

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2021

Levee District No. 0001 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/17/2021 03/17/2021	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					
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					
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					
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	03/17/2021 03/17/2021	Brooks Weisser

LM Start	0.00	Rating **	A/W	Issue No.	15
LM End	4.34	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 completed, O&M manual and levee have not been turned over to LMA. This section is not maintained yet, Fall 2020.					

Photo 1 of 1 : SP_2021_LD0001S_433_15_20210301_00001.jpg



View looking downstream of completed construction, but levee has not been turned over to LMA, Fall 2020.

LM Start	0.05	Rating **	M	Issue No.	20
LM End	0.43	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.951701 °	38.957098 °
				-121.585576 °	-121.585484 °
DWR ID	DWR_LD0001S_01_s_2021_20				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation on waterside slope should be maintained, Spring 2021.					

Photo 1 of 1 : SP_2021_LD0001S_433_20_20210318_00052.jpg



View of annual vegetation on waterside slope that should be maintained, Spring 2021.

*** 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
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LM Start	0.05	Rating **	M	Issue No.	18
LM End	0.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.951706 °	38.957093 °
				-121.585581 °	-121.585482 °
DWR ID	DWR_LD0001S_01_s_2021_18				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation on landside slope should be maintained, Spring 2021					

Photo 1 of 1 : SP_2021_LD0001S_433_18_20210318_00041.jpg



View of annual vegetation on land side slope that should be maintained, Spring 2021.

LM Start	0.95	Rating **	M	Issue No.	21
LM End	4.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.964652 °	39.010662 °
				-121.586587 °	-121.602882 °
DWR ID	DWR_LD0001S_01_s_2021_21				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation should be maintained, Spring 2021.					

Photo 1 of 1 : SP_2021_LD0001S_433_21_20210318_00043.jpg



View of annual vegetation on landside slope that should be maintained, Spring 2021.

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+ Issue Type
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Levee District No. 0001 (Sutter County)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable N : Not Inspected/Rated	Ma : Maintenance Deficiency
WS : Water Side	M : Minimally Acceptable C : Corrected	Ob : Design & System Obsolescence
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Unit No. 01 Feather River	Right	16.11	03/17/2021 03/17/2021	Brooks Weisser

LM Start	5.02	Rating **	C	Issue No.	25
LM End	5.43	Issue Type +	Ma	Location *	WS
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					
Erosion site repaired.					

No Photos

LM Start	5.43	Rating **	A/W	Issue No.	26
LM End	5.43	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			39.023753 °	39.023753 °
				-121.613171 °	-121.613171 °
DWR ID	DWR_LD0001S_01_s_2021_26				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Wattles have been placed on the waterside slope. This site should be monitored as the wattles deteriorate to confirm the v ditches are no longer present. Contractor should removed wattles. Spring 2021.					

Photo 1 of 1 : SP_2021_LD0001S_433_26_20210318_00049.jpg



View of wattles on waterside slope that should be monitored to ensure v-ditches are removed when wattles are removed or deteriorate, Spring 2021.

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River	Right	16.11	03/17/2021 03/17/2021	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 3 : LEVAL_SP_2021_146_4051.jpg



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

Photo 2 of 3 : LEVAL_SP_2021_146_4053.jpg



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

Photo 3 of 3 : LEVAL_SP_2021_146_4054.jpg

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LM Start	7.87	Rating **	C	Issue No.	17
LM End	7.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.058591 °	39.058591 °
				-121.611422 °	-121.611422 °
DWR ID	DWR_LD0001S_01_f_2020_17				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent holes backfilled, Spring 2021.					

No Photos

LM Start	9.04	Rating **	A/W	Issue No.	27
LM End	9.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.074886 °	39.074886 °
				-121.606280 °	-121.606280 °
DWR ID	DWR_LD0001S_01_s_2021_27				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Ruts left from unauthorized vehicle access on land side slope should be repaired, Spring 2021.					

Photo 1 of 1 : SP_2021_LD0001S_433_27_20210318_00051.jpg



Erosion of the landside slope due to unauthorized vehicle access, Spring 2021.

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