

**Flood Control Project Maintenance
Levee Inspections**

**Fall 2015 Levee Maintenance Deficiency Summary Report
Overall LMA & Unit Ratings, including USACE Erosion Survey**

Sacramento River Basin

LD0001S Levee District No. 0001 (Sutter County)	Overall LMA Rating	Total LMA Miles	* Overall LMA Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall LMA Rating is M instead of A.					
	M *	16.11						
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		0.02	0.08	0.50%	0.03			
Trim / Thin Trees	0.01		0.01	0.06%				
Encroachments	0.04		0.04	0.25%	0.66			
Slope Stability	0.02		0.02	0.12%				
<i>Interior Drainage & Piping Systems</i>								
Metal Pipes	0.01		0.01	0.06%				
<i>Supplemental</i>								
DWR UCIP Field Study					0.12	0.02		
<i>LMA Totals:</i>	0.08	0.02	0.16	0.99% *	0.81	0.02	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2015 Levee Inspection Results

Levee District No. 0001 (Sutter County)

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

** 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 2015 Levee Inspection Results

Levee District No. 0001 (Sutter County)

Waterway		Bank	Unit Miles	
Unit No. 01 Feather River		Right	16.11	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			M	
Date of Inspection	05/20/2015 - 05/20/2015		11/12/2015 - 11/12/2015	
DWR Inspector	Michael Pitta		Keith Millard	
Accompanied By	Sean Mineard		Sean Mineard	

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 2015

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	11/12/2015 11/12/2015	Keith Millard

LM Start		Rating **	A	Issue No.	4
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals		°	°	°
DWR ID	DWR_LD0001S_01_s _ 2013_4				
Action/Comments					
Inspector Comments: Sean stated that the O&M manuals are stored at the district office at 243 2nd st, Yuba City, CA.					

No Photos

LM Start		Rating **	A	Issue No.	5
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment		°	°	°
DWR ID	DWR_LD0001S_01_s _ 2013_5				
Action/Comments					
Inspector Comments: Supplies and flood fight equipment are stored at the district office. They also went in with RD784 in their large stockpile of flood fight supplies located in their district.					

No Photos

LM Start		Rating **	A	Issue No.	6
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training		°	°	°
DWR ID	DWR_LD0001S_01_s _ 2013_6				
Action/Comments					
Inspector Comments: Sean stated that he and the district employees attend the Flood Fight class put on by DWR and RD784 annually.					

No Photos

* Location LS : Land Side N/A : Not Applicable 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 2015

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	11/12/2015 11/12/2015	Keith Millard

LM Start	0.35	Rating **	M	Issue No.	8
LM End	0.35	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.955946 °	38.955946 °	
			-121.585517 °	-121.585517 °	
DWR ID	DWR_LD0001S_01_f_2012_8				
Action/Comments					
Pole Inspector Comments: Power pole set on landward levee slope. Spring 2014.					

Photo 1 of 1 : FA_2015_LD0001S_433_8_20151106_00001.jpg



This photo was taken from the crown of the levee facing north looking at a power pole set in the landward levee slope. Spring 2014

LM Start	0.36	Rating **	M	Issue No.	490
LM End	0.36	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.956192 °	38.956192 °	
			-121.585510 °	-121.585510 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41624 DS_ID:18653 EP_NO: 4667 FS_HLM: 0.351 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Abandoned crossing. Concrete box on both sides found. Pipe remainings are found on WS. FIELD_STRUCT_DESC: Abandoned crossing. Concrete box on both sides found. Pipe remainings are found on WS after the removal of 40 feet of 36" steel pipe from a spur levee and 20 feet of 36" steel pipe from the landside slope of Feather River Levee. Pipe depth 10.0 ft below crown. Application No. 4667, 1964.O&M Manual Sac 144, August 1955, Revision Year 2011. FS Date: 04/12/2013					

Photo 1 of 3 : UCIP_FA_2015_0446.jpg



WS- abandoned pipe near power pole (top)

* Location LS : Land Side N/A : Not Applicable 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 2015

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	11/12/2015 11/12/2015	Keith Millard

