
End Levee Mile	3.96
Location	Land Side
Category	Earthen Levee
Item	Vegetation
View of the elderberry on the landside slope.	
rduffey_f_20131122_181.JPG	



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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

Levee Mile Report Line	112
Start Levee Mile	4.04
End Levee Mile	4.04
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study
View of waterward slope with concrete structure.	
UCIP_4250.jpg	



Levee Mile Report Line	119
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_f_20130919_759.jpg	



Levee Mile Report Line	122
Start Levee Mile	4.75
End Levee Mile	4.75
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study
Riser with slide gate located on waterward toe.	
UCIP_9303.jpg	



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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

Levee Mile Report Line	127
Start Levee Mile	5.00
End Levee Mile	5.38
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #1	
USACE2013_SAC_151-0_R_1.jpg	



Levee Mile Report Line	127
Start Levee Mile	5.00
End Levee Mile	5.38
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #2	
USACE2013_SAC_151-0_R_2.jpg	



Levee Mile Report Line	127
Start Levee Mile	5.00
End Levee Mile	5.38
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #3	
USACE2013_SAC_151-0_R_3.jpg	



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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

Levee Mile Report Line	127
Start Levee Mile	5.00
End Levee Mile	5.38
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #4	
USACE2013_SAC_151-0_R_4.jpg	



Levee Mile Report Line	128
Start Levee Mile	5.08
End Levee Mile	5.08
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study
View of levee crown looking downstream at crossing.	
UCIP_9306.jpg	



Levee Mile Report Line	136
Start Levee Mile	5.84
End Levee Mile	5.84
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study
View of waterward slope and access road. Slide gate is second crossing at this location.	
UCIP_4614.jpg	



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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

Levee Mile Report Line	152
Start Levee Mile	5.90
End Levee Mile	5.90
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study
CMP riser and v-ditch located on landward toe.	
UCIP_3902.jpg	



Levee Mile Report Line	157
Start Levee Mile	6.37
End Levee Mile	6.37
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study
CMP riser located on waterward slope.	
UCIP_3926.jpg	



Levee Mile Report Line	159
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_f_20130919_740.jpg	



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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

Levee Mile Report Line	163
Start Levee Mile	6.54
End Levee Mile	6.54
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study

View of structure located in landward side.

UCIP_3928.jpg



Levee Mile Report Line	167
Start Levee Mile	6.85
End Levee Mile	6.85
Location	Land Side
Category	Earthen Levee
Item	Animal Control

View of the levee with no rodent holes.

rduffey_f_20130919_760.JPG



Levee Mile Report Line	176
Start Levee Mile	7.14
End Levee Mile	7.14
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study

Only 1 slide gate remains, 2nd slide gate has been removed.

UCIP_4625.jpg



<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p> <p>N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain</p>	<p>+ Issue Type</p> <p>Ma : Maintenance Deficiency Ob : Design & 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 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

Levee Mile Report Line	185
Start Levee Mile	7.42
End Levee Mile	7.42
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study

View of landward side.

UCIP_4343.jpg



Levee Mile Report Line	195
Start Levee Mile	7.74
End Levee Mile	7.74
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study

View of landward side with appurtenances present on levee shoulder.

UCIP_3968.jpg



Levee Mile Report Line	198
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_f_20130919_755.jpg



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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

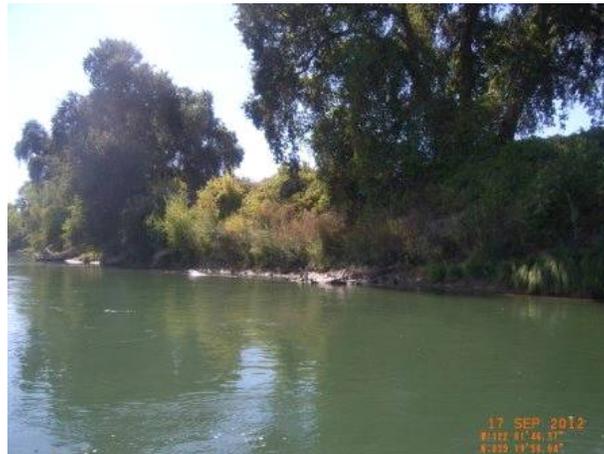
Levee Mile Report Line	200
Start Levee Mile	9.11
End Levee Mile	9.11
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study
Overview of levee crown looking downstream at crossing.	
UCIP_4645.jpg	



