

**Flood Control Project Maintenance  
Levee Inspections**

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

### Eastern Honcut Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Van Tress	Left	1.46	04/03/2023 04/03/2023	Brooks Weisser

LM Start		Rating **	A	Issue No.	6
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_NA0006_01_s _ 2013_6				
Comment Code					
ES : Emergency Supplies & Equipment					
Inspector Comment					
This levee is maintained by the private land owner, Jimmy Vantress, and should be contacted before entering the property. Phone number is (530) 682-5874. The LMA has stated in the past that they do have access to flood fight supplies.					

No Photos

LM Start		Rating **	M	Issue No.	9
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_NA0006_01_s _ 2012_9				
Comment Code					
FP : Flood Preparedness & Training					
Inspector Comment					
The LMA does not regularly attend Flood Fight classes put on by DWR.					

No Photos

LM Start		Rating **	A	Issue No.	10
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_NA0006_01_s _ 2012_10				
Comment Code					
OM : O&M Manuals					
Inspector Comment					
LMA has a copy of O&M manual.					

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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Unit No. 01 Van Tress	Left	1.46	04/03/2023 04/03/2023	Brooks Weisser

LM Start	0.01	Rating **	U	Issue No.	2
LM End	0.01	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.298484°	39.298484°
				-121.569610°	-121.569610°
DWR ID	19167				
Comment Code					
Inspector Comment					
DS_ID:19167 FS_ID:77403 EP_NO: N/A Repair Type: Urgent EVAL Issue: 3a, Flood Risk Crossing Status: Found UCIP Comments: 05/05/2022 Record updated from Non-Urgent to Urgent. The crossing is open on both ends. Dense vegetation on WS prevents access to close flap gate during high-water events; recommend vegetation be removed. Overgrown vegetation limits inspection of WS at this crossing. (M.Thao - DWR UCIP) 05/01/2013 Dense vegetation on landward side obstructs inspection. Vegetation needs to be cleared to perform utility crossing inspection. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 12 feet below the crown. Flap gate located on the waterside (WS) end. [Additional Reference(s): DWR Levee Logs, 2005 (HLM 0.01). USACE Sacramento O&M Manual Unit No. 151, May 1953, (Station 0+60)] FS Date: 5/5/2022					

LM Start	<b>0.01</b>	Rating **	U	Issue No.	<b>2 (cont)</b>
LM End	<b>0.01</b>	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP\_SP\_2023\_77403\_111840.jpg



LS view: Looking inside pipe from inlet; outlet end is open to WS.

Photo 2 of 2 : UCIP\_SP\_2023\_77403\_111841.jpg



WS view: Looking from crown; 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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Van Tress	Left	1.46	04/03/2023 04/03/2023	Brooks Weisser

LM Start	0.02	Rating **	U	Issue No.	13
LM End	0.02	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.298493°	39.298493°
				-121.569506°	-121.569506°
DWR ID	DWR_NA0006_01_f_2019_13				
Comment Code					
T1 : Trim and thin trees to at least five feet above ground level to allow visibility of the ground and room to flood fight.					
Inspector Comment					
There are trees that need the limbs trimmed up 5' for visibility and access on the landside, Spring 2023.					

Photo 1 of 1 : SP\_2023\_NA0006\_252\_13\_20230407\_00025.jpg



View looking downstream of trees that need the limbs trimmed up 5' for visibility and access on the landside, Spring 2023.

LM Start	0.02	Rating **	U	Issue No.	21
LM End	0.66	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			39.298504°	39.297595°
				-121.569502°	-121.558310°
DWR ID	DWR_NA0006_01_s_2015_21				
Comment Code					
C3 : Add appropriate gravel or road base. Grade and compact.					
Inspector Comment					
Place appropriate gravel on the crown roadway to make it an all weather road, Spring 2023.					