LM Start	0.36	Rating **	M	Issue No.	490 (cont)
LM End	0.36	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.956192 °	38.956192 °
				-121.585510 °	-121.585510 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41624 DS_ID:18653 EP_NO: 4667 FS_HLM: 0.351 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Abandoned crossing. Concrete box on both sides found. Pipe remainings are found on WS. FIELD_STRUCT_DESC: Abandoned crossing. Concrete box on both sides found. Pipe remainings are found on WS after the removal of 40 feet of 36" steel pipe from a spur levee and 20 feet of 36" steel pipe from the landside slope of Feather River Levee. Pipe depth 10.0 ft below crown. Application No. 4667, 1964.O&M Manual Sac 144, August 1955, Revision Year 2011. FS Date: 04/12/2013					

Photo 2 of 3 : UCIP_FA_2015_0447.jpg



WS- abandoned pipe near power pole (right)

Photo 3 of 3 : UCIP_FA_2015_0448.jpg



Crown view- overview of both sides of the levee

* Location LS : Land Side N/A : Not Applicable 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 2015

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	11/12/2015 11/12/2015	Keith Millard

LM Start	0.68	Rating **	M	Issue No.	13
LM End	0.68	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.960772 °	38.960772 °	
			-121.585943 °	-121.585943 °	
DWR ID	DWR_LD0001S_01_f_2015_13				
Action/Comments					
Equipment Inspector Comments: backhoe burned at toe of levee					



LM Start	1.12	Rating **	M	Issue No.	14
LM End	1.12	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.966868 °	38.966868 °	
			-121.587230 °	-121.587230 °	
DWR ID	DWR_LD0001S_01_f_2015_14				
Action/Comments					
Prunings					



LM Start	1.85	Rating **	M	Issue No.	487
LM End	1.85	Issue Type +	Ma	Location *	LS
Category	Interior Drainage & Piping Systems		GPS Latitude/Longitude		
			Start	End	
Item	Metal Pipes		38.976927 °	38.976927 °	
			-121.591210 °	-121.591210 °	
DWR ID	DWR_LD0001S_01_s_2012_487				
Action/Comments					
Inspector Comments: Abandoned pipe. This pipe is listed in our levee log as an abandoned pipe, no date listed. No permit number. Corp pipe.					



View of the pipe on the landside of the levee from the crown.

* Location LS : Land Side N/A : Not Applicable 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 2015

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	11/12/2015 11/12/2015	Keith Millard

LM Start	1.85	Rating **	M	Issue No.	487 (cont)
LM End	1.85	Issue Type +	Ma	Location *	LS
Category	Interior Drainage & Piping Systems		GPS Latitude/Longitude		
			Start	End	
Item	Metal Pipes		38.976927 °	38.976927 °	
			-121.591210 °	-121.591210 °	
DWR ID	DWR_LD0001S_01_s_2012_487				
Action/Comments					
Inspector Comments: Abandoned pipe. This pipe is listed in our levee log as an abandoned pipe, no date listed. No permit number. Corp pipe.					

Photo 2 of 2 : FA_2015_LD0001S_433_487_20151106_00004.jpg



View of the pipe on the waterside of the levee from the crown facing upstream.

LM Start	2.21	Rating **	M	Issue No.	491
LM End	2.21	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.982135 °	38.982135 °	
			-121.591974 °	-121.591974 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:11383 DS_ID:17915 EP_NO: N/A FS_HLM: 2.1984 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Siphon breaker cap missing. Sump pump and gate valve at landward toe not found may be due to dense vegetation. FIELD_STRUCT_DESC: A 8-inch steel pipe through levee, 4.6-feet below the crown. Siphon breaker in corrugated metal riser on landward slope.O&M Manual Sac 144, August 1955, Revision Year 2011. FS Date: 04/12/2013					

Photo 1 of 3 : UCIP_FA_2015_0449.jpg



LS- CMP riser on levee slope with dense vegetation.

