

**Flood Control Project Maintenance  
Levee Inspections**  
**LMA District Cover Sheet**  
**Spring 2020 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 2020 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	3/17/2020 - 3/17/2020			
DWR Inspector	Sterling York			
Accompanied By	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 - Spring 2020**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/17/2020 03/17/2020	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>5</b>
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Emergency Supplies & Equipment			°	°
				°	°
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.	<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					
The district employees attend the Flood Fight class put on by DWR and RD784 annually. Pending RxR closure structure training LM 16.10.					

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 - Spring 2020**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/17/2020 03/17/2020	Sterling York

LM Start	<b>0.00</b>	Rating **	A/W	Issue No.	<b>15</b>
LM End	<b>4.34</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Crown Surface / Depressions / Rutting		38.950976 °	39.010657 °	
			-121.585753 °	-121.602887 °	
DWR ID	DWR_LD0001S_01_s_2020_15				
Comment Code					
C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.					
Inspector Comment					
USACE Project still under construction with pipe installation, Spring 2020.					

Photo 1 of 1 : SP\_2020\_LD0001S\_433\_15\_20200324\_00040.jpg



View looking downstream at the section of levee that is still under construction with the pipe installation, Spring 2020.

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	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\_SP\_2020\_41624\_18769.jpg



Crown view- overview of both sides of the levee

<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 - Spring 2020**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/17/2020 03/17/2020	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	DWR UCIP Field Study			38.956192 °	38.956192 °
				-121.585510 °	-121.585510 °
DWR ID	18653				

Photo 2 of 3 : UCIP\_SP\_2020\_41624\_18768.jpg



WS- abandoned pipe near power pole (right)

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 3 of 3 : UCIP\_SP\_2020\_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 - Spring 2020**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/17/2020 03/17/2020	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	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\_SP\_2020\_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\_SP\_2020\_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 - Spring 2020**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/17/2020 03/17/2020	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	DWR UCIP Field Study			38.977002 °	38.977002 °
				-121.591199 °	-121.591199 °
DWR ID	17917				

Photo 3 of 3 : UCIP\_SP\_2020\_53068\_76120.jpg



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

LM Start	<b>2.21</b>	Rating **	M	Issue No.	<b>29</b>
LM End	<b>2.21</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	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 1 of 3 : UCIP\_SP\_2020\_11383\_18782.jpg



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

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 - Spring 2020**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/17/2020 03/17/2020	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	DWR UCIP Field Study			38.985223 °	38.985223 °
				-121.591922 °	-121.591922 °
DWR ID	18667				

Photo 3 of 3 : UCIP\_SP\_2020\_41787\_18791.jpg



LS- concrete standpipe with disconnected steel pipe

LM Start	<b>2.60</b>	Rating **	C	Issue No.	<b>22</b>
LM End	<b>3.76</b>	Issue Type +	Ob	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Seepage / Sandboils			38.987740 °	39.003660 °
				-121.592090 °	-121.596680 °
DWR ID	FSRP-13-64				

No Photos

**Comment Code**

**Inspector Comment**

Levee Evaluation Comments  
 Description:  
 Site ID No:159  
 Site Designation:FSRP-13-64  
 Repair Type: Seepage  
 Rating:  
 Field Date:  
 Notes: This is no longer an issue, rock seepage berm was removed when USACE reconstructed the levee and installed slurry wall. This section is still under construction with the installation of pipes. Spring 2020.

<b>* Location</b> LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 - Spring 2020**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/17/2020 03/17/2020	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	DWR UCIP Field Study			38.998858 °	38.998858 °
				-121.596746 °	-121.596746 °
DWR ID	17918				

Photo 3 of 3 : UCIP\_SP\_2020\_41348\_18880.jpg



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

LM Start	<b>4.40</b>	Rating **	A	Issue No.	<b>16</b>
LM End	<b>16.09</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.011370 °	39.168533 °
				-121.603526 °	-121.622706 °
DWR ID	DWR_LD0001S_01_s_2020_16				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2020.					

Photo 1 of 1 : SP\_2020\_LD0001S\_433\_16\_20200324\_00041.jpg



View looking upstream landside at the well maintained annual vegetation, 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 - Spring 2020**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/17/2020 03/17/2020	Sterling York

LM Start	<b>4.40</b>	Rating **	A	Issue No.	<b>17</b>
LM End	<b>16.09</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.011370 °	39.168533 °	
			-121.603527 °	-121.622706 °	
DWR ID	DWR_LD0001S_01_s_2020_17				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2020.					

Photo 1 of 1 : SP\_2020\_LD0001S\_433\_17\_20200324\_00042.jpg



View looking upstream waterside at the well maintained annual vegetation, Spring 2020.

LM Start	<b>5.02</b>	Rating **	A/W	Issue No.	<b>25</b>
LM End	<b>5.43</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 Storm Damage		39.018322 °	39.023753 °	
			-121.610275 °	-121.613171 °	
DWR ID	LD1-S-02				
Comment Code					
Inspector Comment					
The erosion site is planned for PL 84-99 Repair in 2020. Site ID No:145 Site Designation:LD1-S-02 Rating: Critical					

Photo 1 of 3 : LEVAL\_SP\_2020\_145\_1767.jpg



The erosion site is planned for PL 84-99 Repair in 2020.

