

**Flood Control Project Maintenance  
Levee Inspections**

**Fall 2019 Levee Maintenance Deficiency Summary Report**

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

**Sacramento River Basin**

‡ Some areas within the LMA are under construction and as such, the contractor has operation and maintenance obligations in those areas during project construction and closeout.

LD0001S Levee District No. 0001 (Sutter County)	Overall LMA Rating	Total LMA Miles						
	<b>A</b>	<b>16.11</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Supplemental</i>								
DRAFT DWR UCIP Field Study					0.11			
<i>LMA Totals:</i>	0.00	0.00	0.00	0.00%	0.11	0.00	0.00	0.00
Unit No. 01 Feather River RB LD0001S	Overall Unit Rating	Total Unit Miles						
	<b>A</b>	<b>16.11</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Supplemental</i>								
DRAFT DWR UCIP Field Study					0.11			
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.11	0.00	0.00	0.00

**Flood Control Project Maintenance  
Levee Inspections  
LMA District Cover Sheet  
Fall 2019 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)			<b>A</b>	

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

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

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

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2019 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)			<b>A</b>
Date of Inspection	4/12/2019 - 4/12/2019		10/25/2019 - 10/25/2019
DWR Inspector	Sterling York		Sterling York
Accompanied By	Andrew Stresser LD0001S		Andrew Stresser LD0001S

**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 2019**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/25/2019 10/25/2019	Sterling York

LM Start		Rating **	A	Issue No.	<b>4</b>
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_LD0001S_01_s_2013_4				
Comment Code					
Inspector Comment					
O&M manuals are stored at the district office at 243 2nd St, Yuba City, CA.					

No Photos

LM Start		Rating **	A	Issue No.	<b>6</b>
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_LD0001S_01_s_2013_6				
Comment Code					
Inspector Comment					
Drew and the district employees attend the Flood Fight class put on by DWR and RD784 annually.					

No Photos

LM Start	<b>0.01</b>	Rating **	A	Issue No.	<b>5</b>
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			38.951032°	°
				-121.585757°	°
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

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

**Levee Inspection Report By Mile - Fall 2019**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/25/2019 10/25/2019	Sterling York

LM Start	<b>0.01</b>	Rating **	A	Issue No.	<b>20</b>
LM End	<b>4.38</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.951075°	39.011078°
				-121.585711°	-121.603251°
DWR ID	DWR_LD0001S_01_s_2019_20				
Comment Code					
Inspector Comment					
SBFCA Project; this section of levee is under construction with the install of a slurry wall. This section of the levee will not be inspected until completion of work and turned back over to the LMA, Spring 2020.					

Photo 1 of 2 : FA\_2019\_LD0001S\_433\_20\_20191030\_00042.jpg



View looking south downstream at SABFCA Project; this section of levee is under construction with the install of a slurry wall. This section of the levee will not be inspected until completion of work and turned back over to the LMA, Spring 2020.

LM Start	<b>0.01</b>	Rating **	A	Issue No.	<b>20 (cont)</b>
LM End	<b>4.38</b>	Issue Type +	Ma	Location *	CR

Photo 2 of 2 : FA\_2019\_LD0001S\_433\_20\_20191030\_00043.jpg



View looking south downstream at SABFCA Project; this section of levee is under construction with the install of a slurry wall. This section of the levee will not be inspected until completion of work and turned back over to the LMA, Spring 2020.

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

**Levee Inspection Report By Mile - Fall 2019**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/25/2019 10/25/2019	Sterling York

LM Start	<b>0.36</b>	Rating **	M	Issue No.	<b>27</b>
LM End	<b>0.36</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DRAFT DWR UCIP Field Study		38.956192°	38.956192°	
			-121.585510°	-121.585510°	
DWR ID	18653				
Comment Code					
Inspector Comment					
DS_ID:18653 FS_ID:41624 EP_NO: 4667 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 04/12/2013 Abandoned crossing. Concrete box on both sides found. Pipe remainings are found on WS. (DWR UCIP - P. Amatya) FIELD_STRUCT_DESC: *ABANDONED* 36-inch steel irrigation pipe through the levee, 10 feet below the crown. Concrete box found on each side. Pipe remains found on the waterside (WS) after the removal of 40 feet of 36-inch steel pipe from a spur levee and 20 feet of 36-inch steel pipe from the landside (LS) slope of the Feather River Levee. (Plans for removal of a portion and filling with concrete a portion of an abandoned 36-inch steel pipe through the levee authorized under Permit No. 4667, 1964 - Levee District No. 1 of Sutter County [LD0001S]). [Additional Reference(s): USACE Sacramento O&M Manual 144, August 1955, (Station 735+57)]. FS Date: 4/12/2013					