* Location LS : Land Side N/A : Not Applicable 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 2015

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	11/12/2015 11/12/2015	Keith Millard

LM Start	2.21	Rating **	M	Issue No.	491 (cont)
LM End	2.21	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.982135 °	38.982135 °
				-121.591974 °	-121.591974 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:11383 DS_ID:17915 EP_NO: N/A FS_HLM: 2.1984 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Siphon breaker cap missing. Sump pump and gate valve at landward toe not found may be due to dense vegetation. FIELD_STRUCT_DESC: A 8-inch steel pipe through levee, 4.6-feet below the crown. Siphon breaker in corrugated metal riser on landward slope.O&M Manual Sac 144, August 1955, Revision Year 2011. FS Date: 04/12/2013					

Photo 2 of 3 : UCIP_FA_2015_0450.jpg



WS-a disconnected pvc pipe on levee slope

Photo 3 of 3 : UCIP_FA_2015_0451.jpg



WS- 8-inch steel pipe and disconnected pvc pipe on levee slope

LM Start	2.21	Rating **	M	Issue No.	491 (cont)
LM End	2.21	Issue Type +	En	Location *	LS

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	11/12/2015 11/12/2015	Keith Millard

LM Start	2.42	Rating **	M	Issue No.	492
LM End	2.42	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.985223 °	38.985223 °
				-121.591922 °	-121.591922 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41787 DS_ID:18667 EP_NO: N/A FS_HLM: 2.412 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP_FA_2015_0454.jpg



LS- concrete standpipe with disconnected steel pipe

LM Start	2.42	Rating **	M	Issue No.	492 (cont)
LM End	2.42	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_FA_2015_0455.jpg



LS- abandoned wing wall- no pipe

* Location LS : Land Side N/A : Not Applicable 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 2015

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	11/12/2015 11/12/2015	Keith Millard

LM Start	2.42	Rating **	M	Issue No.	492 (cont)
LM End	2.42	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.985223 °	38.985223 °
				-121.591922 °	-121.591922 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41787 DS_ID:18667 EP_NO: N/A FS_HLM: 2.412 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_0456.jpg



LS- overview of landside with concrete standpipe

LM Start	2.44	Rating **	M	Issue No.	16
LM End	2.44	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.985446 °	38.985446 °
				-121.591930 °	-121.591930 °
DWR ID	DWR_LD0001S_01_s_2015_16				
Action/Comments					
Material Inspector Comments: Walnut holes left on waterside of the levee.					

Photo 1 of 1 : FA_2015_LD0001S_433_16_20151106_00002.jpg



View of the material on the waterside of the levee facing upstream.

LM Start	2.72	Rating **	A/W	Issue No.	17
LM End	2.72	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.989470 °	38.989470 °
				-121.592502 °	-121.592502 °
DWR ID	DWR_LD0001S_01_s_2015_17				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

* Location LS : Land Side N/A : Not Applicable 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 2015

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	11/12/2015 11/12/2015	Keith Millard

LM Start	3.41	Rating **	M	Issue No.	493
LM End	3.41	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.998858 °	38.998858 °
				-121.596746 °	-121.596746 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41348 DS_ID:17918 EP_NO: N/A FS_HLM: 3.407 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Only an abandoned steel structure on water and a concrete structure on WS Levee slope found. Need to verify pipe was properly abandoned. FIELD_STRUCT_DESC: Abandoned steel 8-inch drainpipe through levee, 4.1 feet below crown. Siphon breaker on landward slope. Butterfly shutoff valve on landward slope, concrete stand pipe and pump at toe of landward slope. Discharges into borrow pit on waterward side. O&M Manual Sac 144, August 1955, Revision Year 2011.. FS Date: 04/08/2013					

Photo 1 of 3 : UCIP_FA_2015_0492.jpg



Overview of landside of the levee- no pipes visible. Dense vegetation.

Photo 2 of 3 : UCIP_FA_2015_0493.jpg



WS- abandoned steel structure on waterway

LM Start	3.41	Rating **	M	Issue No.	493 (cont)
LM End	3.41	Issue Type +	En	Location *	CR

* 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 2015

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	11/12/2015 11/12/2015	Keith Millard

LM Start	3.41	Rating **	M	Issue No.	493 (cont)
LM End	3.41	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.998858 °	38.998858 °
				-121.596746 °	-121.596746 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41348 DS_ID:17918 EP_NO: N/A FS_HLM: 3.407 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP_FA_2015_0494.jpg



WS- abandoned concrete structure on levee slope

LM Start	4.40	Rating **	M	Issue No.	494
LM End	4.40	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.011340 °	39.011340 °
				-121.603474 °	-121.603474 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:11505 DS_ID:22971 EP_NO: 18438 FS_HLM: 4.579 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs removal of blockage by riprap rubbles. FIELD_STRUCT_DESC: 1 of 2. 2- 16-inch steel drainage pipe. Riprap discharge structure on WS. Flap gate not properly closed. Pump station on LS concrete sump. FS Date: 04/08/2013					