Photo 1 of 1 : SP\_2023\_NA0006\_252\_21\_20230407\_00029.jpg



View of the crown looking downstream of a section of road that needs all weather surface, Spring 2023

<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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Van Tress	Left	1.46	04/03/2023 04/03/2023	Brooks Weisser

LM Start	0.02	Rating **	U	Issue No.	20
LM End	0.02	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.298563°	39.298563°
				-121.569432°	-121.569432°
DWR ID	DWR_NA0006_01_f_2016_20				
Comment Code					
T1 : Trim and thin trees to at least five feet above ground level to allow visibility of the ground and room to flood fight.					
Inspector Comment					
There is a tree that needs the limbs trimmed up 5' for visibility and access on the waterside, Spring 2023.					

Photo 1 of 1 : SP\_2023\_NA0006\_252\_20\_20230407\_00026.jpg



View of a tree that needs the limbs trimmed up 5' for visibility and access on the waterside looking downstream, Spring 2023.

LM Start	0.09	Rating **	U	Issue No.	18
LM End	0.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.299111°	39.295000°
				-121.568808°	-121.556204°
DWR ID	DWR_NA0006_01_f_2022_18				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation on the landside slope needs to be maintained, Spring 2023.					

Photo 1 of 1 : SP\_2023\_NA0006\_252\_18\_20230407\_00024.jpg



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

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

### Eastern Honcut Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Van Tress	Left	1.46	04/03/2023 04/03/2023	Brooks Weisser

LM Start	0.09	Rating **	U	Issue No.	3
LM End	0.09	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.299106°	39.299106°
				-121.568749°	-121.568749°
DWR ID	19168				
Comment Code					
Inspector Comment					
DS_ID:19168 FS_ID:77404 EP_NO: N/A Repair Type: Urgent EVAL Issue: 2b, Levee Integrity Crossing Status: Found UCIP Comments: 05/05/2022 Record updated from Non-Urgent to Urgent. Erosion of more than 1/2 foot into the levee is present behind the LS headwall and WS concrete saddle. The previous comment regarding dense vegetation was addressed. (M.Thao - DWR UCIP) 05/01/2013 Dense vegetation on waterward side and landward side obstructs inspection. Need to clear vegetation on slopes to conduct proper crossing evaluation. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 10 feet below the crown. Flap gate located on the waterside (WS) end. [Additional Reference(s): DWR Levee Logs, 2005 (HLM 0.09). USACE Sacramento O&M Manual Unit No. 151, May 1953, (Station 5+65)] FS Date: 5/5/2022					

LM Start	<b>0.09</b>	Rating **	U	Issue No.	<b>3 (cont)</b>
LM End	<b>0.09</b>	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP\_SP\_2023\_77404\_111834.jpg



LS view: Erosion on backside of headwall.

Photo 2 of 2 : UCIP\_SP\_2023\_77404\_111829.jpg



WS view: CMP pipe on toe; erosion cutting into levee behind concrete pipe saddle.

<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**

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

**Eastern Honcut Creek**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Van Tress	Left	1.46	04/03/2023 04/03/2023	Brooks Weisser

LM Start	0.10	Rating **	M	Issue No.	22
LM End	0.10	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.299078°	39.299078°
				-121.568633°	-121.568633°
DWR ID	DWR_NA0006_01_f_2016_22				
Comment Code					
T1 : Trim and thin trees to at least five feet above ground level to allow visibility of the ground and room to flood fight.					
Inspector Comment					
There is a tree that needs the limbs trimmed up 5' for visibility and access on the waterside, Spring 2023.					

Photo 1 of 1 : SP\_2023\_NA0006\_252\_22\_20230407\_00028.jpg



View looking upstream waterside of a tree that needs the limbs trimmed up 5' for visibility and access, Spring 2023.

LM Start	0.21	Rating **	U	Issue No.	23
LM End	0.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.298816°	39.298816°
				-121.566529°	-121.566529°
DWR ID	DWR_NA0006_01_f_2016_23				
Comment Code					
T1 : Trim and thin trees to at least five feet above ground level to allow visibility of the ground and room to flood fight.					
Inspector Comment					
There are trees that need the limbs trimmed up 5' for visibility and access on the landside, Spring 2023.					

Photo 1 of 1 : SP\_2023\_NA0006\_252\_23\_20230407\_00030.jpg



View looking upstream landside of trees that need the limbs trimmed up 5' for visibility and access on the landside, Spring 2023.

