

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2016 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)				

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

* **SPRING INSPECTIONS:** Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2016 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)				
Date of Inspection	3/24/2016 - 3/24/2016			
DWR Inspector	Sterling York			
Accompanied By				

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/24/2016 03/24/2016	Sterling York

LM Start		Rating **	A	Issue No.	4
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Operations & Maintenance Manuals			o	o
DWR ID	DWR_LD0001S_01_s_2013_4				
Comment Code					
Inspector Comment					
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 *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Emergency Supplies & Equipment			o	o
DWR ID	DWR_LD0001S_01_s_2013_5				
Comment Code					
Inspector Comment					
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 *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Flood Preparedness & Training			o	o
DWR ID	DWR_LD0001S_01_s_2013_6				
Comment Code					
Inspector Comment					
Sean stated that he and the district employees attended 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 - Spring 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/24/2016 03/24/2016	Sterling York

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				
Comment Code					
PO : Pole					
Inspector Comment					
Power pole set on landward levee slope. Spring 2014.					

Photo 1 of 1 : SP_2016_LD0001S_433_8_20160307_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.	499
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					
Comment Code					
Inspector Comment					
FS_ID:41624 DS_ID:18653 EP_NO: 4667 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: 4/12/2013					

Photo 1 of 2 : UCIP_SP_2016_41624_18769.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 - Spring 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/24/2016 03/24/2016	Sterling York

LM Start	0.36	Rating **	M	Issue No.	499 (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					
Comment Code					
Inspector Comment					
FS_ID:41624 DS_ID:18653 EP_NO: 4667 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: 4/12/2013					

Photo 2 of 2 : UCIP_SP_2016_41624_18768.jpg



WS- abandoned pipe near power pole (right)

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				
Comment Code					
EQ : Equipment					
Inspector Comment					
backhoe burned at toe of landside levee.					

Photo 1 of 1 : SP_2016_LD0001S_433_13_20160307_00002.jpg



This picture was from Fall 2015 Inspection but the backhoe is still there and the picture is the same for Spring of 2016. The backhoe was location on the landside toe 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 - Spring 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/24/2016 03/24/2016	Sterling York

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				
Comment Code					
PR : Prunings					
Inspector Comment					



Prunings on the landside toe blocking visibility. Spring 2016.

LM Start	1.85	Rating **	U	Issue No.	504
LM End	1.85	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.977002 °	38.977002 °	
			-121.591199 °	-121.591199 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:48174 DS_ID:17917 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Needs proper abandonment; pipe open on both ends. FIELD_STRUCT_DESC: *ABANDONED* 8-inch steel pipe through the levee, 4.6 feet below the crown. Siphon breaker in 24-inch corrugated metal riser on landside (LS) shoulder, not found. Pipe open on both ends. Sacramento O&M Manual 144, August 1955, Revision Year 2011. FS Date: 5/23/2016					



Pipe visible on WS slope. Photo courtesy of Sterling York, DWR Inspector.

* 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 - Spring 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/24/2016 03/24/2016	Sterling York

LM Start	1.85	Rating **	U	Issue No.	504 (cont)
LM End	1.85	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.977002 °	38.977002 °
				-121.591199 °	-121.591199 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:48174 DS_ID:17917 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Needs proper abandonment; pipe open on both ends. FIELD_STRUCT_DESC: *ABANDONED* 8-inch steel pipe through the levee, 4.6 feet below the crown. Siphon breaker in 24-inch corrugated metal riser on landside (LS) shoulder, not found. Pipe open on both ends. Sacramento O&M Manual 144, August 1955, Revision Year 2011. FS Date: 5/23/2016					

Photo 2 of 2 : UCIP_SP_2016_48174_75108.jpg



Pipe open on LS end. Photo courtesy of Sterling York, DWR Inspector.

LM Start	2.17	Rating **	M	Issue No.	36
LM End	3.49	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.981559 °	38.999973 °
				-121.591996 °	-121.597019 °
DWR ID	DWR_LD0001S_01_s_2016_36				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : SP_2016_LD0001S_433_36_20160328_00060.jpg



View of waterside vegetation looking upstream.