Photo 1 of 3 : UCIP\_FA\_2019\_41624\_18769.jpg



Crown view- overview of both sides of the levee

LM Start	<b>0.36</b>	Rating **	M	Issue No.	<b>27 (cont)</b>
LM End	<b>0.36</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2019\_41624\_18768.jpg



WS- abandoned pipe near power pole (right)

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

**Levee Inspection Report By Mile - Fall 2019**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/25/2019 10/25/2019	Sterling York

LM Start	<b>0.36</b>	Rating **	M	Issue No.	<b>27 (cont)</b>
LM End	<b>0.36</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.956192°	38.956192°
				-121.585510°	-121.585510°
DWR ID	18653				
Comment Code					
Inspector Comment					
DS_ID:18653 FS_ID:41624 EP_NO: 4667 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 04/12/2013 Abandoned crossing. Concrete box on both sides found. Pipe remainings are found on WS. (DWR UCIP - P. Amatya) FIELD_STRUCT_DESC: *ABANDONED* 36-inch steel irrigation pipe through the levee, 10 feet below the crown. Concrete box found on each side. Pipe remains found on the waterside (WS) after the removal of 40 feet of 36-inch steel pipe from a spur levee and 20 feet of 36-inch steel pipe from the landside (LS) slope of the Feather River Levee. (Plans for removal of a portion and filling with concrete a portion of an abandoned 36-inch steel pipe through the levee authorized under Permit No. 4667, 1964 - Levee District No. 1 of Sutter County [LD0001S]). [Additional Reference(s): USACE Sacramento O&M Manual 144, August 1955, (Station 735+57)]. FS Date: 4/12/2013					

Photo 3 of 3 : UCIP\_FA\_2019\_41624\_18767.jpg



WS- abandoned pipe near power pole (top)

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

**Levee Inspection Report By Mile - Fall 2019**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/25/2019 10/25/2019	Sterling York

LM Start	<b>1.85</b>	Rating **	M	Issue No.	<b>28</b>
LM End	<b>1.85</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.977002°	38.977002°
				-121.591199°	-121.591199°
DWR ID	17917				
Comment Code					
Inspector Comment					
DS_ID:17917 FS_ID:53068 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: 10/15/2018 Pipe not found. Pipe removed as part of the Project Area A Feather River West Levee Project. Contacted LMA to obtain as-built drawings showing the pipe removal through the levee. Crossing has been downgraded from Urgent to Non-Urgent, waiting to receive as-built drawings pertaining to levee improvement project for this section of the levee. (O. Magana - DWR UCIP)07/20/2016 Same as previous comment, although pipe is open on the waterside (WS) and capped on the LS. Note that this section of levee will likely be reconstructed as part of Project Area A of the Feather River West Levee Project (Star Bend to Sutter Bypass). (K. Fazel - UCIP)05/23/2016 Needs proper abandonment; pipe open on both ends (courtesy of Sterling York, DWR Inspector). (K. Fazel - UCIP) FIELD_STRUCT_DESC: *REMOVED* 8-inch steel pipe of an unknown purpose through the levee, 4.6 feet below the crown. Siphon breaker in a 24-inch corrugated metal pipe (CMP) riser on the landside (LS) shoulder, not found in 2016. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 144, August 1955, (Station 657+00), As-Built Drawing No. 4-4-205-1]. FS Date: 10/16/2018					

Photo 1 of 3 : UCIP\_FA\_2019\_53068\_75107.jpg



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

LM Start	<b>1.85</b>	Rating **	M	Issue No.	<b>28 (cont)</b>
LM End	<b>1.85</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2019\_53068\_75108.jpg



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

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

**Levee Inspection Report By Mile - Fall 2019**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/25/2019 10/25/2019	Sterling York

