

**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	10/04/2023 10/04/2023	Brooks Weisser

LM Start	0.00	Rating **	A	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_RD2103_01_s_2012_2				
Comment Code					
FP : Flood Preparedness & Training					
Inspector Comment					
LMA regularly attends flood fight training put on by RD784 and DWR.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_RD2103_01_s_2013_5				
Comment Code					
OM : O&M Manuals					
Inspector Comment					
The LMA has a copy of the manual.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_RD2103_01_s_2013_6				
Comment Code					
ES : Emergency Supplies & Equipment					
Inspector Comment					
LMA stated that they have approx. 2500 sandbags and related flood fight material located in a mini storage in downtown Wheatland.					

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 South Dry Creek	Left	4.64	10/04/2023 10/04/2023	Brooks Weisser

LM Start	0.01	Rating **	U	Issue No.	16
LM End	1.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.019829°	39.025972°
				-121.453906°	-121.437157°
DWR ID	DWR_RD2103_01_f_2023_16				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Vegetation on the landside slope needs to be maintained, Fall 2023.					

Photo 1 of 1 : FA_2023_RD2103_10_16_20231010_00022.jpg



View of vegetation on the landside slope, Fall 2023.

LM Start	0.01	Rating **	U	Issue No.	17
LM End	1.03	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.019836°	39.025974°
				-121.453910°	-121.437160°
DWR ID	DWR_RD2103_01_f_2023_17				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation on the waterside slope needs to be maintained, Fall 2023.					

Photo 1 of 1 : FA_2023_RD2103_10_17_20231010_00023.jpg



View of annual vegetation on the waterside slope, Fall 2023.

LM Start	0.80	Rating **	C	Issue No.	13
LM End	0.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.024650°	39.024650°
				-121.441117°	-121.441117°
DWR ID	DWR_RD2103_01_s_2023_13				
Comment Code					
T2 : Tree or limb.					
Inspector Comment					

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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	10/04/2023 10/04/2023	Brooks Weisser

LM Start	0.82	Rating **	A/W	Issue No.	28
LM End	0.82	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.024811 °	39.024811 °
				-121.440750 °	-121.440750 °
DWR ID	19471				
Comment Code					
Inspector Comment					
DS_ID:19471 FS_ID:79236 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 03/01/2023 Record updated from Urgent to No Action Needed. MBK Engineers provided information that cast-in-place liner has been installed within the existing 36-inch CMP. (O.Yakimov - DWR UCIP) 01/21/2021 Record has been updated from No Action Needed to Urgent. DWR DMP has found integrity issues, LOF between 5 and 6. Recommend monitoring crossing until funding becomes available to address. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 36-inch CIPP-lined corrugated metal drainage pipe through the levee, 14.4 feet below the crown. Concrete headwall, flap gate, and 3-foot by 6-foot concrete splash apron on the waterside (WS) toe. Outfall drain from old Grasshopper Slough. [Additional Reference(s): DWR Levee Log, 2005, (HLM 0.83). USACE Sacramento O&M Manual, Unit No. 146, November 1962, Revised June 2017, (HLM 0.83). USACE As-Built Drawing No. 2-4-55-1, Sheet No. 55-1/4, 20 August 1937, (Station 251+50)]. FS Date: 1/21/2021 12:55:41 PM					

LM Start	0.82	Rating **	A/W	Issue No.	28 (cont)
LM End	0.82	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2023_79236_98696.jpg



LS view: pipe inlet visible on the LS

Photo 2 of 3 : UCIP_FA_2023_79236_98691.jpg



WS view: overview of WS

* 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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	10/04/2023 10/04/2023	Brooks Weisser

LM Start	0.82	Rating **	A/W	Issue No.	28 (cont)
LM End	0.82	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.024811°	39.024811°
				-121.440750°	-121.440750°
DWR ID	19471				

Photo 3 of 3 : UCIP_FA_2023_79236_98693.jpg



WS view: pipe with flap gate visible on the WS toe, photo 2 of 2.

LM Start	0.84	Rating **	U	Issue No.	20
LM End	1.00	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.024921°	39.025763°
				-121.440439°	-121.437775°
DWR ID	DWR_RD2103_01_f_2023_20				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation on the levee crown needs to be maintained, Fall 2023.					

Photo 1 of 1 : FA_2023_RD2103_10_20_20231010_00024.jpg



View of vegetation on the levee crown, Fall 2023.

LM Start	1.03	Rating **	M	Issue No.	14
LM End	1.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.025971°	39.029514°
				-121.437153°	-121.424757°
DWR ID	DWR_RD2103_01_f_2023_14				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Vegetation on the landside slope needs to be maintained, Fall 2023.					

Photo 1 of 1 : FA_2023_RD2103_10_14_20231010_00020.jpg



View of vegetation on the landside slope, Fall 2023.

* 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	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	10/04/2023 10/04/2023	Brooks Weisser

LM Start	1.03	Rating **	M	Issue No.	15
LM End	1.81	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.025968°	39.029507°
				-121.437149°	-121.424756°
DWR ID	DWR_RD2103_01_f_2023_15				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Vegetation on the waterside slope needs to be maintained, Fall 2023.					