* 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 - Spring 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/24/2016 03/24/2016	Sterling York

LM Start	2.21	Rating **	M	Issue No.	493
LM End	2.21	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.982135 °	38.982135 °
				-121.591974 °	-121.591974 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:11383 DS_ID:17915 EP_NO: N/A 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: 4/12/2013					

Photo 1 of 2 : UCIP_SP_2016_11383_18782.jpg



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

LM Start	2.21	Rating **	M	Issue No.	493 (cont)
LM End	2.21	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_SP_2016_11383_18781.jpg



WS-a disconnected pvc pipe 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 - Spring 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/24/2016 03/24/2016	Sterling York

LM Start	2.42	Rating **	M	Issue No.	501
LM End	2.42	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.985223 °	38.985223 °
				-121.591922 °	-121.591922 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41787 DS_ID:18667 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears to be abandoned and should be verified as having been done so properly. - concrete standpipe with 10-inch steel pipe.- concrete wing wall- no pipe- abandoned structure- a pump found on other side of the levee (WS) but not sure whether it is associated with this crossing. FIELD_STRUCT_DESC: 24" pipe under landside approach and install 10-inch corrugated iron pipe under landside approach(culvert). Not found in O&M Manual. FS Date: 4/12/2013					

Photo 1 of 2 : UCIP_SP_2016_41787_18793.jpg



LS- overview of landside with concrete standpipe

LM Start	2.42	Rating **	M	Issue No.	501 (cont)
LM End	2.42	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_SP_2016_41787_18792.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 - Spring 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/24/2016 03/24/2016	Sterling York

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				
Comment Code					
MA : Material					
Inspector Comment					
Walnut holes left on waterside of the levee.					

Photo 1 of 1 : SP_2016_LD0001S_433_16_20160307_00005.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				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

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 - Spring 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/24/2016 03/24/2016	Sterling York

LM Start	3.42	Rating **	M	Issue No.	495
LM End	3.42	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					
Comment Code					
Inspector Comment					
FS_ID:41348 DS_ID:17918 EP_NO: N/A 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: 4/8/2013					

Photo 1 of 2 : UCIP_SP_2016_41348_18882.jpg



WS- abandoned concrete structure on levee slope

LM Start	3.42	Rating **	M	Issue No.	495 (cont)
LM End	3.42	Issue Type +	En	Location *	CR

Photo 2 of 2 : UCIP_SP_2016_41348_18881.jpg



WS- abandoned steel structure on waterway

* 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 - Spring 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/24/2016 03/24/2016	Sterling York

LM Start	4.40	Rating **	M	Issue No.	490
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					
Comment Code					
Inspector Comment					
FS_ID:11505 DS_ID:22971 EP_NO: 18438 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: 4/8/2013					

Photo 1 of 2 : UCIP_SP_2016_11505_18909.jpg



WS- drainage pipe on riprap

LM Start	4.40	Rating **	M	Issue No.	490 (cont)
LM End	4.40	Issue Type +	En	Location *	CR

Photo 2 of 2 : UCIP_SP_2016_11505_18908.jpg



WS- discharge riprap/rubble channel

* 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 - Spring 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/24/2016 03/24/2016	Sterling York

LM Start	4.40	Rating **	U	Issue No.	503
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					
Comment Code					
Inspector Comment					
FS_ID:40799 DS_ID:22970 EP_NO: 18438 Repair Type: Urgent Crossing Status: Found UCIP Comments: Flap gate operation blocked by riprap and does not properly close. FIELD_STRUCT_DESC: 2 of 2- 16-inch steel drainage pipe. Riprap discharge structure on WS. Pump station on LS concrete sump. FS Date: 4/8/2013					

Photo 1 of 2 : UCIP_SP_2016_40799_19326.jpg



WS- steel discharge pipes and riprap discharge area

LM Start	4.40	Rating **	U	Issue No.	503 (cont)
LM End	4.40	Issue Type +	En	Location *	CR

Photo 2 of 2 : UCIP_SP_2016_40799_19325.jpg



WS- discharge pipes and riprap discharge 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 - Spring 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/24/2016 03/24/2016	Sterling York

LM Start	4.42	Rating **	M	Issue No.	37
LM End	6.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.011638 °	39.033070 °
				-121.603729 °	-121.610990 °
DWR ID	DWR_LD0001S_01_s_2016_37				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					



View of landside vegetation looking upstream.