Levee Mile Report Line	204
Start Levee Mile	9.54
End Levee Mile	9.54
Location	Land Side
Category	Earthen Levee
Item	Animal Control
View of the grouted rodent holes and the bait station.	
rduffey_f_20131122_182.JPG	



Levee Mile Report Line	205
Start Levee Mile	10.30
End Levee Mile	10.38
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #1	
USACE2013_SAC_157-7_R_1.jpg	



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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

Levee Mile Report Line	205
Start Levee Mile	10.30
End Levee Mile	10.38
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #2	
USACE2013_SAC_157-7_R_2.jpg	



Levee Mile Report Line	205
Start Levee Mile	10.30
End Levee Mile	10.38
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #3	
USACE2013_SAC_157-7_R_3.jpg	



Levee Mile Report Line	213
Start Levee Mile	10.31
End Levee Mile	10.31
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study
Overview of levee crown looking upstream. This crossing is located near the concrete distribution box.	
UCIP_4001.jpg	



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

Levee Mile Report Line	214
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_f_20130919_753.jpg	



Levee Mile Report Line	238
Start Levee Mile	11.25
End Levee Mile	11.25
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study
View of abandoned structure located on waterward side (inside ring levee).	
UCIP_5369.jpg	



Levee Mile Report Line	258
Start Levee Mile	11.43
End Levee Mile	11.43
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study
View of concrete distribution box located on landward toe.	
UCIP_4836.jpg	



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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

Levee Mile Report Line	279
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_f_20130919_756.jpg



Levee Mile Report Line	283
Start Levee Mile	11.51
End Levee Mile	11.51
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study

Pump station located on waterward side.

UCIP_9435.jpg



Levee Mile Report Line	293
Start Levee Mile	12.96
End Levee Mile	12.96
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study

Overview of levee crown looking downstream at crossing.

UCIP_9452.jpg



<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p> <p>N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain</p>	<p>+ Issue Type</p> <p>Ma : Maintenance Deficiency Ob : Design & 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 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

Levee Mile Report Line	303
Start Levee Mile	13.38
End Levee Mile	13.38
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study
Pump house and gate valve visible on landward side.	
UCIP_4064.jpg	



Levee Mile Report Line	307
Start Levee Mile	13.56
End Levee Mile	13.56
Location	Land Side
Category	Earthen Levee
Item	Animal Control
View of the grouted rodent holes.	
rduffey_f_20131122_187.JPG	



Levee Mile Report Line	314
Start Levee Mile	13.76
End Levee Mile	13.76
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study
View of landward side looking downstream at crossing.	
UCIP_4965.jpg	



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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

Levee Mile Report Line	317
Start Levee Mile	14.08
End Levee Mile	14.08
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study

Slide gate buried-non-functional.

UCIP_4085.jpg



Levee Mile Report Line	324
Start Levee Mile	14.59
End Levee Mile	14.59
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study

Concrete distribution box located on landward toe.

UCIP_4968.jpg



Levee Mile Report Line	329
Start Levee Mile	16.49
End Levee Mile	16.69
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1

USACE2013_SAC_164-3_R_1.jpg



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

Levee Inspection Report By Mile - Fall 2013

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	17.12	11/19/2013 11/19/2013	Bob Duffey

Levee Mile Report Line	329
Start Levee Mile	16.49
End Levee Mile	16.69
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

USACE2013_SAC_164-3_R_2.jpg



Levee Mile Report Line	329
Start Levee Mile	16.49
End Levee Mile	16.69
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #3

USACE2013_SAC_164-3_R_3.jpg



Levee Mile Report Line	342
Start Levee Mile	16.91
End Levee Mile	16.91
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study

Damage marker located on waterward slope.

UCIP_9468.jpg



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