LM Start	<b>1.85</b>	Rating **	M	Issue No.	<b>28 (cont)</b>
LM End	<b>1.85</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.977002°	38.977002°
				-121.591199°	-121.591199°
DWR ID	17917				
Comment Code					
Inspector Comment					
DS_ID:17917 FS_ID:53068 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: 10/15/2018 Pipe not found. Pipe removed as part of the Project Area A Feather River West Levee Project. Contacted LMA to obtain as-built drawings showing the pipe removal through the levee. Crossing has been downgraded from Urgent to Non-Urgent, waiting to receive as-built drawings pertaining to levee improvement project for this section of the levee. (O. Magana - DWR UCIP)07/20/2016 Same as previous comment, although pipe is open on the waterside (WS) and capped on the LS. Note that this section of levee will likely be reconstructed as part of Project Area A of the Feather River West Levee Project (Star Bend to Sutter Bypass). (K. Fazel - UCIP)05/23/2016 Needs proper abandonment; pipe open on both ends (courtesy of Sterling York, DWR Inspector). (K. Fazel - UCIP) FIELD_STRUCT_DESC: *REMOVED* 8-inch steel pipe of an unknown purpose through the levee, 4.6 feet below the crown. Siphon breaker in a 24-inch corrugated metal pipe (CMP) riser on the landside (LS) shoulder, not found in 2016. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 144, August 1955, (Station 657+00), As-Built Drawing No. 4-4-205-1]. FS Date: 10/16/2018					

Photo 3 of 3 : UCIP\_FA\_2019\_53068\_76120.jpg



LS view: pipe appears to be capped, though in a rudimentary fashion.

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

**Levee Inspection Report By Mile - Fall 2019**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/25/2019 10/25/2019	Sterling York

LM Start	<b>2.21</b>	Rating **	M	Issue No.	<b>29 (cont)</b>
LM End	<b>2.21</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.982135°	38.982135°
				-121.591974°	-121.591974°
DWR ID	17915				
Comment Code					
Inspector Comment					
DS_ID:17915 FS_ID:11383 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 04/12/2013 Siphon breaker cap missing. Sump pump and gate valve at landward toe not found may be due to dense vegetation. (DWR UCIP - P. Amatya) FIELD_STRUCT_DESC: 8-inch coated steel pipe of an unknown purpose through the levee, 4.6 feet below the crown. Siphon breaker in a corrugated metal pipe (CMP) riser on the landside (LS) slope. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 144, August 1955, (Station 638+07)]. FS Date: 4/12/2013					

Photo 3 of 3 : UCIP\_FA\_2019\_11383\_18780.jpg



LS- CMP riser on levee slope with dense vegetation.

LM Start	<b>2.42</b>	Rating **	M	Issue No.	<b>30</b>
LM End	<b>2.42</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.985223°	38.985223°
				-121.591922°	-121.591922°
DWR ID	18667				
Comment Code					
Inspector Comment					
DS_ID:18667 FS_ID:41787 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 04/12/2013 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. (DWR UCIP - P. Amatya) FIELD_STRUCT_DESC: *ABANDONED* 24-inch gravity drainage pipe of an unknown material under the landside (LS) approach, at an unknown depth. Plans to install a 10-inch corrugated iron gravity drainage culvert under the LS approach, at an unknown depth. Crossing not found in the O&M Manual. FS Date: 4/12/2013					

Photo 1 of 3 : UCIP\_FA\_2019\_41787\_18793.jpg



LS- overview of landside with concrete standpipe

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

**Levee Inspection Report By Mile - Fall 2019**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/25/2019 10/25/2019	Sterling York

LM Start	<b>2.42</b>	Rating **	M	Issue No.	<b>30 (cont)</b>
LM End	<b>2.42</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.985223°	38.985223°
				-121.591922°	-121.591922°
DWR ID	18667				
Comment Code					
Inspector Comment					
DS_ID:18667 FS_ID:41787 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 04/12/2013 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. (DWR UCIP - P. Amatya) FIELD_STRUCT_DESC: *ABANDONED* 24-inch gravity drainage pipe of an unknown material under the landside (LS) approach, at an unknown depth. Plans to install a 10-inch corrugated iron gravity drainage culvert under the LS approach, at an unknown depth. Crossing not found in the O&M Manual. FS Date: 4/12/2013					