LM Start	4.42	Rating **	M	Issue No.	38
LM End	6.10	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.011639 °	39.033070 °
				-121.603729 °	-121.610990 °
DWR ID	DWR_LD0001S_01_s_2016_38				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					



View of waterside vegetation looking upstream.

LM Start	6.00	Rating **	M	Issue No.	21
LM End	6.00	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.031780 °	39.031780 °
				-121.611811 °	-121.611811 °
DWR ID	DWR_LD0001S_01_s_2015_21				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Track-walking on slope and tire ruts at waterside toe.					



Slope instability was found on the waterside slope of the levee during fall 2015 inspection.

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

Levee Inspection Report By Mile - Spring 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/24/2016 03/24/2016	Sterling York

LM Start	8.30	Rating **	M	Issue No.	39
LM End	9.09	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.064574 °	39.075656 °	
			-121.610010 °	-121.606167 °	
DWR ID	DWR_LD0001S_01_s_2016_39				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	8.31	Rating **	C	Issue No.	19
LM End	8.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.064799 °	39.064799 °	
			-121.609865 °	-121.609865 °	
DWR ID	DWR_LD0001S_01_f_2015_19				
Comment Code					
TR : Tree or limb					
Inspector Comment					
debris pile of wood trimmings/shavings					

No Photos

LM Start	8.44	Rating **	C	Issue No.	20
LM End	8.44	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.066486 °	39.066486 °	
			-121.608794 °	-121.608794 °	
DWR ID	DWR_LD0001S_01_f_2015_20				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Debris pile of wood shavings at waterside 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 - Spring 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/24/2016 03/24/2016	Sterling York

LM Start	8.87	Rating **	C	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				
Comment Code					
DE : Debris					
Inspector Comment					
Concrete debris piled up on waterside slope.					

No Photos

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				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landscaping on landward levee toe.					

Photo 1 of 1 : SP_2016_LD0001S_433_489_20160307_00019.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				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Tree trimmings at landside toe need removal.					

Photo 1 of 1 : SP_2016_LD0001S_433_23_20160307_00012.jpg



* 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 - Spring 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/24/2016 03/24/2016	Sterling York

LM Start	9.36	Rating **	M	Issue No.	40
LM End	10.41	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.079265 °	39.093638 °	
			-121.604309 °	-121.600098 °	
DWR ID	DWR_LD0001S_01_s_2016_40				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	9.84	Rating **	C	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				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Track walking rutts on landside slope.					

No Photos

LM Start	10.71	Rating **	C	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				
Comment Code					
MA : Material					
Inspector Comment					
Nine 55-gal drums related to drilling of monitoring well.					

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 - Spring 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/24/2016 03/24/2016	Sterling York

LM Start	11.18	Rating **	M	Issue No.	41
LM End	12.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.103298 °	39.118812 °	
			-121.606473 °	-121.603287 °	
DWR ID	DWR_LD0001S_01_s_2016_41				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					



View of vegetation on landside looking upstream. Spring 2016.

LM Start	11.39	Rating **	U	Issue No.	502
LM End	11.39	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.106261 °	39.106261 °	
			-121.607535 °	-121.607535 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:42824 DS_ID:17935 EP_NO: N/A 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: 4/9/2013					



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 - Spring 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/24/2016 03/24/2016	Sterling York

LM Start	11.39	Rating **	U	Issue No.	502 (cont)
LM End	11.39	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.106261 °	39.106261 °
				-121.607535 °	-121.607535 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:42824 DS_ID:17935 EP_NO: N/A 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: 4/9/2013					

Photo 2 of 2 : UCIP_SP_2016_42824_19486.jpg



Cracked levee crown. Needs more investigation.