Photo 1 of 3 : UCIP_FA_2015_0178.jpg



WS- flap gates, pipes and discharge channel

* 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 2015

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	11/12/2015 11/12/2015	Keith Millard

LM Start	4.40	Rating **	M	Issue No.	494 (cont)
LM End	4.40	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.011340 °	39.011340 °
				-121.603474 °	-121.603474 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:11505 DS_ID:22971 EP_NO: 18438 FS_HLM: 4.579 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs removal of blockage by riprap rubbles. FIELD_STRUCT_DESC: 1 of 2. 2- 16-inch steel drainage pipe. Riprap discharge structure on WS. Flap gate not properly closed. Pump station on LS concrete sump. FS Date: 04/08/2013					

Photo 2 of 3 : UCIP_FA_2015_0179.jpg



WS- discharge riprap/rubble channel

LM Start	4.40	Rating **	M	Issue No.	494 (cont)
LM End	4.40	Issue Type +	En	Location *	CR

Photo 3 of 3 : UCIP_FA_2015_0180.jpg



WS- drainage pipe on riprap

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	11/12/2015 11/12/2015	Keith Millard

LM Start	4.40	Rating **	U	Issue No.	495
LM End	4.40	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.011354 °	39.011354 °
				-121.603488 °	-121.603488 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40799 DS_ID:22970 EP_NO: 18438 FS_HLM: 4.58 Repair Type: Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP_FA_2015_0245.jpg



WS- steel discharge pipes, flap gates and discharge area

LM Start	4.40	Rating **	U	Issue No.	495 (cont)
LM End	4.40	Issue Type +	En	Location *	CR

Photo 2 of 3 : UCIP_FA_2015_0246.jpg



WS- discharge pipes and riprap discharge area

LM Start	4.40	Rating **	U	Issue No.	495 (cont)
LM End	4.40	Issue Type +	En	Location *	CR

Photo 3 of 3 : UCIP_FA_2015_0247.jpg



WS- steel discharge pipes and riprap discharge area

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	11/12/2015 11/12/2015	Keith Millard

LM Start	8.87	Rating **	M	Issue No.	22
LM End	8.87	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.072503 °	39.072503 °	
			-121.606710 °	-121.606710 °	
DWR ID	DWR_LD0001S_01_f_2015_22				
Action/Comments					
Debris Inspector Comments: Concrete debris piled up on waterside slope.					

Photo 1 of 1 : FA_2015_LD0001S_433_22_20151117_00021.jpg



LM Start	9.16	Rating **	M	Issue No.	489
LM End	9.16	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.076558 °	39.076558 °	
			-121.605837 °	-121.605837 °	
DWR ID	DWR_LD0001S_01_s_2012_489				
Action/Comments					
Landscaping Inspector Comments: Landscaping on landward levee toe.					

Photo 1 of 1 : FA_2015_LD0001S_433_489_20151106_00005.jpg



View of the vegetation on the landside of the levee from the crown.

LM Start	9.35	Rating **	M	Issue No.	23
LM End	9.35	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.079026 °	39.079026 °	
			-121.604386 °	-121.604386 °	
DWR ID	DWR_LD0001S_01_f_2015_23				
Action/Comments					
Landscaping Inspector Comments: Tree trimmings at landside toe need removal.					

Photo 1 of 1 : FA_2015_LD0001S_433_23_20151117_00022.jpg



* Location LS : Land Side N/A : Not Applicable 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 2015

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	11/12/2015 11/12/2015	Keith Millard

LM Start	9.84	Rating **	M	Issue No.	25
LM End	9.84	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.085915 °	39.085915 °
				-121.603733 °	-121.603733 °
DWR ID	DWR_LD0001S_01_f_2015_25				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible. Inspector Comments: Track walking ruts on landside slope.					

Photo 1 of 1 : FA_2015_LD0001S_433_25_20151117_00023.jpg



LM Start	10.71	Rating **	M	Issue No.	15
LM End	10.71	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.097573 °	39.097573 °
				-121.601869 °	-121.601869 °
DWR ID	DWR_LD0001S_01_f_2015_15				
Action/Comments					
Material Inspector Comments: Nine 55-gal drums related to drilling of monitoring well.					