Photo 2 of 3 : UCIP\_FA\_2019\_41787\_18792.jpg



LS- abandoned wing wall- no pipe

LM Start	<b>2.42</b>	Rating **	M	Issue No.	<b>30 (cont)</b>
LM End	<b>2.42</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2019\_41787\_18791.jpg



LS- concrete standpipe with disconnected steel pipe

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

**Levee Inspection Report By Mile - Fall 2019**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/25/2019 10/25/2019	Sterling York

LM Start	<b>2.60</b>	Rating **	A/W	Issue No.	<b>22</b>
LM End	<b>3.76</b>	Issue Type +	Ob	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 Storm Damage		38.987740°	39.003660°	
			-121.592090°	-121.596680°	
DWR ID	FSRP-13-64				
Comment Code					
Inspector Comment					
Levee Evaluation Comments Description: Site ID No:159 Site Designation:FSRP-13-64 Repair Type: Seepage Rating: Field Date: Notes:					

No Photos

LM Start	<b>3.42</b>	Rating **	M	Issue No.	<b>31</b>
LM End	<b>3.42</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DRAFT DWR UCIP Field Study		38.998858°	38.998858°	
			-121.596746°	-121.596746°	
DWR ID	17918				
Comment Code					
Inspector Comment					
DS_ID:17918 FS_ID:41348 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 04/08/2013 Only an abandoned steel structure on water and a concrete structure on WS Levee slope found. Need to verify pipe was properly abandoned. (DWR UCIP - P. Amatya) FIELD_STRUCT_DESC: *ABANDONED* 8-inch steel pipe of an unknown purpose through the levee, 4.1 feet below the crown. Siphon breaker on the landside (LS) slope. Butterfly shutoff valve on the LS slope. Concrete standpipe and pump at the LS toe. Pipe discharges into borrow pit on the waterside (WS). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 144, August 1955, (Station 574+20)]. FS Date: 4/8/2013					

Photo 1 of 3 : UCIP\_FA\_2019\_41348\_18882.jpg



WS- abandoned concrete structure on levee slope

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

**Levee Inspection Report By Mile - Fall 2019**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/25/2019 10/25/2019	Sterling York

LM Start	<b>3.42</b>	Rating **	M	Issue No.	<b>31 (cont)</b>
LM End	<b>3.42</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.998858 °	38.998858 °
				-121.596746 °	-121.596746 °
DWR ID	17918				
Comment Code					
Inspector Comment					
DS_ID:17918 FS_ID:41348 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 04/08/2013 Only an abandoned steel structure on water and a concrete structure on WS Levee slope found. Need to verify pipe was properly abandoned. (DWR UCIP - P. Amatya) FIELD_STRUCT_DESC: *ABANDONED* 8-inch steel pipe of an unknown purpose through the levee, 4.1 feet below the crown. Siphon breaker on the landside (LS) slope. Butterfly shutoff valve on the LS slope. Concrete standpipe and pump at the LS toe. Pipe discharges into borrow pit on the waterside (WS). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 144, August 1955, (Station 574+20)]. FS Date: 4/8/2013					

Photo 2 of 3 : UCIP\_FA\_2019\_41348\_18881.jpg



WS- abandoned steel structure on waterway

LM Start	<b>3.42</b>	Rating **	M	Issue No.	<b>31 (cont)</b>
LM End	<b>3.42</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2019\_41348\_18880.jpg



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

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

**Levee Inspection Report By Mile - Fall 2019**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/25/2019 10/25/2019	Sterling York

LM Start	<b>4.41</b>	Rating **	A	Issue No.	<b>15</b>
LM End	<b>16.11</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.011497°	39.169221°	
			-121.603630°	-121.622951°	
DWR ID	DWR_LD0001S_01_f_2019_15				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Fall 2019.					

Photo 1 of 1 : FA\_2019\_LD0001S\_433\_15\_20191030\_00044.jpg



View looking upstream landside at the well maintained annual vegetation, Fall 2019.