LM Start	11.39	Rating **	M	Issue No.	492
LM End	11.39	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.106261 °	39.106261 °
				-121.607535 °	-121.607535 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:11983 DS_ID:18879 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Road pavement cracked along pipe line, needs more investigation. FIELD_STRUCT_DESC: 2 of 2. A 16-inch pipe (of 6-inch and 16-inch-pipes) through levee, 6.0 feet below crown. Flap gates on waterward end. Siphon breakers in corrugated metal pipe risers on waterward shoulder. Pump house at landward toe. FS Date: 4/9/2013					

Photo 1 of 2 : UCIP_SP_2016_11983_19462.jpg



Levee crown overview- siphon breaker on right

* 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 - Spring 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/24/2016 03/24/2016	Sterling York

LM Start	11.39	Rating **	M	Issue No.	492 (cont)
LM End	11.39	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.106261 °	39.106261 °
				-121.607535 °	-121.607535 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:11983 DS_ID:18879 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Road pavement cracked along pipe line, needs more investigation. FIELD_STRUCT_DESC: 2 of 2. A 16-inch pipe (of 6-inch and 16-inch-pipes) through levee, 6.0 feet below crown. Flap gates on waterward end. Siphon breakers in corrugated metal pipe risers on waterward shoulder. Pump house at landward toe. FS Date: 4/9/2013					

Photo 2 of 2 : UCIP_SP_2016_11983_19461.jpg



Enter photo 3 description or comment here.

LM Start	11.63	Rating **	U	Issue No.	42
LM End	11.63	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.109692 °	39.109692 °
				-121.607142 °	-121.607142 °
DWR ID	DWR_LD0001S_01_s_2016_42				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Erosion on the waterside slope caused by rain.					

Photo 1 of 1 : SP_2016_LD0001S_433_42_20160328_00064.jpg



Slope erosion due to rain on the waterside.

* 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 - Spring 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/24/2016 03/24/2016	Sterling York

LM Start	11.99	Rating **	M	Issue No.	500
LM End	11.99	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.114856 °	39.114856 °
				-121.605821 °	-121.605821 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41841 DS_ID:17932 EP_NO: N/A 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: 4/5/2013					

Photo 1 of 2 : UCIP_SP_2016_41841_19538.jpg



Levee Crown: gasoline indicator/markings on crown road.

LM Start	11.99	Rating **	M	Issue No.	500 (cont)
LM End	11.99	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_SP_2016_41841_19537.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 - Spring 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/24/2016 03/24/2016	Sterling York

LM Start	12.00	Rating **	M	Issue No.	498
LM End	12.00	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.114856 °	39.114856 °
				-121.605821 °	-121.605821 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41889 DS_ID:18880 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to install gasline markers.Fenced control station on LS.Indicator on LS across concrete channel.Road markings. FIELD_STRUCT_DESC: 2 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: 4/5/2013					

Photo 1 of 2 : UCIP_SP_2016_41889_19566.jpg



Levee Crown: road markings on road pavement

LM Start	12.00	Rating **	M	Issue No.	498 (cont)
LM End	12.00	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_SP_2016_41889_19565.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 - Spring 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/24/2016 03/24/2016	Sterling York

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				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 2 : SP_2016_LD0001S_433_3_20160328_00065.jpg



Building at landside levee toe.

LM Start	13.13	Rating **	M	Issue No.	3 (cont)
LM End	13.74	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2016_LD0001S_433_3_20160328_00067.jpg



Houses encroaching landside levee toe.

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				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Tree foliage hiding levee face/toe.					

Photo 1 of 1 : SP_2016_LD0001S_433_27_20160328_00068.jpg



Tree at landside levee toe obstructing visibility. Spring 2016.

* 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 - Spring 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/24/2016 03/24/2016	Sterling York

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				
Comment Code					
V7 : Trees / Woody Vegetation					
Inspector Comment					
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 : SP_2016_LD0001S_433_18_20160307_00006.jpg



Trees and vegetation blocking visibility on the landside slope of the levee. Spring 2016.

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

Photo 2 of 2 : SP_2016_LD0001S_433_18_20160307_00007.jpg



Trees and vegetation blocking visibility. Spring 2016.

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				
Comment Code					
V7 : Trees / Woody Vegetation					
Inspector Comment					
Vegetation on the chainlink fence obscuring visibility. Oleander on the levee.					