Photo 1 of 1 : FA_2023_RD2103_10_15_20231010_00019.jpg



View of vegetation on the waterside slope, Fall 2023.

LM Start	1.14	Rating **	M	Issue No.	26
LM End	1.14	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.026820°	39.026820°
				-121.435614°	-121.435614°
DWR ID	DWR_RD2103_01_f_2021_26				
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					
Remove small starter tree on the waterside hinge, Fall 2023.					

Photo 1 of 1 : FA_2023_RD2103_10_26_20230913_00006.jpg



View of starter tree on the waterside hinge, Fall 2022.

LM Start	1.80	Rating **	U	Issue No.	10
LM End	1.87	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.029513°	39.029688°
				-121.424756°	-121.423789°
DWR ID	DWR_RD2103_01_f_2023_10				
Comment Code					
V3 : Keep the crown roadway free of vegetation.					
Inspector Comment					
Vegetation on the levee crown needs to be maintained, Fall 2023.					

Photo 1 of 1 : FA_2023_RD2103_10_10_20231010_00018.jpg



View of vegetation on the levee crown, Fall 2023.

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	10/04/2023 10/04/2023	Brooks Weisser

LM Start	3.32	Rating **	U	Issue No.	9
LM End	3.55	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.033050°	39.030016°
				-121.400903°	-121.400804°
DWR ID	DWR_RD2103_01_f_2023_9				
Comment Code					
V3 : Keep the crown roadway free of vegetation.					
Inspector Comment					
Vegetation on the levee crown and slopes needs to be maintained, Fall 2023.					

Photo 1 of 1 : FA_2023_RD2103_10_9_20231010_00017.jpg



View of annual vegetation on the levee crown and slopes, Fall 2023.

LM Start	3.59	Rating **	M	Issue No.	31	
LM End	3.59	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.033052°	39.033052°	
				-121.400410°	-121.400410°	
DWR ID	19511					
Comment Code						
Inspector Comment						
DS_ID:19511 FS_ID:70906 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Not Found UCIP Comments: 01/21/2021 Record has been updated from No Action Needed to Non-Urgent. DWR DMP geophysical study found no positive signal of pipe at latitude, longitude 38.033052, -121.400410. No evidence of pipe was found during field inspection. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. Record will remain in UCIP's database and should be monitored until a levee improvement project can confirm that this crossing has been removed from the levee. (O. Magana - DWR UCIP)03/26/2015 Possibly replaced by 24-inch at same location. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 18-inch steel drainage pipe through the levee, 12.0 feet below the crown. Flap gate on the waterside (WS). [Additional Reference(s): USACE Sacramento O&M Manual, Unit No. 146, November 1962, Revised June 2017, (HLM 3.70). USACE As-Built Drawing No. 2-4-55-1, Sheet Nos. 55-1/5 and 55-1/9, 20 August 1937, (Stations 380+80 "E" and 11+20 "E"), 36" corrugated metal pipe (CMP) and 24" CMP referenced]. FS Date: 1/22/2021						

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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	10/04/2023 10/04/2023	Brooks Weisser

LM Start	0.62	Rating **	C	Issue No.	14
LM End	0.62	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.996033°	38.996033°
				-121.426284°	-121.426284°
DWR ID	DWR_RD2103_02_s_2021_14				
Comment Code					
T2 : Tree or limb.					
Inspector Comment					

No Photos

LM Start	0.72	Rating **	M	Issue No.	28
LM End	0.72	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.996510°	38.996510°
				-121.424539°	-121.424539°
DWR ID	DWR_RD2103_02_s_2022_28				
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					
Starter tree near the landside toe needs to be removed, Fall 2023.					

Photo 1 of 1 : FA_2023_RD2103_11_28_20230913_00004.jpg



View of starter tree near the landside toe, Fall 2022.

LM Start	1.81	Rating **	M	Issue No.	2
LM End	4.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.001185°	39.030824°
				-121.406098°	-121.367649°
DWR ID	DWR_RD2103_02_f_2023_2				
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, Fall 2023.					

Photo 1 of 1 : FA_2023_RD2103_11_2_20231010_00008.jpg



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

* 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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	10/04/2023 10/04/2023	Brooks Weisser

LM Start	1.86	Rating **	M	Issue No.	11
LM End	1.86	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.001644°	39.001644°
				-121.405450°	-121.405450°
DWR ID	DWR_RD2103_02_f_2020_11				
Comment Code					
T2 : Tree or limb.					
Inspector Comment					
Remove downed tree from levee slope, Fall 2023.					

Photo 1 of 1 : FA_2023_RD2103_11_11_20230913_00001.jpg



View of downed tree on the waterside slope, Fall 2021.

LM Start	4.05	Rating **	M	Issue No.	15
LM End	4.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.023654°	39.023654°
				-121.377906°	-121.377906°
DWR ID	DWR_RD2103_02_s_2020_15				
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					
Remove small tree from levee toe that is less than 4" in diameter, Fall 2023.					

Photo 1 of 1 : FA_2023_RD2103_11_15_20230913_00003.jpg



View of a small tree at the levee toe less than 4" in diameter, Spring 2022.

* 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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