LM Start	<b>4.41</b>	Rating **	A	Issue No.	<b>16</b>
LM End	<b>16.11</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.011497°	39.169221°	
			-121.603630°	-121.622951°	
DWR ID	DWR_LD0001S_01_f_2019_16				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Fall 2019.					

Photo 1 of 1 : FA\_2019\_LD0001S\_433\_16\_20191030\_00046.jpg



View looking upstream waterside at the well maintained annual vegetation, Fall 2019.

LM Start	<b>4.52</b>	Rating **	C	Issue No.	<b>21</b>
LM End	<b>4.52</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.012703°	39.012703°	
			-121.604774°	-121.604774°	
DWR ID	DWR_LD0001S_01_f_2019_21				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

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

**Levee Inspection Report By Mile - Fall 2019**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/25/2019 10/25/2019	Sterling York

LM Start	<b>5.02</b>	Rating **	A/W	Issue No.	<b>25</b>
LM End	<b>5.02</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			39.018322°	39.018322°
				-121.610275°	-121.610275°
DWR ID	LD1-S-02				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:145					
Site Designation:LD1-S-02					
Repair Type: Erosion					
Rating:Critical					
Field Date:7/17/2017					
Notes:					

LM Start	<b>5.02</b>	Rating **	A/W	Issue No.	<b>25 (cont)</b>
LM End	<b>5.02</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : LEVAL\_FA\_2019\_145\_1767.jpg



Photo 2 of 3 : LEVAL\_FA\_2019\_145\_1768.jpg



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

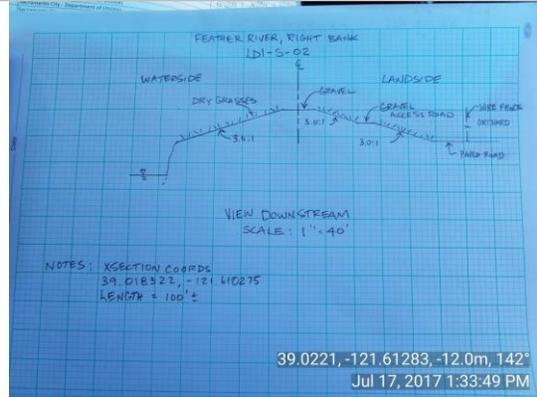
**Levee Inspection Report By Mile - Fall 2019**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/25/2019 10/25/2019	Sterling York

LM Start	<b>5.02</b>	Rating **	A/W	Issue No.	<b>25 (cont)</b>
LM End	<b>5.02</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 Storm Damage		39.018322°	39.018322°	
			-121.610275°	-121.610275°	
DWR ID	LD1-S-02				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:145					
Site Designation:LD1-S-02					
Repair Type: Erosion					
Rating:Critical					
Field Date:7/17/2017					
Notes:					

Photo 3 of 3 : LEVAL\_FA\_2019\_145\_1769.jpg



LM Start	<b>5.65</b>	Rating **	C	Issue No.	<b>18</b>
LM End	<b>5.65</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.026940°	39.026940°	
			-121.613100°	-121.613100°	
DWR ID	DWR_LD0001S_01_s_2019_18				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

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

**Levee Inspection Report By Mile - Fall 2019**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/25/2019 10/25/2019	Sterling York

LM Start	<b>7.69</b>	Rating **	A/W	Issue No.	<b>19</b>
LM End	<b>7.74</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 Storm Damage		39.055986°	39.056710°	
			-121.611301°	-121.611331°	
DWR ID	LD1-S-03				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:146					
Site Designation:LD1-S-03					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:8/3/2017					
Notes:					

Photo 1 of 3 : LEVAL\_FA\_2019\_146\_4051.jpg



LM Start	<b>7.69</b>	Rating **	A/W	Issue No.	<b>19 (cont)</b>
LM End	<b>7.74</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : LEVAL\_FA\_2019\_146\_4053.jpg



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

**Levee Inspection Report By Mile - Fall 2019**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/25/2019 10/25/2019	Sterling York

LM Start	<b>7.69</b>	Rating **	A/W	Issue No.	<b>19 (cont)</b>
LM End	<b>7.74</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			39.055986°	39.056710°
				-121.611301°	-121.611331°
DWR ID	LD1-S-03				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:146					
Site Designation:LD1-S-03					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:8/3/2017					
Notes:					