Photo 1 of 2 : SP_2016_LD0001S_433_24_20160307_00013.jpg



Trees and vegetation blocking visibility on the landside toe of the levee. Spring 2016.

* 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 - Spring 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/24/2016 03/24/2016	Sterling York

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				
Comment Code					
V7 : Trees / Woody Vegetation					
Inspector Comment					
Vegetation on the chainlink fence obscuring visibility. Oleander on the levee.					

Photo 2 of 2 : SP_2016_LD0001S_433_24_20160307_00014.jpg



Trees and vegetation blocking visibility. Spring 2016.

LM Start	13.48	Rating **	C	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				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Bamboo obscuring visibility along chainlink fence.					

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 - Spring 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/24/2016 03/24/2016	Sterling York

LM Start	14.35	Rating **	M	Issue No.	496
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					
Comment Code					
Inspector Comment					
FS_ID:41887 DS_ID:18640 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine 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: 4/5/2013					

Photo 1 of 2 : UCIP_SP_2016_41887_19571.jpg



WS- USA road marking and floodway area

LM Start	14.35	Rating **	M	Issue No.	496 (cont)
LM End	14.35	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_41887_19570.jpg



WS- USA road marking on pavement

* 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 - Spring 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/24/2016 03/24/2016	Sterling York

LM Start	15.03	Rating **	M	Issue No.	494
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					
Comment Code					
Inspector Comment					
FS_ID:12092 DS_ID:17923 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Only a gasline indicator found on LS.Needs gasline marker also on WS. FIELD_STRUCT_DESC: A 16-inch gas line through levee, 3.5 feet below the crown. FS Date: 4/5/2013					

Photo 1 of 2 : UCIP_SP_2016_12092_19624.jpg



LS- overview of gasline marker on levee slope

LM Start	15.03	Rating **	M	Issue No.	494 (cont)
LM End	15.03	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_12092_19623.jpg



LS- gasline 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 - Spring 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/24/2016 03/24/2016	Sterling York

LM Start	15.15	Rating **	M	Issue No.	491
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					
Comment Code					
Inspector Comment					
FS_ID:12104 DS_ID:18644 EP_NO: 17259 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Found an indicator only on LS. Needs an indicator also on WS. FIELD_STRUCT_DESC: An 8-3/8-inch-wide Electrolysis Test Station (ETS) at a depth of 4 feet and connect it to the existing 8-inch metal gas line within the waterside levee toe of the right (west) bank of the Feather River. FS Date: 4/5/2013					

Photo 1 of 2 : UCIP_SP_2016_12104_19642.jpg



WS- needs a gasoline indicator.

LM Start	15.15	Rating **	M	Issue No.	491 (cont)
LM End	15.15	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_12104_19641.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 - Spring 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/24/2016 03/24/2016	Sterling York

LM Start	15.18	Rating **	C	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				
Comment Code					
DE : Debris					
Inspector Comment					
Piles of straw waddles.					

No Photos

LM Start	15.21	Rating **	M	Issue No.	43
LM End	16.11	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.156922 °	39.168830 °	
			-121.617960 °	-121.622630 °	
DWR ID	DWR_LD0001S_01_s_2016_43				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					



View of landside vegetation looking upstream.

LM Start	15.53	Rating **	M	Issue No.	44
LM End	16.11	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.160594 °	°	
			-121.621573 °	°	
DWR ID	DWR_LD0001S_01_s_2016_44				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					



View of waterside vegetation looking upstream.

* 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 - Spring 2016

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/24/2016 03/24/2016	Sterling York

LM Start	16.11	Rating **	M	Issue No.	497
LM End	16.11	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.168830 °	39.168830 °
				-121.622628 °	-121.622628 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41888 DS_ID:18645 EP_NO: 3823 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: 4/5/2013					

Photo 1 of 2 : UCIP_SP_2016_41888_19709.jpg



Railway and levee crossing and gasline sign across the railway

LM Start	16.11	Rating **	M	Issue No.	497 (cont)
LM End	16.11	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_SP_2016_41888_19708.jpg



Gasline sign across the railway

* 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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