Photo 1 of 1 : FA_2015_LD0001S_433_15_20151117_00024.jpg



* Location LS : Land Side N/A : Not Applicable 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 2015

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	11/12/2015 11/12/2015	Keith Millard

LM Start	11.39	Rating **	U	Issue No.	496
LM End	11.39	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.106261 °	39.106261 °
				-121.607535 °	-121.607535 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:42824 DS_ID:17935 EP_NO: N/A FS_HLM: 11.891 Repair Type: Urgent Crossing Status: Found UCIP Comments: No flap gates on waterward end. Road pavement cracked along pipe, it needs more investigation. FIELD_STRUCT_DESC: 1 of 2. A 6-inch pipe (of 6-inch and 16-inch-pipes) through levee, 6.0 feet below crown. Siphon breakers in corrugated metal pipe risers on waterward shoulder. Pump house at landward toe. FS Date: 04/09/2013					

Photo 1 of 2 : UCIP_FA_2015_0920.jpg



Cracked levee crown. Needs more investigation.

LM Start	11.39	Rating **	U	Issue No.	496 (cont)
LM End	11.39	Issue Type +	En	Location *	CR

Photo 2 of 2 : UCIP_FA_2015_0921.jpg



Levee Crown: overview. Siphon breaker on waterside shoulder

* Location LS : Land Side N/A : Not Applicable 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 2015

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	11/12/2015 11/12/2015	Keith Millard

LM Start	11.39	Rating **	M	Issue No.	497
LM End	11.39	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.106261 °	39.106261 °
				-121.607535 °	-121.607535 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:11983 DS_ID:18879 EP_NO: N/A FS_HLM: 11.8912 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP_FA_2015_0900.jpg



WS- two siphon breaker in CMP riser

LM Start	11.39	Rating **	M	Issue No.	497 (cont)
LM End	11.39	Issue Type +	En	Location *	CR

Photo 2 of 3 : UCIP_FA_2015_0901.jpg



Enter photo 3 description or comment here.

* Location LS : Land Side N/A : Not Applicable 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 2015

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	11/12/2015 11/12/2015	Keith Millard

LM Start	11.39	Rating **	M	Issue No.	497 (cont)
LM End	11.39	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.106261 °	39.106261 °
				-121.607535 °	-121.607535 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:11983 DS_ID:18879 EP_NO: N/A FS_HLM: 11.8912 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_0902.jpg



Levee crown overview- siphon breaker on right

LM Start	11.99	Rating **	M	Issue No.	498
LM End	11.99	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.114856 °	39.114856 °
				-121.605821 °	-121.605821 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41841 DS_ID:17932 EP_NO: N/A FS_HLM: 12.498 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to install Gasline Markers.Fenced control station.Indicator on LS across concrete ditch.Found road markings. FIELD_STRUCT_DESC: 1 of 2. One 16-inch pipe of two 16-inch gas lines through levee, 3 feet below crown. PG&E gas line-crossing sign on waterward shoulder. FS Date: 04/05/2013					

Photo 1 of 3 : UCIP_FA_2015_0248.jpg



LS- fenced control station with indicators

* Location LS : Land Side N/A : Not Applicable 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 2015

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	11/12/2015 11/12/2015	Keith Millard

LM Start	11.99	Rating **	M	Issue No.	498 (cont)
LM End	11.99	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.114856 °	39.114856 °
				-121.605821 °	-121.605821 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41841 DS_ID:17932 EP_NO: N/A FS_HLM: 12.498 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to install Gasline Markers.Fenced control station.Indicator on LS across concrete ditch.Found road markings. FIELD_STRUCT_DESC: 1 of 2. One 16-inch pipe of two 16-inch gas lines through levee, 3 feet below crown. PG&E gas line-crossing sign on waterward shoulder. FS Date: 04/05/2013					

Photo 2 of 3 : UCIP_FA_2015_0249.jpg



LS- fenced control station across concrete ditch

LM Start	11.99	Rating **	M	Issue No.	498 (cont)
LM End	11.99	Issue Type +	En	Location *	CR

Photo 3 of 3 : UCIP_FA_2015_0250.jpg



Levee Crown: gasline indicator/markings on crown road.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 2015

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	11/12/2015 11/12/2015	Keith Millard

LM Start	11.99	Rating **	M	Issue No.	499
LM End	11.99	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.114856 °	39.114856 °
				-121.605821 °	-121.605821 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41889 DS_ID:18880 EP_NO: N/A FS_HLM: 12.498 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 1 of 3 : UCIP_FA_2015_0251.jpg



LS- fenced control station with gasline indicator across concrete ditch.