Photo 3 of 3 : LEVAL\_FA\_2019\_146\_4054.jpg



LM Start	<b>8.55</b>	Rating **	C	Issue No.	<b>17</b>
LM End	<b>8.55</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.067929°	39.067929°
				-121.608064°	-121.608064°
DWR ID	DWR_LD0001S_01_s_2019_17				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

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

**Levee Inspection Report By Mile - Fall 2019**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/25/2019 10/25/2019	Sterling York

LM Start	<b>11.99</b>	Rating **	M	Issue No.	<b>32</b>
LM End	<b>11.99</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			39.114856°	39.114856°
				-121.605821°	-121.605821°
DWR ID	17932				
Comment Code					
Inspector Comment					
DS_ID:17932 FS_ID:41841 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 04/05/2013 Need to install Gasline Markers.Fenced control station.Indicator on LS across concrete ditch.Found road markings.(DWR UCIP - P. Amatya) FIELD_STRUCT_DESC: 1 of 2: 16-inch natural gas pipeline of an unknown material through the levee, 3 feet below the crown. PG&E gas line crossing sign on the waterside (WS) shoulder. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 4/5/2013					

Photo 1 of 3 : UCIP\_FA\_2019\_41841\_19538.jpg



Levee Crown: gasline indicator/markings on crown road.

LM Start	<b>11.99</b>	Rating **	M	Issue No.	<b>32 (cont)</b>
LM End	<b>11.99</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2019\_41841\_19537.jpg



LS- fenced control station across concrete ditch

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

**Levee Inspection Report By Mile - Fall 2019**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/25/2019 10/25/2019	Sterling York

LM Start	<b>11.99</b>	Rating **	M	Issue No.	<b>32 (cont)</b>
LM End	<b>11.99</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			39.114856°	39.114856°
				-121.605821°	-121.605821°
DWR ID	17932				
Comment Code					
Inspector Comment					
DS_ID:17932 FS_ID:41841 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 04/05/2013 Need to install Gasline Markers.Fenced control station.Indicator on LS across concrete ditch.Found road markings.(DWR UCIP - P. Amatya) FIELD_STRUCT_DESC: 1 of 2: 16-inch natural gas pipeline of an unknown material through the levee, 3 feet below the crown. PG&E gas line crossing sign on the waterside (WS) shoulder. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 4/5/2013					

Photo 3 of 3 : UCIP\_FA\_2019\_41841\_19534.jpg



LS- fenced control station with indicators

LM Start	<b>12.00</b>	Rating **	M	Issue No.	<b>33</b>
LM End	<b>12.00</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			39.114856°	39.114856°
				-121.605821°	-121.605821°
DWR ID	18880				
Comment Code					
Inspector Comment					
DS_ID:18880 FS_ID:41889 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 04/05/2013 Need to contact owner to install gasline markers.Fenced control station on LS.Indicator on LS across concrete channel.Road markings. (DWR UCIP - P. Amatya) FIELD_STRUCT_DESC: 2 of 2: 16-inch natural gas pipeline of an unknown material through the levee, 3 feet below the crown. PG&E gas line crossing sign on the waterside (WS) shoulder. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 4/5/2013					

Photo 1 of 3 : UCIP\_FA\_2019\_41889\_19566.jpg



Levee Crown: road markings on road pavement

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

**Levee Inspection Report By Mile - Fall 2019**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/25/2019 10/25/2019	Sterling York

LM Start	<b>12.00</b>	Rating **	M	Issue No.	<b>33 (cont)</b>
LM End	<b>12.00</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			39.114856°	39.114856°
				-121.605821°	-121.605821°
DWR ID	18880				
Comment Code					
Inspector Comment					
DS_ID:18880 FS_ID:41889 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 04/05/2013 Need to contact owner to install gasoline markers. Fenced control station on LS. Indicator on LS across concrete channel. Road markings. (DWR UCIP - P. Amatya) FIELD_STRUCT_DESC: 2 of 2: 16-inch natural gas pipeline of an unknown material through the levee, 3 feet below the crown. PG&E gas line crossing sign on the waterside (WS) shoulder. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 4/5/2013					

Photo 2 of 3 : UCIP\_FA\_2019\_41889\_19565.jpg



LS- fenced control station across concrete ditch.