LM Start	<b>5.02</b>	Rating **	A/W	Issue No.	<b>25 (cont)</b>
LM End	<b>5.43</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : LEVAL\_SP\_2020\_145\_1768.jpg



The erosion site is planned for PL 84-99 Repair in 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	<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

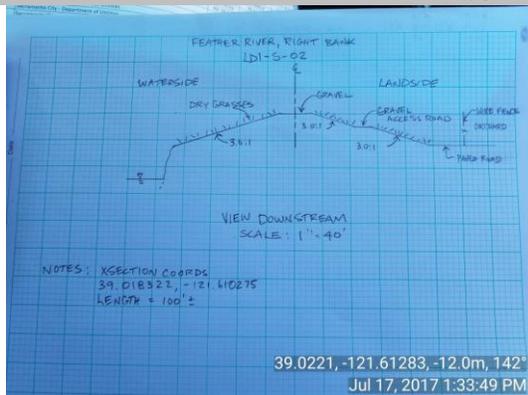
Levee Inspection Report By Mile - Spring 2020

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/17/2020 03/17/2020	Sterling York

LM Start	<b>5.02</b>	Rating **	A/W	Issue No.	<b>25 (cont)</b>
LM End	<b>5.43</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 Storm Damage		39.018322 °	39.023753 °	
			-121.610275 °	-121.613171 °	
DWR ID	LD1-S-02				

Photo 3 of 3 : LEVAL\_SP\_2020\_145\_1769.jpg



The erosion site is planned for PL 84-99 Repair in 2020.

LM Start	<b>7.69</b>	Rating **	A/W	Issue No.	<b>19</b>
LM End	<b>7.74</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		39.055986 °	39.056710 °	
			-121.611301 °	-121.611331 °	
DWR ID	LD1-S-03				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
This was a 2017 Storm Damage site for erosion. Site ID No:146 Site Designation:LD1-S-03					

Photo 1 of 3 : LEVAL\_SP\_2020\_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 *	WS

Photo 2 of 3 : LEVAL\_SP\_2020\_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 - Spring 2020**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/17/2020 03/17/2020	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 *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		39.055986 °	39.056710 °	
			-121.611301 °	-121.611331 °	
DWR ID	LD1-S-03				

Photo 3 of 3 : LEVAL\_SP\_2020\_146\_4054.jpg



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	DWR UCIP Field Study		39.114856 °	39.114856 °	
			-121.605821 °	-121.605821 °	
DWR ID	17932				

Photo 1 of 3 : UCIP\_SP\_2020\_41841\_19538.jpg



Levee Crown: gasoline indicator/markings on crown road.

**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

<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 - Spring 2020**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/17/2020 03/17/2020	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	DWR UCIP Field Study			39.114856 °	39.114856 °
				-121.605821 °	-121.605821 °
DWR ID	18880				

Photo 3 of 3 : UCIP\_SP\_2020\_41889\_19564.jpg



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

LM Start	<b>13.51</b>	Rating **	U	Issue No.	<b>18</b>
LM End	<b>13.69</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.135376 °	39.137718 °
				-121.604841 °	-121.606288 °
DWR ID	DWR_LD0001S_01_s_2020_18				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Repair the damage of the dug in foot ramp on the levee slope, Spring 2020.					

Photo 1 of 1 : SP\_2020\_LD0001S\_433\_18\_20200324\_00043.jpg



View looking downstream waterside of a hand dug foot path, 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 - Spring 2020**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/17/2020 03/17/2020	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, Spring 2020.					

Photo 1 of 1 : SP\_2020\_LD0001S\_433\_26\_20200227\_00007.jpg



View looking downstream waterside of the on going 5th Street bridge construction.

LM Start	<b>14.35</b>	Rating **	M	Issue No.	<b>34</b>
LM End	<b>14.35</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	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 ownder to determin 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 1 of 3 : UCIP\_SP\_2020\_41887\_19571.jpg



WS- USA road marking and floodway area

<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 - Spring 2020**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/17/2020 03/17/2020	Sterling York

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	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\_SP\_2020\_12092\_19624.jpg



LS- overview of gasoline marker on levee slope

LM Start	<b>15.03</b>	Rating **	M	Issue No.	<b>35 (cont)</b>
LM End	<b>15.03</b>	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP\_SP\_2020\_12092\_19623.jpg



LS- gasoline 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 - Spring 2020**

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/17/2020 03/17/2020	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	DWR UCIP Field Study			39.156241 °	39.156241 °
				-121.617210 °	-121.617210 °
DWR ID	18644				

Photo 3 of 3 : UCIP\_SP\_2020\_12104\_19640.jpg



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

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	DWR UCIP Field Study			39.168830 °	39.168830 °
				-121.622628 °	-121.622628 °
DWR ID	18645				

Photo 1 of 2 : UCIP\_SP\_2020\_41888\_19709.jpg



Railway and levee crossing and gasline sign across the railway

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					

<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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