LM Start	11.99	Rating **	M	Issue No.	499 (cont)
LM End	11.99	Issue Type +	En	Location *	CR

Photo 2 of 3 : UCIP_FA_2015_0252.jpg



LS- fenced control station across concrete ditch.

* Location LS : Land Side N/A : Not Applicable 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 2015

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	11/12/2015 11/12/2015	Keith Millard

LM Start	11.99	Rating **	M	Issue No.	499 (cont)
LM End	11.99	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.114856 °	39.114856 °
				-121.605821 °	-121.605821 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41889 DS_ID:18880 EP_NO: N/A FS_HLM: 12.498 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP_FA_2015_0253.jpg



Levee Crown: road markings on road pavement

LM Start	13.13	Rating **	M	Issue No.	3
LM End	13.74	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.130197 °	39.138262 °
				-121.602453 °	-121.607007 °
DWR ID	DWR_LD0001S_01_s_2012_3				
Action/Comments					
Building					

No Photos

LM Start	13.25	Rating **	M	Issue No.	27
LM End	13.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.131827 °	39.131827 °
				-121.603233 °	-121.603233 °
DWR ID	DWR_LD0001S_01_f_2015_27				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: tree foliage hiding levee face/toe					

No Photos

* Location LS : Land Side N/A : Not Applicable 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 2015

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	11/12/2015 11/12/2015	Keith Millard

LM Start	13.34	Rating **	U	Issue No.	18
LM End	13.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.133050 °	39.133050 °	
			-121.603813 °	-121.603813 °	
DWR ID	DWR_LD0001S_01_f_2015_18				
Action/Comments					
Trees / Woody Vegetation Inspector Comments: Overgrown olive trees (6), buckeye (1) and oak trees (2) on slope of levee, branches touching and obscuring levee. Ivy obscuring slope.					

Photo 1 of 2 : FA_2015_LD0001S_433_18_20151117_00015.jpg



LM Start	13.34	Rating **	U	Issue No.	18 (cont)
LM End	13.34	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA_2015_LD0001S_433_18_20151117_00016.jpg



LM Start	13.42	Rating **	U	Issue No.	24
LM End	13.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.134119 °	39.134119 °	
			-121.604213 °	-121.604213 °	
DWR ID	DWR_LD0001S_01_f_2015_24				
Action/Comments					
Trees / Woody Vegetation Inspector Comments: Vegetation on chainlink fence obscuring visibility. Oleander touching levee.					

Photo 1 of 2 : FA_2015_LD0001S_433_24_20151117_00017.jpg



* Location LS : Land Side N/A : Not Applicable 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 2015

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	11/12/2015 11/12/2015	Keith Millard

LM Start	13.42	Rating **	U	Issue No.	24 (cont)
LM End	13.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.134119 °	39.134119 °	
			-121.604213 °	-121.604213 °	
DWR ID	DWR_LD0001S_01_f_2015_24				
Action/Comments					
Trees / Woody Vegetation Inspector Comments: Vegetation on chainlink fence obscuring visibility. Oleander touchning levee.					

Photo 2 of 2 : FA_2015_LD0001S_433_24_20151117_00018.jpg



LM Start	13.48	Rating **	M	Issue No.	26
LM End	13.48	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.135032 °	39.135032 °	
			-121.604694 °	-121.604694 °	
DWR ID	DWR_LD0001S_01_f_2015_26				
Action/Comments					
Landscaping Inspector Comments: Bamboo obscuring visibility along chainlink fence.					

No Photos

LM Start	14.35	Rating **	M	Issue No.	500
LM End	14.35	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.146494 °	39.146494 °	
			-121.609715 °	-121.609715 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41887 DS_ID:18640 EP_NO: N/A FS_HLM: 14.874 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact ownder to determin status of crossing and install signs if appropriate. FIELD_STRUCT_DESC: A 18-inch steel; Gas Line. O&M Manual Sac 144, August 1955, Revision Year 2011. FS Date: 04/05/2013					

Photo 1 of 3 : UCIP_FA_2015_0254.jpg



LS- overview. No sign post or indicator found.