LM Start	<b>12.00</b>	Rating **	M	Issue No.	<b>33 (cont)</b>
LM End	<b>12.00</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2019\_41889\_19564.jpg



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

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

**Levee Inspection Report By Mile - Fall 2019**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/25/2019 10/25/2019	Sterling York

LM Start	<b>13.87</b>	Rating **	A/W	Issue No.	<b>26</b>
LM End	<b>13.87</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			39.139734 °	39.139734 °
				-121.608477 °	-121.608477 °
DWR ID	DWR_LD0001S_01_f_2018_26				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					
There is ongoing construction at the 5th Street Bridge, Fall 2019.					

Photo 1 of 2 : FA\_2019\_LD0001S\_433\_26\_20190904\_00009.jpg



View looking downstream waterside of the 5th Street bridge construction, Spring 2019.

LM Start	<b>13.87</b>	Rating **	A/W	Issue No.	<b>26 (cont)</b>
LM End	<b>13.87</b>	Issue Type +	Ma	Location *	CR

Photo 2 of 2 : FA\_2019\_LD0001S\_433\_26\_20190904\_00010.jpg



View looking downstream waterside of the 5th Street bridge construction, Fall 2018.

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

**Levee Inspection Report By Mile - Fall 2019**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/25/2019 10/25/2019	Sterling York

LM Start	<b>14.35</b>	Rating **	M	Issue No.	<b>34 (cont)</b>
LM End	<b>14.35</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			39.146494 °	39.146494 °
				-121.609715 °	-121.609715 °
DWR ID	18640				
Comment Code					
Inspector Comment					
DS_ID:18640 FS_ID:41887 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 04/05/2013 Need to contact owner to determine status of crossing and install signs if appropriate. (DWR UCIP - P. Amatya) FIELD_STRUCT_DESC: 18-inch steel natural gas pipeline through the levee, at an unknown depth. [Additional Reference(s): Sutter-Butte Flood Control Agency, Volume 3, As-Built Drawing No. GC-120, Sheet 58, no reference to any crossings at this location. USACE Sacramento O&M Manual 144, August 1955, (Station 1473+60)]. FS Date: 4/5/2013					

Photo 3 of 3 : UCIP\_FA\_2019\_41887\_19569.jpg



LS- overview. No sign post or indicator found.

LM Start	<b>15.03</b>	Rating **	M	Issue No.	<b>35</b>
LM End	<b>15.03</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			39.154970 °	39.154970 °
				-121.615617 °	-121.615617 °
DWR ID	17923				
Comment Code					
Inspector Comment					
DS_ID:17923 FS_ID:12092 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 04/05/2013 Only a gasoline indicator found on LS. Needs gasoline marker also on WS. (DWR UCIP - P. Amatya) FIELD_STRUCT_DESC: 16-inch natural gas pipeline of an unknown material through the levee, 3.5 feet below the crown. Pipeline protected in place as part of the Feather River West Levee Reconstruction Project. Marker installed on the landside (LS). [Additional Reference(s): DWR Levee Log, 2005. Sutter-Butte Flood Control Agency, Volume 3, As-Built Drawing No. C-124, Sheet 62, (Station 1073+41)]. FS Date: 4/5/2013					

Photo 1 of 2 : UCIP\_FA\_2019\_12092\_19624.jpg



LS- overview of gasline marker on levee slope

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

**Levee Inspection Report By Mile - Fall 2019**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/25/2019 10/25/2019	Sterling York

LM Start	<b>15.03</b>	Rating **	M	Issue No.	<b>35 (cont)</b>
LM End	<b>15.03</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			39.154970°	39.154970°
				-121.615617°	-121.615617°
DWR ID	17923				
Comment Code					
Inspector Comment					
DS_ID:17923 FS_ID:12092 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 04/05/2013 Only a gasoline indicator found on LS. Needs gasoline marker also on WS. (DWR UCIP - P. Amatya) FIELD_STRUCT_DESC: 16-inch natural gas pipeline of an unknown material through the levee, 3.5 feet below the crown. Pipeline protected in place as part of the Feather River West Levee Reconstruction Project. Marker installed on the landside (LS). [Additional Reference(s): DWR Levee Log, 2005. Sutter-Butte Flood Control Agency, Volume 3, As-Built Drawing No. C-124, Sheet 62, (Station 1073+41)]. FS Date: 4/5/2013					

