

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2023

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	04/14/2023 04/14/2023	Brooks Weisser

LM Start		Rating **	A	Issue No.	4
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					
OM : O&M Manuals					
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.	5
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					
ES : Emergency Supplies & Equipment					
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 *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_LD0001S_01_s_2013_6				
Comment Code					
FP : Flood Preparedness & Training					
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

* 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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Unit No. 01 Feather River	Right	16.11	04/14/2023 04/14/2023	Brooks Weisser

LM Start	0.01	Rating **	M	Issue No.	12
LM End	16.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.951075°	39.168732°
				-121.585711°	-121.622687°
DWR ID	DWR_LD0001S_01_s_2023_12				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation needs to be maintained, Spring 2023.					

Photo 1 of 1 : SP_2023_LD0001S_433_12_20230425_00022.jpg



View of annual vegetation on the landside slope, Spring 2023.

LM Start	2.47	Rating **	M	Issue No.	3	
LM End	2.47	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.985845°		38.985845°
				-121.591912°		-121.591912°
DWR ID	18668					
Comment Code						
Inspector Comment						
DS_ID:18668						
FS_ID:77099						
EP_NO: N/A						
Repair Type: Non-Urgent						
EVAL Issue:						
Crossing Status: Not Found						
UCIP Comments: 02/22/2022 Record has been updated to Non-Urgent.						
No drainage culvert located on the LS. Need to obtain as-built drawings to see if crossing has been removed. (M.Thao - DWR UCIP)						
FIELD_STRUCT_DESC: 10-inch corrugated iron gravity drainage culvert under the landside (LS) approach, at an unknown depth.						
Replacement for a 24-inch gravity drainage pipe of an unknown material under landside approach, at an unknown depth. Crossing not found in the O&M Manual.						
FS Date: 2/22/2022						

Photo 1 of 3 : UCIP_SP_2023_77099_113766.jpg



Levee crown 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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Unit No. 01 Feather River	Right	16.11	04/14/2023 04/14/2023	Brooks Weisser

LM Start	2.47	Rating **	M	Issue No.	3 (cont)	
LM End	2.47	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.985845°	38.985845°	
				-121.591912°	-121.591912°	
DWR ID	18668					

Photo 2 of 3 : UCIP_SP_2023_77099_113768.jpg



LS view: Looking from crown; general overview. Sump and vaults are not associated this record.

LM Start	2.47	Rating **	M	Issue No.	3 (cont)
LM End	2.47	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2023_77099_113767.jpg



WS view: Looking from levee; general overview. Pole and pump station not associated with this record.

LM Start	2.56	Rating **	A/W	Issue No.	24
LM End	2.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.987277°	38.987277°
				-121.591992°	-121.591992°
DWR ID	DWR_LD0001S_01_s_2021_24				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Elderberry bush blocking access and visibility.					

No Photos

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Unit No. 01 Feather River	Right	16.11	04/14/2023 04/14/2023	Brooks Weisser

LM Start	7.69	Rating **	A/W	Issue No.	19
LM End	7.74	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 1 : LEVAL_SP_2023_146_4051.jpg



LM Start	14.46	Rating **	M	Issue No.	11
LM End	14.46	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.147985°	39.147985°
				-121.610126°	-121.610126°
DWR ID	17924				
Comment Code					
Inspector Comment					
DS_ID:17924 FS_ID:79240 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Not Found UCIP Comments: 02/24/2022 Need to verify if pipe was grouted in place or removed. Permit application proposed pipe removal but a Reclamation Board suggests that abandonment might be safely and more economically accomplished by filling with concrete rather than opening a cut some 200 feet long and 40 feet deep in the levee. (M. Thao - DWR UCIP) 04/09/2013 Need verification pipe was grouted in place. (P. Amatya) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 30 feet below the crown. Slide gate in a corrugated metal pipe (CMP) riser on the waterside (WS) slope. (Plans to remove a 36-inch pipe from under the levee authorized under Permit 1066, 1945 - Levee District No. 1 of Sutter County [LD0001S]). [Additional Reference(s): DWR Levee Log, 2005 (HLM 36-inch steel), listed as a 36-inch steel pipe. USACE Sacramento O&M Manual, Unit No. 144, August 1955, Revised 29 Dec 2016, (Station 1468+79), listed as a 36-inch corrugated metal pipe] FS Date: 2/24/2022					

Photo 1 of 3 : UCIP_SP_2023_79240_114549.jpg



Levee crown looking upstream.

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WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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LM Start	14.46	Rating **	M	Issue No.	11 (cont)
LM End	14.46	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.147985°	39.147985°
				-121.610126°	-121.610126°
DWR ID	17924				

Photo 2 of 3 : UCIP_SP_2023_79240_114550.jpg



LS view: Looking from levee; general overview.

LM Start	14.46	Rating **	M	Issue No.	11 (cont)
LM End	14.46	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2023_79240_114551.jpg



WS view: Looking from levee; general overview.

* 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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