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Van Tress	Left	1.46	04/03/2023 04/03/2023	Brooks Weisser

LM Start	0.23	Rating **	M	Issue No.	25
LM End	0.23	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.298776°	39.298776°
				-121.566158°	-121.566158°
DWR ID	DWR_NA0006_01_f_2016_25				
Comment Code					
T1 : Trim and thin trees to at least five feet above ground level to allow visibility of the ground and room to flood fight.					
Inspector Comment					
There is a tree that needs the limbs trimmed up 5' for visibility and access on the waterside, Spring 2023.					

Photo 1 of 1 : SP\_2023\_NA0006\_252\_25\_20230407\_00031.jpg



View looking downstream waterside of a tree that needs the limbs trimmed up 5' for visibility and access on the waterside, Spring 2023.

LM Start	0.43	Rating **	M	Issue No.	12
LM End	0.43	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			39.298322°	39.298322°
				-121.562439°	-121.562439°
DWR ID	DWR_NA0006_01_s_2021_12				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					
Depressions and ruts in levee crown need to be repaired, Spring 2023.					

Photo 1 of 1 : SP\_2023\_NA0006\_252\_12\_20230407\_00032.jpg



View looking downstream of rutting on the levee crown that should be repaired, Spring 2023.

<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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Van Tress	Left	1.46	04/03/2023 04/03/2023	Brooks Weisser

LM Start	0.68	Rating **	U	Issue No.	8
LM End	0.68	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.297338°	39.297338°
				-121.558318°	-121.558318°
DWR ID	DWR_NA0006_01_f_2021_8				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					
Blackberry bushes need to be removed, Spring 2023.					

Photo 1 of 1 : SP\_2023\_NA0006\_252\_8\_20230403\_00002.jpg



Blackberry bushes on the landside slope that need to be removed, Fall 2022.

LM Start	0.84	Rating **	M	Issue No.	4
LM End	0.84	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.295058°	39.295058°
				-121.557965°	-121.557965°
DWR ID	19171				
Comment Code					
Inspector Comment					
DS_ID:19171 FS_ID:77408 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 05/05/2022 Record has been updated to Non-Urgent. Crossing was partially filled with sediment when looking into it from LS. Crossing should be abandoned properly. Overgrown vegetation on WS limits inspection of levee at this crossing; recommend removal of vegetation. Coordinates have been updated from 39.294998, -121.557801 to 39.295058, -121.557965; CLM has been updated from 0.85 to 0.84. (M.Thao - DWR UCIP) FIELD_STRUCT_DESC: *ABANDONED* 24-inch corrugated pipe through the crown, 6 feet below the crown. (24-inch was filled with concrete (abandoned) under Permit No. 9610, 1974-Honcut Creek Ranch). [Additional Reference(s): USACE Sacramento O&M Manual Unit No. 151, May 1953, (Station 36+00)] FS Date: 5/5/2022					

Photo 1 of 2 : UCIP\_SP\_2023\_77408\_111821.jpg



LS view: Looking into CMP inlet; filled with sediment and aggregate.

<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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Van Tress	Left	1.46	04/03/2023 04/03/2023	Brooks Weisser

LM Start	<b>0.84</b>	Rating **	M	Issue No.	<b>4 (cont)</b>
LM End	<b>0.84</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.295058°	39.295058°
				-121.557965°	-121.557965°
DWR ID	19171				

Photo 2 of 2 : UCIP\_SP\_2023\_77408\_111825.jpg



WS view: Dense vegetation on toe and slope.

LM Start	0.85	Rating **	U	Issue No.	1
LM End	0.96	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.294995°	39.295021°
				-121.557823°	-121.555813°
DWR ID	DWR_NA0006_01_f_2016_1				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					
Remove blackberry bushes that are taking over the waterside slope, Spring 2023.					

Photo 1 of 1 : SP\_2023\_NA0006\_252\_1\_20230407\_00035.jpg



View of blackberry bushes that are covering the waterside slope.  
Looking upstream waterside, Spring 2023.

<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>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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