Photo 2 of 2 : UCIP\_FA\_2019\_12092\_19623.jpg



LS- gasoline marker on levee slope

LM Start	<b>15.15</b>	Rating **	M	Issue No.	<b>36</b>
LM End	<b>15.15</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			39.156241°	39.156241°
				-121.617210°	-121.617210°
DWR ID	18644				
Comment Code					
Inspector Comment					
DS_ID:18644 FS_ID:12104 EP_NO: 17259 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 04/05/2013 Found an indicator only on LS. Needs an indicator also on WS. (DWR UCIP - P. Amatya) FIELD_STRUCT_DESC: *REMOVED* 8.375-inch-wide electrolysis test station (ETS) at a depth of 4 feet was connected to the existing 8-inch steel natural gas pipeline within the waterside (WS) levee toe. Pipeline has been removed as part of the Feather River West Levee Reconstruction Project. [Additional Reference(s): Sutter-Butte Flood Control Agency, Volume 3, As-Built Drawing No. C-124, Sheet 62, (Station 1079+91), no replacement pipe mentioned]. FS Date: 4/5/2013					

Photo 1 of 3 : UCIP\_FA\_2019\_12104\_19642.jpg



WS- needs a gasoline indicator.

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

**Levee Inspection Report By Mile - Fall 2019**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/25/2019 10/25/2019	Sterling York

LM Start	<b>15.15</b>	Rating **	M	Issue No.	<b>36 (cont)</b>
LM End	<b>15.15</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			39.156241°	39.156241°
				-121.617210°	-121.617210°
DWR ID	18644				
Comment Code					
Inspector Comment					
DS_ID:18644 FS_ID:12104 EP_NO: 17259 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 04/05/2013 Found an indicator only on LS. Needs an indicator also on WS.(DWR UCIP - P. Amatya) FIELD_STRUCT_DESC: *REMOVED* 8.375-inch-wide electrolysis test station (ETS) at a depth of 4 feet was connected to the existing 8-inch steel natural gas pipeline within the waterside (WS) levee toe. Pipeline has been removed as part of the Feather River West Levee Reconstruction Project. [Additional Reference(s): Sutter-Butte Flood Control Agency, Volume 3, As-Built Drawing No. C-124, Sheet 62, (Station 1079+91), no replacement pipe mentioned]. FS Date: 4/5/2013					

Photo 2 of 3 : UCIP\_FA\_2019\_12104\_19641.jpg



LS- gasline indicators on levee slope and across.

LM Start	<b>15.15</b>	Rating **	M	Issue No.	<b>36 (cont)</b>
LM End	<b>15.15</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2019\_12104\_19640.jpg



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

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

**Levee Inspection Report By Mile - Fall 2019**

**Levee District No. 0001 (Sutter County)**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	10/25/2019 10/25/2019	Sterling York

LM Start	<b>16.11</b>	Rating **	M	Issue No.	<b>37</b>
LM End	<b>16.11</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			39.168830 °	39.168830 °
				-121.622628 °	-121.622628 °
DWR ID	18645				
Comment Code					
Inspector Comment					
DS_ID:18645 FS_ID:41888 EP_NO: 3823 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 04/05/2013 Need to contact owner to determine status of crossing and install markers if appropriate. Several lines in area. (DWR UCIP - P. Amatya) FIELD_STRUCT_DESC: 8-inch steel natural gas pipeline through the levee and overflow area, 3.3 feet below the crown. (Plans for installation of a steel pipeline through the levee authorized under Permit No. 3823, 1961 - Southern Pacific Pipe Lines, Inc.). FS Date: 4/5/2013					

Photo 1 of 2 : UCIP\_FA\_2019\_41888\_19709.jpg



Railway and levee crossing and gasline sign across the railway

LM Start	<b>16.11</b>	Rating **	M	Issue No.	<b>37 (cont)</b>
LM End	<b>16.11</b>	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP\_FA\_2019\_41888\_19708.jpg



Gasline sign across the railway

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