* 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 2015

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	11/12/2015 11/12/2015	Keith Millard

LM Start	14.35	Rating **	M	Issue No.	500 (cont)
LM End	14.35	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.146494 °	39.146494 °
				-121.609715 °	-121.609715 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41887 DS_ID:18640 EP_NO: N/A FS_HLM: 14.874 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact ownder to determin status of crossing and install signs if appropriate. FIELD_STRUCT_DESC: A 18-inch steel; Gas Line. O&M Manual Sac 144, August 1955, Revision Year 2011. FS Date: 04/05/2013					

Photo 2 of 3 : UCIP_FA_2015_0255.jpg



WS- USA road marking on pavement

LM Start	14.35	Rating **	M	Issue No.	500 (cont)
LM End	14.35	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP_FA_2015_0256.jpg



WS- USA road marking and floodway area

* Location LS : Land Side N/A : Not Applicable 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 2015

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	11/12/2015 11/12/2015	Keith Millard

LM Start	15.03	Rating **	M	Issue No.	501
LM End	15.03	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.154970 °	39.154970 °
				-121.615617 °	-121.615617 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:12092 DS_ID:17923 EP_NO: N/A FS_HLM: 15.5556 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 1 of 2 : UCIP_FA_2015_0636.jpg



LS- gasoline marker on levee slope

LM Start	15.03	Rating **	M	Issue No.	501 (cont)
LM End	15.03	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_FA_2015_0744.jpg



LS- overview of gasoline marker on levee slope

* Location LS : Land Side N/A : Not Applicable 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 2015

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	11/12/2015 11/12/2015	Keith Millard

LM Start	15.15	Rating **	M	Issue No.	502
LM End	15.15	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.156241 °	39.156241 °
				-121.617210 °	-121.617210 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:12104 DS_ID:18644 EP_NO: 17259 FS_HLM: 15.6793 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 1 of 3 : UCIP_FA_2015_0745.jpg



LS- overview of gasoline indicators on levee slope and across.

LM Start	15.15	Rating **	M	Issue No.	502 (cont)
LM End	15.15	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_FA_2015_0746.jpg



LS- gasoline indicators on levee slope and across.

* Location LS : Land Side N/A : Not Applicable 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 2015

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	11/12/2015 11/12/2015	Keith Millard

LM Start	15.15	Rating **	M	Issue No.	502 (cont)
LM End	15.15	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.156241 °	39.156241 °
				-121.617210 °	-121.617210 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:12104 DS_ID:18644 EP_NO: 17259 FS_HLM: 15.6793 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP_FA_2015_0747.jpg



WS- needs a gasoline indicator.

LM Start	15.18	Rating **	M	Issue No.	28
LM End	15.18	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.156619 °	39.156619 °
				-121.617647 °	-121.617647 °
DWR ID	DWR_LD0001S_01_f_2015_28				
Action/Comments					
Debris Inspector Comments: Piles of straw waddles.					

Photo 1 of 1 : FA_2015_LD0001S_433_28_20151117_00025.jpg



* Location LS : Land Side N/A : Not Applicable 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 2015

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	11/12/2015 11/12/2015	Keith Millard

LM Start	16.11	Rating **	M	Issue No.	503
LM End	16.11	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.168830 °	39.168830 °
				-121.622628 °	-121.622628 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41888 DS_ID:18645 EP_NO: 3823 FS_HLM: 16.645 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status of crossing and install markers if appropriate. Several lines in area. FIELD_STRUCT_DESC: A 8-inch steel gasline crossing the South Yuba River project levee, and the Yuba River overflow area. Pipe depth is 3.3 ft. below the crown. Application no. 3823, 1961. FS Date: 04/05/2013					

Photo 1 of 2 : UCIP_FA_2015_0797.jpg



Gasline sign across the railway

Photo 2 of 2 : UCIP_FA_2015_0798.jpg



Railway and levee crossing and gasline sign across the railway

LM Start	16.11	Rating **	M	Issue No.	503 (cont)
LM End	16.11	Issue Type +	En	Location *	LS

* Location LS : Land Side N/A : Not Applicable 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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